# ２階建て木造建築物構造計算書

2021 年 8 月

物件名　　○○町コミュニティセンター

建設場所

建築主

設計者　　一級建築士　東京都知事登録　　第号

計算担当者　一級建築士　東京都知事登録　　第号

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参考図　簡易軸組図 ・・・・・・・・・・・・・・・・・・・・・・・ 1915
鉛直構面の水平荷重時応力図 ・・・・・・・・・・・・・・・・・・ 1988
鉛直構面の水平荷重時検定比図 ・・・・・・・・・・・・・・・・・ 1990
軸組応力図 ・・・・・・・・・・・・・・・・・・・・・・・・・・ 1992
軸組断面検定比図 ・・・・・・・・・・・・・・・・・・・・・・・ 2138
断面検定表 ・・・・・・・・・・・・・・・・・・・・・・・・・・ 2284

(1) 柱　・・・

# 1 一般事項



## 1.1 基本情報

| | |
|---|---|
| 物件番号 | 210819SPDX-2F-5 |
| 物件名 | ○○町コミュニティセンター |
| 建設場所 | |
| 建築主 | |
| 設計者 | |
| 計算担当者 | |
| コメント１ | |
| コメント２ | |
| 入力データ単位系 | ＳＩ単位系 |

## 1.2 建物概要

| | | |
|---|---|---|
| 建物階数 | ２階建 | |
| 建物用途 | 集会所 | |
| 建物規模 | ２階建 | |
| 工法 | 在来軸組工法（一部金物工法） | |
| 基本モジュール | 910 mm | |
| 屋根情報 | 標準の勾配 | 10 ／ 100 |
| | 垂木ピッチ | 455.00 mm |
| | 軒の出 | 1825.00 mm |
| | ケラバの出 | 93.00 mm |
| 軒高（G.Lから） | １階 | 4854.00 mm |
| | ２階 | 8395.00 mm |
| | ３階 | － |
| 建物最高軒高 | 9622.00 mm | |
| 建物最高高さ | 10994.31 mm | |
| 土台天端高さ | 1150.00 mm | |
| 基礎高さ | 1010.00 mm | |
| 床高（土台天又は軒高から） | １階 | 75.00 mm |
| | ２階 | 51.00 mm |
| | ３階 | － |
| 仕上げ | 屋根 | 屋根一般 |
| | 外壁 | サイディング |
| 積雪の指定 | 多雪地域区分 | 一般 |
| | 単位荷重 | 20.00 N／cm／㎡ |
| | 風圧の同時検討 | 検討しない |
| | 積雪深さ | 15.00 cm |
| 地盤・地業 | 地耐力 | 50.00 kN／㎡ |
| | 根入れ | 300.00 mm |
| | 地盤種別 | |
| | 地盤調査種別 | |
| | 地盤調査方法 | |
| | 基礎の構造 | その他 |
| | 鉄筋種類 | |
| | コンクリート種類 | |
| | 地業 | その他(計算しない) |
| | 凍結深度 | － |
| 46条・地震 | ４６条の適用除外規定 | 除外しない |
| | 屋根軽・重区分 | 軽い屋根 |
| | 地震地域係数(Z) | 1.00 |
| | 基準風速(V0) | 34.00 m/s |
| | 地表面粗度区分 | Ⅲ |

## 1.3 部屋高さ仕様



| 階 | 部屋名称 | 高さ区分 | 標準床高さからの高さ(mm) |
|---|---|---|---|
| 1階 | 一般室 | 内法高 | 2200mm |
| | | 天井高 | 2700mm |
| | 真壁室<br>(和室等) | 内法高 | 2200mm |
| | | 天井高 | 2700mm |
| 2階 | 一般室 | 内法高 | 2200mm |
| | | 天井高 | 2700mm |
| | 真壁室<br>(和室等) | 内法高 | 2200mm |
| | | 天井高 | 2700mm |
| 3階 | 一般室 | 内法高 | ― |
| | | 天井高 | ― |
| | 真壁室<br>(和室等) | 内法高 | ― |
| | | 天井高 | ― |

## 1.4 設計方針

本計算書は次のものに基づき作成されている。

建築基準法並びに施行令及び国土交通省告示

（参考文献）

1. 木質構造設計規準・同解説
2. 鉄筋コンクリート構造設計規準・同解説
3. 2015年度版 建築物の構造関係技術基準解説書
4. 小規模建築物基礎設計指針
5. 木造軸組工法住宅の許容応力度設計
6. 木造軸組工法住宅の許容応力度設計（2008年版）
7. 木造軸組工法住宅の許容応力度設計（2017年版）

## 1.5 使用材料および許容応力度



### (1)木材

| No | 部位 | 樹種 | 寸法 (mm) | |
|---|---|---|---|---|
| | | | W | H |
| 1 | 土台 | 檜(無等級) | 120 | 120 |
| 2 | 管柱１階 | 欧州赤松集成材(E105-F345) | 120～180 | 120～180 |
| 3 | 管柱１階 | 欧州赤松集成材(E105-F300) | 120～150 | 180～240 |
| 4 | 管柱２階 | 欧州赤松集成材(E105-F345) | 120～150 | 120～150 |
| 5 | 管柱２階 | 欧州赤松集成材(E105-F300) | 150 | 180 |
| 6 | 通し柱１～２階 | 欧州赤松集成材(E105-F345) | 120 | 120 |
| 7 | 床梁 | 欧州赤松集成材(E105-F300) | 120～150 | 150～1230 |
| 8 | 床梁 | 欧州赤松集成材(E120-F330) | 120～150 | 390～800 |
| 9 | 床梁 | 杉(無等級) | 90～120 | 90～120 |
| 10 | 小屋梁 | 欧州赤松集成材(E105-F300) | 120 | 150～420 |
| 11 | 勾配梁 | 欧州赤松集成材(E105-F300) | 120 | 150～300 |
| 12 | 母屋 | 杉(無等級) | 120 | 70 |
| 13 | 母屋梁 | 欧州赤松集成材(E105-F300) | 120 | 150～330 |
| 14 | 垂木 | SPF(甲種枠組材2級) | 38 | 140 |
| 15 | 根太１階 | 未指定(未指定) | 120 | 120 |
| 16 | 根太２階 | 未指定(未指定) | 120 | 120 |
| 17 | 根太３階 | 未指定(未指定) | 120 | 120 |
| 18 | 根太バルコニー | 未指定(未指定) | 120 | 120 |
| 19 | 小屋束 | 欧州赤松集成材(E105-F345) | 120 | 120 |

### 許容応力度

| 樹種 | 許容応力度 (N/mm²) | | | | | | ヤング係数 | 集成材 |
|---|---|---|---|---|---|---|---|---|
| | 荷重及び区分 | 圧縮 | 引張 | 曲げ | せん断 | めり込み | (N/mm²) | タイプ |
| 檜(無等級) | 基準強度 | 24.60 | 18.60 | 30.60 | 2.10 | 7.80 | 8820.00 | 無垢材 |
| | 長期 | 9.02 | 6.82 | 11.22 | 0.77 | 2.86 | 8820.00 | |
| | 短期 (積雪時) | 13.12 | 9.92 | 16.32 | 1.12 | 4.16 | 8820.00 | |
| | 短期 (地震・風圧) | 16.40 | 12.40 | 20.40 | 1.40 | 5.20 | 8820.00 | |
| 欧州赤松集成材(E105-F345) | 基準強度 | 28.10 | 24.50 | 34.50 | 3.00 | 6.00 | 10500.00 | 同等級 |
| | 長期 | 10.30 | 8.98 | 12.65 | 1.10 | 2.20 | 10500.00 | |
| | 短期 (積雪時) | 14.99 | 13.07 | 18.40 | 1.60 | 3.20 | 10500.00 | |
| | 短期 (地震・風圧) | 18.73 | 16.33 | 23.00 | 2.00 | 4.00 | 10500.00 | |
| 欧州赤松集成材(E105-F300) | 基準強度 | 23.20 | 20.20 | 30.00 | 3.00 | 6.00 | 10500.00 | 異等級 |
| | 長期 | 8.51 | 7.41 | 11.00 | 1.10 | 2.20 | 10500.00 | |
| | 短期 (積雪時) | 12.37 | 10.77 | 16.00 | 1.60 | 3.20 | 10500.00 | |
| | 短期 (地震・風圧) | 15.47 | 13.47 | 20.00 | 2.00 | 4.00 | 10500.00 | |
| 欧州赤松集成材(E120-F330) | 基準強度 | 25.90 | 22.40 | 33.00 | 3.00 | 6.00 | 12000.00 | 異等級 |
| | 長期 | 9.50 | 8.21 | 12.10 | 1.10 | 2.20 | 12000.00 | |
| | 短期 (積雪時) | 13.81 | 11.95 | 17.60 | 1.60 | 3.20 | 12000.00 | |
| | 短期 (地震・風圧) | 17.27 | 14.93 | 22.00 | 2.00 | 4.00 | 12000.00 | |
| 杉(無等級) | 基準強度 | 28.20 | 21.00 | 34.80 | 1.80 | 6.00 | 8820.00 | 無垢材 |
| | 長期 | 10.34 | 7.70 | 12.76 | 0.66 | 2.20 | 8820.00 | |
| | 短期 (積雪時) | 15.04 | 11.20 | 18.56 | 0.96 | 3.20 | 8820.00 | |
| | 短期 (地震・風圧) | 18.80 | 14.00 | 23.20 | 1.20 | 4.00 | 8820.00 | |

異等級構成集成材の厚さ方向の辺長に対する寸法調整係数
（「集成材の日本農林規格　第5条」）

| 辺長(mm) | | 係数 | 辺長(mm) | | 係数 |
|---|---|---|---|---|---|
| | 100以下 | 1.13 | 750超 | 900以下 | 0.89 |
| 100超 | 150以下 | 1.08 | 900超 | 1,050以下 | 0.87 |
| 150超 | 200以下 | 1.05 | 1,050超 | 1,200以下 | 0.86 |
| 200超 | 250以下 | 1.02 | 1,200超 | 1,350以下 | 0.85 |
| 250超 | 300以下 | 1.00 | 1,350超 | 1,500以下 | 0.84 |
| 300超 | 450以下 | 0.96 | 1,500超 | 1,650以下 | 0.83 |
| 450超 | 600以下 | 0.93 | 1,650超 | 1,800以下 | 0.82 |
| 600超 | 750以下 | 0.91 | 1,800超 | | 0.80 |

同一等級集成材の厚さ方向の辺長に対する寸法調整係数
（「集成材の日本農林規格　第5条」）

| 辺長(mm) | | 係数 |
|---|---|---|
| | 100以下 | 1.00 |
| 100超 | 150以下 | 0.96 |
| 150超 | 200以下 | 0.93 |
| 200超 | 250以下 | 0.90 |
| 250超 | 300以下 | 0.89 |
| 300超 | | 0.85 |

(2)耐力壁仕様

(a) 筋かい

| No | 筋かい種類 | 材種 | シングル／ダブル | 倍率 | | | 作画形状 | 接合金物仕様 |
|---|---|---|---|---|---|---|---|---|
| | | | | 令４６条 | 圧縮 | 引張 | | |
| 1 | たすき掛筋かい(45×90) | 木材 | ダブル | 4.00 | 4.00<br>(2.50) | 4.00<br>(1.50) | 10 | 筋違プレート(BP-2) |
| 2 | 片方向筋かい(45×90) | 木材 | シングル | 2.00 | 2.50 | 1.50 | 10 | 筋違プレート(BP-2) |

※圧縮 / 引張の（ ）内は柱頭柱脚接合金物の検討（標準計算法）のせん断耐力算出で使用

(b) 面材

| No | 内外区分 | 自動生成対象 | 材 料 | 最低厚さ(mm) | 規格 | 釘打ちの方法 | | 倍率 | 耐力壁種類 | 壁倍率算出係数(準耐力壁の時) | 壁の剛性算定用せん断変形角(1/n)(rad) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 種類 | 間隔(mm) | | | | |
| 1 | 外部 | | JAS構造用合板(特類)7.5mm | 7.50 | JAS/S51告示第894号 | N50 | 150.00<br>以下 | 2.50 | 耐力壁 | 0.6 | 150.00 |

（ａ） ２・３階床　水平構面仕様

| Ｎｏ | 表示記号 | 材料 | 最低厚さ(mm) | 規格 | 釘打ちの方法 | | 根太ピッチ(mm) | 根太施工 | 倍率 | 許容せん断耐力(kN/m) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 種類 | 間隔(mm) | | | | |
| 1 | F3 | 根太レス床 | 24.00 | JAS/S51告示第894号 | N75 | 150.00 以下 | 0 以下 | | 4.000 | 7.84 |
| 2 | 吹抜 | 床なし | 0.00 | なし | | 100.00 以下 | 0 以下 | | 0.000 | 0.00 |
| 3 | F7 | 根太レス床（3倍） | 24.00 | JAS/S51告示第894号 | N75 | 150.00 以下 | 0 以下 | | 3.000 | 5.88 |

（ｂ）火打ち水平構面仕様

| Ｎｏ | 表示記号 | 仕様 | 隅長(mm) |
|---|---|---|---|
| 1 | H1 | 火打ち金物HB | 750.00 |

火打ち水平構面の許容せん断耐力

| 表示記号 | 仕様 | 平均負担面積（㎡以下） | 最低梁せい（mm以上） | 床倍率 | 許容せん断耐力(kN/m) |
|---|---|---|---|---|---|
| H1 | 火打ち金物HB | 2.50 | 240.00 | 0.800 | 1.57 |
| | | 2.50 | 150.00 | 0.600 | 1.18 |
| | | 2.50 | 105.00 | 0.500 | 0.98 |
| | | 3.30 | 240.00 | 0.480 | 0.94 |
| | | 3.30 | 150.00 | 0.360 | 0.71 |
| | | 3.30 | 105.00 | 0.300 | 0.59 |
| | | 5.00 | 240.00 | 0.240 | 0.47 |
| | | 5.00 | 150.00 | 0.180 | 0.35 |
| | | 5.00 | 105.00 | 0.150 | 0.29 |

（ｃ）屋根水平構面仕様

| Ｎｏ | 表示記号 | 材料 | 最低厚さ(mm) | 規格 | 釘打ちの方法 | | 垂木ピッチ(mm) | 垂木施工 | 勾配 | 倍率 | 許容せん断耐力(kN/m) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 種類 | 間隔(mm) | | | | | |
| 1 | R1 | 構造用合板（勾配30以下） | 9.00 | JAS/S51告示第894号 | N50 | 150.00 以下 | 500.00 以下 | 転ばし | 50/100 | 0.700 | 1.37 |

（ｄ）小屋水平構面仕様

| Ｎｏ | 表示記号 | 材料 | 最低厚さ(mm) | 規格 | 釘打ちの方法 | | 根太ピッチ(mm) | 根太施工 | 倍率 | 許容せん断耐力(kN/m) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 種類 | 間隔(mm) | | | | |
| 1 | F8 | 構造用合板(根太レス)(1.2倍) | 24.00 | JAS/S51告示第894号 | N50 | 150.00 以下 | 150.00 以下 | | 1.200 | 2.35 |

柱頭・柱脚金物仕様（金物工法用）

| Ｎｏ | 表示記号 | 接合部名称 | 性能の根拠 | 許容引張耐力（kN） | 許容せん断耐力（kN） |
|---|---|---|---|---|---|
| 1 | HMP-140 | HMP-140 | 試験成績書 | 9.20 | 9.20 |
| 2 | HDP-CC | HDP-CC | 試験成績書 | 9.20 | 9.20 |
| 3 | HMP-140 | HMP-140(50/90) | 試験成績書 | 12.40 | 7.80 |
| 4 | HMP-140 | HMP-140(330+TH-33) | 試験成績書 | 12.40 | 7.80 |
| 5 | HDC-25・30 | HDC-25・30(120) | 試験成績書 | 36.70 | 7.30 |
| 6 | HDC-15・20 | HDC-15・20(120) | 試験成績書 | 27.10 | 7.30 |
| 7 | HDP-20 | HDP-20 | 試験成績書 | 22.20 | 8.40 |
| 8 | HDP-15 | HDP-15 | 試験成績書 | 16.10 | 8.40 |
| 9 | HDP-10 | HDP-10 | 試験成績書 | 10.30 | 8.40 |
| 10 | PBH-63 | PBH-63 | 試験成績書 | 63.40 | 14.00 |

柱頭・柱脚金物仕様
使用データなし

| Ｎｏ | 金物記号 | 金物名称 | 性能の根拠 | 許容せん断耐力（kN） | | | | 許容引張耐力 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 長期 | | 短期 | | (kN) | |
| | | | | 高い側 | 低い側 | 高い側 | 低い側 | 高い側 | 低い側 |
| 1 | BAP-240/60L | BAP-240/60L | 試験成績書 | 14.63 | 14.63 | 26.60 | 26.60 | 25.90 | 25.90 |
| 2 | BAP-240/30R | BAP-240/30R | 試験成績書 | 13.15 | 13.15 | 23.90 | 23.90 | 19.40 | 19.40 |
| 3 | BAP-180/60L | BAP-180/60L | 試験成績書 | 8.58 | 8.58 | 15.60 | 15.60 | 22.20 | 22.20 |
| 4 | TH-51 | TH-51 | 試験成績書 | 32.89 | 32.89 | 59.80 | 59.80 | 40.30 | 40.30 |
| 5 | TH-51 | TH-51 | 試験成績書 | 36.19 | 36.19 | 65.80 | 65.80 | 57.60 | 57.60 |
| 6 | TH-45D | TH-45D | 試験成績書 | 25.30 | 25.30 | 46.00 | 46.00 | 40.30 | 40.30 |
| 7 | TH-45D | TH-45D | 試験成績書 | 29.00 | 29.00 | 52.90 | 52.90 | 57.60 | 57.60 |
| 8 | TH-33D | TH-33D | 試験成績書 | 22.83 | 22.83 | 41.50 | 41.50 | 40.30 | 40.30 |
| 9 | TH-33D | TH-33D | 試験成績書 | 21.67 | 21.67 | 39.40 | 39.40 | 57.60 | 57.60 |
| 10 | TH-24D | TH-24D | 試験成績書 | 19.20 | 19.20 | 34.90 | 34.90 | 34.80 | 34.80 |
| 11 | TH-24D | TH-24D | 試験成績書 | 12.49 | 12.49 | 22.70 | 22.70 | 40.70 | 40.70 |
| 12 | TH-18D | TH-18D | 試験成績書 | 13.37 | 13.37 | 24.30 | 24.30 | 27.10 | 27.10 |
| 13 | TH-18D | TH-18D | 試験成績書 | 8.42 | 8.42 | 15.30 | 15.30 | 30.60 | 30.60 |
| 14 | TH-10D | TH-10D | 試験成績書 | 4.40 | 4.40 | 8.00 | 8.00 | 13.60 | 13.60 |
| 15 | TH-10D | TH-10D | 試験成績書 | 4.18 | 4.18 | 7.60 | 7.60 | 10.30 | 10.30 |
| 16 | K39 | K39 | 試験成績書 | 99.00 | 99.00 | 99.00 | 99.00 | 99.00 | 99.00 |
| 17 | G2 | G2 | 試験成績書 | 93.00 | 93.00 | 152.00 | 152.00 | 144.00 | 144.00 |
| 18 | G1 | G1 | 試験成績書 | 100.00 | 100.00 | 182.00 | 182.00 | 289.00 | 289.00 |

| Ｎｏ | 金物記号 | 金物名称 | 性能の根拠 | 許容せん断耐力（kN） | | | | 許容引張耐力 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 中長期 | | 中短期 | | (kN) | |
| | | | | 高い側 | 低い側 | 高い側 | 低い側 | 高い側 | 低い側 |
| 1 | BAP-240/60L | BAP-240/60L | 試験成績書 | 19.02 | 19.02 | 21.28 | 21.28 | 25.90 | 25.90 |
| 2 | BAP-240/30R | BAP-240/30R | 試験成績書 | 17.09 | 17.09 | 19.12 | 19.12 | 19.40 | 19.40 |
| 3 | BAP-180/60L | BAP-180/60L | 試験成績書 | 11.15 | 11.15 | 12.48 | 12.48 | 22.20 | 22.20 |
| 4 | TH-51 | TH-51 | 試験成績書 | 42.76 | 42.76 | 47.84 | 47.84 | 40.30 | 40.30 |
| 5 | TH-51 | TH-51 | 試験成績書 | 47.05 | 47.05 | 52.64 | 52.64 | 57.60 | 57.60 |
| 6 | TH-45D | TH-45D | 試験成績書 | 32.89 | 32.89 | 36.80 | 36.80 | 40.30 | 40.30 |
| 7 | TH-45D | TH-45D | 試験成績書 | 37.82 | 37.82 | 42.32 | 42.32 | 57.60 | 57.60 |
| 8 | TH-33D | TH-33D | 試験成績書 | 29.67 | 29.67 | 33.20 | 33.20 | 40.30 | 40.30 |
| 9 | TH-33D | TH-33D | 試験成績書 | 28.17 | 28.17 | 31.52 | 31.52 | 57.60 | 57.60 |
| 10 | TH-24D | TH-24D | 試験成績書 | 24.95 | 24.95 | 27.92 | 27.92 | 34.80 | 34.80 |
| 11 | TH-24D | TH-24D | 試験成績書 | 16.23 | 16.23 | 18.16 | 18.16 | 40.70 | 40.70 |
| 12 | TH-18D | TH-18D | 試験成績書 | 17.37 | 17.37 | 19.44 | 19.44 | 27.10 | 27.10 |
| 13 | TH-18D | TH-18D | 試験成績書 | 10.94 | 10.94 | 12.24 | 12.24 | 30.60 | 30.60 |
| 14 | TH-10D | TH-10D | 試験成績書 | 5.72 | 5.72 | 6.40 | 6.40 | 13.60 | 13.60 |
| 15 | TH-10D | TH-10D | 試験成績書 | 5.43 | 5.43 | 6.08 | 6.08 | 10.30 | 10.30 |
| 16 | K39 | K39 | 試験成績書 | 70.78 | 70.78 | 79.20 | 79.20 | 99.00 | 99.00 |
| 17 | G2 | G2 | 試験成績書 | 108.68 | 108.68 | 121.60 | 121.60 | 144.00 | 144.00 |
| 18 | G1 | G1 | 試験成績書 | 130.13 | 130.13 | 145.60 | 145.60 | 289.00 | 289.00 |

中長期は1.43/2、中短期は1.6/2を短期許容せん断耐力に乗じた値となる

(6)横架材端部接合部仕様

なし

部屋名および荷重処理区分一覧

| Ｎｏ． | 階 | 部屋名称 | 荷重処理区分 |
|---|---|---|---|
| 1 | 1階 | 玄関 | 部屋2 |
| 2 | 1階 | 事務室 | 部屋2 |
| 3 | 1階 | 収納 | 部屋2 |
| 4 | 1階 | 会議室 | 部屋2 |
| 5 | 1階 | 収納 | 部屋2 |
| 6 | 1階 | 収納 | 部屋2 |
| 7 | 1階 | トイレ | 部屋2 |
| 8 | 1階 | 廊下 | 部屋2 |
| 9 | 1階 | トイレ | 部屋2 |
| 10 | 1階 | 会議室 | 部屋2 |
| 11 | 1階 | 給湯室 | 部屋2 |
| 12 | 1階 | EV | 部屋2 |
| 13 | 1階 | ホール | 部屋3 |
| 14 | 1階 | 廊下 | 部屋2 |
| 15 | 1階 | 廊下 | 部屋2 |
| 16 | 1階 | 収納 | 部屋2 |
| 17 | 1階 | 会議室 | 部屋2 |
| 18 | 1階 | 食堂 | 部屋2 |
| 19 | 1階 | 玄関(1階) | 部屋2 |
| 20 | 1階 | 階段室 | 部屋2 |
| 21 | 1階 | 廊下 | 部屋2 |
| 22 | 1階 | 収納 | 部屋2 |
| 23 | 1階 | トイレ | 部屋2 |
| 24 | 1階 | 廊下 | 部屋2 |
| 25 | 2階 | 洗面 | 標準（洋室系） |
| 26 | 2階 | 会議室 | 標準（洋室系） |
| 27 | 2階 | 会議室 | 標準（洋室系） |
| 28 | 2階 | 給湯室 | 標準（洋室系） |
| 29 | 2階 | 階段室 | 標準（洋室系） |
| 30 | 2階 | トイレ | 標準（洋室系） |
| 31 | 2階 | 廊下 | 標準（洋室系） |
| 32 | 2階 | トイレ | 標準（洋室系） |
| 33 | 2階 | 廊下 | 標準（洋室系） |
| 34 | 2階 | EV | 標準（洋室系） |
| 35 | 2階 | 会議室 | 標準（洋室系） |
| 36 | 2階 | 会議室 | 標準（洋室系） |
| 37 | 2階 | 吹抜 | 吹抜（床組無） |
| 38 | 2階 | 廊下 | 標準（洋室系） |
| 39 | 2階 | 収納 | 標準（洋室系） |
| 40 | 2階 | 収納 | 標準（洋室系） |
| 41 | 2階 | トイレ | 標準（洋室系） |
| 42 | 2階 | 廊下 | 標準（洋室系） |
| 43 | 2階 | 会議室 | 標準（洋室系） |
| 44 | 2階 | 収納 | 標準（洋室系） |
| 45 | 2階 | 収納 | 標準（洋室系） |

| Ｎｏ． | 階 | 部屋名称 | 荷重処理区分 |
|---|---|---|---|
| 46 | 2階 | 物入 | 標準（洋室系） |
| 47 | 2階 | 会議室 | 標準（洋室系） |
| 48 | 2階 | 階段室 | 階段 |
| 49 | 2階 | ベランダ | バルコニー |
| 50 | 2階 | 物入れ | 標準（洋室系） |
| 51 | 2階 | ホール | 部屋1 |
| 52 | 2階 | ベランダ | 標準（洋室系） |

(1)固定荷重

屋根(一般部)１：母屋計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 310(360) |
| 見付け面合計(勾配係数 = 1.00) | 310(361) |

屋根(一般部)１：梁・柱・基礎計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋 | 50 |
| 小屋梁・断熱材(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 野縁・杉板 | 120 |
| 合計 | 530(600)(680) |
| 見付け面合計(勾配係数 = 1.00) | 530(600)(680) |

屋根(軒先)１

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 軒裏天井 | 150 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 460(510) |
| 見付け面合計(勾配係数 = 1.00) | 460(511) |

屋根(一般部)２：母屋計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 310(360) |
| 見付け面合計(勾配係数 = 1.03) | 320(371) |

屋根(一般部)２：梁・柱・基礎計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋 | 50 |
| 小屋梁・断熱材(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 野縁・杉板 | 120 |
| 合計 | 530(600)(680) |
| 見付け面合計(勾配係数 = 1.03) | 540(610)(690) |

屋根(軒先)２

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 軒裏天井 | 150 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 460(510) |
| 見付け面合計(勾配係数 = 1.03) | 470(521) |

屋根(一般部)３：母屋計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 310(360) |
| 見付け面合計(勾配係数 = 1.01) | 314(364) |

屋根(一般部)３：梁・柱・基礎計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋 | 50 |
| 小屋梁・断熱材(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 野縁・杉板 | 120 |
| 合計 | 530(600)(680) |
| 見付け面合計(勾配係数 = 1.01) | 534(604)(684) |

屋根(軒先)３

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 軒裏天井 | 150 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 460(510) |
| 見付け面合計(勾配係数 = 1.01) | 464(514) |

屋根(一般部)４：母屋計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 310(360) |
| 見付け面合計(勾配係数 = 1.00) | 312(362) |

屋根(一般部)４：梁・柱・基礎計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋 | 50 |
| 小屋梁・断熱材(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 野縁・杉板 | 120 |
| 合計 | 530(600)(680) |
| 見付け面合計(勾配係数 = 1.00) | 532(602)(682) |

屋根(軒先)４

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 軒裏天井 | 150 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 460(510) |
| 見付け面合計(勾配係数 = 1.00) | 462(512) |

屋根(一般部)５：母屋計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 310(360) |
| 見付け面合計(勾配係数 = 1.03) | 320(371) |

屋根(一般部)５：梁・柱・基礎計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋 | 50 |
| 小屋梁・断熱材(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 野縁・杉板 | 120 |
| 合計 | 530(600)(680) |
| 見付け面合計(勾配係数 = 1.03) | 540(610)(690) |

屋根(軒先)５

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 軒裏天井 | 150 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 460(510) |
| 見付け面合計(勾配係数 = 1.03) | 470(521) |

屋根(一般部)６：母屋計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 310(360) |
| 見付け面合計(勾配係数 = 1.00) | 312(362) |

屋根(一般部)６：梁・柱・基礎計算用

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 母屋 | 50 |
| 小屋梁・断熱材(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 野縁・杉板 | 120 |
| 合計 | 530(600)(680) |
| 見付け面合計(勾配係数 = 1.00) | 532(602)(682) |

屋根(軒先)６

| | |
|---|---|
| 断熱材・下地・垂木・仕上げ | 260 |
| 軒裏天井 | 150 |
| 母屋(母屋スパン＞２ｍ) | 50(100) |
| 合計 | 460(510) |
| 見付け面合計(勾配係数 = 1.00) | 462(512) |

標準（洋室系）

| | |
|---|---|
| フローリング・乾式二重床 | 280 |
| 床板＋ALC | 480 |
| 梁(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 450(520)(600) |
| 天井 | 190 |
| 計 | 1400(1470)(1550) |

小屋裏収納

| | |
|---|---|
| 合板＋仕上げ | 190 |
| 床組 | 150 |
| 梁(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | 100(170)(250) |
| 天井 | 150 |
| 計 | 590(660)(740) |

階段

| | | |
|---|---|---|
| 合板＋仕上げ | | 190 |
| 床組 | | 150 |
| 梁(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | | 100(170)(250) |
| 天井 | | 150 |
| | 計 | 590(660)(740) |

部屋1

| | | |
|---|---|---|
| フローリング・乾式二重床 | | 280 |
| 床板＋ALC | | 480 |
| 梁(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | | 450(520)(600) |
| 天井 | | 190 |
| | 計 | 1400(1470)(1550) |

部屋2

| | | |
|---|---|---|
| 仕上げ | | 350 |
| 床組(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | | 200(270)(350) |
| | 計 | 550(620)(700) |

部屋3

| | | |
|---|---|---|
| 仕上げ | | 350 |
| 床組(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | | 200(270)(350) |
| | 計 | 550(620)(700) |

吹抜（床組無）

| | | |
|---|---|---|
| | 計 | 0(0)(0) |

バルコニー

| | | |
|---|---|---|
| 合板＋仕上げ | | 190 |
| 床板＋根太 | | 150 |
| 梁(ｽﾊﾟﾝ>4m)(ｽﾊﾟﾝ>6m) | | 100(170)(250) |
| 天井 | | 150 |
| | 計 | 590(660)(740) |

1F外壁

| | | |
|---|---|---|
| 軸組 | | 150 |
| 下地・断熱材 | | 250 |
| サイディング | | 300 |
| | 計 | 700 |

2F外壁

| | | |
|---|---|---|
| 軸組 | | 150 |
| 下地・断熱材 | | 250 |
| サイディング | | 300 |
| | 計 | 700 |

1F内壁

| | | |
|---|---|---|
| 軸組み | | 150 |
| 石膏ボード(両面)＋下地 | | 390 |
| | 計 | 540 |

2F内壁

| | |
|---|---|
| 軸組み | 150 |
| 石膏ボード(両面)＋下地 | 390 |
| 計 | 540 |

(2)積載荷重

| | 床用 | 梁・柱・基礎用 | 地震力用 |
|---|---|---|---|
| 2階床 | 2900 | 1800 | 800 |
| 2階ホール | 3500 | 3200 | 2100 |
| 1階床 | 2900 | 1800 | 800 |
| 1階ホール | 3500 | 3200 | 2100 |
| 階段 | 1800 | 1300 | 600 |
| バルコニー | 1800 | 1300 | 600 |
| 吹抜 | 0 | 0 | 0 |

(3)積雪荷重

| | |
|---|---|
| 積雪深さ | 15cm |
| 積雪単位荷重 | 20.0N/㎡/cm |
| 積雪荷重 | 300(N/㎡) |

(4)設計荷重

| 荷重用途 | 荷重種別 | 床用 | | 梁・柱・基礎用 | | 地震力用 |
|---|---|---|---|---|---|---|
| | | 常時 | 積雪時 | 常時 | 積雪時 | |
| 屋根(一般部) 1<br>屋根形状係数μ：0.999 | 固定荷重<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m)<br>積雪荷重×μ | | | 530<br>(600)<br>(680) | 530<br>(600)<br>(680)<br>300 | 530<br>(600)<br>(680) |
| | 合計<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m) | | | 530<br>(600)<br>(680) | 830<br>(900)<br>(980) | 530<br>(600)<br>(680) |
| 屋根(軒先) 1<br>屋根形状係数μ：0.999 | 固定荷重<br>(母屋ｽﾊﾟﾝ＞2m)<br>積雪荷重×μ | | | 460<br>(511) | 460<br>(511)<br>300 | 460<br>(511) |
| | 合計<br>(母屋ｽﾊﾟﾝ＞2m) | | | 460<br>(511) | 760<br>(810) | 460<br>(511) |

| 荷重用途 | 荷重種別 | 床用 | | 梁・柱・基礎用 | | 地震力用 |
|---|---|---|---|---|---|---|
| | | 常時 | 積雪時 | 常時 | 積雪時 | |
| 屋根(一般部)2<br>屋根形状係数μ：0.966<br>割増係数α：1.000<br>(dr=0.013) | 固定荷重<br>(梁ｽﾊﾟﾝ>4m)<br>(梁ｽﾊﾟﾝ>6m)<br>積雪荷重×μ×α | | | 540<br>(610)<br>(690) | 540<br>(610)<br>(690)<br>290 | 540<br>(610)<br>(690) |
| | 合計<br>(梁ｽﾊﾟﾝ>4m)<br>(梁ｽﾊﾟﾝ>6m) | | | 540<br>(610)<br>(690) | 829<br>(899)<br>(979) | 540<br>(610)<br>(690) |
| 屋根(軒先)2<br>屋根形状係数μ：0.966<br>割増係数α：1.000<br>(dr=0.013) | 固定荷重<br>(母屋ｽﾊﾟﾝ>2m)<br>積雪荷重×μ×α | | | 470<br>(521) | 470<br>(521)<br>290 | 470<br>(521) |
| | 合計<br>(母屋ｽﾊﾟﾝ>2m) | | | 470<br>(521) | 759<br>(811) | 470<br>(521) |
| 屋根(一般部)3<br>屋根形状係数μ：0.988 | 固定荷重<br>(梁ｽﾊﾟﾝ>4m)<br>(梁ｽﾊﾟﾝ>6m)<br>積雪荷重×μ | | | 534<br>(604)<br>(684) | 534<br>(604)<br>(684)<br>296 | 534<br>(604)<br>(684) |
| | 合計<br>(梁ｽﾊﾟﾝ>4m)<br>(梁ｽﾊﾟﾝ>6m) | | | 534<br>(604)<br>(684) | 830<br>(900)<br>(980) | 534<br>(604)<br>(684) |
| 屋根(軒先)3<br>屋根形状係数μ：0.988 | 固定荷重<br>(母屋ｽﾊﾟﾝ>2m)<br>積雪荷重×μ | | | 464<br>(514) | 464<br>(514)<br>296 | 464<br>(514) |
| | 合計<br>(母屋ｽﾊﾟﾝ>2m) | | | 464<br>(514) | 760<br>(810) | 464<br>(514) |
| 屋根(一般部)4<br>屋根形状係数μ：0.994<br>割増係数α：1.213<br>(dr=0.039) | 固定荷重<br>(梁ｽﾊﾟﾝ>4m)<br>(梁ｽﾊﾟﾝ>6m)<br>積雪荷重×μ×α | | | 532<br>(602)<br>(682) | 532<br>(602)<br>(682)<br>362 | 532<br>(602)<br>(682) |
| | 合計<br>(梁ｽﾊﾟﾝ>4m)<br>(梁ｽﾊﾟﾝ>6m) | | | 532<br>(602)<br>(682) | 893<br>(963)<br>(1043) | 532<br>(602)<br>(682) |
| 屋根(軒先)4<br>屋根形状係数μ：0.994<br>割増係数α：1.213<br>(dr=0.039) | 固定荷重<br>(母屋ｽﾊﾟﾝ>2m)<br>積雪荷重×μ×α | | | 462<br>(512) | 462<br>(512)<br>362 | 462<br>(512) |
| | 合計<br>(母屋ｽﾊﾟﾝ>2m) | | | 462<br>(512) | 823<br>(874) | 462<br>(512) |

| 荷重用途 | 荷重種別 | 床用 | | 梁・柱・基礎用 | | 地震力用 |
|---|---|---|---|---|---|---|
| | | 常時 | 積雪時 | 常時 | 積雪時 | |
| 屋根(一般部) 5<br>屋根形状係数μ ：0.966 | 固定荷重<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m)<br>積雪荷重×μ | | | 540<br>(610)<br>(690) | 540<br>(610)<br>(690)<br>290 | 540<br>(610)<br>(690) |
| | 合計<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m) | | | 540<br>(610)<br>(690) | 829<br>(899)<br>(979) | 540<br>(610)<br>(690) |
| 屋根(軒先) 5<br>屋根形状係数μ ：0.966 | 固定荷重<br>(母屋ｽﾊﾟﾝ＞2m)<br>積雪荷重×μ | | | 470<br>(521) | 470<br>(521)<br>290 | 470<br>(521) |
| | 合計<br>(母屋ｽﾊﾟﾝ＞2m) | | | 470<br>(521) | 759<br>(811) | 470<br>(521) |
| 屋根(一般部) 6<br>屋根形状係数μ ：0.994 | 固定荷重<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m)<br>積雪荷重×μ | | | 532<br>(602)<br>(682) | 532<br>(602)<br>(682)<br>298 | 532<br>(602)<br>(682) |
| | 合計<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m) | | | 532<br>(602)<br>(682) | 830<br>(900)<br>(980) | 532<br>(602)<br>(682) |
| 屋根(軒先) 6<br>屋根形状係数μ ：0.994 | 固定荷重<br>(母屋ｽﾊﾟﾝ＞2m)<br>積雪荷重×μ | | | 462<br>(512) | 462<br>(512)<br>298 | 462<br>(512) |
| | 合計<br>(母屋ｽﾊﾟﾝ＞2m) | | | 462<br>(512) | 760<br>(810) | 462<br>(512) |
| 標準（洋室系） | 固定荷重<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m)<br>積載荷重 | 1400<br>(1470)<br>(1550)<br>2900 | 1400<br>(1470)<br>(1550)<br>2900 | 1400<br>(1470)<br>(1550)<br>1800 | 1400<br>(1470)<br>(1550)<br>1800 | 1400<br>(1470)<br>(1550)<br>800 |
| | 合計<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m) | 4300<br>(4370)<br>(4450) | 4300<br>(4370)<br>(4450) | 3200<br>(3270)<br>(3350) | 3200<br>(3270)<br>(3350) | 2200<br>(2270)<br>(2350) |
| 小屋裏収納 | 固定荷重<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m)<br>積載荷重 | 590<br>(660)<br>(740)<br>1800 | 590<br>(660)<br>(740)<br>1800 | 590<br>(660)<br>(740)<br>1300 | 590<br>(660)<br>(740)<br>1300 | 590<br>(660)<br>(740)<br>600 |
| | 合計<br>(梁ｽﾊﾟﾝ＞4m)<br>(梁ｽﾊﾟﾝ＞6m) | 2390<br>(2460)<br>(2540) | 2390<br>(2460)<br>(2540) | 1890<br>(1960)<br>(2040) | 1890<br>(1960)<br>(2040) | 1190<br>(1260)<br>(1340) |

| 荷重用途 | 荷重種別 | 床用 | | 梁・柱・基礎用 | | 地震力用 |
|---|---|---|---|---|---|---|
| | | 常時 | 積雪時 | 常時 | 積雪時 | |
| 階段 | 固定荷重 | 590 | 590 | 590 | 590 | 590 |
| | 積載荷重 | 1800 | 1800 | 1300 | 1300 | 600 |
| | 合計 | 2390 | 2390 | 1890 | 1890 | 1190 |
| 部屋1 | 固定荷重 | 1400 | 1400 | 1400 | 1400 | 1400 |
| | (梁ｽﾊﾟﾝ＞4m) | (1470) | (1470) | (1470) | (1470) | (1470) |
| | (梁ｽﾊﾟﾝ＞6m) | (1550) | (1550) | (1550) | (1550) | (1550) |
| | 積載荷重 | 3500 | 3500 | 3200 | 3200 | 2100 |
| | 合計 | 4900 | 4900 | 4600 | 4600 | 3500 |
| | (梁ｽﾊﾟﾝ＞4m) | (4970) | (4970) | (4670) | (4670) | (3570) |
| | (梁ｽﾊﾟﾝ＞6m) | (5050) | (5050) | (4750) | (4750) | (3650) |
| 部屋2 | 固定荷重 | 550 | 550 | 550 | 550 | 550 |
| | (梁ｽﾊﾟﾝ＞4m) | (620) | (620) | (620) | (620) | (620) |
| | (梁ｽﾊﾟﾝ＞6m) | (700) | (700) | (700) | (700) | (700) |
| | 積載荷重 | 2900 | 2900 | 1800 | 1800 | 800 |
| | 合計 | 3450 | 3450 | 2350 | 2350 | 1350 |
| | (梁ｽﾊﾟﾝ＞4m) | (3520) | (3520) | (2420) | (2420) | (1420) |
| | (梁ｽﾊﾟﾝ＞6m) | (3600) | (3600) | (2500) | (2500) | (1500) |
| 部屋3 | 固定荷重 | 550 | 550 | 550 | 550 | 550 |
| | (梁ｽﾊﾟﾝ＞4m) | (620) | (620) | (620) | (620) | (620) |
| | (梁ｽﾊﾟﾝ＞6m) | (700) | (700) | (700) | (700) | (700) |
| | 積載荷重 | 3500 | 3500 | 3200 | 3200 | 2100 |
| | 合計 | 4050 | 4050 | 3750 | 3750 | 2650 |
| | (梁ｽﾊﾟﾝ＞4m) | (4120) | (4120) | (3820) | (3820) | (2720) |
| | (梁ｽﾊﾟﾝ＞6m) | (4200) | (4200) | (3900) | (3900) | (2800) |
| 吹抜（床組無） | 固定荷重 | | | | | |
| | (梁ｽﾊﾟﾝ＞4m) | | | | | |
| | (梁ｽﾊﾟﾝ＞6m) | | | | | |
| | 積載荷重 | | | | | |
| | 合計 | | | | | |
| | (梁ｽﾊﾟﾝ＞4m) | | | | | |
| | (梁ｽﾊﾟﾝ＞6m) | | | | | |
| バルコニー | 固定荷重 | 590 | 590 | 590 | 590 | 590 |
| | (梁ｽﾊﾟﾝ＞4m) | (660) | (660) | (660) | (660) | (660) |
| | (梁ｽﾊﾟﾝ＞6m) | (740) | (740) | (740) | (740) | (740) |
| | 積載荷重 | 1800 | 1800 | 1300 | 1300 | 600 |
| | 積雪荷重 | | 300 | | 300 | |
| | 合計 | 2390 | 2690 | 1890 | 2190 | 1190 |
| | (梁ｽﾊﾟﾝ＞4m) | (2460) | (2760) | (1960) | (2260) | (1260) |
| | (梁ｽﾊﾟﾝ＞6m) | (2540) | (2840) | (2040) | (2340) | (1340) |
| 壁(1F外壁) | 固定荷重 | | | 700 | 700 | 700 |
| 壁(2F外壁) | 固定荷重 | | | 700 | 700 | 700 |
| 壁(1F内壁) | 固定荷重 | 540 | 540 | 540 | 540 | 540 |
| 壁(2F内壁) | 固定荷重 | 540 | 540 | 540 | 540 | 540 |

| 荷重用途 | 荷重種別 | 床用 | | 梁・柱・基礎用 | | 地震力用 |
|---|---|---|---|---|---|---|
| | | 常時 | 積雪時 | 常時 | 積雪時 | |
| サイディング(N/㎡) | 固定荷重 | 700 | 700 | 700 | 700 | 700 |

(5)風圧力

風圧力　Ｑｗ＝Ａｗ×ｑ×Ｃｆ

| Ｈ | ＺＧ | Ｚｂ | α | Ｇｆ | Ｅｒ | Ｅ | Ｖ0 | ｑ |
|---|---|---|---|---|---|---|---|---|
| 10.31 | 450 | 5 | 0.20 | 2.5 | 0.799 | 1.595 | 34.0 | 1106.46 |

Ａｗ：見付面積

ｑ：速度圧

ｑ＝0.6ＥＶ0^2 [N/㎡]

Ｅ＝Ｅｒ^2 Ｇｆ

Ｅｒ：平均風速の鉛直分布を表す係数

Ｇｆ：構造骨組みガスト影響係数

Ｈ≦Ｚｂ　Ｅｒ＝1.7（Ｚｂ／ＺＧ）^α

Ｈ＞Ｚｂ　Ｅｒ＝1.7（Ｈ／ＺＧ）^α

Ｈ：建物最高軒高と建物最高高さの平均

Ｃｆ：風力係数（風上側と風下側の合計）

Ｃｆ＝0.8Ｋｚ＋0.4

Ｚ≦Ｚｂ　Ｋｚ＝（Ｚｂ／Ｈ）^2α

Ｚ＞Ｚｂ　Ｋｚ＝（Ｚ／Ｈ）^2α

Ｈ≦Ｚｂ　Ｋｚ＝1.0

［風力係数Ｃｆを示す図］

(6)地震力

地震力　Ｑｉ＝Ｃｉ×ΣＷｉ

Ｃｉ　：地震層せん断力係数

ΣＷｉ：最上部から当該階までの全重量

Ｃｉ＝Ｚ・Ｒｔ・Ａｉ・Ｃｏ

Ｚ　：地域係数　　Ｚ　＝1.0

Ｒｔ：振動特性係数　　Ｒｔ＝1.0　　Ｔ＝ｈ×0.030　ｈ＝10.308（m）

Ｔ＝0.309（秒）

Ａｉ：地震層せん断力係数の分布係数

Ａｉ＝１＋（１／√αｉ－αｉ）×２Ｔ／（１＋３Ｔ）

αｉ＝最上部から当該階までの重量の和／地上部の全重量

Ｃｏ：標準せん断力係数　　Ｃｏ＝0.20

(7)追加荷重

| 荷重名 | 階 | 位置 | 重量　kN |
|---|---|---|---|
| 小屋裏収納内壁 固定荷重 | 2 | 又Ｘ２Ｙ７ | 6.23 |
| 外壁 固定荷重 | 2 | Ｘ６Ｙ７ | 5.22 |
| 外壁 固定荷重 | 2 | Ｘ９又 | 11.86 |
| 小屋裏収納内壁 固定荷重 | 2 | Ｘ５又Ｙ５ | 8.03 |
| 小屋裏収納内壁 固定荷重 | 2 | 又Ｘ２Ｙ４ | 7.27 |

(8)応力の組み合わせ

| 応力の種類 | 想定する状態 | 多雪区域以外の場合 | 多雪区域の場合 |
|---|---|---|---|
| 長期の応力 | 常時 | G＋P | G＋P |
| | 積雪時 | | G＋P＋0.70S |
| 短期の応力 | 積雪時 | G＋P＋S | G＋P＋S |
| | 暴風時 | G＋P＋W | G＋P＋W |
| | | | G＋P＋0.35S＋W |
| | 地震時 | G＋P＋K | G＋P＋0.35S＋K |

G：固定重力による応力　　P：積載荷重による応力

S：積雪荷重による応力　　W：風圧力による応力

K：地震力による応力

## 1.7 構造計算の内容

### (1)計算の内容

| 項目 | 設定 |
|---|---|
| 計算ルート | ルート１ |
| 梁・母屋梁の断面自動算定 | 行わない |
| 金物（柱頭柱脚・羽子板）の引張耐力による自動配置 | 行わない |
| 柱頭柱脚の勝ち負けの自動判定（金物工法） | 行わない |
| 柱頭・柱脚接合部の引張耐力の検定方法 | 標準計算法 |
| 水平構面横架材端部の引張耐力の算定方法 | 標準計算法 |
| めり込みの検討 | 長期・短期行う |
| 基礎の検討 | 行わない |
| 大引の検討 | 行わない |
| 転倒の検討 | 行わない |
| 仕口検討時の梁せい整合 | 行わない |
| 令４６条の床面積 | 吹抜を含まない |
| 準耐力壁の考慮 | 考慮しない |
| 床タイプ | 根太レス |
| 見付面積の分割位置 | 当該階のFL＋階高の1/2 |
| 地震力計算における各階の荷重の分割位置 | 当該階のFL＋階高の1/2 |
| 風圧力算定時のねじれ補正係数考慮有無 | 考慮しない |
| 地震力ねじれ補正係数算出方法 | 偏心率 |
| 転倒の検討での短期接地圧の検討有無 | 行わない |
| 引張力の継手・仕口の分担率考慮有無 | 考慮しない |
| 筋かい上端がとりつく横架材接合部の低減係数 | 考慮する |
| 梁上に載る耐力壁の剛性低減算出方法 | 考慮する（一般式） |
| 横架材端部の有効断面積 | Ae=A0×(d'/d) |
| 基礎梁の計算方法 | 許容応力度(変位法) |
| 許容応力度（変位法）基礎梁検定時の基礎の自重 | 考慮する |
| 屋根領域分割方法 | 母屋分割 |
| 集成材の厚さ方向の辺長に対する係数の考慮【梁】 | 考慮する |
| 集成材の厚さ方向の辺長に対する係数の考慮【土台】 | 考慮する |
| 集成材の厚さ方向の辺長に対する係数の考慮【柱】 | 考慮する |

### (2)出力の内容

| 項目 | 設定 |
|---|---|
| 令４６条による偏心率 | 偏心率＋重心＋剛心の算定 |
| 水平力による偏心率 | 偏心率＋重心＋剛心の算定 |
| 耐力壁の耐力と軸力の算定 | 出力する |
| 柱の長期軸力算定表 | 出力する |
| 柱の軸力一覧（図） | 出力しない |
| 荷重の伝達表 | 出力する |
| 柱の設計（出力数） | 全出力 |
| 梁の設計（出力数） | 全出力 |
| 母屋の設計（出力数） | 全出力 |
| 柱頭柱脚接合部の設計（出力数） | 全出力 |
| 土台及びアンカーボルト（出力数） | 全出力 |
| フーチング・スラブの設計（出力数） | 全出力 |
| 基礎梁の設計（出力数） | 全出力 |
| 梁のたわみ検定 | 全出力 |
| 大引きの設計（出力数） | 全出力 |
| 耐風梁の検討 | 全出力 |
| 隅木・谷木の設計（出力数） | 全出力 |
| トラスの設計（出力数） | 全出力 |

(3)構造計算判定基準値

| 項目 | 設定値 |
|---|---|
| ４６条に対する壁量 | 1.00 |
| 水平力に対する耐力壁の耐力 | 1.00 |
| 偏心率チェック基準 | 0.30 |
| 層間変形角チェック基準 | 120.00 |
| 建物転倒に対する判定基準 | 0.50 |

| | 長期<br>スパンに対する逆数 | 長期<br>たわみ量（cm） | 短期<br>スパンに対する逆数 | 短期<br>たわみ量（cm） |
|---|---|---|---|---|
| 母屋 | 400.00 | 2.00 | 150.00 | 3.00 |
| 小屋梁 | 400.00 | 2.00 | 150.00 | 2.00 |
| 軒桁 | 400.00 | 2.00 | 150.00 | 2.00 |
| 胴差し | 600.00 | 2.00 | 225.00 | 2.00 |
| 床梁 | 600.00 | 2.00 | 225.00 | 2.00 |
| 持出梁 | 600.00 | 2.00 | 225.00 | 2.00 |
| 勾配梁 | 600.00 | 2.00 | 225.00 | 2.00 |
| 耐風梁 | | | 225.00 | 3.00 |
| 隅木 | 400.00 | 2.00 | 200.00 | 3.00 |
| 谷木 | 400.00 | 2.00 | 200.00 | 3.00 |
| 大引 | 600.00 | 2.00 | 225.00 | 2.00 |
| 垂木 | 400.00 | 2.00 | 150.00 | 2.00 |
| 根太 | 600.00 | 2.00 | | |

| | アンカーボルト | 柱脚金物 | 1Fホール<br>ダウン金物 | 2F,3Fホール<br>ダウン金物 | 接合仕口<br>金物 |
|---|---|---|---|---|---|
| 金物耐力チェック基準値 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

| | |
|---|---|
| 曲げと圧縮を受ける柱の判定基準 | 1.00 |
| ベース巾を決定する時の安全率 | 1.00 |
| 剛性率チェック基準 | 0.60 |
| 耐圧板スラブの接地圧の検定値 | 1.00 |
| 外周地中梁の断面 判定基準値 | 1.00 |
| 内部地中梁の断面 判定基準値 | 1.00 |
| 水平構面に対する負担水平力の検定値 | 1.00 |

| | 長期積雪：スパンに対する逆数 | 長期積雪：たわみ量（cm） |
|---|---|---|
| 母屋 | 200.00 | 2.00 |
| 小屋梁 | 200.00 | 2.00 |
| 軒桁 | 200.00 | 2.00 |
| 胴差し | 300.00 | 2.00 |
| 床梁 | 300.00 | 2.00 |
| 持出梁 | 300.00 | 2.00 |
| 勾配梁 | 200.00 | 2.00 |
| 隅木 | 200.00 | 2.00 |
| 谷木 | 200.00 | 3.00 |
| 大引 | 300.00 | 3.00 |
| 垂木 | 200.00 | 2.00 |

(4)構造計算パラメータ

| 項目 | 設定値 | | | | |
|---|---|---|---|---|---|
| | 1 階 | | 2 階 | | 3 階 |
| 柱座屈長さ算出係数（想定梁せい） | 200.00 | | 200.00 | | 200.00 |
| 筋かい最大傾斜以上：筋かいの許容せん断と剛性低減 | 考慮する | | | | |
| 筋かい有効角度 | 最小 | 1.00 | | 最大 | 3.50 |
| 建物の振動特性係数 Ｒｔ | 1.00 | | | | |
| 建物の設計用固有周期算出係数 | 0.030 | | | | |
| 標準せん断力係数 Ｃｏ | 0.20 | | | | |
| 押え効果係数（出隅の柱頭は標準計算法のみ有効） | 一般の柱 | 出隅の柱 | | 外部耐力壁に取り付く柱 | 隅部耐力壁に取り付く柱 |
| | | 柱頭 | 柱脚 | | |
| | 0.50 | 0.50 | 0.80 | 0.80 | 0.50 |
| 耐力壁の基準耐力 | 1960.00 | | | | |
| 耐力壁の許容耐力係数 | 1.00 | | | | |
| アンカーボルト有効断面積算出用係数 | 0.75 | | | | |
| 隣接する柱の鉛直荷重係数 | 0.00 | | | | |
| | 多雪長期 | | | 多雪地震又は風＋雪 | |
| 積雪荷重係数 | 0.70 | | | 0.35 | |
| 土台のアンカーボルトによる欠損係数 | 0.80 | | | | |
| 壁荷重の計算方法 | 壁の上部・下部を上階、下階に分配 | | | | |
| 構造材端部の柱のめり込み係数 | 0.80 | | | | |
| 建築物のCpi＋風下の係数 | -0.40 | | | | |
| 建物の固有周期算定条件 | hは最高軒高と最高高さの中間 | | | | |
| 支点とみなす交差地中梁（べた基礎）長さ(m) | 1.00 | | | | |
| 耐力壁倍率合計の上限値 | 7.00 | | | | |
| 壁倍率合計（準耐含）の上限値 | 7.00 | | | | |
| Ｎ値計算用壁倍率の上限値（４６条壁量計算） | 7.00 | | | | |
| | 土台 | | 梁 | | オーバーハング |
| 剛性低減の有無 | しない | | する | | する |
| １階耐力壁剛性低減を行なわない接点荷重(kN以上) | 15.00 | | | | |
| | 1 階 | | 2 階 | | 3 階 |
| 耐力壁剛性低減における支点間距離（cm） | 40.00 | | 85.00 | | 85.00 |
| 床倍率に対する許容耐力係数（N） | 1960.00 | | | | |
| 許容せん断耐力の上限 | 考慮しない | | | | |
| （考慮する場合に有効）許容せん断耐力の上限（kN/m） | 13.72 | | | | |
| 断面欠損の考慮 | 梁中間部 | する | | 梁端部 | する |
| 断面係数Z用断面欠損係数（%） | 梁片方 | 梁両方 | | 根太片方 | 根太両方 |
| | 10.00 | 20.00 | | 10.00 | 10.00 |
| | 梁片方、根太片方 | | 持出梁支点片方 | | 持出梁支点両方 |
| | 20.00 | | 40.00 | | 60.00 |

| 項目 | 設定値 | | | |
|---|---|---|---|---|
| 断面2次モーメントI用断面欠損係数（%） | 梁片方 | 梁両方 | 根太片方 | 根太両方 |
| | 10.00 | 20.00 | 10.00 | 10.00 |
| | 梁片方、根太片方 | 持出梁支点片方 | 持出梁支点両方 | |
| | 20.00 | 40.00 | 60.00 | |
| 準耐力壁の条件:横架材間の内法距離に対する割合(%以上) | 80.00 | | | |
| 腰壁等の条件:横架材間の内法距離に対する割合(%未満) | 80.00 | | | |
| 腰壁等の条件:最低高さ(mm以上) | 360.00 | | | |
| 腰壁等の条件:面材最大巾(mm以下) | 2000.00 | | | |
| 面材耐力壁の条件 | 最小長さ(cm) | 60.00 | 高さH/長さL | 5.00 |
| 面材準耐力壁の条件 | 最小長さ(cm) | 60.00 | 高さH/長さL | 5.00 |
| アンカーボルトせん断耐力検定の許容距離（cm） | 40.00 | | | |
| 基礎梁端部の支持状態 | ピン支持 | | | |
| 基礎梁端部の引抜時の支持状態 | 自由端 | | | |
| | 筋かい、面材用 | | 木ずり、土壁用 | |
| 壁の剛性算定用せん断変形角(1/n)(rad) | 150.00 | | 120.00 | |
| 層間変形角算定用係数 | 150.00 | | | |
| | 耐力壁 | 準耐力壁 | 腰壁、垂壁 | |
| 直交金物耐力を考慮する面材幅高さ比 | 2.00 | 2.00 | 2.00 | |
| 直交する金物耐力を負担する余力の割合（%） | 0.00 | | | |
| | 筋かい | | 水平構面外周 | |
| 横架材端部の検討方法 | 引張を考慮する | | 引張を考慮する | |
| | Z | | I | |
| 枕梁の係数 | 0.75 | | 0.70 | |
| | 梁 | | 母屋 | |
| 荷重伝達におけるレベル差の許容値δ | 0.00 | | 0.00 | |
| | 上部→上梁 | 上部→下梁 | 下部→上梁 | 下部→下梁 |
| 二重梁への壁荷重分配値 | 100.00 | 0.00 | 50.00 | 50.00 |
| | 地震 | | 風圧 | |
| ねじれ補正を考慮する偏心率（下限値） | 0.15 | | 0.00 | |
| | 対抗梁がない場合 | 対抗梁がある場合 | 算定梁の梁せいが 150以下の場合 | 算定梁の梁せいが 150より大きい場合 |
| 持出梁端部の仕口強度検定用比率 | 0.50 | 0.30 | 0.17 | 0.40 |
| 柱頭柱脚接合部（金物工法）のせん断の同時検討 | 行う(筋かいのみ対象：Ｃμを考慮) | | | |
| 耐風梁の検討 | 弱軸+強軸 | | | |
| 反曲点高比に相当する係数(単純基礎梁用) | 0.50 | | | |

## 2.1 平面図

### (1) 1階平面図

| 筋かい |
| --- |
| たすき掛筋かい(45×90) |
| 片方向筋かい(45×90)　上　下 |
| 面材 |
| JAS構造用合板(特類)7.5mm |

## (2) ２階平面図

| 筋かい |
| --- |
| たすき掛筋かい(45×90) |
| 片方向筋かい(45×90) 上 下 |
| 面材 |
| JAS構造用合板(特類)7.5mm |

## 2.2 屋根伏図

### (1)1階屋根伏図

## (2)2階屋根伏図

Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
28797
15605
12266
28660
1.0/10
1.5/10
1.0/10
2.5/10
2.5/10
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

## 2.3 床伏図

### (1)1階床伏図

## (2)2階床伏図

凡例
<柱>
当階
下階
<火打ち>
<梁>
梁断面
吹抜
階段室
28420
23750
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10

## 2.4 小屋伏図

凡例
<柱>
当階
下階
<火打ち>
<梁>
梁断面
28797
28660
7097
20685
20385
1.0/10
1.5/10
2.5/10
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10

## 2.5 母屋伏図

### (1)1階母屋伏図

## (2)2階母屋伏図

凡例
＜小屋束＞
当階
＜梁＞
特記無き限り120×150とする
＜母屋＞
母屋せい
＜2階母屋樹種＞
特記なし:欧州赤松集成材(E105-F300)
28797
15605
12266
28660
1.0/10
1.5/10
2.5/10
勾配梁
120x210
120x330
120x420
120x180
120x240
120x300
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

## 2.6 立面図

(1) 南側立面図

(2) 東側立面図

Z4
最高高さ 10994
Z3
軒高 8395
Z2
2FL 4905
Z1
1FL 1225
Z0
GL ±0
2599
3490
3680
1225
100
15
100
25
100
10
100
10
100
5
100
5
1100
1203
953
597
1270
2950
4498
7097
455
21840
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

(3) 北側立面図

Z4
最高高さ 10994
2599
100
10
100
10
Z3
軒高 8395
3490
Z2
2FL 4905
3680
Z1
1FL 1225
1225
Z0
GL ±0
12292
10018
6050
28360
X22 X21 X20 X19 X18 X17 X16 X15 X14 X13 X12 X11 X10 X9 X8 X7 X6 X5 X4 X3 X2 X1 X0

(4) 西側立面図

Z4
最高高さ 10994
Z3
軒高 8395
Z2
2FL 4905
Z1
1FL 1225
Z0
GL ±0
2599
3490
3680
1225
100
15
100
25
100
10
100
5
100
5
455
11595
2950
1270
597
953
1203
1100
21840
Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0

## 2.7 断面図

### 断面図(南)

断面図(東)

## 2.8 水平構面図

### (1)2階床水平構面伏図

## (2)小屋水平構面伏図

凡例
＜床水平構面＞
F3
(7.84)
根太レス床24ｽﾘ
N75@150以下
＜屋根水平構面＞
R1
(1.37)
構造用合板（勾配30以下）9ｽﾘ
垂木@500転ばし
N50@150以下
＜火打ち水平構面＞
H1
(許容せん断耐力)
火打ち金物HB
＜火打ち＞
＜耐力壁線＞
(仮想)
28360
15605
463
9140
3152
2275
8190
9820
20285
7097
5680
2950
2382
302
3640
2364
4068
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

# 2.9 床面積計算式図

## (1) 1階床面積計算式図

### 1階床面積計算式表

| No. | 部屋名 | 床面積(㎡) | No. | 部屋名 | 床面積(㎡) |
|---|---|---|---|---|---|
| 1 | 玄関 | 11.4933 | 17 | 会議室 | 44.4366 |
| 2 | 事務室 | 34.4799 | 18 | 食堂 | 36.0359 |
| 3 | 収納 | 9.5778 | 19 | 玄関(1階) | 4.1405 |
| 4 | 会議室 | 51.1352 | 20 | 階段室 | 3.8595 |
| 5 | 収納 | 1.3650 | 21 | 廊下 | 12.4483 |
| 6 | 収納 | 1.3650 | 22 | 収納 | 5.1738 |
| 7 | トイレ | 15.2744 | 23 | トイレ | 13.6635 |
| 8 | 廊下 | 4.3680 | 24 | 廊下 | 20.2147 |
| 9 | トイレ | 6.8114 | | 合計 | 472.7104 |
| 10 | 会議室 | 54.5864 | | | |
| 11 | 給湯室 | 14.8952 | | | |
| 12 | EV | 3.1304 | | | |
| 13 | ホール | 106.0946 | | | |
| 14 | 廊下 | 8.1286 | | | |
| 15 | 廊下 | 7.2069 | | | |
| 16 | 収納 | 2.8255 | | | |

(2) 2階床面積計算式図

2階床面積計算式表

| No. | 部屋名 | 床面積(㎡) | No. | 部屋名 | 床面積(㎡) |
|---|---|---|---|---|---|
| 1 | 洗面 | 8.0520 | 17 | トイレ | 17.3780 |
| 2 | 会議室 | 33.5836 | 18 | 廊下 | 24.0076 |
| 3 | 会議室 | 13.1245 | 19 | 会議室 | 14.7056 |
| 4 | 給湯室 | 3.8220 | 20 | 収納 | 1.6562 |
| 5 | 階段室 | 7.0350 | 21 | 収納 | 1.6562 |
| 6 | トイレ | 1.8018 | 22 | 物入 | 1.3650 |
| 7 | 廊下 | 2.1879 | 23 | 会議室 | 43.2407 |
| 8 | トイレ | 14.2203 | 24 | 階段室 | 10.9740 |
| 9 | 廊下 | 6.2108 | 25 | 物入れ | 0.2093 |
| 10 | EV | 2.7300 | 26 | ホール | 34.1791 |
| 11 | 会議室 | 55.9462 | 27 | ベランダ | 3.7580 |
| 12 | 会議室 | 61.7936 | 28 | 小屋裏収納 | 40.4859 |
| 13 | 吹抜 | ― | 29 | ベランダ | 3.7264 |
| 14 | 廊下 | 47.3814 | | 合計 | 462.4201 |
| 15 | 収納 | 6.5490 | | | |
| 16 | 収納 | 0.6400 | | | |

# 2.10 見付面積計算式図

## (1) X方向見付面計算式図

X方向見付面積

| | | | |
|---|---|---|---|
| 1 階 | Ⓐ | (0.140＋0.162) × 0.438 / 2 | 0.07㎡ |
| | Ⓑ | (2.363＋2.418) × 1.100 / 2 | 2.63㎡ |
| | Ⓒ | 20.475 × 3.680 | 75.35㎡ |
| | Ⓓ | (3.051＋3.119) × 1.365 / 2 | 4.21㎡ |
| | Ⓔ | (0.418＋0.441) × 0.448 / 2 | 0.19㎡ |
| | | 合計 | 82.45㎡ |
| 2 階 | Ⓕ | (0.309＋0.250) × 0.238 / 2 | 0.07㎡ |
| | Ⓖ | (4.738＋2.259) × 9.914 / 2 | 34.69㎡ |
| | Ⓗ | (3.494＋4.738) × 8.296 / 2 | 34.14㎡ |
| | Ⓘ | (0.250＋0.286) × 0.238 / 2 | 0.06㎡ |
| | Ⓙ | (2.424＋2.448) × 0.238 / 2 | 0.58㎡ |
| | Ⓚ | (2.221＋2.424) × 2.027 / 2 | 4.71㎡ |
| | Ⓛ | 0.010 × 0.100 | 0.00㎡ |
| | | 合計 | 74.25㎡ |

(2) Y方向見付面計算式図

Y方向見付面積

| | | | |
|---|---|---|---|
| 1 階 | Ⓐ | 0.060 × 0.077 | 0.00㎡ |
| | Ⓑ | 0.060 × 0.093 | 0.01㎡ |
| | Ⓒ | 28.360 × 3.680 | 104.37㎡ |
| | | 合計 | 104.38㎡ |
| 2 階 | Ⓓ | 0.300 × 2.530 | 0.76㎡ |
| | Ⓔ | 15.905 × 4.739 | 75.38㎡ |
| | Ⓕ | 4.981 × 3.308 | 16.48㎡ |
| | Ⓖ | 0.087 × 3.252 | 0.28㎡ |
| | Ⓗ | 0.087 × 0.043 / 2 | 0.00㎡ |
| | Ⓘ | (3.054+3.252) × 0.993 / 2 | 3.13㎡ |
| | Ⓙ | 2.364 × 3.054 | 7.22㎡ |
| | Ⓚ | (2.248+3.054) × 4.031 / 2 | 10.69㎡ |
| | Ⓛ | 0.137 × 0.027 / 2 | 0.00㎡ |
| | | 合計 | 113.94㎡ |

(3) X方向見付面計算式図(階高の1/2)

X方向見付面積

| | | | |
|---|---|---|---|
| 1 階 | Ⓐ | (0.140＋0.162) × 0.438 / 2 | 0.07㎡ |
| | Ⓑ | (1.861＋1.916) × 1.100 / 2 | 2.08㎡ |
| | Ⓒ | 20.475 × 3.599 | 73.68㎡ |
| | Ⓓ | (2.549＋2.617) × 1.365 / 2 | 3.53㎡ |
| | Ⓔ | (0.418＋0.441) × 0.448 / 2 | 0.19㎡ |
| | | 合計 | 79.54㎡ |
| 2 階 | Ⓕ | (0.309＋0.250) × 0.238 / 2 | 0.07㎡ |
| | Ⓖ | (4.317＋1.839) × 9.914 / 2 | 30.52㎡ |
| | Ⓗ | (3.073＋4.317) × 8.296 / 2 | 30.65㎡ |
| | Ⓘ | (2.004＋2.027) × 0.238 / 2 | 0.48㎡ |
| | Ⓙ | (0.250＋0.286) × 0.238 / 2 | 0.06㎡ |
| | Ⓚ | (1.801＋2.004) × 2.027 / 2 | 3.86㎡ |
| | Ⓛ | 0.010 × 0.100 | 0.00㎡ |
| | | 合計 | 65.64㎡ |

(4) Y方向見付面計算式図(階高の1/2)

Y方向見付面積

| | | | |
|---|---|---|---|
| 1 階 | Ⓐ | 0.060 × 0.077 | 0.00㎡ |
| | Ⓑ | 0.060 × 0.093 | 0.01㎡ |
| | Ⓒ | 28.360 × 3.599 | 102.05㎡ |
| | | 合計 | 102.07㎡ |
| 2 階 | Ⓓ | 0.300 × 2.530 | 0.76㎡ |
| | Ⓔ | 15.905 × 4.319 | 68.69㎡ |
| | Ⓕ | 4.981 × 2.888 | 14.38㎡ |
| | Ⓖ | 0.087 × 2.832 | 0.25㎡ |
| | Ⓗ | 0.087 × 0.043 / 2 | 0.00㎡ |
| | Ⓘ | (2.634+2.832) × 0.993 / 2 | 2.71㎡ |
| | Ⓙ | 2.364 × 2.634 | 6.23㎡ |
| | Ⓚ | (1.827+2.634) × 4.031 / 2 | 8.99㎡ |
| | Ⓛ | 0.137 × 0.027 / 2 | 0.00㎡ |
| | | 合計 | 102.01㎡ |

## 2.11 柱頭柱脚金物配置図

### (1)1階柱頭柱脚金物配置

## (2)2階柱頭柱脚金物配置

## 3.1 下部横架材の曲げを考慮した剛性の算定

(1) 土台及びアンカーボルト

検定必要箇所がないため省略

(2) 梁

梁上耐力壁の有効せん断剛性算定表

| 階 | 方向 | 梁架構条件 | | | 接点座標 | 耐力壁 | | | | 接点荷重 | 接点のたわみ δi(cm) | | 剛性低減 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1次梁 | 2次梁 | | | 幅 | 壁倍率 | 許容耐力 | 剛性 Ki | | | | 有効剛性Ki' | 低減係数Ci |
| | | | －側 | ＋側 | | (m) | | Pi(kN) | (kN/rad) | Ni(kN) | 1次梁 | 2次梁 | (kN/rad) | (Ki'/Ki) |
| 2 | ＋ | X0Y8<br>-X3Y8<br>L=4.21<br>h=330<br>単純梁<br>E=10500 | X0又<br>-X0Y9<br>L=1.36<br>h=330<br>単純梁 | － | X0Y8 | 1.02 | 2.50 | 5.02 | 753.00 | -4.22 | － | -0.005 | 479.86 | 0.63 |
| | | | | | 又X1Y8 | | | | | 17.34 | 0.388 | － | | |
| | | | | | X3Y8 | 3.19 | － | － | － | 4.22 | － | － | － | － |
| 2 | － | X0Y8<br>-X3Y8<br>L=4.21<br>h=330<br>単純梁<br>E=10500 | X0又<br>-X0Y9<br>L=1.36<br>h=330<br>単純梁 | － | X0Y8 | 1.02 | 1.50 | 3.02 | 453.00 | 2.54 | － | 0.003 | 337.45 | 0.74 |
| | | | | | 又X1Y8 | | | | | -10.43 | -0.233 | － | | |
| | | | | | X3Y8 | 3.19 | － | － | － | -2.54 | － | － | － | － |
| 2 | ＋ | X1Y5<br>-X3Y5<br>L=3.33<br>h=330<br>単純梁<br>E=10500 | － | X3又<br>-X3又<br>L=6.70<br>h=800<br>単純梁 | X1Y5 | 0.03<br>(0.91) | 3.60 | 0.21 | 31.80 | -22.48 | － | － | － | － |
| | | | | | 又X1Y5 | | | | | -9.67 | 0.015 | － | | |
| | | | | | 又Y5 | 1.48 | 5.00 | 14.50 | 2175.00 | 9.67 | 0.552 | － | 1345.98 | 0.61 |
| | | | | | X2Y5 | 0.91 | 3.60 | 6.43 | 964.50 | 25.02 | 0.459 | － | 1051.68 | 1.09(1.00) |
| | | | | | X3Y5 | 0.91 | － | － | － | 22.48 | － | 0.157 | － | － |
| 2 | － | X1Y5<br>-X3Y5<br>L=3.33<br>h=330<br>単純梁<br>E=10500 | － | X3又<br>-X3又<br>L=6.70<br>h=800<br>単純梁 | X1Y5 | 0.03<br>(0.91) | 3.60 | 0.21 | 31.80 | 22.48 | － | － | － | － |
| | | | | | 又X1Y5 | | | | | 9.67 | -0.015 | － | | |
| | | | | | 又Y5 | 1.48 | 5.00 | 14.50 | 2175.00 | -9.67 | -0.552 | － | 1345.98 | 0.61 |
| | | | | | X2Y5 | 0.91 | 3.60 | 6.43 | 964.50 | -25.02 | -0.459 | － | 1051.68 | 1.09(1.00) |
| | | | | | X3Y5 | 0.91 | － | － | － | -22.48 | － | -0.157 | － | － |
| 2 | ＋ | X2<br>-X2<br>L=0.91<br>h=150<br>単純梁<br>E=10500 | X1<br>-X3<br>L=3.33<br>h=210<br>単純梁 | X1<br>-X3<br>L=3.33<br>h=330<br>単純梁 | X2 | 0.91<br>(1.53) | 4.00 | 7.14 | 1070.59 | -27.77 | － | -1.387 | 276.33 | 0.25 |
| | | | | | X2 | | | | | 27.77 | － | 0.357 | | |
| 2 | － | X2<br>-X2<br>L=0.91<br>h=150<br>単純梁<br>E=10500 | X1<br>-X3<br>L=3.33<br>h=210<br>単純梁 | X1<br>-X3<br>L=3.33<br>h=330<br>単純梁 | X2 | 0.91<br>(1.53) | 4.00 | 7.14 | 1070.59 | 27.77 | － | 1.387 | 276.33 | 0.25 |
| | | | | | X2 | | | | | -27.77 | － | -0.357 | | |
| 2 | ＋ | X3又<br>-X3又<br>L=6.70<br>h=800<br>単純梁<br>E=12000 | － | － | X3又 | 5.17 | － | － | － | -6.34 | － | － | － | － |
| | | | | | X3Y6 | | | | | -27.76 | -0.113 | － | | |
| | | | | | X3又 | 1.53<br>(1.82) | 4.00 | 12.00 | 1799.43 | 6.34 | － | － | 1620.63 | 0.90 |
| 2 | － | X3又<br>-X3又<br>L=6.70<br>h=800<br>単純梁<br>E=12000 | － | － | X3又 | 5.17 | － | － | － | 6.34 | － | － | － | － |
| | | | | | X3Y6 | | | | | 27.76 | 0.113 | － | | |
| | | | | | X3又 | 1.53<br>(1.82) | 4.00 | 12.00 | 1799.43 | -6.34 | － | － | 1620.63 | 0.90 |

| 階 | 方向 | 梁架構条件 | | | 接点 | 耐力壁 | | | | 接点 | 接点のたわみ | | 剛性低減 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | １次梁 | ２次梁 | | 座標 | 幅 | 壁倍率 | 許容耐力 | 剛性 Ki | 荷重 | δ i (cm) | | 有効剛性Ki' | 低減係数Ci |
| | | | －側 | ＋側 | | (m) | | Pi(kN) | (kN/rad) | Ni(kN) | １次梁 | ２次梁 | (kN/rad) | (Ki'/Ki) |
| 2 | ＋ | X３Y６<br>-X５Y６<br>L=3.21<br>h=330<br>単純梁<br>E=10500 | X３又<br>-X３又<br>L=6.70<br>h=800<br>単純梁 | X５Y４<br>-X５<br>L=9.10<br>h=1230<br>単純梁 | X３Y６ | 1.11 | 5.00 | 10.84 | 1626.00 | -34.71 | － | -0.141 | 1426.00 | 0.87 |
| | | | | | Y６ | | | | | 0.04 | 0.001 | － | | |
| | | | | | X５Y６ | 2.10 | 5.00 | 20.58 | 3087.00 | 34.71 | － | 0.157 | 2709.88 | 0.87 |
| 2 | － | X３Y６<br>-X５Y６<br>L=3.21<br>h=330<br>単純梁<br>E=10500 | X３又<br>-X３又<br>L=6.70<br>h=800<br>単純梁 | X５Y４<br>-X５<br>L=9.10<br>h=1230<br>単純梁 | X３Y６ | 1.11 | 5.00 | 10.84 | 1626.00 | 34.71 | － | 0.141 | 1426.00 | 0.87 |
| | | | | | Y６ | | | | | -0.04 | -0.001 | － | | |
| | | | | | X５Y６ | 2.10 | 5.00 | 20.58 | 3087.00 | -34.71 | － | -0.157 | 2709.88 | 0.87 |
| 2 | ＋ | X５Y４<br>-X５<br>L=9.10<br>h=1230<br>単純梁<br>E=10500 | － | － | X５Y４ | 1.82 | 1.50 | 5.35 | 802.50 | -9.20 | － | － | 826.53 | 1.02(1.00) |
| | | | | | X５ | | | | | 10.41 | -0.035 | － | | |
| | | | | | X５Y６ | 4.55 | － | － | － | -27.76 | -0.076 | － | － | － |
| | | | | | X５Y７ | 1.82 | 4.00 | 14.27 | 2140.50 | 12.12 | -0.030 | － | 2061.55 | 0.96 |
| | | | | | X５ | 0.91 | 2.25 | 4.02 | 603.00 | 9.20 | － | － | 574.86 | 0.95 |
| 2 | － | X５Y４<br>-X５<br>L=9.10<br>h=1230<br>単純梁<br>E=10500 | － | － | X５Y４ | 1.82 | 2.50 | 8.92 | 1338.00 | 9.96 | － | － | 1350.09 | 1.00 |
| | | | | | X５ | | | | | -17.36 | 0.011 | － | | |
| | | | | | X５Y６ | 4.55 | － | － | － | 27.76 | 0.046 | － | － | － |
| | | | | | X５Y７ | 1.82 | 4.00 | 14.27 | 2140.50 | -18.39 | 0.018 | － | 2091.29 | 0.97 |
| | | | | | X５ | 0.91 | 1.35 | 2.41 | 361.50 | -9.96 | － | － | 351.25 | 0.97 |
| 2 | ＋ | 又Y１<br>-X９Y１<br>L=1.36<br>h=300<br>単純梁<br>E=10500 | 又Y０<br>-又Y２<br>L=5.92<br>h=390<br>単純梁 | － | 又Y１ | 1.37 | 1.50 | 4.02 | 603.00 | -10.43 | － | -0.232 | 480.67 | 0.79 |
| | | | | | X９Y１ | | | | | 10.43 | － | － | | |
| 2 | － | 又Y１<br>-X９Y１<br>L=1.36<br>h=300<br>単純梁<br>E=10500 | 又Y０<br>-又Y２<br>L=5.92<br>h=390<br>単純梁 | － | 又Y１ | 1.37 | 2.50 | 6.68 | 1002.00 | 17.33 | － | 0.385 | 704.19 | 0.70 |
| | | | | | X９Y１ | | | | | -17.33 | － | － | | |

3.2 令４６条に定める壁量の算定

(1) 建物規模・令４６条に定める壁量の算定

| | | | | |
|---|---|---|---|---|
| 建物最高軒高 | | | 9622mm | |
| 建物最高高さ | | | 10994mm | |
| | 評価項目 | | １階 | ２階 |
| 地震力に対する | 床面積 | | 472.71㎡ | 462.42㎡ |
| | (小屋裏収納面積)<ＰＨ階> | | | (60.73㎡) |
| | 地震力に対する壁量係数 | | 29.00cm/㎡ | 15.00cm/㎡ |
| | 必要壁量 | | 13708.60cm | 6936.30cm |
| 風圧力に対する | 見付面積 | Ｘ方向 | 156.70㎡ | 74.25㎡ |
| | | Ｙ方向 | 218.32㎡ | 113.94㎡ |
| | 風圧力に対する壁量係数 | | 50.00cm/㎡ | |
| | 必要壁量 | Ｘ方向 | 7835.00cm | 3712.50cm |
| | | Ｙ方向 | 10916.00cm | 5697.00cm |
| 壁量チェック | 必要壁量 Ｌｎ | Ｘ方向 | 13708.60cm | 6936.30cm |
| | | Ｙ方向 | 13708.60cm | 6936.30cm |
| | 存在壁量 Ｌｄ | Ｘ方向 | 23316.37cm | 12739.85cm |
| | | Ｙ方向 | 24793.00cm | 13770.95cm |
| | Ｌｄ／Ｌｎ | Ｘ方向 | 1.70 | 1.84 |
| | | Ｙ方向 | 1.81 | 1.99 |
| | 不足長さ | Ｘ方向 | -9607.77cm | -5803.55cm |
| | | Ｙ方向 | -11084.40cm | -6834.65cm |
| | 偏心率 | Ｘ方向 | 0.00 | 0.01 |
| | | Ｙ方向 | 0.02 | 0.09 |
| | 判定 | Ｘ方向 | OK | OK |
| | | Ｙ方向 | OK | OK |

床面積にかける係数

| 屋根の種類 | 階数 | 階 | 係数（cm/㎡） |
|---|---|---|---|
| 軽い屋根<br>・金属板<br>・スレート葦等 | 平屋 | | 11 |
| | ２階建 | ２階 | 15 |
| | | １階 | 29 |
| | ３階建 | ３階 | 18 |
| | | ２階 | 34 |
| | | １階 | 46 |
| 重い屋根<br>・土蔵造<br>・瓦葦等 | 平屋 | | 15 |
| | ２階建 | ２階 | 21 |
| | | １階 | 33 |
| | ３階建 | ３階 | 24 |
| | | ２階 | 39 |
| | | １階 | 50 |

見付面積にかける係数

| | 係数（cm/㎡） |
|---|---|
| 特定行政庁が特に強い風が吹くとして定めた地域 | 50～75の間で特定行政庁が定めた値 |
| その他の地域 | 50 |

(2) 耐力壁の配置と設計壁量Ld及び許容耐力Piの算定

①２階耐力壁の配置

２階Ｘ方向

| 通り | αij × lij | αili(cm)=Σαijlij | Pi(kN)=αili／100×1.960 | Dx・(Ly-Gy)^2 |
|---|---|---|---|---|
| Ｙ１ | 2.00 × 332.00<br>4.00 × 195.50 | 1446.00 | 28.34 | 541758.18 |
| 又 | 1.25 × 36.00<br>2.17 × 78.81 | 215.63 | 4.23 | 52876.91 |
| 又 | 1.73 × 90.50 | 156.75 | 3.07 | 34703.94 |
| 又 | 1.00 × 91.00 | 91.00 | 1.78 | 19372.35 |
| 又 | 1.00 × 91.00 | 91.00 | 1.78 | 7677.75 |
| 又 | 1.00 × 91.00 | 91.00 | 1.78 | 4203.35 |
| Ｙ３ | 2.00 × 500.50<br>4.00 × 284.50 | 2139.00 | 41.92 | 88138.61 |
| 又Ｙ３ | 1.73 × 110.33 | 191.10 | 3.75 | 5882.32 |
| 又 | 1.73 × 120.38 | 208.50 | 4.09 | 2700.02 |
| 又Ｙ４ | 3.46 × 157.62 | 546.00 | 10.70 | 3163.02 |
| 又Ｙ４ | 1.25 × 77.50 | 96.87 | 1.90 | 91.74 |
| 又 | 2.17 × 137.27 | 297.19 | 5.83 | 373.45 |
| 又 | 1.25 × 104.50 | 130.63 | 2.56 | 230.53 |
| 又 | 1.00 × 45.50 | 45.50 | 0.89 | 165.17 |
| 又 | 1.25 × 77.50<br>2.17 × 157.62 | 438.13 | 8.59 | 2020.52 |
| 又 | 2.17 × 137.27 | 297.19 | 5.83 | 1827.59 |
| 又 | 1.73 × 157.62 | 273.00 | 5.35 | 2895.20 |
| 又 | 2.17 × 148.96 | 322.50 | 6.32 | 4433.69 |
| Ｙ５ | 4.00 × 182.00<br>5.00 × 148.00 | 1468.00 | 28.77 | 20347.11 |
| 又Ｙ５ | 1.25 × 77.50 | 96.88 | 1.90 | 1917.63 |
| 又Ｙ５ | 1.73 × 157.62 | 273.00 | 5.35 | 6334.27 |
| 又Ｙ５ | 1.25 × 45.50 | 56.88 | 1.12 | 1436.67 |
| 又 | 1.73 × 108.69 | 188.25 | 3.69 | 7655.89 |
| 又 | 1.25 × 52.50 | 65.62 | 1.29 | 2990.69 |
| 又 | 1.25 × 77.50 | 96.87 | 1.90 | 5426.06 |
| 又 | 1.25 × 40.00 | 50.00 | 0.98 | 3452.74 |
| Ｙ６ | 5.00 × 320.50 | 1602.50 | 31.41 | 113178.35 |
| 又 | 2.17 × 157.62 | 341.25 | 6.69 | 41729.35 |
| 又 | 1.73 × 78.81<br>2.17 × 78.81 | 307.13 | 6.02 | 61016.40 |
| Ｙ８ | 2.00 × 444.50<br>2.50 × 91.00 | 1116.50 | 21.88 | 265663.21 |
| 計 | | Ld = 12739.85 | 249.70 | Jx = 1303662.70 |

２階Ｙ方向

| 通り | αij × lij | αili(cm)=Σαijlij | Pi(kN)=αili／100×1.960 | Dy・(Lx-Gx)^2 |
|---|---|---|---|---|
| ＸＯ | 2.00 × 409.50<br>2.50 × 182.00<br>4.00 × 318.50<br>5.00 × 91.00 | 3003.00 | 58.86 | 1155102.22 |
| Ｘ２ | 4.00 × 153.00 | 612.00 | 12.00 | 119167.77 |
| Ｘ３ | 4.00 × 182.00 | 728.00 | 14.27 | 111826.00 |
| Ｘ５ | 2.00 × 819.00<br>4.00 × 182.00 | 2366.00 | 46.37 | 112593.18 |
| 又Ｘ７ | 2.50 × 182.00 | 455.00 | 8.92 | 4787.35 |
| Ｘ８ | 5.00 × 155.00 | 775.00 | 15.19 | 26212.08 |
| Ｘ９ | 1.25 × 79.25<br>2.00 × 455.00<br>2.50 × 182.00 | 1464.06 | 28.70 | 74731.85 |
| X10 | 1.25 × 86.00<br>2.17 × 134.23 | 398.13 | 7.80 | 30167.68 |
| 又X10 | 1.00 × 45.50 | 45.50 | 0.89 | 3597.11 |
| 又X10 | 1.25 × 79.25 | 99.06 | 1.94 | 8936.86 |
| 又X10 | 1.00 × 52.25 | 52.25 | 1.02 | 5003.84 |
| 又X11 | 1.25 × 91.00 | 113.75 | 2.23 | 14419.27 |
| 又X11 | 1.25 × 45.50 | 56.87 | 1.12 | 7310.97 |
| 又X11 | 1.25 × 45.50 | 56.88 | 1.12 | 7645.23 |
| 又X12 | 2.00 × 91.00 | 182.00 | 3.57 | 30315.02 |
| 又X12 | 2.17 × 62.35 | 135.00 | 2.65 | 23903.03 |
| 又X13 | 1.73 × 157.62 | 273.00 | 5.35 | 60337.59 |
| 又X14 | 2.17 × 134.23 | 290.63 | 5.70 | 67946.43 |
| 又X14 | 1.00 × 69.50 | 69.50 | 1.36 | 16932.08 |
| 又X15 | 2.17 × 134.23 | 290.62 | 5.70 | 80269.03 |
| 又X15 | 2.17 × 90.93 | 196.88 | 3.86 | 60426.73 |
| 又X15 | 1.73 × 157.62 | 273.00 | 5.35 | 88327.70 |
| 又X16 | 1.25 × 91.00<br>2.17 × 69.28 | 263.75 | 5.17 | 87414.55 |
| 又X16 | 1.00 × 63.70 | 63.70 | 1.25 | 23378.78 |
| 又X17 | 2.17 × 134.23 | 290.63 | 5.70 | 124475.18 |
| 又X18 | 1.00 × 62.75 | 62.75 | 1.23 | 29675.87 |
| 又X18 | 2.17 × 181.00 | 391.87 | 7.68 | 198161.46 |
| 又X19 | 1.00 × 91.00<br>2.17 × 78.81 | 261.62 | 5.13 | 145841.78 |
| 又X20 | 1.73 × 157.62 | 273.00 | 5.35 | 167523.66 |
| 又X21 | 1.00 × 91.00 | 91.00 | 1.78 | 63005.77 |
| 又 | 1.73 × 78.81 | 136.50 | 2.68 | 114918.34 |
| 計 | | Ld = 13770.95 | 269.91 | Jy = 3064354.41 |

αij：耐力壁の壁倍率
ｌij：耐力壁の長さ(cm)
Ｌd：設計壁量(cm)
Ｐi：許容耐力(kN)

②１階耐力壁の配置

Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

１階Ｘ方向

| 通り | αij × lij | αili(cm)=Σαijlij | Pi(kN)=αili／100×1.960 | Dx・(Ly-Gy)^2 |
|---|---|---|---|---|
| Ｙ０ | 2.50 × 75.00<br>4.00 × 302.50<br>5.00 × 211.50 | 2455.00 | 48.12 | 1000861.69 |
| 又 | 1.25 × 91.00<br>2.17 × 78.81 | 284.38 | 5.57 | 75019.09 |
| 又 | 2.17 × 78.81 | 170.63 | 3.34 | 40791.38 |
| 又 | 1.25 × 91.00 | 113.75 | 2.23 | 20852.21 |
| Ｙ２ | 4.00 × 338.50<br>5.00 × 304.00 | 2874.00 | 56.33 | 290226.22 |
| 又 | 1.00 × 68.25 | 68.25 | 1.34 | 3796.84 |
| 又 | 1.00 × 68.25 | 68.25 | 1.34 | 2751.20 |
| 又 | 2.00 × 45.50 | 91.00 | 1.78 | 3003.77 |
| Ｙ３ | 2.50 × 239.00<br>5.00 × 591.50 | 3555.00 | 69.68 | 102441.64 |
| 又Ｙ３ | 2.00 × 68.25 | 136.50 | 2.68 | 2856.29 |
| 又Ｙ３ | 2.00 × 45.50 | 91.00 | 1.78 | 1756.96 |
| 又 | 1.73 × 126.01 | 218.25 | 4.28 | 3143.07 |
| 又 | 5.00 × 110.42 | 552.09 | 10.82 | 3582.89 |
| 又 | 2.17 × 70.93 | 153.56 | 3.01 | 841.26 |
| Ｙ４ | 2.00 × 227.50 | 455.00 | 8.92 | 979.55 |
| 又Ｙ４ | 5.00 × 78.81 | 394.05 | 7.72 | 833.52 |
| 又Ｙ４ | 3.46 × 118.21 | 409.50 | 8.03 | 488.60 |
| 又Ｙ４ | 5.00 × 78.81 | 394.04 | 7.72 | 179.13 |
| 又Ｙ４ | 1.25 × 45.50 | 56.87 | 1.12 | 6.58 |
| 又Ｙ４ | 3.46 × 118.21 | 409.50 | 8.03 | 2.49 |
| 又 | 1.25 × 45.50<br>1.25 × 45.50 | 113.75 | 2.23 | 116.29 |
| 又 | 3.46 × 197.02 | 682.50 | 13.38 | 1063.28 |
| 又 | 3.46 × 118.21 | 409.50 | 8.03 | 1731.56 |
| 又 | 1.25 × 45.50 | 56.88 | 1.12 | 317.41 |
| 又 | 2.50 × 77.50<br>5.00 × 150.00 | 943.75 | 18.50 | 11766.12 |
| 又Ｙ５ | 3.46 × 78.81 | 273.00 | 5.35 | 8191.92 |
| 又Ｙ５ | 4.00 × 114.00 | 456.00 | 8.94 | 17755.88 |
| 又Ｙ５ | 3.46 × 78.81 | 273.00 | 5.35 | 10691.65 |
| 又 | 1.25 × 92.50 | 115.62 | 2.27 | 7037.90 |
| 又 | 1.25 × 77.50<br>2.17 × 173.20 | 471.88 | 9.25 | 34375.34 |
| 又 | 3.46 × 78.81 | 273.00 | 5.35 | 22057.32 |
| 又Ｙ６ | 3.46 × 78.81 | 273.00 | 5.35 | 26051.98 |
| 又 | 1.25 × 75.00 | 93.75 | 1.84 | 12090.86 |
| Ｙ７ | 2.00 × 272.00<br>2.50 × 182.00<br>4.50 × 151.00 | 1678.50 | 32.90 | 265450.27 |
| 又Ｙ７ | 1.73 × 78.81 | 136.50 | 2.68 | 22376.96 |

１階Ｘ方向

| 通り | αij × lij | αili(cm)=Σαijlij | Pi(kN)=αili／100×1.960 | Dx・(Ly-Gy)^2 |
|---|---|---|---|---|
| 又 | 3.46 × 78.81 | 273.00 | 5.35 | 62627.94 |
| 又 | 2.17 × 78.81 | 170.63 | 3.34 | 43278.71 |
| Ｙ８ | 4.00 × 91.00<br>5.00 × 478.50 | 2756.50 | 54.03 | 748318.80 |
| Ｙ９ | 2.00 × 112.50<br>2.50 × 92.00<br>5.00 × 92.00 | 915.00 | 17.93 | 272479.29 |
| 計 | | Ld = 23316.37 | 457.00 | Jx = 3122193.88 |

１階Ｙ方向

| 通り | αij × lij | αili(cm)=Σαijlij | Pi(kN)=αili／100×1.960 | Dy・(Lx-Gx)^2 |
|---|---|---|---|---|
| ＸＯ | 2.00 × 637.00<br>2.50 × 91.00<br>4.50 × 182.00<br>5.00 × 682.50 | 5733.00 | 112.37 | 2125979.74 |
| Ｘ３ | 4.00 × 120.00<br>5.00 × 157.00 | 1265.00 | 24.79 | 183326.23 |
| Ｘ４ | 4.00 × 273.00<br>5.00 × 276.50 | 2474.50 | 48.50 | 205584.29 |
| | 4.00 × 182.00 | 728.00 | 14.27 | 44620.38 |
| Ｘ６ | 5.00 × 159.00 | 795.00 | 15.58 | 182.06 |
| Ｘ７ | 2.50 × 318.50<br>4.00 × 182.00<br>5.00 × 182.00 | 2434.25 | 47.71 | 25270.16 |
| Ｘ８ | 2.50 × 182.00 | 455.00 | 8.92 | 17327.83 |
| Ｘ９ | 2.00 × 318.50<br>4.00 × 474.00<br>4.50 × 182.00<br>5.00 × 369.50 | 5199.50 | 101.91 | 292472.11 |
| 又Ｘ９ | 2.00 × 68.25 | 136.50 | 2.68 | 8795.43 |
| 又X10 | 2.00 × 45.50 | 91.00 | 1.78 | 7780.97 |
| 又X10 | 1.25 × 45.50 | 56.87 | 1.12 | 6388.29 |
| 又X11 | 1.25 × 45.50 | 56.87 | 1.12 | 6572.83 |
| 又X11 | 2.17 × 134.23 | 290.62 | 5.70 | 39905.98 |
| 又X11 | 1.25 × 45.50 | 56.87 | 1.12 | 8329.08 |
| 又X12 | 1.00 × 45.50<br>2.17 × 129.90 | 326.75 | 6.40 | 57834.29 |
| 又X12 | 1.25 × 100.00 | 125.00 | 2.45 | 22307.95 |
| 又X12 | 3.25 × 45.50 | 147.88 | 2.90 | 26680.57 |
| 又X12 | 2.17 × 157.62 | 341.25 | 6.69 | 63692.99 |
| 又X13 | 2.00 × 113.75 | 227.50 | 4.46 | 46631.85 |
| 又X13 | 3.25 × 45.50 | 147.87 | 2.90 | 32318.36 |
| 又X13 | 2.17 × 157.62 | 341.25 | 6.69 | 79072.00 |
| 又X14 | 3.25 × 63.75 | 207.19 | 4.06 | 53937.85 |
| 又X15 | 2.00 × 68.25 | 136.50 | 2.68 | 42740.86 |
| 又X15 | 1.00 × 72.75<br>3.46 × 118.21 | 482.25 | 9.45 | 156736.80 |
| 又X15 | 1.73 × 118.21 | 204.75 | 4.01 | 68890.26 |
| 又X16 | 2.00 × 45.50<br>2.17 × 160.22 | 437.88 | 8.58 | 150848.14 |
| 又X16 | 2.00 × 68.25 | 136.50 | 2.68 | 53092.92 |
| 又X16 | 2.00 × 45.50 | 91.00 | 1.78 | 36080.06 |
| 又X17 | 1.73 × 118.21 | 204.75 | 4.01 | 91172.75 |
| 又X19 | 3.46 × 78.81 | 273.00 | 5.35 | 161827.66 |
| 又X19 | 2.00 × 45.50 | 91.00 | 1.78 | 55254.97 |
| 又X20 | 1.25 × 40.95<br>3.46 × 78.81 | 324.19 | 6.35 | 204686.31 |

１階Ｙ方向

| 通り | αij × lij | αili(cm)=Σαijlij | Pi(kN)=αili／100×1.960 | Dy・(Lx-Gx)^2 |
|---|---|---|---|---|
| 又X20 | 2.00 × 45.50 | 91.00 | 1.78 | 61481.89 |
| 又X21 | 2.17 × 78.81 | 170.63 | 3.34 | 121524.54 |
| 又X21 | 2.17 × 78.81<br>2.17 × 78.81 | 341.25 | 6.69 | 257464.97 |
| 又X22 | 2.17 × 78.81 | 170.62 | 3.34 | 136148.01 |
| 計 | | Ld = 24793.00 | 485.94 | Jy = 4952961.40 |

αij：耐力壁の壁倍率
ｌij：耐力壁の長さ(cm)
Ｌd：設計壁量(cm)
Ｐi：許容耐力(kN)

(3) 偏心率

計算の原点は、座標の左下（Ｘ０、Ｙ０）とする。Ｘ方向、Ｙ方向は計算方向を示す。

Ｏｘ：Ｙ方向の重心位置(座標)
Ｏｙ：Ｘ方向の重心位置(座標)

Ｌｘ：Ｙ方向の耐力壁位置(座標)
Ｌｙ：Ｘ方向の耐力壁位置(座標)

Ｇｘ：Ｙ方向の剛心位置(座標)
Ｇｙ：Ｘ方向の剛心位置(座標)
Ｇｘ＝ΣＤＸｙ／ΣＤｙ
Ｇｙ＝ΣＤＹｘ／ΣＤｘ
ＤＹｘ＝Ｄｘ・Ｌｙ
ＤＸｙ＝Ｄｙ・Ｌｘ

Ｄｘ：Ｘ方向の壁剛性
Ｄｙ：Ｙ方向の壁剛性

ｅｘ：Ｙ方向の偏心距離
ｅｙ：Ｘ方向の偏心距離
ｅｘ＝｜Ｏｘ－Ｇｘ｜
ｅｙ＝｜Ｏｙ－Ｇｙ｜

ｒｅｘ：Ｘ方向弾力半径
ｒｅｙ：Ｙ方向弾力半径
ｒｅｘ＝√（（Ｊｘ＋Ｊｙ）／ΣＤｘ）
ｒｅｙ＝√（（Ｊｘ＋Ｊｙ）／ΣＤｙ）
Ｊｘ＋Ｊｙ：ねじり剛性
Ｊｘ＝Σ（Ｄｘ・（Ｌｙ－Ｇｙ）^2）
Ｊｙ＝Σ（Ｄｙ・（Ｌｘ－Ｇｘ）^2）

Ｒｅｘ：Ｘ方向偏心率
Ｒｅｙ：Ｙ方向偏心率
Ｒｅｘ＝ｅｙ／ｒｅｘ
Ｒｅｙ＝ｅｘ／ｒｅｙ

①偏心率の算定

| 方向 | 階 | Oy (m) | Gy (m) | ey (m) | Jx+Jy | rex (m) | Rex | 判定(≦0.30) |
|---|---|---|---|---|---|---|---|---|
| X | 2 | 12.287 | 12.389 | 0.102 | 4368017.12 | 10.799 | 0.009 | OK |
| | 1 | 11.729 | 11.776 | 0.047 | 8075155.29 | 10.854 | 0.004 | OK |

| 方向 | 階 | Ox (m) | Gx (m) | ex (m) | Jx+Jy | rey (m) | Rey | 判定(≦0.30) |
|---|---|---|---|---|---|---|---|---|
| Y | 2 | 10.533 | 11.438 | 0.905 | 4368017.12 | 10.387 | 0.087 | OK |
| | 1 | 11.418 | 11.231 | 0.188 | 8075155.29 | 10.525 | 0.018 | OK |

②重心の算定

２階Ｘ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｙ (m) | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| Ｙ１ | 49.56 | 1.100 | 54.52 |
| 又Ｙ１ | 0.21 | 1.781 | 0.37 |
| 又Ｙ１ | 5.19 | 1.820 | 9.45 |
| 又 | 1.22 | 2.303 | 2.81 |
| 又 | 2.33 | 2.730 | 6.37 |
| 又 | 2.61 | 3.185 | 8.30 |
| 又 | 3.03 | 3.256 | 9.87 |
| 又 | 7.17 | 3.640 | 26.08 |
| 又 | 3.33 | 3.711 | 12.36 |
| 又 | 2.23 | 3.879 | 8.66 |
| 又 | 5.65 | 4.095 | 23.15 |
| 又 | 8.29 | 4.233 | 35.07 |
| 又 | 3.65 | 5.456 | 19.89 |
| Ｙ２ | 18.16 | 5.915 | 107.40 |
| 又 | 4.03 | 7.032 | 28.33 |
| 又 | 0.54 | 7.243 | 3.93 |
| 又 | 3.28 | 7.280 | 23.90 |
| | 6.44 | 7.735 | 49.82 |
| 又 | 3.19 | 8.425 | 26.86 |
| 又 | 4.42 | 8.608 | 38.01 |
| Ｙ３ | 63.20 | 8.645 | 546.40 |
| 又Ｙ３ | 3.40 | 9.153 | 31.12 |
| 又Ｙ３ | 3.81 | 9.335 | 35.58 |
| 又 | 4.17 | 9.790 | 40.79 |
| 又 | 4.15 | 10.001 | 41.48 |
| 又 | 3.02 | 10.290 | 31.07 |
| 又 | 0.96 | 10.335 | 9.95 |
| 又 | 3.30 | 10.684 | 35.23 |
| Ｙ４ | 32.53 | 10.920 | 355.27 |
| 又Ｙ４ | 6.30 | 10.985 | 69.18 |
| 又Ｙ４ | 0.53 | 11.245 | 6.01 |
| 又Ｙ４ | 4.42 | 11.577 | 51.19 |
| 又Ｙ４ | 5.03 | 11.670 | 58.71 |
| 又Ｙ４ | 4.31 | 11.821 | 50.95 |
| 又 | 7.17 | 11.895 | 85.31 |
| 又 | 0.77 | 11.970 | 9.16 |
| 又 | 16.46 | 12.015 | 197.72 |
| 又 | 15.46 | 12.120 | 187.42 |
| 又 | 3.51 | 12.421 | 43.65 |
| | 12.80 | 12.740 | 163.10 |
| 又 | 3.98 | 13.043 | 51.96 |
| 又 | 2.75 | 13.154 | 36.11 |
| 又 | 4.78 | 13.164 | 62.87 |
| 又 | 1.44 | 13.195 | 18.96 |

２階Ｘ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｙ（m） | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| 又 | 1.66 | 13.500 | 22.45 |
| 又 | 0.82 | 13.565 | 11.14 |
| 又 | 4.67 | 13.641 | 63.63 |
| | 19.72 | 13.650 | 269.17 |
| 又 | 12.19 | 13.835 | 168.64 |
| 又 | 1.75 | 14.288 | 24.98 |
| 又 | 2.05 | 14.410 | 29.57 |
| 又 | 3.18 | 14.551 | 46.30 |
| Ｙ５ | 26.37 | 14.560 | 383.97 |
| 又Ｙ５ | 4.51 | 14.974 | 67.46 |
| 又Ｙ５ | 4.21 | 14.984 | 63.12 |
| 又Ｙ５ | 3.90 | 15.198 | 59.21 |
| 又Ｙ５ | 1.41 | 15.320 | 21.63 |
| 又Ｙ５ | 2.65 | 15.411 | 40.88 |
| 又Ｙ５ | 19.95 | 15.415 | 307.50 |
| | 17.44 | 15.470 | 269.81 |
| 又 | 7.13 | 15.925 | 113.57 |
| 又 | 3.03 | 16.108 | 48.85 |
| 又 | 3.96 | 16.326 | 64.70 |
| | 5.47 | 16.380 | 89.53 |
| 又 | 2.42 | 16.735 | 40.53 |
| 又 | 3.94 | 16.754 | 65.93 |
| 又 | 0.72 | 16.835 | 12.15 |
| 又 | 4.84 | 17.235 | 83.41 |
| Ｙ６ | 36.77 | 17.290 | 635.80 |
| 又Ｙ６ | 2.40 | 17.528 | 41.97 |
| 又Ｙ６ | 2.60 | 17.928 | 46.52 |
| 又Ｙ６ | 1.70 | 18.096 | 30.68 |
| 又 | 2.07 | 18.399 | 38.05 |
| 又 | 3.25 | 18.838 | 61.26 |
| Ｙ７ | 36.85 | 19.110 | 704.17 |
| 又Ｙ７ | 2.92 | 19.698 | 57.54 |
| | 0.54 | 20.020 | 10.75 |
| 又 | 1.55 | 20.154 | 31.32 |
| 又 | 1.64 | 20.300 | 33.33 |
| 又 | 1.56 | 20.475 | 31.89 |
| 又 | 1.74 | 20.609 | 35.87 |
| 又 | 1.32 | 21.064 | 27.87 |
| Ｙ８ | 52.11 | 21.385 | 1114.29 |
| 計 | 649.77 | | 7983.74 |

Ｏｙ＝Σ（Ｗｉ・Ｌｙ）／ΣＷｉ＝7983.74/649.77＝12.287（ｍ）

２階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| ＸＯ | 88.17 | 0.000 | 0.00 |
| 又Ｘ１ | 6.27 | 0.910 | 5.71 |

２階Ｙ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｘ (m) | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又Ｘ１ | 5.25 | 1.025 | 5.38 |
| 又 | 4.72 | 1.820 | 8.59 |
| 又 | 7.42 | 1.955 | 14.50 |
| 又 | 8.59 | 2.390 | 20.53 |
| Ｘ２ | 18.41 | 3.300 | 60.75 |
| Ｘ３ | 58.47 | 4.210 | 246.14 |
| 又Ｘ３ | 8.84 | 4.685 | 41.42 |
| | 30.22 | 5.315 | 160.61 |
| 又Ｘ４ | 5.12 | 6.365 | 32.58 |
| 又Ｘ４ | 4.48 | 6.505 | 29.11 |
| Ｘ５ | 82.94 | 7.415 | 615.01 |
| | 1.78 | 8.325 | 14.81 |
| 又 | 3.20 | 8.780 | 28.10 |
| | 5.11 | 9.235 | 47.17 |
| 又 | 7.42 | 9.370 | 69.48 |
| 又 | 0.00 | 9.690 | 0.00 |
| 又 | 5.31 | 9.805 | 52.10 |
| Ｘ６ | 4.83 | 11.510 | 55.64 |
| 又Ｘ６ | 7.76 | 11.625 | 90.15 |
| 又Ｘ６ | 8.04 | 12.100 | 97.25 |
| | 0.00 | 12.420 | 0.00 |
| Ｘ７ | 9.41 | 13.110 | 123.38 |
| 又Ｘ７ | 23.95 | 13.330 | 319.20 |
| 又Ｘ７ | 7.21 | 13.920 | 100.29 |
| 又 | 6.63 | 14.240 | 94.36 |
| 又 | 3.99 | 14.695 | 58.61 |
| Ｘ８ | 3.34 | 14.830 | 49.60 |
| Ｘ９ | 62.74 | 15.605 | 979.03 |
| 又Ｘ９ | 0.86 | 16.068 | 13.80 |
| X10 | 2.65 | 16.515 | 43.81 |
| 又X10 | 1.32 | 16.624 | 22.00 |
| 又X10 | 3.98 | 16.978 | 67.64 |
| 又X10 | 8.29 | 17.146 | 142.05 |
| 又X10 | 3.94 | 17.290 | 68.04 |
| 又X10 | 1.74 | 17.412 | 30.30 |
| 又X11 | 0.21 | 17.987 | 3.76 |
| 又X11 | 3.18 | 18.005 | 57.29 |
| 又X11 | 3.33 | 18.051 | 60.14 |
| 又X11 | 1.70 | 18.065 | 30.62 |
| 又X11 | 1.55 | 18.200 | 28.28 |
| 又X11 | 2.07 | 18.240 | 37.73 |
| 又X11 | 1.22 | 18.289 | 22.31 |
| 又X12 | 0.53 | 18.590 | 9.94 |
| 又X12 | 3.03 | 18.839 | 57.09 |
| 又X12 | 7.17 | 18.965 | 136.02 |

２階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又X12 | 2.92 | 18.990 | 55.47 |
| 又X12 | 2.23 | 19.199 | 42.87 |
| 又X13 | 2.96 | 19.555 | 57.93 |
| 又X13 | 4.67 | 19.581 | 91.34 |
| 又X13 | 3.65 | 20.109 | 73.31 |
| 又X14 | 0.96 | 20.166 | 19.42 |
| 又X14 | 4.21 | 20.356 | 85.75 |
| 又X14 | 3.25 | 20.480 | 66.60 |
| 又X14 | 6.30 | 20.541 | 129.36 |
| 又X14 | 4.03 | 21.019 | 84.68 |
| 又X15 | 3.96 | 21.131 | 83.74 |
| 又X15 | 1.88 | 21.656 | 40.65 |
| 又X15 | 3.51 | 21.694 | 76.24 |
| 又X15 | 3.02 | 21.745 | 65.65 |
| 又X15 | 4.42 | 21.929 | 96.84 |
| 又X16 | 2.60 | 22.056 | 57.23 |
| 又X16 | 0.72 | 22.349 | 16.13 |
| 又X16 | 4.17 | 22.611 | 94.20 |
| 又X16 | 4.31 | 22.733 | 97.99 |
| 又X16 | 2.40 | 22.749 | 54.47 |
| 又X17 | 4.78 | 23.508 | 112.27 |
| 又X17 | 3.40 | 23.714 | 80.62 |
| 又X18 | 2.42 | 24.121 | 58.41 |
| 又X18 | 0.54 | 24.293 | 13.19 |
| 又X18 | 4.51 | 24.553 | 110.61 |
| 又X18 | 3.30 | 24.703 | 81.45 |
| 又X19 | 1.41 | 24.753 | 34.95 |
| 又X19 | 3.19 | 24.975 | 79.63 |
| 又X19 | 3.03 | 25.208 | 76.44 |
| 又X20 | 4.15 | 25.885 | 107.37 |
| 又X20 | 2.05 | 26.329 | 54.03 |
| 又X21 | 3.90 | 26.784 | 104.35 |
| 又X21 | 4.42 | 26.795 | 118.48 |
| 又X22 | 2.75 | 27.705 | 76.06 |
| 又X22 | 1.66 | 27.905 | 46.40 |
| 又 | 1.75 | 28.360 | 49.58 |
| 計 | 649.77 | | 6844.00 |

Ｏx＝Σ（Wi・Lx）／ΣWi＝6844.00/649.77＝10.533（m）

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｙ（m） | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| Ｙ０ | 116.56 | 0.000 | 0.00 |
| 又Ｙ０ | 7.41 | 0.910 | 6.74 |
| Ｙ１ | 5.90 | 1.100 | 6.49 |
| 又Ｙ１ | 50.15 | 1.820 | 91.27 |
| 又 | 14.18 | 2.303 | 32.67 |

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｙ (m) | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| 又 | 5.88 | 2.730 | 16.05 |
| 又 | 5.98 | 2.758 | 16.49 |
| 又 | 25.53 | 3.185 | 81.33 |
| 又 | 7.35 | 3.640 | 26.73 |
| 又 | 15.42 | 3.853 | 59.41 |
| 又 | 24.09 | 3.879 | 93.43 |
| 又 | 15.88 | 4.095 | 65.02 |
| 又 | 10.90 | 4.585 | 49.97 |
| 又 | 14.60 | 5.456 | 79.63 |
| Ｙ２ | 170.37 | 5.915 | 1007.72 |
| 又Ｙ２ | 8.14 | 6.244 | 50.82 |
| | 2.51 | 6.825 | 17.16 |
| 又 | 9.21 | 7.032 | 64.76 |
| 又 | 3.63 | 7.055 | 25.64 |
| 又 | 1.67 | 7.243 | 12.11 |
| 又 | 12.52 | 7.280 | 91.11 |
| 又 | 10.60 | 7.426 | 78.69 |
| 又 | 11.07 | 7.565 | 83.74 |
| | 16.49 | 7.735 | 127.51 |
| 又 | 2.38 | 8.073 | 19.21 |
| 又 | 0.77 | 8.380 | 6.47 |
| 又 | 8.11 | 8.425 | 68.30 |
| 又 | 17.94 | 8.608 | 154.44 |
| Ｙ３ | 195.73 | 8.645 | 1692.09 |
| 又Ｙ３ | 1.74 | 9.108 | 15.82 |
| 又Ｙ３ | 6.50 | 9.153 | 59.52 |
| 又Ｙ３ | 4.60 | 9.213 | 42.33 |
| 又Ｙ３ | 2.89 | 9.255 | 26.77 |
| 又 | 9.90 | 9.563 | 94.64 |
| 又 | 9.79 | 10.001 | 97.90 |
| 又 | 10.28 | 10.215 | 104.97 |
| 又 | 5.39 | 10.255 | 55.31 |
| 又 | 10.92 | 10.290 | 112.40 |
| 又 | 11.84 | 10.411 | 123.28 |
| | 13.67 | 10.465 | 143.04 |
| Ｙ４ | 142.29 | 10.920 | 1553.82 |
| 又Ｙ４ | 13.21 | 10.928 | 144.35 |
| 又Ｙ４ | 14.71 | 11.139 | 163.82 |
| 又Ｙ４ | 6.92 | 11.202 | 77.47 |
| 又Ｙ４ | 3.86 | 11.383 | 43.89 |
| 又Ｙ４ | 9.43 | 11.577 | 109.19 |
| 又Ｙ４ | 22.56 | 11.821 | 266.71 |
| 又 | 16.21 | 11.838 | 191.88 |
| 又 | 63.15 | 12.015 | 758.78 |
| 又 | 98.09 | 12.120 | 1188.80 |

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｙ (m) | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| 又 | 11.17 | 12.187 | 136.11 |
| 又 | 2.89 | 12.365 | 35.68 |
| 又 | 21.03 | 12.504 | 262.90 |
| 又 | 5.64 | 12.925 | 72.87 |
| 又 | 12.77 | 12.975 | 165.72 |
| 又 | 8.13 | 13.154 | 106.93 |
| 又 | 17.97 | 13.641 | 245.06 |
| | 17.78 | 13.650 | 242.64 |
| 又 | 3.35 | 13.658 | 45.70 |
| 又 | 40.93 | 13.835 | 566.33 |
| 又 | 1.42 | 14.035 | 19.94 |
| 又 | 7.67 | 14.166 | 108.61 |
| 又 | 8.42 | 14.288 | 120.23 |
| 又 | 2.46 | 14.550 | 35.75 |
| Ｙ５ | 26.74 | 14.560 | 389.31 |
| 又Ｙ５ | 12.71 | 14.970 | 190.23 |
| 又Ｙ５ | 6.25 | 14.984 | 93.69 |
| 又Ｙ５ | 11.86 | 15.411 | 182.78 |
| 又Ｙ５ | 45.79 | 15.415 | 705.87 |
| 又Ｙ５ | 10.50 | 15.425 | 161.91 |
| 又 | 4.21 | 15.754 | 66.34 |
| 又 | 2.26 | 15.867 | 35.77 |
| 又 | 21.00 | 15.880 | 333.48 |
| 又 | 15.61 | 16.326 | 254.88 |
| 又 | 3.68 | 16.359 | 60.14 |
| | 19.33 | 16.380 | 316.55 |
| 又 | 10.20 | 16.754 | 170.82 |
| 又 | 16.30 | 16.780 | 273.46 |
| 又 | 13.29 | 16.790 | 223.15 |
| 又 | 6.28 | 17.018 | 106.81 |
| Ｙ６ | 20.74 | 17.290 | 358.50 |
| 又Ｙ６ | 10.83 | 17.473 | 189.14 |
| 又Ｙ６ | 15.98 | 17.690 | 282.73 |
| 又Ｙ６ | 7.73 | 17.745 | 137.23 |
| 又Ｙ６ | 13.79 | 17.928 | 247.20 |
| 又Ｙ６ | 12.22 | 18.096 | 221.17 |
| 又 | 12.11 | 18.399 | 222.76 |
| 又 | 8.25 | 18.655 | 153.97 |
| 又 | 52.70 | 18.820 | 991.89 |
| 又 | 6.81 | 18.838 | 128.32 |
| 又 | 1.30 | 19.093 | 24.77 |
| Ｙ７ | 59.17 | 19.110 | 1130.68 |
| 又Ｙ７ | 1.72 | 19.243 | 33.10 |
| 又Ｙ７ | 8.79 | 19.565 | 171.96 |
| 又Ｙ７ | 12.47 | 19.698 | 245.56 |

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｙ（m） | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| | 75.90 | 20.020 | 1519.44 |
| 又 | 4.52 | 20.153 | 91.05 |
| 又 | 55.26 | 20.475 | 1131.47 |
| 又 | 4.99 | 20.609 | 102.84 |
| 又 | 3.83 | 21.064 | 80.73 |
| Ｙ８ | 107.80 | 21.385 | 2305.39 |
| Ｙ９ | 25.38 | 21.840 | 554.20 |
| 又Ｙ９ | 0.04 | 22.040 | 0.80 |
| | 0.03 | 22.750 | 0.60 |
| 計 | 2178.80 | | 25554.78 |

Ｏｙ＝Σ（Wi・Ly）／ΣWi＝25554.78/2178.80＝11.729（ｍ）

１階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| Ｘ０ | 240.62 | 0.000 | 0.00 |
| 又Ｘ０ | 2.08 | 0.375 | 0.78 |
| Ｘ１ | 42.53 | 0.880 | 37.43 |
| 又Ｘ１ | 8.40 | 0.910 | 7.64 |
| 又Ｘ１ | 3.67 | 1.205 | 4.42 |
| 又Ｘ１ | 5.32 | 1.500 | 7.98 |
| 又 | 13.55 | 1.820 | 24.66 |
| 又 | 6.86 | 2.275 | 15.61 |
| 又 | 7.34 | 2.390 | 17.53 |
| Ｘ２ | 5.89 | 3.300 | 19.43 |
| 又Ｘ２ | 4.78 | 3.480 | 16.65 |
| Ｘ３ | 233.56 | 4.210 | 983.30 |
| 又Ｘ３ | 2.55 | 5.130 | 13.09 |
| 又 | 2.57 | 5.740 | 14.75 |
| Ｘ４ | 87.24 | 5.915 | 516.02 |
| 又Ｘ４ | 10.41 | 6.050 | 62.99 |
| 又Ｘ４ | 8.32 | 6.505 | 54.13 |
| | 10.11 | 6.665 | 67.37 |
| 又 | 3.42 | 7.295 | 24.94 |
| Ｘ５ | 216.94 | 7.415 | 1608.64 |
| 又Ｘ５ | 15.82 | 7.575 | 119.84 |
| 又Ｘ５ | 16.43 | 7.985 | 131.22 |
| | 2.99 | 8.325 | 24.90 |
| 又 | 13.16 | 8.780 | 115.51 |
| | 10.88 | 9.235 | 100.45 |
| 又 | 19.43 | 9.395 | 182.58 |
| 又 | 19.35 | 9.870 | 191.00 |
| | 11.52 | 10.145 | 116.90 |
| 又 | 14.78 | 11.215 | 165.70 |
| Ｘ６ | 46.78 | 11.510 | 538.44 |
| | 3.43 | 12.420 | 42.61 |
| 又 | 14.21 | 12.580 | 178.76 |

１階Ｙ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｘ (m) | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又 | 7.82 | 12.755 | 99.68 |
| Ｘ７ | 159.55 | 13.110 | 2091.71 |
| 又Ｘ７ | 21.89 | 13.330 | 291.77 |
| 又Ｘ７ | 13.70 | 13.360 | 183.06 |
| 又Ｘ７ | 10.62 | 13.785 | 146.38 |
| 又 | 8.93 | 14.250 | 127.18 |
| 又 | 11.28 | 14.510 | 163.60 |
| 又 | 16.03 | 14.695 | 235.49 |
| Ｘ８ | 23.46 | 14.830 | 347.85 |
| 又Ｘ８ | 4.11 | 15.110 | 62.16 |
| Ｘ９ | 225.57 | 15.605 | 3519.97 |
| 又Ｘ９ | 3.35 | 15.912 | 53.25 |
| 又Ｘ９ | 3.14 | 16.068 | 50.50 |
| 又Ｘ９ | 6.92 | 16.071 | 111.13 |
| X10 | 11.86 | 16.515 | 195.88 |
| 又X10 | 3.83 | 16.624 | 63.71 |
| 又X10 | 11.17 | 16.640 | 185.84 |
| 又X10 | 3.68 | 17.063 | 62.72 |
| 又X10 | 12.77 | 17.095 | 218.34 |
| 又X10 | 10.20 | 17.290 | 176.29 |
| 又X10 | 4.99 | 17.412 | 86.89 |
| 又X11 | 5.98 | 17.501 | 104.65 |
| 又X11 | 12.22 | 18.065 | 220.79 |
| 又X11 | 4.52 | 18.202 | 82.23 |
| 又X11 | 12.11 | 18.240 | 220.84 |
| 又X11 | 14.18 | 18.289 | 259.41 |
| 又X12 | 7.67 | 18.671 | 143.15 |
| 又X12 | 12.47 | 18.990 | 236.74 |
| 又X12 | 4.21 | 19.022 | 80.10 |
| 又X12 | 16.21 | 19.065 | 309.02 |
| 又X12 | 24.09 | 19.199 | 462.39 |
| 又X13 | 17.97 | 19.581 | 351.76 |
| 又X13 | 1.72 | 19.778 | 34.02 |
| 又X13 | 1.42 | 19.808 | 28.14 |
| 又X13 | 3.86 | 19.853 | 76.55 |
| 又X13 | 1.30 | 20.038 | 26.00 |
| 又X13 | 2.46 | 20.106 | 49.39 |
| 又X13 | 14.60 | 20.109 | 293.53 |
| 又X14 | 6.25 | 20.356 | 127.28 |
| 又X14 | 6.81 | 20.480 | 139.50 |
| 又X14 | 8.14 | 20.564 | 167.38 |
| 又X14 | 13.21 | 20.641 | 272.66 |
| 又X14 | 2.26 | 20.866 | 47.04 |
| 又X14 | 9.21 | 21.019 | 193.58 |
| 又X14 | 1.74 | 21.063 | 36.59 |

１階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又X15 | 15.61 | 21.131 | 329.90 |
| 又X15 | 10.60 | 21.246 | 225.15 |
| 又X15 | 21.03 | 21.551 | 453.13 |
| 又X15 | 10.92 | 21.745 | 237.52 |
| 又X15 | 17.94 | 21.929 | 393.43 |
| 又X16 | 13.79 | 22.056 | 304.11 |
| 又X16 | 0.77 | 22.323 | 17.24 |
| 又X16 | 22.56 | 22.733 | 512.91 |
| 又X16 | 10.83 | 22.844 | 247.28 |
| 又X16 | 2.38 | 22.855 | 54.38 |
| 又X17 | 9.90 | 23.005 | 227.67 |
| 又X17 | 5.39 | 23.405 | 126.22 |
| 又X17 | 2.89 | 23.538 | 68.09 |
| 又X17 | 6.28 | 23.632 | 148.32 |
| 又X17 | 6.50 | 23.714 | 154.21 |
| 又X18 | 14.71 | 23.915 | 351.73 |
| 又X18 | 13.29 | 24.026 | 319.31 |
| 又X18 | 1.67 | 24.293 | 40.63 |
| 又X19 | 8.11 | 24.975 | 202.46 |
| 又X19 | 11.84 | 25.176 | 298.13 |
| 又X19 | 4.60 | 25.430 | 116.84 |
| 又X19 | 21.00 | 25.602 | 537.62 |
| 又X20 | 9.79 | 25.885 | 253.39 |
| 又X20 | 10.50 | 26.390 | 277.00 |
| 又X21 | 9.43 | 26.795 | 252.73 |
| 又X21 | 12.71 | 27.178 | 345.35 |
| 又X21 | 2.89 | 27.250 | 78.62 |
| 又X22 | 8.13 | 27.705 | 225.22 |
| 又 | 8.42 | 28.360 | 238.65 |
| 計 | 2178.80 | | 24878.61 |

Ｏx＝Σ（Wi・Lx）／ΣWi＝24878.61/2178.80＝11.418（m）

③剛心の算定

２階Ｘ方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| Ｙ１ | 4251.240 | 1.100 | 4676.364 |
| 又 | 633.943 | 3.256 | 2064.016 |
| 又 | 460.841 | 3.711 | 1710.107 |
| 又 | 267.541 | 3.879 | 1037.892 |
| 又 | 267.540 | 7.032 | 1881.260 |
| 又 | 267.540 | 8.425 | 2254.020 |
| Ｙ３ | 6288.660 | 8.645 | 54365.466 |
| 又Ｙ３ | 561.830 | 9.153 | 5142.430 |
| 又 | 612.993 | 10.290 | 6307.698 |
| 又Ｙ４ | 1605.232 | 10.985 | 17633.474 |
| 又Ｙ４ | 284.812 | 11.821 | 3366.816 |
| 又 | 873.731 | 13.043 | 11395.637 |
| 又 | 384.038 | 13.164 | 5055.288 |
| 又 | 133.770 | 13.500 | 1805.888 |
| 又 | 1288.090 | 13.641 | 17571.060 |
| 又 | 873.731 | 13.835 | 12088.069 |
| 又 | 802.616 | 14.288 | 11467.770 |
| 又 | 948.147 | 14.551 | 13796.649 |
| Ｙ５ | 4315.920 | 14.560 | 62839.795 |
| 又Ｙ５ | 284.814 | 14.984 | 4267.513 |
| 又Ｙ５ | 802.622 | 15.198 | 12198.247 |
| 又Ｙ５ | 167.213 | 15.320 | 2561.688 |
| 又 | 553.454 | 16.108 | 8915.028 |
| 又 | 192.937 | 16.326 | 3149.858 |
| 又 | 284.812 | 16.754 | 4771.607 |
| 又 | 147.000 | 17.235 | 2533.571 |
| Ｙ６ | 4711.350 | 17.290 | 81459.242 |
| 又 | 1003.278 | 18.838 | 18899.741 |
| 又 | 902.949 | 20.609 | 18608.974 |
| Ｙ８ | 3282.510 | 21.385 | 70196.476 |
| 計 | 37455.155 | | 464021.646 |

Ｇy＝ΣＤＹｘ／ΣＤｘ＝464021.646/37455.155＝12.389（m）

２階Ｙ方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| Ｘ０ | 8828.820 | 0.000 | 0.000 |
| Ｘ２ | 1799.280 | 3.300 | 5937.624 |
| Ｘ３ | 2140.320 | 4.210 | 9010.747 |
| Ｘ５ | 6956.040 | 7.415 | 51579.037 |
| 又Ｘ７ | 1337.700 | 13.330 | 17831.541 |
| Ｘ８ | 2278.500 | 14.830 | 33790.155 |
| Ｘ９ | 4304.344 | 15.605 | 67169.285 |
| X10 | 1170.489 | 16.515 | 19330.619 |
| 又X10 | 133.769 | 16.624 | 2223.755 |
| 又X10 | 291.244 | 16.978 | 4944.635 |

２階Ｙ方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| 又X10 | 153.616 | 17.146 | 2633.831 |
| 又X11 | 334.424 | 18.005 | 6021.164 |
| 又X11 | 167.211 | 18.051 | 3018.259 |
| 又X11 | 167.213 | 18.200 | 3043.277 |
| 又X12 | 535.082 | 18.965 | 10147.919 |
| 又X12 | 396.901 | 19.199 | 7619.970 |
| 又X13 | 802.616 | 20.109 | 16139.525 |
| 又X14 | 854.438 | 20.356 | 17392.709 |
| 又X14 | 204.329 | 20.541 | 4197.200 |
| 又X15 | 854.430 | 21.131 | 18054.730 |
| 又X15 | 578.815 | 21.656 | 12534.665 |
| 又X15 | 802.622 | 21.929 | 17600.426 |
| 又X16 | 775.424 | 22.056 | 17102.546 |
| 又X16 | 187.279 | 22.611 | 4234.589 |
| 又X17 | 854.438 | 23.508 | 20086.180 |
| 又X18 | 184.485 | 24.121 | 4450.005 |
| 又X18 | 1152.110 | 24.553 | 28287.827 |
| 又X19 | 769.175 | 25.208 | 19389.398 |
| 又X20 | 802.622 | 25.885 | 20776.194 |
| 又X21 | 267.541 | 26.784 | 7165.874 |
| 又 | 401.308 | 28.360 | 11381.252 |
| 計 | 40486.586 | | 463094.937 |

Ｇx＝ΣＤＸｙ／ΣＤｙ＝463094.937/40486.586＝11.438（ｍ）

１階Ｘ方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| Ｙ０ | 7217.700 | 0.000 | 0.000 |
| 又 | 836.067 | 2.303 | 1925.639 |
| 又 | 501.643 | 2.758 | 1383.637 |
| 又 | 334.426 | 3.879 | 1297.366 |
| Ｙ２ | 8449.560 | 5.915 | 49979.147 |
| 又 | 200.654 | 7.426 | 1490.009 |
| 又 | 200.656 | 8.073 | 1619.869 |
| 又 | 267.541 | 8.425 | 2254.031 |
| Ｙ３ | 10451.700 | 8.645 | 90354.946 |
| 又Ｙ３ | 401.311 | 9.108 | 3655.094 |
| 又Ｙ３ | 267.538 | 9.213 | 2464.851 |
| 又 | 641.657 | 9.563 | 6135.844 |
| 又 | 1623.145 | 10.290 | 16702.158 |
| 又 | 451.470 | 10.411 | 4700.104 |
| Ｙ４ | 1337.700 | 10.920 | 14607.684 |
| 又Ｙ４ | 1158.492 | 10.928 | 12659.425 |
| 又Ｙ４ | 1203.937 | 11.139 | 13410.254 |
| 又Ｙ４ | 1158.478 | 11.383 | 13186.371 |
| 又Ｙ４ | 167.211 | 11.577 | 1935.862 |
| 又Ｙ４ | 1203.924 | 11.821 | 14231.791 |

１階Ｘ方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| 又 | 334.424 | 12.365 | 4135.298 |
| 又 | 2006.553 | 12.504 | 25089.274 |
| 又 | 1203.924 | 12.975 | 15620.915 |
| 又 | 167.213 | 13.154 | 2199.436 |
| 又 | 2774.625 | 13.835 | 38386.937 |
| 又Ｙ５ | 802.616 | 14.970 | 12015.555 |
| 又Ｙ５ | 1340.640 | 15.415 | 20665.966 |
| 又Ｙ５ | 802.629 | 15.425 | 12380.942 |
| 又 | 339.937 | 16.326 | 5549.757 |
| 又 | 1387.313 | 16.754 | 23242.368 |
| 又 | 802.629 | 17.018 | 13659.128 |
| 又Ｙ６ | 802.616 | 17.473 | 14024.102 |
| 又 | 275.625 | 18.399 | 5071.205 |
| Ｙ７ | 4934.790 | 19.110 | 94303.837 |
| 又Ｙ７ | 401.308 | 19.243 | 7722.366 |
| 又 | 802.629 | 20.609 | 16541.456 |
| 又 | 501.643 | 21.064 | 10566.658 |
| Ｙ８ | 8104.110 | 21.385 | 173306.392 |
| Ｙ９ | 2690.100 | 21.840 | 58751.784 |
| 計 | 68550.134 | | 807227.459 |

Ｇy＝ΣＤＹｘ／ΣＤｘ＝807227.459/68550.134＝11.776（m）

１階Ｙ方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| Ｘ０ | 16855.020 | 0.000 | 0.000 |
| Ｘ３ | 3719.100 | 4.210 | 15657.411 |
| Ｘ４ | 7275.030 | 5.915 | 43031.802 |
| | 2140.320 | 6.665 | 14265.233 |
| Ｘ６ | 2337.300 | 11.510 | 26902.323 |
| Ｘ７ | 7156.695 | 13.110 | 93824.271 |
| Ｘ８ | 1337.700 | 14.830 | 19838.091 |
| Ｘ９ | 15286.530 | 15.605 | 238546.301 |
| 又Ｘ９ | 401.311 | 15.912 | 6385.840 |
| 又X10 | 267.538 | 16.624 | 4447.510 |
| 又X10 | 167.211 | 17.412 | 2911.472 |
| 又X11 | 167.211 | 17.501 | 2926.293 |
| 又X11 | 854.430 | 18.065 | 15435.279 |
| 又X11 | 167.211 | 18.289 | 3058.071 |
| 又X12 | 960.647 | 18.990 | 18242.685 |
| 又X12 | 367.500 | 19.022 | 6990.606 |
| 又X12 | 434.754 | 19.065 | 8288.481 |
| 又X12 | 1003.278 | 19.199 | 19261.583 |
| 又X13 | 668.849 | 19.581 | 13096.560 |
| 又X13 | 434.750 | 19.853 | 8631.020 |
| 又X13 | 1003.270 | 20.109 | 20174.406 |
| 又X14 | 609.132 | 20.641 | 12573.062 |

１階Ｙ方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| 又X15 | 401.311 | 21.551 | 8648.633 |
| 又X15 | 1417.809 | 21.745 | 30830.419 |
| 又X15 | 601.968 | 21.929 | 13200.354 |
| 又X16 | 1287.356 | 22.056 | 28393.569 |
| 又X16 | 401.309 | 22.733 | 9122.973 |
| 又X16 | 267.538 | 22.844 | 6111.593 |
| 又X17 | 601.962 | 23.538 | 14168.856 |
| 又X19 | 802.616 | 25.430 | 20410.839 |
| 又X19 | 267.538 | 25.602 | 6849.541 |
| 又X20 | 953.121 | 25.885 | 24671.903 |
| 又X20 | 267.541 | 26.390 | 7060.452 |
| 又X21 | 501.643 | 26.795 | 13441.719 |
| 又X21 | 1003.278 | 27.250 | 27339.717 |
| 又X22 | 501.635 | 27.705 | 13897.994 |
| 計 | 72891.414 | | 818636.863 |

Ｇx＝ΣＤＸｙ／ΣＤｙ＝818636.863/72891.414＝11.231（ｍ）

3.3 水平力に対する耐力壁の算定

(1) 耐力壁の配置と設計壁量Ld及び許容耐力Piの算定

上段：X＋方向壁倍率
下段：X－方向壁倍率
左側：Y＋方向壁倍率
右側：Y－方向壁倍率

２階耐力壁の配置

α'i：耐力壁の壁倍率
βi：耐力壁の高さの倍率(面材の高さの合計/横架材の内法距離)
γi：準耐力壁低減係数
Ci：下部横架材のたわみによる低減係数（－は1.00として算出）
αi：実質壁倍率
li：耐力壁の長さ(m)
Ld：設計壁量(m)
Pi：許容耐力(kN)=αili×1.960
hi：横架材天端間高さ(m)
K：壁の剛性(kN/m) = Pi × せん断変形角 / hi
d：筋かい有効傾斜（設定値3.50）以上の場合の低減係数（3.50×長さ/高さ）

２階X＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ci | αi | li | αili | hi | Pi | せん断 | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'i | βi | γi | d | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Y1 | 又X1-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.05 | 4.18 | 3.54 | 8.19 | 150 | 346.94 |
| | 又X1-X0 | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 2.25 | 2.25 | － | 2.25 | 0.91 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | X5- | 両筋 | 4.00 | － | － | 0.90 | 3.60 | 3.60 | 3.60 | － | 3.60 | 0.91 | 3.28 | 3.54 | 6.43 | 150 | 272.38 |
| | -又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.05 | 1.57 | 3.54 | 3.08 | 150 | 130.47 |
| | 又-X9 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | 0.79 | 1.19 | 1.37 | 1.62 | 3.54 | 3.18 | 150 | 134.71 |
| 又 | 又X11-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.54 | 3.35 | 150 | 141.91 |
| | 又X12-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.36 | 0.45 | 3.54 | 0.88 | 150 | 37.28 |

２階Ｘ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | li | αili | hi | Pi | せん断 | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | d | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又 | 又X10-又X11 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.90 | 1.96 | 3.54 | 3.84 | 150 | 162.67 |
| 又 | 又X12-又X13 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又 | 又X14-又X15 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.91 | 0.68 | 3.54 | 1.33 | 150 | 56.34 |
| 又 | 又X19-又X20 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| Y３ | 又-X０ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | 又-X３ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.54 | 5.35 | 150 | 226.63 |
| | X５-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.37 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | 又-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.02 | 4.10 | 3.54 | 8.04 | 150 | 340.58 |
| | 又-又X６ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.82 | 7.28 | 3.54 | 14.27 | 150 | 604.49 |
| 又Y３ | 又X16-又X17 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.10 | 2.39 | 3.54 | 4.68 | 150 | 198.25 |
| 又 | 又X14-又X15 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.20 | 2.61 | 3.54 | 5.12 | 150 | 216.89 |
| 又Y４ | 又X12-又X14 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.58 | 5.45 | 3.54 | 10.68 | 150 | 452.41 |
| 又Y４ | 又X16-又X17 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又 | X９-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.37 | 2.98 | 3.54 | 5.84 | 150 | 247.39 |
| 又 | 又X17-又X18 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 1.05 | 1.31 | 3.54 | 2.57 | 150 | 108.87 |
| 又 | 又X22-又 | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 0.67 | 0.67 | － | 0.67 | 0.46 | 0.30 | 3.54 | 0.59 | 150 | 24.99 |
| 又 | 又X11-又X13 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| | 又X13-又X14 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又 | X９-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.37 | 2.98 | 3.54 | 5.84 | 150 | 247.39 |
| 又 | 又X21-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.58 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| 又 | X10-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.49 | 3.23 | 3.54 | 6.33 | 150 | 268.14 |
| Y５ | X０-又X１ | 両筋 | 4.00 | － | － | 0.90 | 3.60 | 3.60 | 3.60 | － | 3.60 | 0.91 | 3.28 | 2.88 | 6.43 | 150 | 334.78 |
| | 又X１-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | 0.61 | 3.05 | 1.48 | 4.51 | 2.88 | 8.84 | 150 | 460.26 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-X２ | 両筋 | 4.00 | － | － | 0.90 | 3.60 | 3.60 | 3.60 | － | 3.60 | 0.91 | 3.28 | 2.88 | 6.43 | 150 | 334.78 |
| 又Y５ | 又X14-又X15 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又Y５ | 又X19-又X21 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.58 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| 又Y５ | 又X19-又X19 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.54 | 1.12 | 150 | 47.44 |
| 又 | 又X18-又X19 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.09 | 2.36 | 3.54 | 4.63 | 150 | 196.13 |
| 又 | 又X15-又X15 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.53 | 0.66 | 3.54 | 1.29 | 150 | 54.65 |
| 又 | X10-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又 | 又X15-又X16 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.40 | 0.50 | 3.54 | 0.98 | 150 | 41.51 |
| Y６ | X３- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | 0.87 | 4.35 | 1.11 | 4.81 | 2.88 | 9.43 | 150 | 491.15 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -X５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | 0.87 | 4.35 | 2.10 | 9.14 | 2.88 | 17.91 | 150 | 932.81 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又 | 又X14-又X16 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又 | 又X10-又X10 | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 1.95 | 1.95 | － | 1.95 | 0.79 | 1.54 | 3.54 | 3.02 | 150 | 127.93 |
| | 又X10-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.54 | 3.35 | 150 | 141.91 |
| Y８ | 又X１-X０ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | 0.63 | 1.58 | 1.02 | 1.62 | 2.88 | 3.18 | 150 | 165.57 |
| | X５- | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.54 | 5.35 | 150 | 226.63 |
| | X７-X６ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.60 | 4.00 | 3.54 | 7.84 | 150 | 332.11 |
| | 又-X９ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.54 | 4.47 | 150 | 189.35 |
| 計 | | | | | | | | | | | | | | Ld=119.55 | 234.32 | | 10433.28 |

２階Ｘ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｙ１ | 又Ｘ１-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.05 | 4.18 | 3.54 | 8.19 | 150 | 346.94 |
| | 又Ｘ１-Ｘ０ | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 1.35 | 1.35 | － | 1.35 | 0.91 | 1.23 | 3.54 | 2.41 | 150 | 102.09 |
| | Ｘ５- | 両筋 | 4.00 | － | － | 0.90 | 3.60 | 3.60 | 3.60 | － | 3.60 | 0.91 | 3.28 | 3.54 | 6.43 | 150 | 272.38 |
| | -又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.05 | 2.61 | 3.54 | 5.12 | 150 | 216.89 |
| | 又-Ｘ９ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | 0.70 | 1.75 | 1.37 | 2.39 | 3.54 | 4.68 | 150 | 198.25 |
| 又 | 又X11-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.54 | 3.35 | 150 | 141.91 |
| | 又X12-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.36 | 0.45 | 3.54 | 0.88 | 150 | 37.28 |
| 又 | 又X10-又X11 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 0.90 | 1.18 | 3.54 | 2.31 | 150 | 97.85 |
| 又 | 又X12-又X13 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.91 | 0.68 | 3.54 | 1.33 | 150 | 56.34 |
| 又 | 又X14-又X15 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又 | 又X19-又X20 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.91 | 0.68 | 3.54 | 1.33 | 150 | 56.34 |
| Ｙ３ | 又-Ｘ０ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.54 | 5.35 | 150 | 226.63 |
| | 又-Ｘ３ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | Ｘ５-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.37 | 3.41 | 3.54 | 6.68 | 150 | 282.97 |
| | 又-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.02 | 4.10 | 3.54 | 8.04 | 150 | 340.58 |
| | 又-又Ｘ６ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.82 | 7.28 | 3.54 | 14.27 | 150 | 604.49 |
| 又Ｙ３ | 又X16-又X17 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.10 | 1.43 | 3.54 | 2.80 | 150 | 118.61 |
| 又 | 又X14-又X15 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.20 | 1.56 | 3.54 | 3.06 | 150 | 129.62 |
| 又Ｙ４ | 又X12-又X14 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.58 | 5.45 | 3.54 | 10.68 | 150 | 452.41 |
| 又Ｙ４ | 又X16-又X17 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又 | Ｘ９-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.37 | 2.98 | 3.54 | 5.84 | 150 | 247.39 |
| 又 | 又X17-又X18 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 1.05 | 1.31 | 3.54 | 2.57 | 150 | 108.87 |
| 又 | 又X22-又 | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 1.12 | 1.12 | － | 1.12 | 0.46 | 0.51 | 3.54 | 1.00 | 150 | 42.36 |
| 又 | 又X11-又X13 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| | 又X13-又X14 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又 | Ｘ９-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.37 | 2.98 | 3.54 | 5.84 | 150 | 247.39 |
| 又 | 又X21-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又 | X10-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.49 | 3.23 | 3.54 | 6.33 | 150 | 268.14 |
| Ｙ５ | Ｘ０-又Ｘ１ | 両筋 | 4.00 | － | － | 0.90 | 3.60 | 3.60 | 3.60 | － | 3.60 | 0.91 | 3.28 | 2.88 | 6.43 | 150 | 334.78 |
| | 又Ｘ１-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | 0.61 | 3.05 | 1.48 | 4.51 | 2.88 | 8.84 | 150 | 460.26 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ２ | 両筋 | 4.00 | － | － | 0.90 | 3.60 | 3.60 | 3.60 | － | 3.60 | 0.91 | 3.28 | 2.88 | 6.43 | 150 | 334.78 |
| 又Ｙ５ | 又X14-又X15 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又Ｙ５ | 又X19-又X21 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又Ｙ５ | 又X19-又X19 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.54 | 1.12 | 150 | 47.44 |
| 又 | 又X18-又X19 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.09 | 1.41 | 3.54 | 2.76 | 150 | 116.92 |
| 又 | 又X15-又X15 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.53 | 0.66 | 3.54 | 1.29 | 150 | 54.65 |
| 又 | X10-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.54 | 1.90 | 150 | 80.49 |
| 又 | 又X15-又X16 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.40 | 0.50 | 3.54 | 0.98 | 150 | 41.51 |
| Ｙ６ | Ｘ３- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | 0.87 | 4.35 | 1.11 | 4.81 | 2.88 | 9.43 | 150 | 491.15 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｘ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | 0.87 | 4.35 | 2.10 | 9.14 | 2.88 | 17.91 | 150 | 932.81 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又 | 又X14-又X16 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又 | 又X10-又X10 | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 1.17 | 1.17 | － | 1.17 | 0.79 | 0.92 | 3.54 | 1.80 | 150 | 76.25 |
| | 又X10-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.54 | 3.35 | 150 | 141.91 |

２階Ｘ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｙ８ | 又Ｘ１-Ｘ０ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | 0.74 | 1.11 | 1.02 | 1.14 | 2.88 | 2.23 | 150 | 116.11 |
| | Ｘ５- | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | Ｘ７-Ｘ６ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.60 | 2.40 | 3.54 | 4.70 | 150 | 199.10 |
| | 又-Ｘ９ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.54 | 4.47 | 150 | 189.35 |
| 計 | | | | | | | | | | | | | | Ld=119.77 | 234.70 | | 10440.17 |

２階Ｙ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｘ０ | 又Ｙ１-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.37 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.54 | 4.47 | 150 | 189.35 |
| | -Ｙ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.54 | 4.47 | 150 | 189.35 |
| | 又- | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.53 | 2.30 | 2.88 | 4.51 | 150 | 234.90 |
| | 又-Ｙ４ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.20 | 3.00 | 3.54 | 5.88 | 150 | 249.08 |
| | -Ｙ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 2.88 | 8.92 | 150 | 464.58 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｙ６-Ｙ７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.82 | 7.28 | 2.88 | 14.27 | 150 | 743.23 |
| | Ｙ７-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.37 | 5.46 | 2.88 | 10.70 | 150 | 557.29 |
| Ｘ２ | 又- | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | 0.25 | 1.00 | 1.53 | 1.53 | 2.88 | 3.00 | 150 | 156.20 |
| Ｘ３ | Ｙ６-Ｙ７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | 0.90 | 3.60 | 1.82 | 6.55 | 2.88 | 12.84 | 150 | 668.52 |
| Ｘ５ | 又-又Ｙ１ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | 又-Ｙ２ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.54 | 5.35 | 150 | 226.63 |
| | -Ｙ２ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | Ｙ４- | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 2.88 | 5.35 | 150 | 278.55 |
| | Ｙ６-Ｙ７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | 0.96 | 3.84 | 1.82 | 6.99 | 2.88 | 13.70 | 150 | 713.54 |
| | -Ｙ７ | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 2.25 | 2.25 | 0.95 | 2.14 | 0.91 | 1.95 | 2.88 | 3.82 | 150 | 198.96 |
| 又Ｘ７ | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| Ｘ８ | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.55 | 7.75 | 3.54 | 15.19 | 150 | 643.46 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| Ｘ９ | 又-又Ｙ１ | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 2.25 | 2.25 | － | 2.25 | 0.91 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | 又-又 | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 1.35 | 1.35 | － | 1.35 | 0.91 | 1.23 | 3.54 | 2.41 | 150 | 102.09 |
| | 又-Ｙ３ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.37 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | 又-Ｙ２ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.37 | 3.41 | 3.54 | 6.68 | 150 | 282.97 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.79 | 0.99 | 3.54 | 1.94 | 150 | 82.18 |
| X10 | 又-又Ｙ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.86 | 1.08 | 3.54 | 2.12 | 150 | 89.81 |
| | 又Ｙ５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X10 | 又-又 | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 0.67 | 0.67 | － | 0.67 | 0.46 | 0.30 | 3.54 | 0.59 | 150 | 24.99 |
| 又X10 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.79 | 0.99 | 3.54 | 1.94 | 150 | 82.18 |
| 又X10 | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.52 | 0.39 | 3.54 | 0.76 | 150 | 32.19 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.54 | 1.12 | 150 | 47.44 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.54 | 1.12 | 150 | 47.44 |
| 又X12 | 又Ｙ４-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.91 | 1.82 | 3.54 | 3.57 | 150 | 151.23 |
| 又X12 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.62 | 1.35 | 3.54 | 2.65 | 150 | 112.26 |
| 又X13 | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又X14 | 又-又Ｙ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X14 | 又-又Ｙ４ | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.70 | 0.52 | 3.54 | 1.02 | 150 | 43.21 |
| 又X15 | 又Ｙ５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |

２階Ｙ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又X15 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.91 | 1.97 | 3.54 | 3.86 | 150 | 163.51 |
| 又X15 | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.58 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| 又X16 | 又-又Y６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.69 | 1.50 | 3.54 | 2.94 | 150 | 124.54 |
| | 又Y６-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又X16 | 又Y３-又 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.64 | 0.48 | 3.54 | 0.94 | 150 | 39.82 |
| 又X17 | 又Y４-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X18 | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.63 | 0.47 | 3.54 | 0.92 | 150 | 38.97 |
| 又X18 | 又-又Y５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.81 | 3.93 | 3.54 | 7.70 | 150 | 326.18 |
| 又X19 | 又Y５-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| | 又Y５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.54 | 3.35 | 150 | 141.91 |
| 又X20 | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又X21 | 又-又Y５ | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又 | 又-又 | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 1.17 | 1.17 | － | 1.17 | 0.79 | 0.92 | 3.54 | 1.80 | 150 | 76.25 |
| 計 | | | | | | | | | | | | | | Ld=131.02 | 256.78 | | 11626.73 |

２階Ｙ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| X０ | 又Y１-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.37 | 3.41 | 3.54 | 6.68 | 150 | 282.97 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.54 | 4.47 | 150 | 189.35 |
| | -Y３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.54 | 4.47 | 150 | 189.35 |
| | 又- | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.53 | 3.83 | 2.88 | 7.51 | 150 | 391.15 |
| | 又-Y４ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.20 | 1.80 | 3.54 | 3.53 | 150 | 149.53 |
| | -Y６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 2.88 | 8.92 | 150 | 464.58 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Y６-Y７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.82 | 7.28 | 2.88 | 14.27 | 150 | 743.23 |
| | Y７-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.37 | 5.46 | 2.88 | 10.70 | 150 | 557.29 |
| X２ | 又- | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | 0.25 | 1.00 | 1.53 | 1.53 | 2.88 | 3.00 | 150 | 156.20 |
| X３ | Y６-Y７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | 0.90 | 3.60 | 1.82 | 6.55 | 2.88 | 12.84 | 150 | 668.52 |
| X５ | 又-又Y１ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.54 | 5.35 | 150 | 226.63 |
| | 又-Y２ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | -Y２ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.54 | 5.35 | 150 | 226.63 |
| | Y４- | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 2.88 | 8.92 | 150 | 464.42 |
| | Y６-Y７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | 0.97 | 3.88 | 1.82 | 7.06 | 2.88 | 13.84 | 150 | 720.83 |
| | -Y７ | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 1.35 | 1.35 | 0.97 | 1.31 | 0.91 | 1.19 | 2.88 | 2.33 | 150 | 121.35 |
| 又X７ | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| X８ | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.55 | 7.75 | 3.54 | 15.19 | 150 | 643.46 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| X９ | 又-又Y１ | 引筋 | 1.50 | － | － | 0.90 | 1.35 | 1.35 | 1.35 | － | 1.35 | 0.91 | 1.23 | 3.54 | 2.41 | 150 | 102.09 |
| | 又-又 | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 2.25 | 2.25 | － | 2.25 | 0.91 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | 又-Y３ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.37 | 3.41 | 3.54 | 6.68 | 150 | 282.97 |
| | 又-Y２ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.37 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.54 | 8.92 | 150 | 377.86 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.79 | 0.99 | 3.54 | 1.94 | 150 | 82.18 |
| X10 | 又-又Y５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.86 | 1.08 | 3.54 | 2.12 | 150 | 89.81 |
| | 又Y５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X10 | 又-又 | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 1.12 | 1.12 | － | 1.12 | 0.46 | 0.51 | 3.54 | 1.00 | 150 | 42.36 |
| 又X10 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.79 | 0.99 | 3.54 | 1.94 | 150 | 82.18 |
| 又X10 | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.52 | 0.65 | 3.54 | 1.27 | 150 | 53.80 |

２階Ｙ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.54 | 1.12 | 150 | 47.44 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.54 | 1.12 | 150 | 47.44 |
| 又X12 | 又Y４-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.91 | 1.82 | 3.54 | 3.57 | 150 | 151.23 |
| 又X12 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.62 | 1.35 | 3.54 | 2.65 | 150 | 112.26 |
| 又X13 | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.58 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| 又X14 | 又-又Y５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X14 | 又-又Y４ | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.70 | 0.87 | 3.54 | 1.71 | 150 | 72.44 |
| 又X15 | 又Y５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X15 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.91 | 1.97 | 3.54 | 3.86 | 150 | 163.51 |
| 又X15 | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.54 | 6.70 | 150 | 283.82 |
| 又X16 | 又-又Y６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.69 | 1.50 | 3.54 | 2.94 | 150 | 124.54 |
| | 又Y６-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.54 | 2.23 | 150 | 94.46 |
| 又X16 | 又Y３-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.64 | 0.80 | 3.54 | 1.57 | 150 | 66.51 |
| 又X17 | 又Y４-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.54 | 5.70 | 150 | 241.46 |
| 又X18 | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.63 | 0.78 | 3.54 | 1.53 | 150 | 64.81 |
| 又X18 | 又-又Y５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.81 | 3.93 | 3.54 | 7.70 | 150 | 326.18 |
| 又X19 | 又Y５-又 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.91 | 0.68 | 3.54 | 1.33 | 150 | 56.34 |
| | 又Y５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.54 | 3.35 | 150 | 141.91 |
| 又X20 | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.58 | 2.05 | 3.54 | 4.02 | 150 | 170.29 |
| 又X21 | 又-又Y５ | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.91 | 0.68 | 3.54 | 1.33 | 150 | 56.34 |
| 又 | 又-又 | 圧筋 | 2.50 | － | － | 0.90 | 2.25 | 1.95 | 1.95 | － | 1.95 | 0.79 | 1.54 | 3.54 | 3.02 | 150 | 127.93 |
| 計 | | | | | | | | | | | | | | Ld=131.80 | 258.33 | | 11743.08 |

上段：Ｘ＋方向壁倍率
下段：Ｘ－方向壁倍率
左側：Ｙ＋方向壁倍率
右側：Ｙ－方向壁倍率

１階耐力壁の配置

α'ｉ：耐力壁の壁倍率
βｉ：耐力壁の高さの倍率(面材の高さの合計/横架材の内法距離)
γｉ：準耐力壁低減係数
Ｃｉ：下部横架材のたわみによる低減係数（－は1.00として算出）
αｉ：実質壁倍率
ｌｉ：耐力壁の長さ(m)
Ｌｄ：設計壁量(m)
Ｐｉ：許容耐力(kN)=αｉｌｉ×1.960
ｈｉ：横架材天端間高さ(m)
Ｋ：壁の剛性(kN/m) = Pi × せん断変形角 / hi
ｄ：筋かい有効傾斜（設定値3.50）以上の場合の低減係数（3.50×長さ/高さ）

１階Ｘ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｙ０ | Ｘ０-又Ｘ１ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.21 | 6.03 | 3.70 | 11.82 | 150 | 478.67 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ４- | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.75 | 1.88 | 3.70 | 3.68 | 150 | 149.03 |
| | -又Ｘ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又Ｘ７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.21 | 4.82 | 3.70 | 9.45 | 150 | 382.69 |
| | 又Ｘ７-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| | 又-Ｘ９ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |

１階Ｘ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又 | 又X11-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| | 又X11-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.70 | 2.23 | 150 | 90.31 |
| 又 | 又X11-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 又 | 又X12-又X13 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.70 | 2.23 | 150 | 90.31 |
| Ｙ２ | Ｘ４-Ｘ５ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.50 | 6.00 | 3.70 | 11.76 | 150 | 476.24 |
| | 又Ｘ５-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.89 | 7.54 | 3.70 | 14.78 | 150 | 598.54 |
| | 又-Ｘ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.64 | 8.20 | 3.70 | 16.07 | 150 | 650.78 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ７-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.40 | 7.00 | 3.70 | 13.72 | 150 | 555.62 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又 | 又X15-又X15 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.68 | 0.85 | 3.70 | 1.67 | 150 | 67.63 |
| 又 | 又X16-又X17 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.68 | 0.51 | 3.70 | 1.00 | 150 | 40.50 |
| 又 | 又X19-又X19 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| Ｙ３ | Ｘ０-又Ｘ１ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｘ１-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 2.39 | 5.98 | 3.70 | 11.72 | 150 | 474.62 |
| | Ｘ５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｘ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｙ３ | 又X14-又X15 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又Ｙ３ | 又X19-又X20 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又 | 又X15-又X17 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.26 | 2.73 | 3.70 | 5.35 | 150 | 216.66 |
| 又 | 又X14-又X15 | 両筋 | 4.00 | － | － | － | 4.00 | 5.63 | 5.63 | － | 5.63 | 1.10 | 6.22 | 3.70 | 12.19 | 150 | 493.66 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又 | 又X19-又X20 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.71 | 1.54 | 3.70 | 3.02 | 150 | 122.30 |
| Ｙ４ | Ｘ１-Ｘ０ | 圧筋 | 2.50 | － | － | 0.83 | 2.08 | 2.08 | 2.08 | － | 2.08 | 0.88 | 1.83 | 3.70 | 3.59 | 150 | 145.38 |
| | Ｘ１-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.40 | 2.09 | 3.70 | 4.10 | 150 | 166.04 |
| 又Ｙ４ | 又X13-又X14 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 5.14 | 5.14 | － | 5.14 | 0.79 | 4.05 | 3.70 | 7.94 | 150 | 321.54 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｙ４ | 又X16-又X18 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| 又Ｙ４ | 又X12-又X13 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 5.14 | 5.14 | － | 5.14 | 0.79 | 4.05 | 3.70 | 7.94 | 150 | 321.54 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｙ４ | 又X21-又X21 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又Ｙ４ | 又X15-又X16 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| 又 | 又X21-又X21 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| | 又X21-又X22 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又 | 又X13-又X15 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.97 | 6.82 | 3.70 | 13.37 | 150 | 541.44 |
| 又 | 又Ｘ９-又X10 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| 又 | 又X21-又X22 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又 | 又Ｘ７-Ｘ８ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.50 | 7.50 | 3.70 | 14.70 | 150 | 595.30 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ８-Ｘ９ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.78 | 1.94 | 3.70 | 3.80 | 150 | 153.89 |
| 又Ｙ５ | 又X20-又X21 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又Ｙ５ | Ｘ７-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.14 | 4.56 | 3.70 | 8.94 | 150 | 362.04 |

１階Ｘ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又Ｙ５ | 又X19-又X20 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又 | 又X15-又X16 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.93 | 1.16 | 3.70 | 2.27 | 150 | 91.93 |
| 又 | 又X10-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.73 | 3.76 | 3.70 | 7.37 | 150 | 298.46 |
| | 又X10-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.70 | 1.90 | 150 | 76.94 |
| 又 | 又X16-又X17 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又Ｙ６ | 又X16-又X16 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又 | 又X11-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.75 | 0.94 | 3.70 | 1.84 | 150 | 74.51 |
| Ｙ７ | Ｘ１-Ｘ０ | 圧筋 | 2.50 | － | － | 0.83 | 2.08 | 2.08 | 2.08 | － | 2.08 | 0.88 | 1.83 | 4.37 | 3.59 | 150 | 123.37 |
| | Ｘ１-又 | 引筋 | 1.50 | － | － | － | 1.50 | 4.00 | 4.00 | － | 4.00 | 1.51 | 6.04 | 4.37 | 11.84 | 150 | 406.87 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 4.37 | 8.92 | 150 | 306.53 |
| | Ｘ３-又Ｘ４ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.84 | 2.76 | 4.37 | 5.41 | 150 | 185.91 |
| 又Ｙ７ | 又X12-又X13 | 引筋 | 1.50 | － | － | 0.86 | 1.29 | 1.12 | 1.12 | － | 1.12 | 0.79 | 0.88 | 3.70 | 1.72 | 150 | 69.65 |
| 又 | 又X10-又X10 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又 | 又X10-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| Ｙ８ | 又Ｘ４-Ｘ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ５- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | - | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ６- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｘ７ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.69 | 3.45 | 3.70 | 6.76 | 150 | 273.76 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ９ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| Ｙ９ | 又Ｘ０-又Ｘ１ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.13 | 1.69 | 4.37 | 3.31 | 150 | 113.75 |
| | Ｘ３-又Ｘ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.92 | 4.60 | 4.37 | 9.02 | 150 | 309.97 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｘ３-又Ｘ４ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.92 | 2.30 | 4.37 | 4.51 | 150 | 154.98 |
| 計 | | | | | | | | | | | | | | Ld=227.72 | 446.39 | | 17791.56 |

１階Ｘ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｙ０ | Ｘ０-又Ｘ１ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.21 | 6.03 | 3.70 | 11.82 | 150 | 478.67 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ４- | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.75 | 1.88 | 3.70 | 3.68 | 150 | 149.03 |
| | -又Ｘ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又Ｘ７ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.21 | 4.82 | 3.70 | 9.45 | 150 | 382.69 |
| | 又Ｘ７-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| | 又-Ｘ９ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| 又 | 又X11-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| | 又X11-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.70 | 2.23 | 150 | 90.31 |
| 又 | 又X11-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 又 | 又X12-又X13 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.91 | 1.14 | 3.70 | 2.23 | 150 | 90.31 |

１階Ｘ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | li | αili | hi | Pi | せん断 | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | d | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｙ２ | Ｘ４-Ｘ５ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.50 | 6.00 | 3.70 | 11.76 | 150 | 476.24 |
| | 又Ｘ５-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.89 | 7.54 | 3.70 | 14.78 | 150 | 598.54 |
| | 又-Ｘ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.64 | 8.20 | 3.70 | 16.07 | 150 | 650.78 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ７-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.40 | 7.00 | 3.70 | 13.72 | 150 | 555.62 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又 | 又X15-又X15 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.68 | 0.51 | 3.70 | 1.00 | 150 | 40.50 |
| 又 | 又X16-又X17 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.68 | 0.85 | 3.70 | 1.67 | 150 | 67.63 |
| 又 | 又X19-又X19 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| Ｙ３ | Ｘ０-又Ｘ１ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｘ１-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 2.39 | 5.98 | 3.70 | 11.72 | 150 | 474.62 |
| | Ｘ５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｘ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｙ３ | 又X14-又X15 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又Ｙ３ | 又X19-又X20 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又 | 又X15-又X17 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.26 | 1.64 | 3.70 | 3.21 | 150 | 129.99 |
| 又 | 又X14-又X15 | 両筋 | 4.00 | － | － | － | 4.00 | 5.63 | 5.63 | － | 5.63 | 1.10 | 6.22 | 3.70 | 12.19 | 150 | 493.66 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又 | 又X19-又X20 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.71 | 1.54 | 3.70 | 3.02 | 150 | 122.30 |
| Ｙ４ | Ｘ１-Ｘ０ | 引筋 | 1.50 | － | － | 0.83 | 1.25 | 1.25 | 1.25 | － | 1.25 | 0.88 | 1.10 | 3.70 | 2.16 | 150 | 87.47 |
| | Ｘ１-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.40 | 3.49 | 3.70 | 6.84 | 150 | 277.00 |
| 又Ｙ４ | 又X13-又X14 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 5.14 | 5.14 | － | 5.14 | 0.79 | 4.05 | 3.70 | 7.94 | 150 | 321.54 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｙ４ | 又X16-又X18 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| 又Ｙ４ | 又X12-又X13 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 5.14 | 5.14 | － | 5.14 | 0.79 | 4.05 | 3.70 | 7.94 | 150 | 321.54 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｙ４ | 又X21-又X21 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又Ｙ４ | 又X15-又X16 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| 又 | 又X21-又X21 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| | 又X21-又X22 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又 | 又X13-又X15 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.97 | 6.82 | 3.70 | 13.37 | 150 | 541.44 |
| 又 | 又Ｘ９-又X10 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| 又 | 又X21-又X22 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又 | 又Ｘ７-Ｘ８ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.50 | 7.50 | 3.70 | 14.70 | 150 | 595.30 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ８-Ｘ９ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.78 | 1.94 | 3.70 | 3.80 | 150 | 153.89 |
| 又Ｙ５ | 又X20-又X21 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又Ｙ５ | Ｘ７-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.14 | 4.56 | 3.70 | 8.94 | 150 | 362.04 |
| 又Ｙ５ | 又X19-又X20 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又 | 又X15-又X16 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.93 | 1.16 | 3.70 | 2.27 | 150 | 91.93 |
| 又 | 又X10-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.73 | 3.76 | 3.70 | 7.37 | 150 | 298.46 |
| | 又X10-又X11 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.78 | 0.97 | 3.70 | 1.90 | 150 | 76.94 |

１階Ｘ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又 | 又X16-又X17 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又Y６ | 又X16-又X16 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又 | 又X11-又X12 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.75 | 0.94 | 3.70 | 1.84 | 150 | 74.51 |
| Ｙ７ | Ｘ１-Ｘ０ | 引筋 | 1.50 | － | － | 0.83 | 1.25 | 1.25 | 1.25 | － | 1.25 | 0.88 | 1.10 | 4.37 | 2.16 | 150 | 74.23 |
| | Ｘ１-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.51 | 7.55 | 4.37 | 14.80 | 150 | 508.59 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 4.37 | 8.92 | 150 | 306.53 |
| | Ｘ３-又Ｘ４ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.84 | 4.60 | 4.37 | 9.02 | 150 | 309.97 |
| 又Ｙ７ | 又X12-又X13 | 圧筋 | 2.50 | － | － | 0.86 | 2.15 | 1.86 | 1.86 | － | 1.86 | 0.79 | 1.47 | 3.70 | 2.88 | 150 | 116.63 |
| 又 | 又X10-又X10 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又 | 又X10-又X10 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| Ｙ８ | 又Ｘ４-Ｘ５ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ５- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | - | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｘ６- | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｘ７ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.69 | 3.45 | 3.70 | 6.76 | 150 | 273.76 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｘ９ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| Ｙ９ | 又Ｘ０-又Ｘ１ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.13 | 2.81 | 4.37 | 5.51 | 150 | 189.35 |
| | Ｘ３-又Ｘ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.92 | 4.60 | 4.37 | 9.02 | 150 | 309.97 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｘ３-又Ｘ４ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.92 | 2.30 | 4.37 | 4.51 | 150 | 154.98 |
| 計 | | | | | | | | | | | | | | Ld=231.63 | 454.06 | | 18057.16 |

１階Ｙ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| X0 | Y0-又Y0 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | 又Y0-又Y1 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | 又Y1-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | 又-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | -Y3 | 耐力壁 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 0.91 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| | Y4-又 | 引筋 | 1.50 | — | — | — | 1.50 | 1.50 | 1.50 | — | 1.50 | 1.20 | 1.80 | 3.00 | 3.53 | 150 | 176.26 |
| | -又 | 圧筋 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 1.53 | 3.83 | 3.00 | 7.51 | 150 | 375.00 |
| | -Y5 | 引筋 | 1.50 | — | — | 0.86 | 1.29 | 1.29 | 1.29 | — | 1.29 | 0.91 | 1.17 | 3.67 | 2.29 | 150 | 93.72 |
| | Y5- | 圧筋 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.82 | 9.10 | 3.67 | 17.84 | 150 | 730.15 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | -Y6 | 引筋 | 1.50 | — | — | 0.86 | 1.29 | 1.29 | 1.29 | — | 1.29 | 0.91 | 1.17 | 3.67 | 2.29 | 150 | 93.72 |
| | Y7-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.37 | 6.83 | 4.37 | 13.39 | 150 | 460.14 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | Y7-Y6 | 圧筋 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 1.82 | 4.55 | 3.67 | 8.92 | 150 | 365.08 |
| | 又-Y9 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.37 | 6.83 | 4.37 | 13.39 | 150 | 460.14 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| X3 | Y3-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.57 | 7.85 | 3.70 | 15.39 | 150 | 623.25 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | Y4-又 | 両筋 | 4.00 | — | — | — | 4.00 | 4.00 | 4.00 | — | 4.00 | 1.20 | 4.80 | 3.00 | 9.41 | 150 | 469.87 |
| X4 | 又Y1-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | 又-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.40 | 7.00 | 3.70 | 13.72 | 150 | 555.62 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | Y2-又 | 両筋 | 4.00 | — | — | — | 4.00 | 4.00 | 4.00 | — | 4.00 | 1.65 | 6.60 | 3.70 | 12.94 | 150 | 524.03 |
| | 又-Y3 | 両筋 | 4.00 | — | — | — | 4.00 | 4.00 | 4.00 | — | 4.00 | 1.08 | 4.32 | 3.70 | 8.47 | 150 | 343.01 |
| | Y0-又Y0 | 両筋 | 4.00 | — | — | 0.86 | 3.44 | 3.44 | 3.44 | — | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| | 又Y0-又Y1 | 両筋 | 4.00 | — | — | 0.86 | 3.44 | 3.44 | 3.44 | — | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| X6 | 又-Y3 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.59 | 7.95 | 3.70 | 15.58 | 150 | 630.94 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| X7 | -Y3 | 耐力壁 | 2.50 | — | — | — | 2.50 | 5.00 | 5.00 | — | 5.00 | 1.82 | 9.10 | 3.70 | 17.84 | 150 | 722.46 |
| | | 耐力壁 | 2.50 | — | — | — | 2.50 | | | | | | | | | | |
| | 又-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 1.82 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | 又Y5-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 1.37 | 3.41 | 3.70 | 6.68 | 150 | 270.52 |
| | 又-又Y6 | 両筋 | 4.00 | — | — | 0.86 | 3.44 | 3.44 | 3.44 | — | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| | 又-Y8 | 両筋 | 4.00 | — | — | 0.86 | 3.44 | 3.44 | 3.44 | — | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| X8 | 又-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 0.91 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| | 又-又 | 耐力壁 | 2.50 | — | — | — | 2.50 | 2.50 | 2.50 | — | 2.50 | 0.91 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |

１階Ｙ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｘ９ | Ｙ０-Ｙ１ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.10 | 4.40 | 3.70 | 8.62 | 150 | 349.08 |
| | 又Ｙ１-又 | 引筋 | 1.50 | － | － | 0.86 | 1.29 | 1.29 | 1.29 | － | 1.29 | 0.91 | 1.17 | 3.70 | 2.29 | 150 | 92.74 |
| | 又-又 | 圧筋 | 2.50 | － | － | 0.86 | 2.15 | 2.15 | 2.15 | － | 2.15 | 0.91 | 1.96 | 3.70 | 3.84 | 150 | 155.51 |
| | Ｙ２-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.37 | 5.46 | 3.70 | 10.70 | 150 | 433.32 |
| | 又-Ｙ３ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.37 | 5.46 | 3.70 | 10.70 | 150 | 433.32 |
| | Ｙ３- | 引筋 | 1.50 | － | － | － | 1.50 | 4.00 | 4.00 | － | 4.00 | 1.82 | 7.28 | 3.70 | 14.27 | 150 | 577.89 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｙ５-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.37 | 2.05 | 3.70 | 4.02 | 150 | 162.80 |
| | 又-又Ｙ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.97 | 4.83 | 3.70 | 9.47 | 150 | 383.50 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｙ６-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又Ｙ７ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｙ７-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Ｙ８ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| 又Ｘ９ | 又-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又Ｘ10 | 又-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又Ｘ10 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又Ｘ11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又Ｘ11 | 又-又Ｙ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.70 | 5.70 | 150 | 230.83 |
| 又Ｘ11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又Ｘ12 | 又-又Ｙ７ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.30 | 2.82 | 3.70 | 5.53 | 150 | 223.95 |
| | 又Ｙ７-又Ｙ７ | 圧筋 | 2.50 | － | － | 0.86 | 2.15 | 1.07 | 1.07 | － | 1.07 | 0.46 | 0.49 | 3.70 | 0.96 | 150 | 38.88 |
| 又Ｘ12 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 1.00 | 1.25 | 3.70 | 2.45 | 150 | 99.22 |
| 又Ｘ12 | 又Ｙ４-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.97 | 2.97 | － | 2.97 | 0.46 | 1.35 | 3.70 | 2.65 | 150 | 107.32 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｘ12 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.70 | 6.70 | 150 | 271.33 |
| 又Ｘ13 | 又-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 1.14 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| 又Ｘ13 | 又Ｙ４-又Ｙ４ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.97 | 2.97 | － | 2.97 | 0.46 | 1.35 | 3.70 | 2.65 | 150 | 107.32 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｘ13 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.70 | 6.70 | 150 | 271.33 |
| 又Ｘ14 | 又-又Ｙ４ | 両筋 | 4.00 | － | － | － | 4.00 | 3.25 | 3.25 | － | 3.25 | 0.64 | 2.07 | 3.70 | 4.06 | 150 | 164.42 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又Ｘ15 | 又Ｙ４-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又Ｘ15 | 又Ｙ３-又 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 0.75 | 0.75 | － | 0.75 | 0.73 | 0.55 | 3.70 | 1.08 | 150 | 43.74 |
| 又Ｘ15 | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.18 | 2.57 | 3.70 | 5.04 | 150 | 204.10 |
| 又Ｘ16 | 又-又Ｙ６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.60 | 3.48 | 3.70 | 6.82 | 150 | 276.19 |
| | 又Ｙ６-又Ｙ６ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又Ｘ16 | 又Ｙ４-又Ｙ４ | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又Ｘ16 | 又-又Ｙ６ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又Ｘ17 | 又-又Ｙ３ | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.18 | 1.54 | 3.70 | 3.02 | 150 | 122.30 |
| 又Ｘ19 | 又-又Ｙ３ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又Ｘ19 | 又Ｙ５-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又Ｘ20 | 又Ｙ３-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.41 | 0.51 | 3.70 | 1.00 | 150 | 40.50 |
| 又Ｘ20 | 又Ｙ５-又Ｙ５ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |

１階Ｙ＋方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又X21 | 又Ｙ４-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 又X21 | 又Ｙ４-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 又X22 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 計 | | | | | | | | | | | | | | Ld=242.28 | 474.93 | | 19275.44 |

１階Ｙ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| Ｘ０ | Ｙ０-又Ｙ０ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｙ０-又Ｙ１ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Ｙ１-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｙ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| | Ｙ４-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.20 | 3.00 | 3.00 | 5.88 | 150 | 293.61 |
| | -又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.53 | 2.30 | 3.00 | 4.51 | 150 | 225.20 |
| | -Ｙ５ | 圧筋 | 2.50 | － | － | 0.86 | 2.15 | 2.15 | 2.15 | － | 2.15 | 0.91 | 1.96 | 3.67 | 3.84 | 150 | 157.16 |
| | Ｙ５- | 引筋 | 1.50 | － | － | － | 1.50 | 4.00 | 4.00 | － | 4.00 | 1.82 | 7.28 | 3.67 | 14.27 | 150 | 584.04 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | -Ｙ６ | 圧筋 | 2.50 | － | － | 0.86 | 2.15 | 2.15 | 2.15 | － | 2.15 | 0.91 | 1.96 | 3.67 | 3.84 | 150 | 157.16 |
| | Ｙ７-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 4.37 | 13.39 | 150 | 460.14 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｙ７-Ｙ６ | 引筋 | 1.50 | － | － | － | 1.50 | 1.50 | 1.50 | － | 1.50 | 1.82 | 2.73 | 3.67 | 5.35 | 150 | 218.96 |
| | 又-Ｙ９ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 4.37 | 13.39 | 150 | 460.14 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| Ｘ３ | Ｙ３-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.57 | 7.85 | 3.70 | 15.39 | 150 | 623.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｙ４-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.20 | 4.80 | 3.00 | 9.41 | 150 | 469.87 |
| Ｘ４ | 又Ｙ１-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.37 | 6.83 | 3.70 | 13.39 | 150 | 542.25 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.40 | 7.00 | 3.70 | 13.72 | 150 | 555.62 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | Ｙ２-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.65 | 6.60 | 3.70 | 12.94 | 150 | 524.03 |
| | 又-Ｙ３ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.08 | 4.32 | 3.70 | 8.47 | 150 | 343.01 |
| | Ｙ０-又Ｙ０ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| | 又Ｙ０-又Ｙ１ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| Ｘ６ | 又-Ｙ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.59 | 7.95 | 3.70 | 15.58 | 150 | 630.94 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| Ｘ７ | -Ｙ３ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.82 | 9.10 | 3.70 | 17.84 | 150 | 722.46 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.82 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | 又Ｙ５-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.37 | 3.41 | 3.70 | 6.68 | 150 | 270.52 |
| | 又-又Ｙ６ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| | 又-Ｙ８ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |

１階Ｙ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | li | αili | hi | Pi | せん断 | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | d | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| X８ | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 0.91 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| X９ | Y０-Y１ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.10 | 4.40 | 3.70 | 8.62 | 150 | 349.08 |
| | 又Y１-又 | 圧筋 | 2.50 | － | － | 0.86 | 2.15 | 2.15 | 2.15 | － | 2.15 | 0.91 | 1.96 | 3.70 | 3.84 | 150 | 155.51 |
| | 又-又 | 引筋 | 1.50 | － | － | 0.86 | 1.29 | 1.29 | 1.29 | － | 1.29 | 0.91 | 1.17 | 3.70 | 2.29 | 150 | 92.74 |
| | Y２-又 | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.37 | 5.46 | 3.70 | 10.70 | 150 | 433.32 |
| | 又-Y３ | 両筋 | 4.00 | － | － | － | 4.00 | 4.00 | 4.00 | － | 4.00 | 1.37 | 5.46 | 3.70 | 10.70 | 150 | 433.32 |
| | Y３- | 圧筋 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 1.82 | 9.10 | 3.70 | 17.84 | 150 | 722.46 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Y５-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 2.50 | 2.50 | － | 2.50 | 1.37 | 3.41 | 3.70 | 6.68 | 150 | 270.52 |
| | 又-又Y６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.97 | 4.83 | 3.70 | 9.47 | 150 | 383.50 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Y６-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-又Y７ | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又Y７-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 5.00 | 5.00 | － | 5.00 | 0.91 | 4.55 | 3.70 | 8.92 | 150 | 361.23 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| | 又-Y８ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 3.44 | 3.44 | － | 3.44 | 0.91 | 3.13 | 3.70 | 6.13 | 150 | 248.25 |
| 又X９ | 又-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又X10 | 又-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又X10 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又X11 | 又-又Y６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.34 | 2.91 | 3.70 | 5.70 | 150 | 230.83 |
| 又X11 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.46 | 0.57 | 3.70 | 1.12 | 150 | 45.36 |
| 又X12 | 又-又Y７ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.30 | 2.82 | 3.70 | 5.53 | 150 | 223.95 |
| | 又Y７-又Y７ | 引筋 | 1.50 | － | － | 0.86 | 1.29 | 0.64 | 0.64 | － | 0.64 | 0.46 | 0.29 | 3.70 | 0.57 | 150 | 23.08 |
| 又X12 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 1.00 | 1.25 | 3.70 | 2.45 | 150 | 99.22 |
| 又X12 | 又Y４-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.97 | 2.97 | － | 2.97 | 0.46 | 1.35 | 3.70 | 2.65 | 150 | 107.32 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又X12 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.70 | 6.70 | 150 | 271.33 |
| 又X13 | 又-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 1.14 | 2.28 | 3.70 | 4.47 | 150 | 181.02 |
| 又X13 | 又Y４-又Y４ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.97 | 2.97 | － | 2.97 | 0.46 | 1.35 | 3.70 | 2.65 | 150 | 107.32 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又X13 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.58 | 3.42 | 3.70 | 6.70 | 150 | 271.33 |
| 又X14 | 又-又Y４ | 両筋 | 4.00 | － | － | － | 4.00 | 3.25 | 3.25 | － | 3.25 | 0.64 | 2.07 | 3.70 | 4.06 | 150 | 164.42 |
| | | 耐力壁 | 2.50 | － | － | － | 2.50 | | | | | | | | | | |
| 又X15 | 又Y４-又 | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又X15 | 又Y３-又 | 両筋 | 4.00 | － | － | － | 4.00 | 3.46 | 3.46 | － | 3.46 | 1.18 | 4.09 | 3.70 | 8.02 | 150 | 324.78 |
| | 又-又 | 圧筋 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.73 | 0.91 | 3.70 | 1.78 | 150 | 72.08 |
| 又X15 | 又-又 | 引筋 | 1.50 | － | － | － | 1.50 | 1.30 | 1.30 | － | 1.30 | 1.18 | 1.54 | 3.70 | 3.02 | 150 | 122.30 |
| 又X16 | 又-又Y６ | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.60 | 3.48 | 3.70 | 6.82 | 150 | 276.19 |
| | 又Y６-又Y６ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又X16 | 又Y４-又Y４ | 両筋 | 4.00 | － | － | － | 4.00 | 2.00 | 2.00 | － | 2.00 | 0.68 | 1.37 | 3.70 | 2.69 | 150 | 108.94 |
| 又X16 | 又-又Y６ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又X17 | 又-又Y３ | 圧筋 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 1.18 | 2.57 | 3.70 | 5.04 | 150 | 204.10 |
| 又X19 | 又-又Y３ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| 又X19 | 又Y５-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |

１階Ｙ－方向算定表

| 通り | 位置 | 種別 | 耐力壁量 | | | | | 倍率計(合計) | | Ｃｉ | αｉ | ｌｉ | αｉｌｉ | ｈｉ | Ｐｉ | せん断 | Ｋ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | α'ｉ | βｉ | γｉ | ｄ | 倍率 | 耐力壁 | ＋準耐 | | | | | (m) | (kN) | 変形角 | (kN/m) |
| 又X20 | 又Y３-又 | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 2.98 | 2.98 | － | 2.98 | 0.79 | 2.35 | 3.70 | 4.61 | 150 | 186.69 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 1.25 | 1.25 | － | 1.25 | 0.41 | 0.51 | 3.70 | 1.00 | 150 | 40.50 |
| 又X20 | 又Y５-又Y５ | 両筋 | 4.00 | － | － | 0.86 | 3.44 | 1.72 | 1.72 | － | 1.72 | 0.46 | 0.78 | 3.70 | 1.53 | 150 | 61.96 |
| 又X21 | 又Y４-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 又X21 | 又Y４-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 又X22 | 又-又 | 耐力壁 | 2.50 | － | － | － | 2.50 | 2.17 | 2.17 | － | 2.17 | 0.79 | 1.71 | 3.70 | 3.35 | 150 | 135.66 |
| 計 | | | | | | | | | | | | | | Ld=243.23 | 476.78 | | 19342.47 |

(2) 建物重量の算定
(外壁、内壁面積は当該階のFL＋階高の1/2で分割)

２層（３階下部＋２階上部）

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 屋根２ | | 0.54 | － | 153.241 | 82.680 | |
| 屋根５ | | 0.54 | － | 20.131 | 10.862 | |
| 屋根４ | | 0.53 | － | 114.621 | 60.926 | |
| 屋根３ | | 0.53 | － | 127.805 | 68.180 | |
| 屋根６ | | 0.53 | － | 35.501 | 18.871 | 241.52 |
| 軒先２ | | 0.47 | － | 10.753 | 5.049 | |
| 軒先５ | | 0.47 | － | 6.269 | 2.943 | |
| 軒先４ | | 0.46 | － | 2.773 | 1.280 | |
| 軒先３ | | 0.46 | － | 9.776 | 4.531 | |
| 軒先６ | | 0.46 | － | 1.798 | 0.830 | 14.64 |
| 外壁 | X０ | 0.70 | － | 63.310 | 44.317 | |
| 外壁 | X９ | 0.70 | － | 5.821 | 4.074 | |
| 外壁 | X９ | 0.70 | － | 3.325 | 2.327 | |
| 外壁 | X９ | 0.70 | － | 5.130 | 3.591 | |
| 外壁 | Y１ | 0.70 | 15.61×1.8 | 27.629 | 19.340 | |
| 外壁 | 又X11又-又X12又 | 0.70 | － | 1.796 | 1.257 | |
| 外壁 | 又X12又-又X15又 | 0.70 | － | 14.951 | 10.466 | |
| 外壁 | X９又-又X11又 | 0.70 | 3.10×1.5 | 4.634 | 3.244 | |
| 外壁 | X９又-又X12又 | 0.70 | 3.73×1.8 | 6.611 | 4.628 | |
| 外壁 | 又X19又-又又 | 0.70 | － | 14.278 | 9.995 | |
| 外壁 | 又X15又-又X16又 | 0.70 | － | 3.434 | 2.404 | |
| 外壁 | 又X16又-又X17又Y３ | 0.70 | 2.73×2.4 | 6.682 | 4.677 | |
| 外壁 | Y７ | 0.70 | 15.61×1.0 | 15.597 | 10.918 | |
| 外壁 | Y８ | 0.70 | 6.05×1.8 | 10.712 | 7.498 | |
| 外壁 | Y８ | 0.70 | － | 17.742 | 12.420 | |
| 外壁 | 又X９Y８-又又 | 0.70 | 14.19×1.8 | 25.130 | 17.591 | 158.75 |
| 内壁 | X２ | 0.54 | 2.89×1.7 | 4.828 | 2.607 | |
| 内壁 | X３ | 0.54 | 9.10×1.7 | 15.202 | 8.209 | |
| 内壁 | | 0.54 | 5.62×1.7 | 9.388 | 5.070 | |
| 内壁 | X５ | 0.54 | 16.81×1.7 | 28.081 | 15.164 | |
| 内壁 | 又X６ | 0.54 | 8.65×1.7 | 14.441 | 7.798 | |
| 内壁 | 又X７ | 0.54 | 1.82×1.7 | 3.040 | 1.642 | |
| 内壁 | X８ | 0.54 | 1.82×1.7 | 3.040 | 1.642 | |
| 内壁 | X９ | 0.54 | 9.98×1.7 | 16.676 | 9.005 | |
| 内壁 | X９又-又X12又 | 0.54 | 3.73×1.7 | 6.237 | 3.368 | |
| 内壁 | Y３ | 0.54 | 15.61×1.7 | 26.068 | 14.077 | |
| 内壁 | 又X14又-又X14又Y４ | 0.54 | 0.75×1.7 | 1.253 | 0.677 | |
| 内壁 | 又X12又Y４-又X14又 | 0.54 | 1.82×1.7 | 3.040 | 1.642 | |
| 内壁 | 又X12又Y４-又X12又 | 0.54 | 0.75×1.7 | 1.253 | 0.677 | |
| 内壁 | 又Y４ | 0.54 | 2.02×1.7 | 3.366 | 1.818 | |
| 内壁 | 又X16又Y４-又X20又 | 0.54 | 10.82×1.7 | 18.075 | 9.760 | |
| 内壁 | 又X16又Y４-又X19又Y５ | 0.54 | 4.95×1.7 | 8.269 | 4.465 | |
| 内壁 | 又 | 0.54 | 1.50×1.7 | 2.506 | 1.353 | |
| 内壁 | 又 | 0.54 | 5.40×1.7 | 9.021 | 4.871 | |
| 内壁 | | 0.54 | 4.55×1.7 | 7.601 | 4.104 | |
| 内壁 | 又 | 0.54 | 0.78×1.7 | 1.295 | 0.699 | |
| 内壁 | 又X13又-又X15又 | 0.54 | 4.95×1.7 | 8.269 | 4.465 | |
| 内壁 | | 0.54 | 2.02×1.7 | 3.366 | 1.818 | |
| 内壁 | 又 | 0.54 | 2.28×1.7 | 3.800 | 2.052 | |
| 内壁 | X９又-又X12又 | 0.54 | 8.09×1.7 | 13.514 | 7.298 | |
| 内壁 | 又X20又-又X22又 | 0.54 | 3.64×1.7 | 6.081 | 3.284 | |

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 内壁 | 又X20又-又X21又Y５ | 0.54 | 0.91×1.7 | 1.520 | 0.821 | |
| 内壁 | Y５ | 0.54 | 3.30×1.7 | 5.513 | 2.977 | |
| 内壁 | 又Y５ | 0.54 | 4.55×1.7 | 7.604 | 4.106 | |
| 内壁 | 又X10又Y５-又X10又 | 0.54 | 3.40×1.7 | 5.680 | 3.067 | |
| 内壁 | | 0.54 | 2.10×1.7 | 3.508 | 1.894 | |
| 内壁 | 又X16又-又X16又Y６ | 0.54 | 0.80×1.7 | 1.336 | 0.722 | |
| 内壁 | 又X15又-又X16又 | 0.54 | 0.80×1.7 | 1.336 | 0.722 | |
| 内壁 | Y６ | 0.54 | 3.21×1.7 | 5.354 | 2.891 | |
| 内壁 | 又X11又Y６-又X15又 | 0.54 | 3.54×1.7 | 5.914 | 3.193 | |
| 内壁 | | 0.54 | 4.55×1.7 | 7.601 | 4.104 | 142.07 |
| 小屋裏収納 | ＸＯＹ４-Ｘ５Ｙ７ | 1.19 | － | 60.729 | 72.267 | 72.27 |
| サイディング(N/㎡) | 又X11又Y１-又X12又 | 0.70 | － | 3.015 | 2.111 | 2.11 |
| 小屋裏収納内壁 | Ｘ５ | | | <8.190> | 8.026 | |
| 外壁 | Ｘ９ | | | <13.987> | 11.861 | |
| 小屋裏収納内壁 | Ｙ４ | | | <7.415> | 7.267 | |
| 小屋裏収納内壁 | Ｙ７ | | | <7.415> | 6.229 | |
| 外壁 | Ｙ７ | | | <8.190> | 5.217 | 38.60 |
| 合計 | | | | | | 669.94 |

１層（２階下部＋１階上部）

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 屋根１ | | 0.53 | － | 28.177 | 14.944 | 14.95 |
| 軒先１ | | 0.46 | － | 8.491 | 3.909 | 3.91 |
| 外壁 | ＸＯ | 0.70 | － | 0.030 | 0.021 | |
| 外壁 | ＸＯ | 0.70 | 20.29×1.8 | 35.915 | 25.140 | |
| 外壁 | ＸＯ | 0.70 | 21.84×1.9 | 40.448 | 28.313 | |
| 外壁 | ＸＯ | 0.70 | － | 0.338 | 0.237 | |
| 外壁 | 又Ｘ４ | 0.70 | 0.46×1.9 | 0.843 | 0.590 | |
| 外壁 | 又Ｘ４ | 0.70 | － | 0.338 | 0.237 | |
| 外壁 | Ｘ９ | 0.70 | － | 0.030 | 0.021 | |
| 外壁 | Ｘ９ | 0.70 | 3.85×1.9 | 7.135 | 4.995 | |
| 外壁 | Ｘ９ | 0.70 | 4.02×1.8 | 7.122 | 4.986 | |
| 外壁 | ＹＯ | 0.70 | 15.61×1.9 | 28.900 | 20.230 | |
| 外壁 | Ｙ１ | 0.70 | 15.61×1.7 | 26.770 | 18.739 | |
| 外壁 | 又X12又-又X15又 | 0.70 | 7.28×1.9 | 13.483 | 9.438 | |
| 外壁 | Ｘ９又-又X11又 | 0.70 | 3.10×1.8 | 5.486 | 3.841 | |
| 外壁 | Ｘ９又-又X11又 | 0.70 | 3.10×1.9 | 5.739 | 4.017 | |
| 外壁 | Ｘ９又-又X12又 | 0.70 | 3.73×1.8 | 6.611 | 4.628 | |
| 外壁 | 又X16又-又X17又Y３ | 0.70 | 1.36×1.9 | 2.528 | 1.770 | |
| 外壁 | 又X19又-又又 | 0.70 | 6.77×1.9 | 12.538 | 8.777 | |
| 外壁 | 又X19又-又又 | 0.70 | 6.77×1.8 | 11.986 | 8.390 | |
| 外壁 | 又X15又-又X16又 | 0.70 | 8.65×1.8 | 15.306 | 10.714 | |
| 外壁 | 又X15又-又X16又 | 0.70 | 1.07×1.9 | 1.982 | 1.387 | |
| 外壁 | 又X17又Y３-又X19又 | 0.70 | 1.66×1.9 | 3.074 | 2.152 | |
| 外壁 | 又X16又-又X17又Y３ | 0.70 | 2.73×1.8 | 4.833 | 3.383 | |
| 外壁 | Ｙ８ | 0.70 | 6.05×1.0 | 6.142 | 4.300 | |
| 外壁 | Ｙ８ | 0.70 | 10.02×1.9 | 18.553 | 12.987 | |
| 外壁 | Ｙ８ | 0.70 | 10.02×1.8 | 17.737 | 12.416 | |
| 外壁 | 又Ｘ９Ｙ８-又又 | 0.70 | 14.19×1.8 | 25.130 | 17.591 | |
| 外壁 | 又Ｘ９Ｙ８-又又 | 0.70 | 14.19×1.9 | 26.287 | 18.401 | |
| 外壁 | Ｙ９ | 0.70 | 6.05×0.7 | 4.432 | 3.102 | |
| 外壁 | Ｙ９ | 0.70 | 6.05×1.9 | 11.205 | 7.843 | 238.65 |

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 内壁 | X２ | 0.54 | 2.89×1.7 | 4.828 | 2.607 | |
| 内壁 | X３ | 0.54 | 9.10×1.7 | 15.202 | 8.209 | |
| 内壁 | X３ | 0.54 | 13.20×1.8 | 23.118 | 12.484 | |
| 内壁 | | 0.54 | 5.62×1.7 | 9.388 | 5.070 | |
| 内壁 | X４ | 0.54 | 8.65×1.8 | 15.146 | 8.179 | |
| 内壁 | | 0.54 | 1.82×1.8 | 3.189 | 1.722 | |
| 内壁 | X５ | 0.54 | 16.81×1.7 | 28.081 | 15.164 | |
| 内壁 | X５ | 0.54 | 4.10×1.8 | 7.174 | 3.874 | |
| 内壁 | X６ | 0.54 | 2.73×1.8 | 4.783 | 2.583 | |
| 内壁 | 又X６ | 0.54 | 8.65×1.7 | 14.441 | 7.798 | |
| 内壁 | X７ | 0.54 | 15.47×1.8 | 27.103 | 14.636 | |
| 内壁 | 又X７ | 0.54 | 1.82×1.7 | 3.040 | 1.642 | |
| 内壁 | X８ | 0.54 | 3.37×1.8 | 5.904 | 3.188 | |
| 内壁 | X８ | 0.54 | 1.82×1.7 | 3.040 | 1.642 | |
| 内壁 | X９ | 0.54 | 12.58×1.8 | 22.044 | 11.904 | |
| 内壁 | X９ | 0.54 | 9.98×1.7 | 16.676 | 9.005 | |
| 内壁 | 又Y１ | 0.54 | 1.50×1.8 | 2.628 | 1.419 | |
| 内壁 | X９又-又X12又 | 0.54 | 3.73×1.7 | 6.237 | 3.368 | |
| 内壁 | Y２ | 0.54 | 9.69×1.8 | 16.977 | 9.168 | |
| 内壁 | Y３ | 0.54 | 15.61×1.7 | 26.068 | 14.077 | |
| 内壁 | Y３ | 0.54 | 15.61×1.8 | 27.340 | 14.764 | |
| 内壁 | 又X14又Y３-又X15又 | 0.54 | 1.00×1.8 | 1.752 | 0.946 | |
| 内壁 | 又X14又Y３-又X15又 | 0.54 | 1.36×1.8 | 2.391 | 1.291 | |
| 内壁 | 又X17又-又X18又Y４ | 0.54 | 1.82×1.8 | 3.189 | 1.722 | |
| 内壁 | 又X14又-又X14又Y４ | 0.54 | 0.75×1.7 | 1.253 | 0.677 | |
| 内壁 | X９又-又X10又 | 0.54 | 2.98×1.8 | 5.219 | 2.818 | |
| 内壁 | | 0.54 | 0.78×1.8 | 1.358 | 0.733 | |
| 内壁 | Y４ | 0.54 | 4.21×1.8 | 7.376 | 3.983 | |
| 内壁 | 又X12又Y４-又X12又 | 0.54 | 0.75×1.7 | 1.253 | 0.677 | |
| 内壁 | 又X12又Y４-又X14又 | 0.54 | 1.82×1.7 | 3.040 | 1.642 | |
| 内壁 | 又Y４ | 0.54 | 2.02×1.7 | 3.366 | 1.818 | |
| 内壁 | 又X16又Y４-又X19又Y５ | 0.54 | 4.95×1.7 | 8.269 | 4.465 | |
| 内壁 | 又X16又Y４-又X20又 | 0.54 | 10.82×1.7 | 18.075 | 9.760 | |
| 内壁 | 又 | 0.54 | 1.72×1.8 | 3.013 | 1.627 | |
| 内壁 | 又 | 0.54 | 1.50×1.7 | 2.506 | 1.353 | |
| 内壁 | 又 | 0.54 | 5.40×1.7 | 9.021 | 4.871 | |
| 内壁 | | 0.54 | 4.55×1.7 | 7.601 | 4.104 | |
| 内壁 | 又 | 0.54 | 0.78×1.7 | 1.295 | 0.699 | |
| 内壁 | 又X13又-又X16又Y６ | 0.54 | 4.95×1.8 | 8.672 | 4.683 | |
| 内壁 | 又X13又-又X15又 | 0.54 | 4.95×1.7 | 8.269 | 4.465 | |
| 内壁 | | 0.54 | 2.02×1.7 | 3.366 | 1.818 | |
| 内壁 | 又 | 0.54 | 2.28×1.7 | 3.800 | 2.052 | |
| 内壁 | 又 | 0.54 | 2.50×1.8 | 4.371 | 2.360 | |
| 内壁 | X９又-又X12又 | 0.54 | 8.09×1.7 | 13.514 | 7.298 | |
| 内壁 | X９又-又X10又 | 0.54 | 9.16×1.8 | 16.048 | 8.666 | |
| 内壁 | 又X12又-又X13又 | 0.54 | 10.82×1.8 | 18.957 | 10.237 | |
| 内壁 | 又X12又-又X13又 | 0.54 | 1.55×1.8 | 2.716 | 1.466 | |
| 内壁 | 又X20又-又X22又 | 0.54 | 3.64×1.7 | 6.081 | 3.284 | |
| 内壁 | 又X20又-又X21又Y５ | 0.54 | 0.91×1.7 | 1.520 | 0.821 | |
| 内壁 | Y５ | 0.54 | 3.30×1.7 | 5.513 | 2.977 | |
| 内壁 | 又Y５ | 0.54 | 4.55×1.7 | 7.604 | 4.106 | |
| 内壁 | 又Y５ | 0.54 | 3.41×1.8 | 5.969 | 3.223 | |
| 内壁 | 又X10又Y５-又X10又 | 0.54 | 3.40×1.7 | 5.680 | 3.067 | |

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 内壁 | | 0.54 | 2.10×1.7 | 3.508 | 1.894 | |
| 内壁 | 又X10又-又X12又Y７ | 0.54 | 4.95×1.8 | 8.672 | 4.683 | |
| 内壁 | 又X10又-又X13又 | 0.54 | 2.49×1.8 | 4.362 | 2.356 | |
| 内壁 | 又X16又-又X16又Y６ | 0.54 | 0.80×1.7 | 1.336 | 0.722 | |
| 内壁 | 又X15又-又X16又 | 0.54 | 0.80×1.7 | 1.336 | 0.722 | |
| 内壁 | Y６ | 0.54 | 3.21×1.7 | 5.354 | 2.891 | |
| 内壁 | 又X11又Y６-又X15又 | 0.54 | 3.54×1.7 | 5.914 | 3.193 | |
| 内壁 | Y７ | 0.54 | 7.42×1.8 | 12.991 | 7.015 | |
| 内壁 | | 0.54 | 4.55×1.7 | 7.601 | 4.104 | 283.80 |
| 2階床 | X０Y１-X５Y３ | 2.20 | － | 55.946 | 123.082 | |
| 2階床 | X５Y１-X９Y３ | 2.20 | － | 61.794 | 135.946 | |
| 2階床 | X９又-又X12又 | 2.20 | － | 3.758 | 8.268 | |
| 2階床 | X９又-又X16又 | 2.20 | － | 43.241 | 95.129 | |
| バルコニー | 又X15又-又X19又 | 1.19 | － | 3.726 | 4.434 | |
| 2階床 | 又X７又-又X20又Y５ | 2.20 | － | 24.008 | 52.817 | |
| 2階床 | X０Y３-X３又 | 2.20 | － | 14.220 | 31.285 | |
| 2階床 | X３Y３-X９又Y５ | 2.20 | － | 47.381 | 104.239 | |
| 2階床 | 又X16又-又X22又Y５ | 2.20 | － | 14.706 | 32.352 | |
| 2階床 | 又X12又-又X14又 | 2.20 | － | 1.365 | 3.003 | |
| 2階床 | X２又Y４-X３ | 2.20 | － | 1.802 | 3.964 | |
| 2階床 | X３又Y４- | 2.20 | － | 2.188 | 4.813 | |
| 2階床 | 又X13又Y４-又X19又Y６ | 2.20 | － | 17.378 | 38.232 | |
| 2階床 | 又X７又-X８又 | 2.20 | － | 2.730 | 6.006 | |
| 2階床 | X０又-X２Y５ | 2.20 | － | 8.052 | 17.714 | |
| 2階床 | 又-X５ | 2.20 | － | 7.035 | 15.477 | |
| 2階床 | 又X20又-又又Y５ | 2.20 | － | 1.656 | 3.644 | |
| 2階床 | X８又-X９又 | 2.20 | － | 0.209 | 0.460 | |
| 階段 | X10又-又X15又Y６ | 0.60 | － | 10.974 | 6.530 | |
| 2階床 | X０-Y８ | 2.20 | － | 33.584 | 73.884 | |
| 2階床 | 又X19又-又X21又 | 2.20 | － | 1.656 | 3.644 | |
| 2階ホール | 又X６又Y５-又X12Y８ | 3.50 | － | 34.179 | 119.627 | |
| 2階床 | -X５Y６ | 2.20 | － | 3.822 | 8.408 | |
| 2階床 | 又X11又-又X16又Y７ | 2.20 | － | 6.549 | 14.408 | |
| 2階床 | 又X15又-又X16又Y６ | 2.20 | － | 0.640 | 1.408 | |
| 2階床 | X３Y６-X５Y８ | 2.20 | － | 13.124 | 28.874 | |
| 2階床 | X５-又X６Y８ | 2.20 | － | 6.211 | 13.664 | 951.31 |
| サイディング(N/㎡) | X０ | 0.70 | － | 1.685 | 1.180 | |
| サイディング(N/㎡) | 又X４ | 0.70 | － | 0.370 | 0.259 | |
| サイディング(N/㎡) | 又X11又Y１-又X12又 | 0.70 | － | 3.015 | 2.111 | |
| サイディング(N/㎡) | 又X18又-又X19又 | 0.70 | － | 2.528 | 1.770 | 5.32 |
| 合計 | | | | | | 1497.93 |

０層（１階下部）

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 外壁 | X０ | 0.70 | 21.84×1.9 | 40.448 | 28.313 | |
| 外壁 | 又X４ | 0.70 | 0.46×1.9 | 0.843 | 0.590 | |
| 外壁 | X９ | 0.70 | 3.85×1.9 | 7.135 | 4.995 | |
| 外壁 | Y０ | 0.70 | 15.61×1.9 | 28.900 | 20.230 | |
| 外壁 | 又X12又-又X15又 | 0.70 | 7.28×1.9 | 13.483 | 9.438 | |
| 外壁 | X９又-又X11又 | 0.70 | 3.10×1.9 | 5.739 | 4.017 | |
| 外壁 | 又X16又-又X17又Y３ | 0.70 | 1.36×1.9 | 2.528 | 1.770 | |
| 外壁 | 又X19又-又又 | 0.70 | 6.77×1.9 | 12.538 | 8.777 | |

| 区分 | 通り | 単位重量 (kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡) <長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 外壁 | 又X15又-又X16又 | 0.70 | 1.07×1.9 | 1.982 | 1.387 | |
| 外壁 | 又X17又Y３-又X19又 | 0.70 | 1.66×1.9 | 3.074 | 2.152 | |
| 外壁 | Y８ | 0.70 | 10.02×1.9 | 18.553 | 12.987 | |
| 外壁 | 又X９Y８-又又 | 0.70 | 14.19×1.9 | 26.287 | 18.401 | |
| 外壁 | Y９ | 0.70 | 6.05×1.9 | 11.205 | 7.843 | 120.90 |
| 内壁 | X３ | 0.54 | 13.20×1.8 | 23.118 | 12.484 | |
| 内壁 | X４ | 0.54 | 8.65×1.8 | 15.146 | 8.179 | |
| 内壁 | | 0.54 | 1.82×1.8 | 3.189 | 1.722 | |
| 内壁 | X５ | 0.54 | 4.10×1.8 | 7.174 | 3.874 | |
| 内壁 | X６ | 0.54 | 2.73×1.8 | 4.783 | 2.583 | |
| 内壁 | X７ | 0.54 | 15.47×1.8 | 27.103 | 14.636 | |
| 内壁 | X８ | 0.54 | 3.37×1.8 | 5.904 | 3.188 | |
| 内壁 | X９ | 0.54 | 12.58×1.8 | 22.044 | 11.904 | |
| 内壁 | 又Y１ | 0.54 | 1.50×1.8 | 2.628 | 1.419 | |
| 内壁 | Y２ | 0.54 | 9.69×1.8 | 16.977 | 9.168 | |
| 内壁 | Y３ | 0.54 | 15.61×1.8 | 27.340 | 14.764 | |
| 内壁 | 又X14又Y３-又X15又 | 0.54 | 1.00×1.8 | 1.752 | 0.946 | |
| 内壁 | 又X14又Y３-又X15又 | 0.54 | 1.36×1.8 | 2.391 | 1.291 | |
| 内壁 | 又X17又-又X18又Y４ | 0.54 | 1.82×1.8 | 3.189 | 1.722 | |
| 内壁 | X９又-又X10又 | 0.54 | 2.98×1.8 | 5.219 | 2.818 | |
| 内壁 | | 0.54 | 0.78×1.8 | 1.358 | 0.733 | |
| 内壁 | Y４ | 0.54 | 4.21×1.8 | 7.376 | 3.983 | |
| 内壁 | 又 | 0.54 | 1.72×1.8 | 3.013 | 1.627 | |
| 内壁 | 又X13又-又X16又Y６ | 0.54 | 4.95×1.8 | 8.672 | 4.683 | |
| 内壁 | 又 | 0.54 | 2.50×1.8 | 4.371 | 2.360 | |
| 内壁 | X９又-又X10又 | 0.54 | 9.16×1.8 | 16.048 | 8.666 | |
| 内壁 | 又X12又-又X13又 | 0.54 | 10.82×1.8 | 18.957 | 10.237 | |
| 内壁 | 又X12又-又X13又 | 0.54 | 1.55×1.8 | 2.716 | 1.466 | |
| 内壁 | 又Y５ | 0.54 | 3.41×1.8 | 5.969 | 3.223 | |
| 内壁 | 又X10又-又X13又 | 0.54 | 2.49×1.8 | 4.362 | 2.356 | |
| 内壁 | 又X10又-又X12又Y７ | 0.54 | 4.95×1.8 | 8.672 | 4.683 | |
| 内壁 | Y７ | 0.54 | 7.42×1.8 | 12.991 | 7.015 | 141.74 |
| 1階床 | X０Y０-X４Y３ | 1.35 | － | 51.135 | 69.032 | |
| 1階床 | X４Y０-又Y１ | 1.35 | － | 1.365 | 1.843 | |
| 1階床 | X４Y０-X９Y２ | 1.35 | － | 54.586 | 73.692 | |
| 1階床 | Y０-X５又Y１ | 1.35 | － | 1.365 | 1.843 | |
| 1階床 | X９又-又X15又 | 1.35 | － | 44.437 | 59.989 | |
| 1階床 | X４Y２-X６Y３ | 1.35 | － | 15.274 | 20.620 | |
| 1階床 | X６Y２-X７Y３ | 1.35 | － | 4.368 | 5.897 | |
| 1階床 | X７Y２-X９Y３ | 1.35 | － | 6.811 | 9.195 | |
| 1階床 | 又X14又-又X17又 | 1.35 | － | 2.826 | 3.814 | |
| 1階床 | 又X17又-又X20又Y４ | 1.35 | － | 4.140 | 5.590 | |
| 1階床 | X０Y３-X３Y４ | 1.35 | － | 9.578 | 12.930 | |
| 1階ホール | X３Y３-X７Y８ | 2.65 | － | 106.095 | 281.151 | |
| 1階床 | X７Y３-X９又 | 1.35 | － | 7.207 | 9.729 | |
| 1階床 | X７又-又X18又Y５ | 1.35 | － | 20.215 | 27.290 | |
| 1階床 | 又X13又-又又Y６ | 1.35 | － | 36.036 | 48.649 | |
| 1階床 | X８又-又X10又 | 1.35 | － | 5.174 | 6.985 | |
| 1階床 | X０Y４-X３Y７ | 1.35 | － | 34.480 | 46.548 | |
| 1階床 | X７又-X８又 | 1.35 | － | 3.130 | 4.226 | |
| 階段 | X10又-又X15又Y６ | 0.60 | － | 10.974 | 6.530 | |
| 1階床 | 又X10又-又X16又Y７ | 1.35 | － | 13.663 | 18.446 | |
| 1階床 | X10又-又X13又 | 1.35 | － | 3.859 | 5.210 | |

| 区分 | 通り | 単位重量<br>(kN/㎡<kN/m>) | 長さ(m)×高さ(m) | 面積(㎡)<br><長さ(m)> | 荷重(kN) | Wi(kN) |
|---|---|---|---|---|---|---|
| 1階床 | Ｘ７又Ｙ５-Ｘ９Ｙ８ | 1.35 | ― | 14.895 | 20.108 | |
| 1階床 | Ｘ９又Ｙ５-又X12Ｙ８ | 1.35 | ― | 12.448 | 16.805 | |
| 1階床 | ＸＯＹ７-Ｘ３Ｙ９ | 1.35 | ― | 11.493 | 15.516 | |
| 1階床 | Ｘ３Ｙ７-Ｘ５Ｙ９ | 1.35 | ― | 8.129 | 10.974 | 782.62 |
| サイディング(N/㎡) | ＸＯ | 0.70 | ― | 1.685 | 1.180 | |
| サイディング(N/㎡) | 又Ｘ４ | 0.70 | ― | 0.370 | 0.259 | |
| サイディング(N/㎡) | 又X18又-又X19又 | 0.70 | ― | 2.528 | 1.770 | 3.21 |
| 合計 | | | | | | 1048.46 |

| 階 | Ｗｉ(kN) | ΣＷｉ(kN) | αｉ | Ａｉ | Ｃｉ | ＥＱｉ(kN) | ＥＰｉ(kN) | Ｃ’ｉ | 割増係数 | ＥＱ’ｉ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 669.94 | 669.94 | 0.309 | 1.478 | 0.296 | 198.03 | 198.03 | 0.296 | 1.00 | 198.03 |
| 1 | 1497.93 | 2167.87 | 1.000 | 1.000 | 0.200 | 433.57 | 235.54 | 0.157 | 1.00 | 433.57 |

$$Qi = Ci \times \sum_{i}^{n} Wi$$

ここで層せん断力係数Ｃｉは次式で計算する。

$$Ci = Z \times Rt \times Ai \times C0$$

ここで各変数は以下のとおり

Ｚ：地震地域係数

昭55年告示1793号で定められた、地域ごとの値を示す。

Ｒｔ：振動特性係数

建物の固有周期Ｔと地盤の種類によって、昭55年告示1793号第2に示された計算で与えられる数値。高さが13ｍ以下の木造住宅の場合は、後述するＴの値が0.4以下となるため、必ずＲｔ＝1.0となる。

Ａｉ：層せん断力分布係数

以下に示す昭55年告示1793号第3で定められた式により算定する。

$$Ai = 1 + \left(1/\sqrt{\alpha i} - \alpha i\right) \frac{2T}{1+3T}$$

ここで、αｉは、ｉ階より上の全重量を１階より上の全重量で除した値で、

$$\alpha i = \sum_{i}^{n} Wi \Big/ \sum_{1}^{n} Wi$$

Ｔ：建物の固有周期

告示1793号第2に従い下式で計算する。

Ｔ＝h(m)×固有周期算出係数

ここで、hは当該建築物の高さ。勾配屋根（切妻屋根、寄棟屋根等）では、建物最高軒高と建物最高高さの平均高さをとる。

$C_0$　：標準せん断力係数

令88条第2項により、0.2以上とする。ただし、特定行政庁により著しく地盤が軟弱と指定された地域（第3種地盤）では、0.3以上とする。

i階に加わる地震力：$EPi = EQi - EQi_{+1}$

$$C'i = EPi / Wi$$

(4) 風圧力の算定

X方向風圧力算出面

X方向風圧力算定表

| 階 | 通り | 面番号 | q | Cｆ | Ａｗ | ｗＱ | ΣＡｗ | ΣｗＱｉ |
|---|---|---|---|---|---|---|---|---|
| 2 | Y1 | A | 1106.46 | 1.11 | 0.25 | 0.31 | 65.64 | 82.72 |
| | | B | 1106.46 | 1.12 | 4.60 | 5.69 | | |
| | 又 | C | 1106.46 | 1.12 | 1.12 | 1.39 | | |
| | 又 | D | 1106.46 | 1.12 | 0.43 | 0.53 | | |
| | 又 | E | 1106.46 | 1.14 | 9.31 | 11.69 | | |
| | 又 | F | 1106.46 | 1.14 | 4.91 | 6.20 | | |
| | 又 | G | 1106.46 | 1.14 | 0.82 | 1.04 | | |
| | Y3 | H | 1106.46 | 1.14 | 1.94 | 2.45 | | |
| | 又Y3 | I | 1106.46 | 1.15 | 4.57 | 5.81 | | |
| | 又 | J | 1106.46 | 1.15 | 2.95 | 3.76 | | |
| | 又Y4 | K | 1106.46 | 1.15 | 3.55 | 4.52 | | |
| | 又Y4 | L | 1106.46 | 1.15 | 4.99 | 6.35 | | |
| | 又 | M | 1106.46 | 1.15 | 0.48 | 0.61 | | |
| | 又 | N | 1106.46 | 1.15 | 1.33 | 1.69 | | |
| | 又 | O | 1106.46 | 1.15 | 0.55 | 0.70 | | |
| | 又 | P | 1106.46 | 1.15 | 0.75 | 0.96 | | |
| | 又 | Q | 1106.46 | 1.14 | 1.74 | 2.21 | | |
| | 又 | R | 1106.46 | 1.14 | 1.00 | 1.26 | | |
| | 又 | S | 1106.46 | 1.14 | 0.03 | 0.04 | | |
| | Y5 | T | 1106.46 | 1.14 | 1.58 | 2.00 | | |
| | 又Y5 | U | 1106.46 | 1.14 | 0.79 | 1.00 | | |
| | 又Y5 | V | 1106.46 | 1.14 | 0.45 | 0.56 | | |
| | 又Y5 | W | 1106.46 | 1.14 | 2.84 | 3.58 | | |
| | 又 | | | | | | | |

X方向風圧力算定表

| 階 | 通り | 面番号 | q | Ｃｆ | Ａｗ | ｗＱ | ΣＡｗ | ΣｗＱｉ |
|---|---|---|---|---|---|---|---|---|
| 2 | | X | 1106.46 | 1.14 | 0.77 | 0.97 | | |
| | 又 | Y | 1106.46 | 1.14 | 1.49 | 1.87 | | |
| | 又 | Z | 1106.46 | 1.14 | 1.64 | 2.06 | | |
| | 又 | AA | 1106.46 | 1.14 | 0.18 | 0.23 | | |
| | Y６ | AB | 1106.46 | 1.14 | 5.02 | 6.31 | | |
| | 又 | AC | 1106.46 | 1.13 | 3.96 | 4.95 | | |
| | 又 | AD | 1106.46 | 1.11 | 1.43 | 1.76 | | |
| | Y８ | AE | 1106.46 | 1.11 | 0.16 | 0.20 | | |
| 1 | Y０ | AF | 1106.46 | 1.00 | 0.25 | 0.28 | 79.54 | 87.92 |
| | (Y１) | AG | 1106.46 | 1.00 | 2.25 | 2.49 | | |
| | 又 | AH | 1106.46 | 1.00 | 4.33 | 4.79 | | |
| | 又 | AI | 1106.46 | 1.00 | 1.64 | 1.81 | | |
| | (又) | AJ | 1106.46 | 1.00 | 1.79 | 1.98 | | |
| | (又) | AK | 1106.46 | 1.00 | 1.64 | 1.81 | | |
| | 又 | AL | 1106.46 | 1.00 | 0.61 | 0.67 | | |
| | Y２ | AM | 1106.46 | 1.00 | 7.33 | 8.10 | | |
| | (又) | AN | 1106.46 | 1.00 | 4.02 | 4.44 | | |
| | 又 | AO | 1106.46 | 1.00 | 1.42 | 1.57 | | |
| | 又 | AP | 1106.46 | 1.00 | 2.33 | 2.57 | | |
| | 又 | AQ | 1106.46 | 1.00 | 1.27 | 1.40 | | |
| | Y３ | AR | 1106.46 | 1.00 | 0.79 | 0.88 | | |
| | 又Y３ | AS | 1106.46 | 1.00 | 1.67 | 1.84 | | |
| | (又Y３) | AT | 1106.46 | 1.00 | 0.16 | 0.18 | | |
| | 又Y３ | AU | 1106.46 | 1.00 | 0.22 | 0.24 | | |
| | 又 | AV | 1106.46 | 1.00 | 1.26 | 1.39 | | |
| | 又 | AW | 1106.46 | 1.00 | 2.62 | 2.89 | | |
| | 又 | AX | 1106.46 | 1.00 | 0.43 | 0.48 | | |
| | Y４ | AY | 1106.46 | 1.00 | 1.83 | 2.03 | | |
| | 又Y４ | AZ | 1106.46 | 1.00 | 0.03 | 0.03 | | |
| | (又Y４) | BA | 1106.46 | 1.00 | 0.21 | 0.23 | | |
| | 又Y４ | BB | 1106.46 | 1.00 | 0.55 | 0.61 | | |
| | 又Y４ | BC | 1106.46 | 1.00 | 0.88 | 0.97 | | |
| | 又Y４ | BD | 1106.46 | 1.00 | 0.70 | 0.77 | | |
| | 又Y４ | BE | 1106.46 | 1.00 | 0.88 | 0.97 | | |
| | 又 | BF | 1106.46 | 1.00 | 1.96 | 2.16 | | |
| | 又 | BG | 1106.46 | 1.00 | 0.50 | 0.55 | | |

Ｘ方向風圧力算定表

| 階 | 通り | 面番号 | q | Ｃｆ | Ａｗ | ｗＱ | ΣＡｗ | ΣｗＱｉ |
|---|---|---|---|---|---|---|---|---|
| 1 | | BH | 1106.46 | 1.00 | 1.70 | 1.87 | | |
| | 又 | BI | 1106.46 | 1.00 | 0.24 | 0.27 | | |
| | (又) | BJ | 1106.46 | 1.00 | 0.40 | 0.44 | | |
| | 又 | BK | 1106.46 | 1.00 | 0.04 | 0.04 | | |
| | (又) | BL | 1106.46 | 1.00 | 1.21 | 1.34 | | |
| | (又) | BM | 1106.46 | 1.00 | 0.51 | 0.56 | | |
| | (又) | BN | 1106.46 | 1.00 | 0.70 | 0.77 | | |
| | 又 | BO | 1106.46 | 1.00 | 1.63 | 1.80 | | |
| | (又) | BP | 1106.46 | 1.00 | 0.95 | 1.05 | | |
| | (又) | BQ | 1106.46 | 1.00 | 0.03 | 0.04 | | |
| | (Ｙ５) | BR | 1106.46 | 1.00 | 1.48 | 1.63 | | |
| | 又Ｙ５ | BS | 1106.46 | 1.00 | 0.05 | 0.05 | | |
| | (又Ｙ５) | BT | 1106.46 | 1.00 | 0.77 | 0.85 | | |
| | (又Ｙ５) | BU | 1106.46 | 1.00 | 0.44 | 0.48 | | |
| | (又Ｙ５) | BV | 1106.46 | 1.00 | 0.34 | 0.38 | | |
| | 又Ｙ５ | BW | 1106.46 | 1.00 | 0.04 | 0.04 | | |
| | 又Ｙ５ | BX | 1106.46 | 1.00 | 2.46 | 2.71 | | |
| | (又) | BY | 1106.46 | 1.00 | 0.78 | 0.87 | | |
| | 又 | BZ | 1106.46 | 1.00 | 1.54 | 1.70 | | |
| | 又 | CA | 1106.46 | 1.00 | 0.95 | 1.05 | | |
| | 又 | CB | 1106.46 | 1.00 | 0.78 | 0.86 | | |
| | (又) | CC | 1106.46 | 1.00 | 0.20 | 0.22 | | |
| | (Ｙ６) | CD | 1106.46 | 1.00 | 0.66 | 0.73 | | |
| | 又Ｙ６ | CE | 1106.46 | 1.00 | 3.33 | 3.68 | | |
| | 又 | CF | 1106.46 | 1.00 | 1.58 | 1.75 | | |
| | (又) | CG | 1106.46 | 1.00 | 0.98 | 1.08 | | |
| | Ｙ７ | CH | 1106.46 | 1.00 | 0.48 | 0.53 | | |
| | 又Ｙ７ | CI | 1106.46 | 1.00 | 4.92 | 5.43 | | |
| | 又 | CJ | 1106.46 | 1.00 | 1.64 | 1.81 | | |
| | 又 | CK | 1106.46 | 1.00 | 1.15 | 1.28 | | |
| | Ｙ８ | CL | 1106.46 | 1.00 | 1.28 | 1.41 | | |
| | Ｙ９ | CM | 1106.46 | 1.00 | 2.77 | 3.06 | | |

Ｙ方向風圧力算出面

Ｙ方向風圧力算定表

| 階 | 通り | 面番号 | q | Ｃｆ | Ａｗ | ｗＱ | ΣＡｗ | ΣｗＱｉ |
|---|---|---|---|---|---|---|---|---|
| 2 | X0 | A | 1106.46 | 1.18 | 0.76 | 0.99 | 102.01 | 129.08 |
| | | B | 1106.46 | 1.15 | 14.25 | 18.17 | | |
| | X2 | C | 1106.46 | 1.15 | 3.93 | 5.01 | | |
| | X3 | D | 1106.46 | 1.15 | 13.84 | 17.65 | | |
| | X5 | E | 1106.46 | 1.15 | 25.55 | 32.57 | | |
| | 又X7 | F | 1106.46 | 1.15 | 6.48 | 8.26 | | |
| | X8 | G | 1106.46 | 1.15 | 3.35 | 4.27 | | |
| | X9 | H | 1106.46 | 1.15 | 3.06 | 3.90 | | |
| | X10 | I | 1106.46 | 1.13 | 0.31 | 0.39 | | |
| | 又X10 | J | 1106.46 | 1.13 | 1.02 | 1.27 | | |
| | 又X10 | K | 1106.46 | 1.13 | 0.48 | 0.60 | | |
| | 又X10 | L | 1106.46 | 1.13 | 2.48 | 3.09 | | |
| | 又X11 | M | 1106.46 | 1.13 | 0.13 | 0.17 | | |
| | 又X11 | N | 1106.46 | 1.13 | 0.43 | 0.54 | | |
| | 又X11 | O | 1106.46 | 1.13 | 2.21 | 2.76 | | |
| | 又X12 | P | 1106.46 | 1.13 | 0.67 | 0.84 | | |
| | 又X12 | Q | 1106.46 | 1.13 | 2.63 | 3.28 | | |
| | 又X13 | R | 1106.46 | 1.13 | 0.71 | 0.89 | | |
| | 又X14 | S | 1106.46 | 1.13 | 0.54 | 0.67 | | |
| | 又X14 | T | 1106.46 | 1.13 | 1.69 | 2.10 | | |
| | 又X15 | U | 1106.46 | 1.13 | 1.44 | 1.80 | | |
| | 又X15 | V | 1106.46 | 1.12 | 0.73 | 0.91 | | |
| | 又X15 | W | 1106.46 | 1.12 | 0.33 | 0.42 | | |
| | 又X16 | X | 1106.46 | 1.12 | 1.46 | 1.82 | | |
| | 又X16 | | | | | | | |

Ｙ方向風圧力算定表

| 階 | 通り | 面番号 | q | Ｃｆ | Ａｗ | ｗＱ | ΣＡｗ | ΣｗＱｉ |
|---|---|---|---|---|---|---|---|---|
| 2 | | Y | 1106.46 | 1.12 | 2.36 | 2.93 | | |
| | 又X17 | Z | 1106.46 | 1.12 | 1.61 | 2.01 | | |
| | 又X18 | AA | 1106.46 | 1.12 | 1.13 | 1.41 | | |
| | 又X18 | AB | 1106.46 | 1.12 | 1.65 | 2.05 | | |
| | 又X19 | AC | 1106.46 | 1.12 | 1.62 | 2.01 | | |
| | 又X20 | AD | 1106.46 | 1.12 | 2.01 | 2.48 | | |
| | 又X21 | AE | 1106.46 | 1.11 | 3.13 | 3.85 | | |
| | 又 | | | | | | | |
| 1 | X0 | AF | 1106.46 | 1.00 | 11.88 | 13.13 | 102.05 | 112.80 |
| | (X２) | AG | 1106.46 | 1.00 | 3.27 | 3.62 | | |
| | X３ | AH | 1106.46 | 1.00 | 6.14 | 6.78 | | |
| | X４ | AI | 1106.46 | 1.00 | 2.70 | 2.98 | | |
| | | AJ | 1106.46 | 1.00 | 2.70 | 2.98 | | |
| | (X５) | AK | 1106.46 | 1.00 | 14.74 | 16.29 | | |
| | X６ | AL | 1106.46 | 1.00 | 5.76 | 6.36 | | |
| | X７ | AM | 1106.46 | 1.00 | 0.79 | 0.88 | | |
| | (又X７) | AN | 1106.46 | 1.00 | 5.40 | 5.97 | | |
| | X８ | AO | 1106.46 | 1.00 | 2.79 | 3.08 | | |
| | X９ | AP | 1106.46 | 1.00 | 1.11 | 1.22 | | |
| | 又X９ | AQ | 1106.46 | 1.00 | 2.17 | 2.40 | | |
| | (X10) | AR | 1106.46 | 1.00 | 0.39 | 0.43 | | |
| | 又X10 | AS | 1106.46 | 1.00 | 1.27 | 1.41 | | |
| | (又X10) | AT | 1106.46 | 1.00 | 0.60 | 0.67 | | |
| | (又X10) | AU | 1106.46 | 1.00 | 0.96 | 1.06 | | |
| | 又X10 | AV | 1106.46 | 1.00 | 0.32 | 0.35 | | |
| | 又X11 | AW | 1106.46 | 1.00 | 1.81 | 2.00 | | |
| | (又X11) | AX | 1106.46 | 1.00 | 0.17 | 0.18 | | |
| | (又X11) | AY | 1106.46 | 1.00 | 0.05 | 0.06 | | |
| | 又X11 | AZ | 1106.46 | 1.00 | 0.49 | 0.54 | | |
| | (又X11) | BA | 1106.46 | 1.00 | 0.32 | 0.35 | | |
| | 又X11 | BB | 1106.46 | 1.00 | 2.43 | 2.69 | | |
| | (又X12) | BC | 1106.46 | 1.00 | 0.09 | 0.10 | | |
| | 又X12 | BD | 1106.46 | 1.00 | 0.12 | 0.13 | | |
| | 又X12 | BE | 1106.46 | 1.00 | 0.15 | 0.17 | | |
| | 又X12 | BF | 1106.46 | 1.00 | 0.48 | 0.53 | | |
| | 又X12 | BG | 1106.46 | 1.00 | 1.37 | 1.52 | | |
| | 又X13 | BH | 1106.46 | 1.00 | 0.98 | 1.08 | | |
| | 又X13 | | | | | | | |

Ｙ方向風圧力算定表

| 階 | 通り | 面番号 | q | Ｃｆ | Ａｗ | ｗＱ | ΣＡｗ | ΣｗＱｉ |
|---|---|---|---|---|---|---|---|---|
| 1 | | BI | 1106.46 | 1.00 | 0.92 | 1.02 | | |
| | 又X13 | BJ | 1106.46 | 1.00 | 0.89 | 0.98 | | |
| | (又X14) | BK | 1106.46 | 1.00 | 0.67 | 0.74 | | |
| | (又X14) | BL | 1106.46 | 1.00 | 0.36 | 0.40 | | |
| | 又X14 | BM | 1106.46 | 1.00 | 1.76 | 1.95 | | |
| | (又X15) | BN | 1106.46 | 1.00 | 1.51 | 1.67 | | |
| | 又X15 | BO | 1106.46 | 1.00 | 0.38 | 0.42 | | |
| | (又X15) | BP | 1106.46 | 1.00 | 0.32 | 0.36 | | |
| | 又X15 | BQ | 1106.46 | 1.00 | 0.66 | 0.73 | | |
| | 又X15 | BR | 1106.46 | 1.00 | 0.46 | 0.51 | | |
| | 又X16 | BS | 1106.46 | 1.00 | 2.00 | 2.21 | | |
| | (又X16) | BT | 1106.46 | 1.00 | 0.44 | 0.48 | | |
| | 又X16 | BU | 1106.46 | 1.00 | 0.40 | 0.44 | | |
| | 又X16 | BV | 1106.46 | 1.00 | 2.39 | 2.64 | | |
| | (又X17) | BW | 1106.46 | 1.00 | 0.11 | 0.12 | | |
| | 又X17 | BX | 1106.46 | 1.00 | 2.10 | 2.32 | | |
| | (又X18) | BY | 1106.46 | 1.00 | 1.55 | 1.72 | | |
| | (又X18) | BZ | 1106.46 | 1.00 | 2.36 | 2.61 | | |
| | (又X19) | CA | 1106.46 | 1.00 | 0.80 | 0.88 | | |
| | 又X19 | CB | 1106.46 | 1.00 | 0.62 | 0.68 | | |
| | 又X19 | CC | 1106.46 | 1.00 | 1.02 | 1.13 | | |
| | 又X20 | CD | 1106.46 | 1.00 | 1.82 | 2.01 | | |
| | 又X20 | CE | 1106.46 | 1.00 | 1.42 | 1.57 | | |
| | (又X21) | CF | 1106.46 | 1.00 | 0.04 | 0.04 | | |
| | 又X21 | CG | 1106.46 | 1.00 | 1.64 | 1.81 | | |
| | 又X21 | CH | 1106.46 | 1.00 | 1.64 | 1.81 | | |
| | 又X22 | CI | 1106.46 | 1.00 | 2.36 | 2.61 | | |

(5) 偏心率の算定

計算の原点は、座標の左下（Ｘ０、Ｙ０）とする。Ｘ方向、Ｙ方向は計算方向を示す。

Ｏｘ：Ｙ方向の重心位置(座標)
Ｏｙ：Ｘ方向の重心位置(座標)

Ｌｘ：Ｙ方向の耐力壁位置(座標)
Ｌｙ：Ｘ方向の耐力壁位置(座標)

Ｇｘ：Ｙ方向の剛心位置(座標)
Ｇｙ：Ｘ方向の剛心位置(座標)
Ｇｘ＝ΣＤＸｙ／ΣＤｙ
Ｇｙ＝ΣＤＹｘ／ΣＤｘ
ＤＹｘ＝Ｄｘ・Ｌｙ
ＤＸｙ＝Ｄｙ・Ｌｘ

Ｄｘ：Ｘ方向の壁剛性
Ｄｙ：Ｙ方向の壁剛性

ｅｘ：Ｙ方向の偏心距離
ｅｙ：Ｘ方向の偏心距離
ｅｘ＝｜Ｏｘ－Ｇｘ｜
ｅｙ＝｜Ｏｙ－Ｇｙ｜

ｒｅｘ：Ｘ方向弾力半径
ｒｅｙ：Ｙ方向弾力半径
ｒｅｘ＝√（（Ｊｘ＋Ｊｙ）／ΣＤｘ）
ｒｅｙ＝√（（Ｊｘ＋Ｊｙ）／ΣＤｙ）
Ｊｘ＋Ｊｙ：ねじり剛性
Ｊｘ＝Σ（Ｄｘ・（Ｌｙ－Ｇｙ）^2)
Ｊｙ＝Σ（Ｄｙ・（Ｌｘ－Ｇｘ）^2)

Ｒｅｘ：Ｘ方向偏心率
Ｒｅｙ：Ｙ方向偏心率
Ｒｅｘ＝ｅｙ／ｒｅｘ
Ｒｅｙ＝ｅｘ／ｒｅｙ

①偏心率の算定

| 方向 | 階 | Oy (m) | Gy (m) | ey (m) | Jx+Jy | rex (m) | Rex | 判定(≦0.30) |
|---|---|---|---|---|---|---|---|---|
| X＋ | 2 | 12.287 | 12.519 | 0.232 | 1244397.66 | 10.921 | 0.021 | OK |
| | 1 | 11.729 | 11.530 | 0.199 | 2101863.27 | 10.869 | 0.018 | OK |

| 方向 | 階 | Oy (m) | Gy (m) | ey (m) | Jx+Jy | rex (m) | Rex | 判定(≦0.30) |
|---|---|---|---|---|---|---|---|---|
| X－ | 2 | 12.287 | 12.470 | 0.183 | 1242351.50 | 10.909 | 0.017 | OK |
| | 1 | 11.729 | 11.676 | 0.053 | 2122011.69 | 10.840 | 0.005 | OK |

| 方向 | 階 | Ox (m) | Gx (m) | ex (m) | Jx+Jy | rey (m) | Rey | 判定(≦0.30) |
|---|---|---|---|---|---|---|---|---|
| Y＋ | 2 | 10.533 | 11.271 | 0.738 | 1244397.66 | 10.345 | 0.071 | OK |
| | 1 | 11.418 | 11.066 | 0.352 | 2101863.27 | 10.442 | 0.034 | OK |

| 方向 | 階 | Ox (m) | Gx (m) | ex (m) | Jx+Jy | rey (m) | Rey | 判定(≦0.30) |
|---|---|---|---|---|---|---|---|---|
| Y－ | 2 | 10.533 | 11.072 | 0.539 | 1254668.85 | 10.337 | 0.052 | OK |
| | 1 | 11.418 | 11.255 | 0.164 | 2087461.84 | 10.389 | 0.016 | OK |

②剛心の算定

２階Ｘ＋方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| Ｙ１ | 1054.790 | 1.100 | 1160.269 |
| 又 | 179.190 | 3.256 | 583.414 |
| 又 | 162.670 | 3.711 | 603.642 |
| 又 | 94.460 | 3.879 | 366.446 |
| 又 | 56.340 | 7.032 | 396.167 |
| 又 | 94.460 | 8.425 | 795.826 |
| Ｙ３ | 1719.850 | 8.645 | 14868.103 |
| 又Ｙ３ | 198.250 | 9.153 | 1814.582 |
| 又 | 216.890 | 10.290 | 2231.798 |
| 又Ｙ４ | 452.410 | 10.985 | 4969.724 |
| 又Ｙ４ | 80.490 | 11.821 | 951.486 |
| 又 | 247.390 | 13.043 | 3226.584 |
| 又 | 108.870 | 13.164 | 1433.111 |
| 又 | 24.990 | 13.500 | 337.363 |
| 又 | 364.310 | 13.641 | 4969.615 |
| 又 | 247.390 | 13.835 | 3422.641 |
| 又 | 170.290 | 14.288 | 2433.102 |
| 又 | 268.140 | 14.551 | 3901.751 |
| Ｙ５ | 1129.820 | 14.560 | 16450.179 |
| 又Ｙ５ | 80.490 | 14.984 | 1206.023 |
| 又Ｙ５ | 170.290 | 15.198 | 2588.066 |
| 又Ｙ５ | 47.440 | 15.320 | 726.777 |
| 又 | 196.130 | 16.108 | 3159.260 |
| 又 | 54.650 | 16.326 | 892.207 |
| 又 | 80.490 | 16.754 | 1348.490 |
| 又 | 41.510 | 17.235 | 715.432 |
| Ｙ６ | 1423.960 | 17.290 | 24620.268 |
| 又 | 283.820 | 18.838 | 5346.598 |
| 又 | 269.840 | 20.609 | 5561.160 |
| Ｙ８ | 913.660 | 21.385 | 19538.619 |
| 計 | 10433.280 | | 130618.702 |

Ｇy＝ΣＤＹｘ／ΣＤｘ＝130618.702/10433.280＝12.519（m）

２階Ｘ－方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| Ｙ１ | 1136.550 | 1.100 | 1250.205 |
| 又 | 179.190 | 3.256 | 583.414 |
| 又 | 97.850 | 3.711 | 363.106 |
| 又 | 56.340 | 3.879 | 218.564 |
| 又 | 94.460 | 7.032 | 664.215 |
| 又 | 56.340 | 8.425 | 474.665 |
| Ｙ３ | 1832.530 | 8.645 | 15842.222 |
| 又Ｙ３ | 118.610 | 9.153 | 1085.637 |
| 又 | 129.620 | 10.290 | 1333.790 |
| 又Ｙ４ | 452.410 | 10.985 | 4969.724 |

２階Ｘ－方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| 又Ｙ４ | 80.490 | 11.821 | 951.486 |
| 又 | 247.390 | 13.043 | 3226.584 |
| 又 | 108.870 | 13.164 | 1433.111 |
| 又 | 42.360 | 13.500 | 571.856 |
| 又 | 364.310 | 13.641 | 4969.615 |
| 又 | 247.390 | 13.835 | 3422.641 |
| 又 | 283.820 | 14.288 | 4055.217 |
| 又 | 268.140 | 14.551 | 3901.751 |
| Ｙ５ | 1129.820 | 14.560 | 16450.179 |
| 又Ｙ５ | 80.490 | 14.984 | 1206.023 |
| 又Ｙ５ | 283.820 | 15.198 | 4313.494 |
| 又Ｙ５ | 47.440 | 15.320 | 726.777 |
| 又 | 116.920 | 16.108 | 1883.346 |
| 又 | 54.650 | 16.326 | 892.207 |
| 又 | 80.490 | 16.754 | 1348.490 |
| 又 | 41.510 | 17.235 | 715.432 |
| Ｙ６ | 1423.960 | 17.290 | 24620.268 |
| 又 | 283.820 | 18.838 | 5346.598 |
| 又 | 218.160 | 20.609 | 4496.081 |
| Ｙ８ | 882.420 | 21.385 | 18870.552 |
| 計 | 10440.170 | | 130187.249 |

Ｇy＝ΣＤＹｘ／ΣＤｘ＝130187.249/10440.170＝12.470（ｍ）

２階Ｙ＋方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| Ｘ０ | 2798.070 | 0.000 | 0.000 |
| Ｘ２ | 156.200 | 3.300 | 515.460 |
| Ｘ３ | 668.520 | 4.210 | 2814.469 |
| Ｘ５ | 2173.400 | 7.415 | 16115.761 |
| 又Ｘ７ | 377.860 | 13.330 | 5036.874 |
| Ｘ８ | 643.460 | 14.830 | 9542.512 |
| Ｘ９ | 1185.680 | 15.605 | 18502.536 |
| X10 | 331.270 | 16.515 | 5470.924 |
| 又X10 | 24.990 | 16.624 | 415.430 |
| 又X10 | 82.180 | 16.978 | 1395.223 |
| 又X10 | 32.190 | 17.146 | 551.916 |
| 又X11 | 94.460 | 18.005 | 1700.711 |
| 又X11 | 47.440 | 18.051 | 856.319 |
| 又X11 | 47.440 | 18.200 | 863.408 |
| 又X12 | 151.230 | 18.965 | 2868.104 |
| 又X12 | 112.260 | 19.199 | 2155.240 |
| 又X13 | 283.820 | 20.109 | 5707.237 |
| 又X14 | 241.460 | 20.356 | 4915.095 |
| 又X14 | 43.210 | 20.541 | 887.591 |
| 又X15 | 241.460 | 21.131 | 5102.226 |
| 又X15 | 163.510 | 21.656 | 3540.928 |

２階Ｙ＋方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| 又X15 | 170.290 | 21.929 | 3734.230 |
| 又X16 | 219.000 | 22.056 | 4830.205 |
| 又X16 | 39.820 | 22.611 | 900.376 |
| 又X17 | 241.460 | 23.508 | 5676.256 |
| 又X18 | 38.970 | 24.121 | 940.003 |
| 又X18 | 326.180 | 24.553 | 8008.717 |
| 又X19 | 236.370 | 25.208 | 5958.429 |
| 又X20 | 283.820 | 25.885 | 7346.791 |
| 又X21 | 94.460 | 26.784 | 2530.038 |
| 又 | 76.250 | 28.360 | 2162.480 |
| 計 | 11626.730 | | 131045.490 |

Ｇx＝ΣＤＸｙ／ΣＤｙ＝131045.490/11626.730＝11.271（ｍ）

２階Ｙ－方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| X０ | 2967.450 | 0.000 | 0.000 |
| X２ | 156.200 | 3.300 | 515.460 |
| X３ | 668.520 | 4.210 | 2814.469 |
| X５ | 2137.720 | 7.415 | 15851.194 |
| 又X７ | 377.860 | 13.330 | 5036.874 |
| X８ | 643.460 | 14.830 | 9542.512 |
| X９ | 1185.680 | 15.605 | 18502.536 |
| X10 | 331.270 | 16.515 | 5470.924 |
| 又X10 | 42.360 | 16.624 | 704.185 |
| 又X10 | 82.180 | 16.978 | 1395.223 |
| 又X10 | 53.800 | 17.146 | 922.432 |
| 又X11 | 94.460 | 18.005 | 1700.711 |
| 又X11 | 47.440 | 18.051 | 856.319 |
| 又X11 | 47.440 | 18.200 | 863.408 |
| 又X12 | 151.230 | 18.965 | 2868.104 |
| 又X12 | 112.260 | 19.199 | 2155.240 |
| 又X13 | 170.290 | 20.109 | 3424.302 |
| 又X14 | 241.460 | 20.356 | 4915.095 |
| 又X14 | 72.440 | 20.541 | 1488.015 |
| 又X15 | 241.460 | 21.131 | 5102.226 |
| 又X15 | 163.510 | 21.656 | 3540.928 |
| 又X15 | 283.820 | 21.929 | 6223.789 |
| 又X16 | 219.000 | 22.056 | 4830.205 |
| 又X16 | 66.510 | 22.611 | 1503.868 |
| 又X17 | 241.460 | 23.508 | 5676.256 |
| 又X18 | 64.810 | 24.121 | 1563.295 |
| 又X18 | 326.180 | 24.553 | 8008.717 |
| 又X19 | 198.250 | 25.208 | 4997.498 |
| 又X20 | 170.290 | 25.885 | 4408.023 |
| 又X21 | 56.340 | 26.784 | 1509.024 |
| 又 | 127.930 | 28.360 | 3628.145 |

２階Ｙ－方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| 計 | 11743.080 | | 130018.976 |

Ｇx＝ΣＤＸｙ／ΣＤｙ＝130018.976/11743.080＝11.072（m）

１階Ｘ＋方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| Ｙ０ | 1868.120 | 0.000 | 0.000 |
| 又 | 225.970 | 2.303 | 520.456 |
| 又 | 135.660 | 2.758 | 374.179 |
| 又 | 90.310 | 3.879 | 350.347 |
| Ｙ２ | 2281.180 | 5.915 | 13493.180 |
| 又 | 67.630 | 7.426 | 502.203 |
| 又 | 40.500 | 8.073 | 326.952 |
| 又 | 61.960 | 8.425 | 522.013 |
| Ｙ３ | 2823.830 | 8.645 | 24412.010 |
| 又Ｙ３ | 108.940 | 9.108 | 992.212 |
| 又Ｙ３ | 61.960 | 9.213 | 570.842 |
| 又 | 216.660 | 9.563 | 2071.811 |
| 又 | 493.660 | 10.290 | 5079.761 |
| 又 | 122.300 | 10.411 | 1273.225 |
| Ｙ４ | 311.420 | 10.920 | 3400.706 |
| 又Ｙ４ | 321.540 | 10.927 | 3513.628 |
| 又Ｙ４ | 324.780 | 11.139 | 3617.617 |
| 又Ｙ４ | 321.540 | 11.382 | 3659.929 |
| 又Ｙ４ | 45.360 | 11.577 | 525.148 |
| 又Ｙ４ | 324.780 | 11.821 | 3839.280 |
| 又 | 90.720 | 12.365 | 1121.791 |
| 又 | 541.440 | 12.504 | 6769.987 |
| 又 | 324.780 | 12.975 | 4214.021 |
| 又 | 45.360 | 13.154 | 596.643 |
| 又 | 749.190 | 13.835 | 10365.044 |
| 又Ｙ５ | 186.690 | 14.970 | 2794.841 |
| 又Ｙ５ | 362.040 | 15.415 | 5580.847 |
| 又Ｙ５ | 186.690 | 15.425 | 2879.785 |
| 又 | 91.930 | 16.326 | 1500.834 |
| 又 | 375.400 | 16.754 | 6289.268 |
| 又 | 186.690 | 17.018 | 3177.089 |
| 又Ｙ６ | 186.690 | 17.473 | 3262.033 |
| 又 | 74.510 | 18.399 | 1370.906 |
| Ｙ７ | 1022.680 | 19.110 | 19543.415 |
| 又Ｙ７ | 69.650 | 19.243 | 1340.274 |
| 又 | 186.690 | 20.609 | 3847.513 |
| 又 | 135.660 | 21.064 | 2857.556 |
| Ｙ８ | 2147.950 | 21.385 | 45933.911 |
| Ｙ９ | 578.700 | 21.840 | 12638.808 |
| 計 | 17791.560 | | 205130.063 |

Ｇy＝ΣＤＹｘ／ΣＤｘ＝205130.063/17791.560＝11.530（m）

１階Ｘ－方向剛心位置（座標）

| 通り | Ｄx | Ｌｙ（m） | ＤＹｘ |
|---|---|---|---|
| Ｙ０ | 1868.120 | 0.000 | 0.000 |
| 又 | 225.970 | 2.303 | 520.456 |
| 又 | 135.660 | 2.758 | 374.179 |
| 又 | 90.310 | 3.879 | 350.347 |
| Ｙ２ | 2281.180 | 5.915 | 13493.180 |
| 又 | 40.500 | 7.426 | 300.743 |
| 又 | 67.630 | 8.073 | 545.969 |
| 又 | 61.960 | 8.425 | 522.013 |
| Ｙ３ | 2823.830 | 8.645 | 24412.010 |
| 又Ｙ３ | 108.940 | 9.108 | 992.212 |
| 又Ｙ３ | 61.960 | 9.213 | 570.842 |
| 又 | 129.990 | 9.563 | 1243.029 |
| 又 | 493.660 | 10.290 | 5079.761 |
| 又 | 122.300 | 10.411 | 1273.225 |
| Ｙ４ | 364.470 | 10.920 | 3980.012 |
| 又Ｙ４ | 321.540 | 10.927 | 3513.628 |
| 又Ｙ４ | 324.780 | 11.139 | 3617.617 |
| 又Ｙ４ | 321.540 | 11.382 | 3659.929 |
| 又Ｙ４ | 45.360 | 11.577 | 525.148 |
| 又Ｙ４ | 324.780 | 11.821 | 3839.280 |
| 又 | 90.720 | 12.365 | 1121.791 |
| 又 | 541.440 | 12.504 | 6769.987 |
| 又 | 324.780 | 12.975 | 4214.021 |
| 又 | 45.360 | 13.154 | 596.643 |
| 又 | 749.190 | 13.835 | 10365.044 |
| 又Ｙ５ | 186.690 | 14.970 | 2794.841 |
| 又Ｙ５ | 362.040 | 15.415 | 5580.847 |
| 又Ｙ５ | 186.690 | 15.425 | 2879.785 |
| 又 | 91.930 | 16.326 | 1500.834 |
| 又 | 375.400 | 16.754 | 6289.268 |
| 又 | 186.690 | 17.018 | 3177.089 |
| 又Ｙ６ | 186.690 | 17.473 | 3262.033 |
| 又 | 74.510 | 18.399 | 1370.906 |
| Ｙ７ | 1199.320 | 19.110 | 22919.005 |
| 又Ｙ７ | 116.630 | 19.243 | 2244.310 |
| 又 | 186.690 | 20.609 | 3847.513 |
| 又 | 135.660 | 21.064 | 2857.556 |
| Ｙ８ | 2147.950 | 21.385 | 45933.911 |
| Ｙ９ | 654.300 | 21.840 | 14289.912 |
| 計 | 18057.160 | | 210828.874 |

Ｇy＝ΣＤＹｘ／ΣＤｘ＝210828.874/18057.160＝11.676（m）

１階Ｙ＋方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| Ｘ０ | 4561.170 | 0.000 | 0.000 |
| Ｘ３ | 1093.120 | 4.210 | 4602.035 |

１階Ｙ＋方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| Ｘ４ | 1964.910 | 5.915 | 11622.443 |
| | 496.500 | 6.665 | 3309.173 |
| Ｘ６ | 630.940 | 11.510 | 7262.119 |
| Ｘ７ | 1850.710 | 13.110 | 24262.808 |
| Ｘ８ | 362.040 | 14.830 | 5369.053 |
| Ｘ９ | 3920.100 | 15.605 | 61173.161 |
| 又Ｘ９ | 108.940 | 15.912 | 1733.501 |
| 又X10 | 61.960 | 16.624 | 1030.013 |
| 又X10 | 45.360 | 17.412 | 789.805 |
| 又X11 | 45.360 | 17.501 | 793.825 |
| 又X11 | 230.830 | 18.065 | 4169.944 |
| 又X11 | 45.360 | 18.289 | 829.573 |
| 又X12 | 262.830 | 18.990 | 4991.142 |
| 又X12 | 99.220 | 19.022 | 1887.368 |
| 又X12 | 107.320 | 19.065 | 2046.031 |
| 又X12 | 271.330 | 19.199 | 5209.170 |
| 又X13 | 181.020 | 19.581 | 3544.504 |
| 又X13 | 107.320 | 19.853 | 2130.608 |
| 又X13 | 271.330 | 20.109 | 5456.080 |
| 又X14 | 164.420 | 20.641 | 3393.783 |
| 又X15 | 108.940 | 21.551 | 2347.759 |
| 又X15 | 368.520 | 21.745 | 8013.512 |
| 又X15 | 204.100 | 21.929 | 4475.637 |
| 又X16 | 338.150 | 22.056 | 7458.145 |
| 又X16 | 108.940 | 22.733 | 2476.540 |
| 又X16 | 61.960 | 22.844 | 1415.402 |
| 又X17 | 122.300 | 23.538 | 2878.672 |
| 又X19 | 186.690 | 25.430 | 4747.600 |
| 又X19 | 61.960 | 25.602 | 1586.306 |
| 又X20 | 227.190 | 25.885 | 5880.902 |
| 又X20 | 61.960 | 26.390 | 1635.136 |
| 又X21 | 135.660 | 26.795 | 3635.063 |
| 又X21 | 271.320 | 27.250 | 7393.576 |
| 又X22 | 135.660 | 27.705 | 3758.513 |
| 計 | 19275.440 | | 213308.900 |

Ｇx＝ΣＤＸｙ／ΣＤｙ＝213308.900/19275.440＝11.066（m）

１階Ｙ－方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| Ｘ０ | 4363.370 | 0.000 | 0.000 |
| Ｘ３ | 1093.120 | 4.210 | 4602.035 |
| Ｘ４ | 1964.910 | 5.915 | 11622.443 |
| | 496.500 | 6.665 | 3309.173 |
| Ｘ６ | 630.940 | 11.510 | 7262.119 |
| Ｘ７ | 1850.710 | 13.110 | 24262.808 |
| Ｘ８ | 362.040 | 14.830 | 5369.053 |

１階Ｙ－方向剛心位置（座標）

| 通り | Ｄｙ | Ｌｘ | ＤＸｙ |
|---|---|---|---|
| X９ | 4172.390 | 15.605 | 65110.146 |
| 又X９ | 108.940 | 15.912 | 1733.501 |
| 又X10 | 61.960 | 16.624 | 1030.013 |
| 又X10 | 45.360 | 17.412 | 789.805 |
| 又X11 | 45.360 | 17.501 | 793.825 |
| 又X11 | 230.830 | 18.065 | 4169.944 |
| 又X11 | 45.360 | 18.289 | 829.573 |
| 又X12 | 247.030 | 18.990 | 4691.100 |
| 又X12 | 99.220 | 19.022 | 1887.368 |
| 又X12 | 107.320 | 19.065 | 2046.031 |
| 又X12 | 271.330 | 19.199 | 5209.170 |
| 又X13 | 181.020 | 19.581 | 3544.504 |
| 又X13 | 107.320 | 19.853 | 2130.608 |
| 又X13 | 271.330 | 20.109 | 5456.080 |
| 又X14 | 164.420 | 20.641 | 3393.783 |
| 又X15 | 108.940 | 21.551 | 2347.759 |
| 又X15 | 396.860 | 21.745 | 8629.768 |
| 又X15 | 122.300 | 21.929 | 2681.874 |
| 又X16 | 338.150 | 22.056 | 7458.145 |
| 又X16 | 108.940 | 22.733 | 2476.540 |
| 又X16 | 61.960 | 22.844 | 1415.402 |
| 又X17 | 204.100 | 23.538 | 4804.063 |
| 又X19 | 186.690 | 25.430 | 4747.600 |
| 又X19 | 61.960 | 25.602 | 1586.306 |
| 又X20 | 227.190 | 25.885 | 5880.902 |
| 又X20 | 61.960 | 26.390 | 1635.136 |
| 又X21 | 135.660 | 26.795 | 3635.063 |
| 又X21 | 271.320 | 27.250 | 7393.576 |
| 又X22 | 135.660 | 27.705 | 3758.513 |
| 計 | 19342.470 | | 217693.728 |

Ｇx＝ΣＤＸｙ／ΣＤｙ＝217693.728/19342.470＝11.255（m）

③重心の算定

２階Ｘ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｙ (m) | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| Ｙ１ | 49.56 | 1.100 | 54.52 |
| 又Ｙ１ | 0.21 | 1.781 | 0.37 |
| 又Ｙ１ | 5.19 | 1.820 | 9.45 |
| 又 | 1.22 | 2.303 | 2.81 |
| 又 | 2.33 | 2.730 | 6.37 |
| 又 | 2.61 | 3.185 | 8.30 |
| 又 | 3.03 | 3.256 | 9.87 |
| 又 | 7.17 | 3.640 | 26.08 |
| 又 | 3.33 | 3.711 | 12.36 |
| 又 | 2.23 | 3.879 | 8.66 |
| 又 | 5.65 | 4.095 | 23.15 |
| 又 | 8.29 | 4.233 | 35.07 |
| 又 | 3.65 | 5.456 | 19.89 |
| Ｙ２ | 18.16 | 5.915 | 107.40 |
| 又 | 4.03 | 7.032 | 28.33 |
| 又 | 0.54 | 7.243 | 3.93 |
| 又 | 3.28 | 7.280 | 23.90 |
| | 6.44 | 7.735 | 49.82 |
| 又 | 3.19 | 8.425 | 26.86 |
| 又 | 4.42 | 8.608 | 38.01 |
| Ｙ３ | 63.20 | 8.645 | 546.40 |
| 又Ｙ３ | 3.40 | 9.153 | 31.12 |
| 又Ｙ３ | 3.81 | 9.335 | 35.58 |
| 又 | 4.17 | 9.790 | 40.79 |
| 又 | 4.15 | 10.001 | 41.48 |
| 又 | 3.02 | 10.290 | 31.07 |
| 又 | 0.96 | 10.335 | 9.95 |
| 又 | 3.30 | 10.684 | 35.23 |
| Ｙ４ | 32.53 | 10.920 | 355.27 |
| 又Ｙ４ | 6.30 | 10.985 | 69.18 |
| 又Ｙ４ | 0.53 | 11.245 | 6.01 |
| 又Ｙ４ | 4.42 | 11.577 | 51.19 |
| 又Ｙ４ | 5.03 | 11.670 | 58.71 |
| 又Ｙ４ | 4.31 | 11.821 | 50.95 |
| 又 | 7.17 | 11.895 | 85.31 |
| 又 | 0.77 | 11.970 | 9.16 |
| 又 | 16.46 | 12.015 | 197.72 |
| 又 | 15.46 | 12.120 | 187.42 |
| 又 | 3.51 | 12.421 | 43.65 |
| | 12.80 | 12.740 | 163.10 |
| 又 | 3.98 | 13.043 | 51.96 |
| 又 | 2.75 | 13.154 | 36.11 |
| 又 | 4.78 | 13.164 | 62.87 |
| 又 | 1.44 | 13.195 | 18.96 |

２階Ｘ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｙ（m） | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| 又 | 1.66 | 13.500 | 22.45 |
| 又 | 0.82 | 13.565 | 11.14 |
| 又 | 4.67 | 13.641 | 63.63 |
| | 19.72 | 13.650 | 269.17 |
| 又 | 12.19 | 13.835 | 168.64 |
| 又 | 1.75 | 14.288 | 24.98 |
| 又 | 2.05 | 14.410 | 29.57 |
| 又 | 3.18 | 14.551 | 46.30 |
| Ｙ５ | 26.37 | 14.560 | 383.97 |
| 又Ｙ５ | 4.51 | 14.974 | 67.46 |
| 又Ｙ５ | 4.21 | 14.984 | 63.12 |
| 又Ｙ５ | 3.90 | 15.198 | 59.21 |
| 又Ｙ５ | 1.41 | 15.320 | 21.63 |
| 又Ｙ５ | 2.65 | 15.411 | 40.88 |
| 又Ｙ５ | 19.95 | 15.415 | 307.50 |
| | 17.44 | 15.470 | 269.81 |
| 又 | 7.13 | 15.925 | 113.57 |
| 又 | 3.03 | 16.108 | 48.85 |
| 又 | 3.96 | 16.326 | 64.70 |
| | 5.47 | 16.380 | 89.53 |
| 又 | 2.42 | 16.735 | 40.53 |
| 又 | 3.94 | 16.754 | 65.93 |
| 又 | 0.72 | 16.835 | 12.15 |
| 又 | 4.84 | 17.235 | 83.41 |
| Ｙ６ | 36.77 | 17.290 | 635.80 |
| 又Ｙ６ | 2.40 | 17.528 | 41.97 |
| 又Ｙ６ | 2.60 | 17.928 | 46.52 |
| 又Ｙ６ | 1.70 | 18.096 | 30.68 |
| 又 | 2.07 | 18.399 | 38.05 |
| 又 | 3.25 | 18.838 | 61.26 |
| Ｙ７ | 36.85 | 19.110 | 704.17 |
| 又Ｙ７ | 2.92 | 19.698 | 57.54 |
| | 0.54 | 20.020 | 10.75 |
| 又 | 1.55 | 20.154 | 31.32 |
| 又 | 1.64 | 20.300 | 33.33 |
| 又 | 1.56 | 20.475 | 31.89 |
| 又 | 1.74 | 20.609 | 35.87 |
| 又 | 1.32 | 21.064 | 27.87 |
| Ｙ８ | 52.11 | 21.385 | 1114.29 |
| 計 | 649.77 | | 7983.74 |

Ｏｙ＝Σ（Ｗｉ・Ｌｙ）／ΣＷｉ＝7983.74/649.77＝12.287（ｍ）

２階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| ＸＯ | 88.17 | 0.000 | 0.00 |
| 又Ｘ１ | 6.27 | 0.910 | 5.71 |

２階Ｙ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｘ (m) | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又Ｘ１ | 5.25 | 1.025 | 5.38 |
| 又 | 4.72 | 1.820 | 8.59 |
| 又 | 7.42 | 1.955 | 14.50 |
| 又 | 8.59 | 2.390 | 20.53 |
| Ｘ２ | 18.41 | 3.300 | 60.75 |
| Ｘ３ | 58.47 | 4.210 | 246.14 |
| 又Ｘ３ | 8.84 | 4.685 | 41.42 |
| | 30.22 | 5.315 | 160.61 |
| 又Ｘ４ | 5.12 | 6.365 | 32.58 |
| 又Ｘ４ | 4.48 | 6.505 | 29.11 |
| Ｘ５ | 82.94 | 7.415 | 615.01 |
| | 1.78 | 8.325 | 14.81 |
| 又 | 3.20 | 8.780 | 28.10 |
| | 5.11 | 9.235 | 47.17 |
| 又 | 7.42 | 9.370 | 69.48 |
| 又 | 0.00 | 9.690 | 0.00 |
| 又 | 5.31 | 9.805 | 52.10 |
| Ｘ６ | 4.83 | 11.510 | 55.64 |
| 又Ｘ６ | 7.76 | 11.625 | 90.15 |
| 又Ｘ６ | 8.04 | 12.100 | 97.25 |
| | 0.00 | 12.420 | 0.00 |
| Ｘ７ | 9.41 | 13.110 | 123.38 |
| 又Ｘ７ | 23.95 | 13.330 | 319.20 |
| 又Ｘ７ | 7.21 | 13.920 | 100.29 |
| 又 | 6.63 | 14.240 | 94.36 |
| 又 | 3.99 | 14.695 | 58.61 |
| Ｘ８ | 3.34 | 14.830 | 49.60 |
| Ｘ９ | 62.74 | 15.605 | 979.03 |
| 又Ｘ９ | 0.86 | 16.068 | 13.80 |
| X10 | 2.65 | 16.515 | 43.81 |
| 又X10 | 1.32 | 16.624 | 22.00 |
| 又X10 | 3.98 | 16.978 | 67.64 |
| 又X10 | 8.29 | 17.146 | 142.05 |
| 又X10 | 3.94 | 17.290 | 68.04 |
| 又X10 | 1.74 | 17.412 | 30.30 |
| 又X11 | 0.21 | 17.987 | 3.76 |
| 又X11 | 3.18 | 18.005 | 57.29 |
| 又X11 | 3.33 | 18.051 | 60.14 |
| 又X11 | 1.70 | 18.065 | 30.62 |
| 又X11 | 1.55 | 18.200 | 28.28 |
| 又X11 | 2.07 | 18.240 | 37.73 |
| 又X11 | 1.22 | 18.289 | 22.31 |
| 又X12 | 0.53 | 18.590 | 9.94 |
| 又X12 | 3.03 | 18.839 | 57.09 |
| 又X12 | 7.17 | 18.965 | 136.02 |

２階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又X12 | 2.92 | 18.990 | 55.47 |
| 又X12 | 2.23 | 19.199 | 42.87 |
| 又X13 | 2.96 | 19.555 | 57.93 |
| 又X13 | 4.67 | 19.581 | 91.34 |
| 又X13 | 3.65 | 20.109 | 73.31 |
| 又X14 | 0.96 | 20.166 | 19.42 |
| 又X14 | 4.21 | 20.356 | 85.75 |
| 又X14 | 3.25 | 20.480 | 66.60 |
| 又X14 | 6.30 | 20.541 | 129.36 |
| 又X14 | 4.03 | 21.019 | 84.68 |
| 又X15 | 3.96 | 21.131 | 83.74 |
| 又X15 | 1.88 | 21.656 | 40.65 |
| 又X15 | 3.51 | 21.694 | 76.24 |
| 又X15 | 3.02 | 21.745 | 65.65 |
| 又X15 | 4.42 | 21.929 | 96.84 |
| 又X16 | 2.60 | 22.056 | 57.23 |
| 又X16 | 0.72 | 22.349 | 16.13 |
| 又X16 | 4.17 | 22.611 | 94.20 |
| 又X16 | 4.31 | 22.733 | 97.99 |
| 又X16 | 2.40 | 22.749 | 54.47 |
| 又X17 | 4.78 | 23.508 | 112.27 |
| 又X17 | 3.40 | 23.714 | 80.62 |
| 又X18 | 2.42 | 24.121 | 58.41 |
| 又X18 | 0.54 | 24.293 | 13.19 |
| 又X18 | 4.51 | 24.553 | 110.61 |
| 又X18 | 3.30 | 24.703 | 81.45 |
| 又X19 | 1.41 | 24.753 | 34.95 |
| 又X19 | 3.19 | 24.975 | 79.63 |
| 又X19 | 3.03 | 25.208 | 76.44 |
| 又X20 | 4.15 | 25.885 | 107.37 |
| 又X20 | 2.05 | 26.329 | 54.03 |
| 又X21 | 3.90 | 26.784 | 104.35 |
| 又X21 | 4.42 | 26.795 | 118.48 |
| 又X22 | 2.75 | 27.705 | 76.06 |
| 又X22 | 1.66 | 27.905 | 46.40 |
| 又 | 1.75 | 28.360 | 49.58 |
| 計 | 649.77 | | 6844.00 |

Ｏx＝Σ（Wi・Lx）／ΣWi＝6844.00/649.77＝10.533（m）

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｙ（m） | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| Ｙ０ | 116.56 | 0.000 | 0.00 |
| 又Ｙ０ | 7.41 | 0.910 | 6.74 |
| Ｙ１ | 5.90 | 1.100 | 6.49 |
| 又Ｙ１ | 50.15 | 1.820 | 91.27 |
| 又 | 14.18 | 2.303 | 32.67 |

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｙ (m) | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| 又 | 5.88 | 2.730 | 16.05 |
| 又 | 5.98 | 2.758 | 16.49 |
| 又 | 25.53 | 3.185 | 81.33 |
| 又 | 7.35 | 3.640 | 26.73 |
| 又 | 15.42 | 3.853 | 59.41 |
| 又 | 24.09 | 3.879 | 93.43 |
| 又 | 15.88 | 4.095 | 65.02 |
| 又 | 10.90 | 4.585 | 49.97 |
| 又 | 14.60 | 5.456 | 79.63 |
| Ｙ２ | 170.37 | 5.915 | 1007.72 |
| 又Ｙ２ | 8.14 | 6.244 | 50.82 |
| | 2.51 | 6.825 | 17.16 |
| 又 | 9.21 | 7.032 | 64.76 |
| 又 | 3.63 | 7.055 | 25.64 |
| 又 | 1.67 | 7.243 | 12.11 |
| 又 | 12.52 | 7.280 | 91.11 |
| 又 | 10.60 | 7.426 | 78.69 |
| 又 | 11.07 | 7.565 | 83.74 |
| | 16.49 | 7.735 | 127.51 |
| 又 | 2.38 | 8.073 | 19.21 |
| 又 | 0.77 | 8.380 | 6.47 |
| 又 | 8.11 | 8.425 | 68.30 |
| 又 | 17.94 | 8.608 | 154.44 |
| Ｙ３ | 195.73 | 8.645 | 1692.09 |
| 又Ｙ３ | 1.74 | 9.108 | 15.82 |
| 又Ｙ３ | 6.50 | 9.153 | 59.52 |
| 又Ｙ３ | 4.60 | 9.213 | 42.33 |
| 又Ｙ３ | 2.89 | 9.255 | 26.77 |
| 又 | 9.90 | 9.563 | 94.64 |
| 又 | 9.79 | 10.001 | 97.90 |
| 又 | 10.28 | 10.215 | 104.97 |
| 又 | 5.39 | 10.255 | 55.31 |
| 又 | 10.92 | 10.290 | 112.40 |
| 又 | 11.84 | 10.411 | 123.28 |
| | 13.67 | 10.465 | 143.04 |
| Ｙ４ | 142.29 | 10.920 | 1553.82 |
| 又Ｙ４ | 13.21 | 10.928 | 144.35 |
| 又Ｙ４ | 14.71 | 11.139 | 163.82 |
| 又Ｙ４ | 6.92 | 11.202 | 77.47 |
| 又Ｙ４ | 3.86 | 11.383 | 43.89 |
| 又Ｙ４ | 9.43 | 11.577 | 109.19 |
| 又Ｙ４ | 22.56 | 11.821 | 266.71 |
| 又 | 16.21 | 11.838 | 191.88 |
| 又 | 63.15 | 12.015 | 758.78 |
| 又 | 98.09 | 12.120 | 1188.80 |

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｙ (m) | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| 又 | 11.17 | 12.187 | 136.11 |
| 又 | 2.89 | 12.365 | 35.68 |
| 又 | 21.03 | 12.504 | 262.90 |
| 又 | 5.64 | 12.925 | 72.87 |
| 又 | 12.77 | 12.975 | 165.72 |
| 又 | 8.13 | 13.154 | 106.93 |
| 又 | 17.97 | 13.641 | 245.06 |
| | 17.78 | 13.650 | 242.64 |
| 又 | 3.35 | 13.658 | 45.70 |
| 又 | 40.93 | 13.835 | 566.33 |
| 又 | 1.42 | 14.035 | 19.94 |
| 又 | 7.67 | 14.166 | 108.61 |
| 又 | 8.42 | 14.288 | 120.23 |
| 又 | 2.46 | 14.550 | 35.75 |
| Ｙ５ | 26.74 | 14.560 | 389.31 |
| 又Ｙ５ | 12.71 | 14.970 | 190.23 |
| 又Ｙ５ | 6.25 | 14.984 | 93.69 |
| 又Ｙ５ | 11.86 | 15.411 | 182.78 |
| 又Ｙ５ | 45.79 | 15.415 | 705.87 |
| 又Ｙ５ | 10.50 | 15.425 | 161.91 |
| 又 | 4.21 | 15.754 | 66.34 |
| 又 | 2.26 | 15.867 | 35.77 |
| 又 | 21.00 | 15.880 | 333.48 |
| 又 | 15.61 | 16.326 | 254.88 |
| 又 | 3.68 | 16.359 | 60.14 |
| | 19.33 | 16.380 | 316.55 |
| 又 | 10.20 | 16.754 | 170.82 |
| 又 | 16.30 | 16.780 | 273.46 |
| 又 | 13.29 | 16.790 | 223.15 |
| 又 | 6.28 | 17.018 | 106.81 |
| Ｙ６ | 20.74 | 17.290 | 358.50 |
| 又Ｙ６ | 10.83 | 17.473 | 189.14 |
| 又Ｙ６ | 15.98 | 17.690 | 282.73 |
| 又Ｙ６ | 7.73 | 17.745 | 137.23 |
| 又Ｙ６ | 13.79 | 17.928 | 247.20 |
| 又Ｙ６ | 12.22 | 18.096 | 221.17 |
| 又 | 12.11 | 18.399 | 222.76 |
| 又 | 8.25 | 18.655 | 153.97 |
| 又 | 52.70 | 18.820 | 991.89 |
| 又 | 6.81 | 18.838 | 128.32 |
| 又 | 1.30 | 19.093 | 24.77 |
| Ｙ７ | 59.17 | 19.110 | 1130.68 |
| 又Ｙ７ | 1.72 | 19.243 | 33.10 |
| 又Ｙ７ | 8.79 | 19.565 | 171.96 |
| 又Ｙ７ | 12.47 | 19.698 | 245.56 |

１階Ｘ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｙ（m） | Ｗｉ・Ｌｙ(kN･m) |
|---|---|---|---|
| | 75.90 | 20.020 | 1519.44 |
| 又 | 4.52 | 20.153 | 91.05 |
| 又 | 55.26 | 20.475 | 1131.47 |
| 又 | 4.99 | 20.609 | 102.84 |
| 又 | 3.83 | 21.064 | 80.73 |
| Ｙ８ | 107.80 | 21.385 | 2305.39 |
| Ｙ９ | 25.38 | 21.840 | 554.20 |
| 又Ｙ９ | 0.04 | 22.040 | 0.80 |
| | 0.03 | 22.750 | 0.60 |
| 計 | 2178.80 | | 25554.78 |

Ｏｙ＝Σ（Wi・Ly）／ΣWi＝25554.78/2178.80＝11.729（ｍ）

１階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| Ｘ０ | 240.62 | 0.000 | 0.00 |
| 又Ｘ０ | 2.08 | 0.375 | 0.78 |
| Ｘ１ | 42.53 | 0.880 | 37.43 |
| 又Ｘ１ | 8.40 | 0.910 | 7.64 |
| 又Ｘ１ | 3.67 | 1.205 | 4.42 |
| 又Ｘ１ | 5.32 | 1.500 | 7.98 |
| 又 | 13.55 | 1.820 | 24.66 |
| 又 | 6.86 | 2.275 | 15.61 |
| 又 | 7.34 | 2.390 | 17.53 |
| Ｘ２ | 5.89 | 3.300 | 19.43 |
| 又Ｘ２ | 4.78 | 3.480 | 16.65 |
| Ｘ３ | 233.56 | 4.210 | 983.30 |
| 又Ｘ３ | 2.55 | 5.130 | 13.09 |
| 又 | 2.57 | 5.740 | 14.75 |
| Ｘ４ | 87.24 | 5.915 | 516.02 |
| 又Ｘ４ | 10.41 | 6.050 | 62.99 |
| 又Ｘ４ | 8.32 | 6.505 | 54.13 |
| | 10.11 | 6.665 | 67.37 |
| 又 | 3.42 | 7.295 | 24.94 |
| Ｘ５ | 216.94 | 7.415 | 1608.64 |
| 又Ｘ５ | 15.82 | 7.575 | 119.84 |
| 又Ｘ５ | 16.43 | 7.985 | 131.22 |
| | 2.99 | 8.325 | 24.90 |
| 又 | 13.16 | 8.780 | 115.51 |
| | 10.88 | 9.235 | 100.45 |
| 又 | 19.43 | 9.395 | 182.58 |
| 又 | 19.35 | 9.870 | 191.00 |
| | 11.52 | 10.145 | 116.90 |
| 又 | 14.78 | 11.215 | 165.70 |
| Ｘ６ | 46.78 | 11.510 | 538.44 |
| | 3.43 | 12.420 | 42.61 |
| 又 | 14.21 | 12.580 | 178.76 |

１階Ｙ方向重心位置（座標）

| 通り | Ｗｉ (kN) | Ｌｘ (m) | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又 | 7.82 | 12.755 | 99.68 |
| Ｘ７ | 159.55 | 13.110 | 2091.71 |
| 又Ｘ７ | 21.89 | 13.330 | 291.77 |
| 又Ｘ７ | 13.70 | 13.360 | 183.06 |
| 又Ｘ７ | 10.62 | 13.785 | 146.38 |
| 又 | 8.93 | 14.250 | 127.18 |
| 又 | 11.28 | 14.510 | 163.60 |
| 又 | 16.03 | 14.695 | 235.49 |
| Ｘ８ | 23.46 | 14.830 | 347.85 |
| 又Ｘ８ | 4.11 | 15.110 | 62.16 |
| Ｘ９ | 225.57 | 15.605 | 3519.97 |
| 又Ｘ９ | 3.35 | 15.912 | 53.25 |
| 又Ｘ９ | 3.14 | 16.068 | 50.50 |
| 又Ｘ９ | 6.92 | 16.071 | 111.13 |
| X10 | 11.86 | 16.515 | 195.88 |
| 又X10 | 3.83 | 16.624 | 63.71 |
| 又X10 | 11.17 | 16.640 | 185.84 |
| 又X10 | 3.68 | 17.063 | 62.72 |
| 又X10 | 12.77 | 17.095 | 218.34 |
| 又X10 | 10.20 | 17.290 | 176.29 |
| 又X10 | 4.99 | 17.412 | 86.89 |
| 又X11 | 5.98 | 17.501 | 104.65 |
| 又X11 | 12.22 | 18.065 | 220.79 |
| 又X11 | 4.52 | 18.202 | 82.23 |
| 又X11 | 12.11 | 18.240 | 220.84 |
| 又X11 | 14.18 | 18.289 | 259.41 |
| 又X12 | 7.67 | 18.671 | 143.15 |
| 又X12 | 12.47 | 18.990 | 236.74 |
| 又X12 | 4.21 | 19.022 | 80.10 |
| 又X12 | 16.21 | 19.065 | 309.02 |
| 又X12 | 24.09 | 19.199 | 462.39 |
| 又X13 | 17.97 | 19.581 | 351.76 |
| 又X13 | 1.72 | 19.778 | 34.02 |
| 又X13 | 1.42 | 19.808 | 28.14 |
| 又X13 | 3.86 | 19.853 | 76.55 |
| 又X13 | 1.30 | 20.038 | 26.00 |
| 又X13 | 2.46 | 20.106 | 49.39 |
| 又X13 | 14.60 | 20.109 | 293.53 |
| 又X14 | 6.25 | 20.356 | 127.28 |
| 又X14 | 6.81 | 20.480 | 139.50 |
| 又X14 | 8.14 | 20.564 | 167.38 |
| 又X14 | 13.21 | 20.641 | 272.66 |
| 又X14 | 2.26 | 20.866 | 47.04 |
| 又X14 | 9.21 | 21.019 | 193.58 |
| 又X14 | 1.74 | 21.063 | 36.59 |

１階Ｙ方向重心位置（座標）

| 通り | Ｗｉ（kN） | Ｌｘ（m） | Ｗｉ・Ｌｘ(kN･m) |
|---|---|---|---|
| 又X15 | 15.61 | 21.131 | 329.90 |
| 又X15 | 10.60 | 21.246 | 225.15 |
| 又X15 | 21.03 | 21.551 | 453.13 |
| 又X15 | 10.92 | 21.745 | 237.52 |
| 又X15 | 17.94 | 21.929 | 393.43 |
| 又X16 | 13.79 | 22.056 | 304.11 |
| 又X16 | 0.77 | 22.323 | 17.24 |
| 又X16 | 22.56 | 22.733 | 512.91 |
| 又X16 | 10.83 | 22.844 | 247.28 |
| 又X16 | 2.38 | 22.855 | 54.38 |
| 又X17 | 9.90 | 23.005 | 227.67 |
| 又X17 | 5.39 | 23.405 | 126.22 |
| 又X17 | 2.89 | 23.538 | 68.09 |
| 又X17 | 6.28 | 23.632 | 148.32 |
| 又X17 | 6.50 | 23.714 | 154.21 |
| 又X18 | 14.71 | 23.915 | 351.73 |
| 又X18 | 13.29 | 24.026 | 319.31 |
| 又X18 | 1.67 | 24.293 | 40.63 |
| 又X19 | 8.11 | 24.975 | 202.46 |
| 又X19 | 11.84 | 25.176 | 298.13 |
| 又X19 | 4.60 | 25.430 | 116.84 |
| 又X19 | 21.00 | 25.602 | 537.62 |
| 又X20 | 9.79 | 25.885 | 253.39 |
| 又X20 | 10.50 | 26.390 | 277.00 |
| 又X21 | 9.43 | 26.795 | 252.73 |
| 又X21 | 12.71 | 27.178 | 345.35 |
| 又X21 | 2.89 | 27.250 | 78.62 |
| 又X22 | 8.13 | 27.705 | 225.22 |
| 又 | 8.42 | 28.360 | 238.65 |
| 計 | 2178.80 | | 24878.61 |

Ｏx＝Σ（Wi・Lx）／ΣWi＝24878.61/2178.80＝11.418（m）

(6) ねじれ補正係数の算定と鉛直構面の判定

ねじれ補正係数αは、下式により計算する。

当該方向の偏心率が0.15以下である場合は1

当該方向の偏心率が0.15以上0.30以下の場合は、偏心率より求めた値を採用する（但し、1未満の場合は1）

$$\alpha x = 1 + \frac{\Sigma Dx \cdot ey}{KT} \cdot Y$$

$$\alpha y = 1 + \frac{\Sigma Dy \cdot ex}{KT} \cdot X$$

αx：x方向のねじれ補正係数
αy：y方向のねじれ補正係数
ｅx: y方向の偏心距離(重心と剛心のずれ)
ｅy：x方向の偏心距離(重心と剛心のずれ)
ＫT＝Ｊx＋Ｊy：ねじり剛性
　ΣＤx：x方向の剛性の総和（=Ｋｉ）
　ΣＤy：y方向の剛性の総和（=Ｋｉ）
Ｊx：剛心Ｇを原点とする座標軸Ｘに対する、
　水平剛性Dxの２次モーメント
Ｊy：剛心Ｇを原点とする座標軸Ｙに対する、
　水平剛性Dyの２次モーメント

Ｘ：剛心Ｇから求めようとする列(耐力壁が存在する列)までの距離(Ｙ軸方向の距離)で、重心0の側を正、
　逆側を負とする。
Ｙ：剛心Ｇから求めようとする列(耐力壁が存在する列)までの距離(Ｘ軸方向の距離)で、重心0の側を正、
　逆側を負とする。

また、ｉ階ｊ通りの鉛直構面が負担する水平力は、下式で与えられる。

$$\text{地震時水平力}QEij = \frac{\alpha Eij \cdot Kij}{Ki} \cdot QEi$$

$$\text{風圧時水平力}QWij = \frac{\alpha Wij \cdot Kij}{Ki} \cdot QWi$$

QEij、QWij≦Qaij（鉛直構面の許容せん断耐力）であればＯＫとする。

ここで、それぞれの変数は以下のとおり
　QEi：ｉ階に加わる地震力（kＮ）
　QWi：当該方向に直行する面が受けるｉ階の風圧力（kＮ）
　αEij：ｉ階ｊ通りの地震用ねじれ補正係数
　αWij：ｉ階ｊ通りの風用ねじれ補正係数
　Ｋｉ：ｉ階の当該方向の鉛直構面剛性の和（kＮ/rad）
　Ｋij：ｉ階ｊ通りの鉛直構面の剛性〔耐力要素の剛性の和〕（kＮ/rad）
　Qaij：ｉ階ｊ通りの鉛直構面の許容せん断耐力（kＮ）（耐力要素の許容耐力の単純和）

２階Ｘ＋方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ey | Yi | αEx | QEi | QEij | 検定値 | ey | Yi | αWx | Qwi | Qwij | 検定値 | |
| Ｙ１ | 10433.28 | 1054.79 | 24.90 | 119.55 | 0.232 | 11.42 | 1.000 | 198.03 | 20.02 | 0.80 | 0.232 | 11.42 | 1.000 | 82.72 | 8.36 | 0.34 | OK |
| 又 | 10433.28 | 179.19 | 4.23 | 119.55 | 0.232 | 9.26 | 1.000 | 198.03 | 3.40 | 0.80 | 0.232 | 9.26 | 1.000 | 82.72 | 1.42 | 0.34 | OK |
| 又 | 10433.28 | 162.67 | 3.84 | 119.55 | 0.232 | 8.81 | 1.000 | 198.03 | 3.09 | 0.80 | 0.232 | 8.81 | 1.000 | 82.72 | 1.29 | 0.34 | OK |
| 又 | 10433.28 | 94.46 | 2.23 | 119.55 | 0.232 | 8.64 | 1.000 | 198.03 | 1.79 | 0.80 | 0.232 | 8.64 | 1.000 | 82.72 | 0.75 | 0.34 | OK |
| 又 | 10433.28 | 56.34 | 1.33 | 119.55 | 0.232 | 5.49 | 1.000 | 198.03 | 1.07 | 0.80 | 0.232 | 5.49 | 1.000 | 82.72 | 0.45 | 0.34 | OK |
| 又 | 10433.28 | 94.46 | 2.23 | 119.55 | 0.232 | 4.09 | 1.000 | 198.03 | 1.79 | 0.80 | 0.232 | 4.09 | 1.000 | 82.72 | 0.75 | 0.34 | OK |
| Ｙ３ | 10433.28 | 1719.85 | 40.60 | 119.55 | 0.232 | 3.87 | 1.000 | 198.03 | 32.64 | 0.80 | 0.232 | 3.87 | 1.000 | 82.72 | 13.64 | 0.34 | OK |
| 又Ｙ３ | 10433.28 | 198.25 | 4.68 | 119.55 | 0.232 | 3.37 | 1.000 | 198.03 | 3.76 | 0.80 | 0.232 | 3.37 | 1.000 | 82.72 | 1.57 | 0.34 | OK |
| 又 | 10433.28 | 216.89 | 5.12 | 119.55 | 0.232 | 2.23 | 1.000 | 198.03 | 4.12 | 0.80 | 0.232 | 2.23 | 1.000 | 82.72 | 1.72 | 0.34 | OK |
| 又Ｙ４ | 10433.28 | 452.41 | 10.68 | 119.55 | 0.232 | 1.53 | 1.000 | 198.03 | 8.59 | 0.80 | 0.232 | 1.53 | 1.000 | 82.72 | 3.59 | 0.34 | OK |
| 又Ｙ４ | 10433.28 | 80.49 | 1.90 | 119.55 | 0.232 | 0.70 | 1.000 | 198.03 | 1.53 | 0.80 | 0.232 | 0.70 | 1.000 | 82.72 | 0.64 | 0.34 | OK |
| 又 | 10433.28 | 247.39 | 5.84 | 119.55 | 0.232 | -0.52 | 1.000 | 198.03 | 4.70 | 0.80 | 0.232 | -0.52 | 1.000 | 82.72 | 1.96 | 0.34 | OK |
| 又 | 10433.28 | 108.87 | 2.57 | 119.55 | 0.232 | -0.64 | 1.000 | 198.03 | 2.07 | 0.80 | 0.232 | -0.64 | 1.000 | 82.72 | 0.86 | 0.34 | OK |
| 又 | 10433.28 | 24.99 | 0.59 | 119.55 | 0.232 | -0.98 | 1.000 | 198.03 | 0.47 | 0.80 | 0.232 | -0.98 | 1.000 | 82.72 | 0.20 | 0.34 | OK |
| 又 | 10433.28 | 364.31 | 8.60 | 119.55 | 0.232 | -1.12 | 1.000 | 198.03 | 6.91 | 0.80 | 0.232 | -1.12 | 1.000 | 82.72 | 2.89 | 0.34 | OK |
| 又 | 10433.28 | 247.39 | 5.84 | 119.55 | 0.232 | -1.32 | 1.000 | 198.03 | 4.70 | 0.80 | 0.232 | -1.32 | 1.000 | 82.72 | 1.96 | 0.34 | OK |
| 又 | 10433.28 | 170.29 | 4.02 | 119.55 | 0.232 | -1.77 | 1.000 | 198.03 | 3.23 | 0.80 | 0.232 | -1.77 | 1.000 | 82.72 | 1.35 | 0.34 | OK |
| 又 | 10433.28 | 268.14 | 6.33 | 119.55 | 0.232 | -2.03 | 1.000 | 198.03 | 5.09 | 0.80 | 0.232 | -2.03 | 1.000 | 82.72 | 2.13 | 0.34 | OK |
| Ｙ５ | 10433.28 | 1129.82 | 21.70 | 119.55 | 0.232 | -2.04 | 1.000 | 198.03 | 21.45 | 0.99 | 0.232 | -2.04 | 1.000 | 82.72 | 8.96 | 0.41 | OK |
| 又Ｙ５ | 10433.28 | 80.49 | 1.90 | 119.55 | 0.232 | -2.46 | 1.000 | 198.03 | 1.53 | 0.80 | 0.232 | -2.46 | 1.000 | 82.72 | 0.64 | 0.34 | OK |
| 又Ｙ５ | 10433.28 | 170.29 | 4.02 | 119.55 | 0.232 | -2.68 | 1.000 | 198.03 | 3.23 | 0.80 | 0.232 | -2.68 | 1.000 | 82.72 | 1.35 | 0.34 | OK |
| 又Ｙ５ | 10433.28 | 47.44 | 1.12 | 119.55 | 0.232 | -2.80 | 1.000 | 198.03 | 0.90 | 0.80 | 0.232 | -2.80 | 1.000 | 82.72 | 0.38 | 0.34 | OK |
| 又 | 10433.28 | 196.13 | 4.63 | 119.55 | 0.232 | -3.59 | 1.000 | 198.03 | 3.72 | 0.80 | 0.232 | -3.59 | 1.000 | 82.72 | 1.55 | 0.34 | OK |
| 又 | 10433.28 | 54.65 | 1.29 | 119.55 | 0.232 | -3.81 | 1.000 | 198.03 | 1.04 | 0.80 | 0.232 | -3.81 | 1.000 | 82.72 | 0.43 | 0.34 | OK |
| 又 | 10433.28 | 80.49 | 1.90 | 119.55 | 0.232 | -4.23 | 1.000 | 198.03 | 1.53 | 0.80 | 0.232 | -4.23 | 1.000 | 82.72 | 0.64 | 0.34 | OK |
| 又 | 10433.28 | 41.51 | 0.98 | 119.55 | 0.232 | -4.72 | 1.000 | 198.03 | 0.79 | 0.80 | 0.232 | -4.72 | 1.000 | 82.72 | 0.33 | 0.34 | OK |
| Ｙ６ | 10433.28 | 1423.96 | 27.34 | 119.55 | 0.232 | -4.77 | 1.000 | 198.03 | 27.03 | 0.99 | 0.232 | -4.77 | 1.000 | 82.72 | 11.29 | 0.41 | OK |
| 又 | 10433.28 | 283.82 | 6.70 | 119.55 | 0.232 | -6.32 | 1.000 | 198.03 | 5.39 | 0.80 | 0.232 | -6.32 | 1.000 | 82.72 | 2.25 | 0.34 | OK |
| 又 | 10433.28 | 269.84 | 6.37 | 119.55 | 0.232 | -8.09 | 1.000 | 198.03 | 5.12 | 0.80 | 0.232 | -8.09 | 1.000 | 82.72 | 2.14 | 0.34 | OK |
| Ｙ８ | 10433.28 | 913.66 | 20.84 | 119.55 | 0.232 | -8.87 | 1.000 | 198.03 | 17.34 | 0.83 | 0.232 | -8.87 | 1.000 | 82.72 | 7.24 | 0.35 | OK |

２階Ｘ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ey | Yi | αEx | QEi | QEij | 検定値 | ey | Yi | αWx | Qwi | Qwij | 検定値 | |
| Ｙ１ | 10440.17 | 1136.55 | 26.83 | 119.77 | 0.183 | 11.37 | 1.000 | 198.03 | 21.56 | 0.80 | 0.183 | 11.37 | 1.000 | 82.72 | 9.00 | 0.34 | OK |
| 又 | 10440.17 | 179.19 | 4.23 | 119.77 | 0.183 | 9.21 | 1.000 | 198.03 | 3.40 | 0.80 | 0.183 | 9.21 | 1.000 | 82.72 | 1.42 | 0.34 | OK |
| 又 | 10440.17 | 97.85 | 2.31 | 119.77 | 0.183 | 8.76 | 1.000 | 198.03 | 1.86 | 0.80 | 0.183 | 8.76 | 1.000 | 82.72 | 0.78 | 0.34 | OK |
| 又 | 10440.17 | 56.34 | 1.33 | 119.77 | 0.183 | 8.59 | 1.000 | 198.03 | 1.07 | 0.80 | 0.183 | 8.59 | 1.000 | 82.72 | 0.45 | 0.34 | OK |
| 又 | 10440.17 | 94.46 | 2.23 | 119.77 | 0.183 | 5.44 | 1.000 | 198.03 | 1.79 | 0.80 | 0.183 | 5.44 | 1.000 | 82.72 | 0.75 | 0.34 | OK |
| 又 | 10440.17 | 56.34 | 1.33 | 119.77 | 0.183 | 4.04 | 1.000 | 198.03 | 1.07 | 0.80 | 0.183 | 4.04 | 1.000 | 82.72 | 0.45 | 0.34 | OK |
| Ｙ３ | 10440.17 | 1832.53 | 43.26 | 119.77 | 0.183 | 3.82 | 1.000 | 198.03 | 34.76 | 0.80 | 0.183 | 3.82 | 1.000 | 82.72 | 14.52 | 0.34 | OK |
| 又Ｙ３ | 10440.17 | 118.61 | 2.80 | 119.77 | 0.183 | 3.32 | 1.000 | 198.03 | 2.25 | 0.80 | 0.183 | 3.32 | 1.000 | 82.72 | 0.94 | 0.34 | OK |
| 又 | 10440.17 | 129.62 | 3.06 | 119.77 | 0.183 | 2.18 | 1.000 | 198.03 | 2.46 | 0.80 | 0.183 | 2.18 | 1.000 | 82.72 | 1.03 | 0.34 | OK |
| 又Ｙ４ | 10440.17 | 452.41 | 10.68 | 119.77 | 0.183 | 1.48 | 1.000 | 198.03 | 8.58 | 0.80 | 0.183 | 1.48 | 1.000 | 82.72 | 3.58 | 0.34 | OK |
| 又Ｙ４ | 10440.17 | 80.49 | 1.90 | 119.77 | 0.183 | 0.65 | 1.000 | 198.03 | 1.53 | 0.80 | 0.183 | 0.65 | 1.000 | 82.72 | 0.64 | 0.34 | OK |
| 又 | 10440.17 | 247.39 | 5.84 | 119.77 | 0.183 | -0.57 | 1.000 | 198.03 | 4.69 | 0.80 | 0.183 | -0.57 | 1.000 | 82.72 | 1.96 | 0.34 | OK |
| 又 | 10440.17 | 108.87 | 2.57 | 119.77 | 0.183 | -0.69 | 1.000 | 198.03 | 2.07 | 0.80 | 0.183 | -0.69 | 1.000 | 82.72 | 0.86 | 0.34 | OK |
| 又 | 10440.17 | 42.36 | 1.00 | 119.77 | 0.183 | -1.03 | 1.000 | 198.03 | 0.80 | 0.80 | 0.183 | -1.03 | 1.000 | 82.72 | 0.34 | 0.34 | OK |
| 又 | 10440.17 | 364.31 | 8.60 | 119.77 | 0.183 | -1.17 | 1.000 | 198.03 | 6.91 | 0.80 | 0.183 | -1.17 | 1.000 | 82.72 | 2.89 | 0.34 | OK |
| 又 | 10440.17 | 247.39 | 5.84 | 119.77 | 0.183 | -1.37 | 1.000 | 198.03 | 4.69 | 0.80 | 0.183 | -1.37 | 1.000 | 82.72 | 1.96 | 0.34 | OK |
| 又 | 10440.17 | 283.82 | 6.70 | 119.77 | 0.183 | -1.82 | 1.000 | 198.03 | 5.38 | 0.80 | 0.183 | -1.82 | 1.000 | 82.72 | 2.25 | 0.34 | OK |
| 又 | 10440.17 | 268.14 | 6.33 | 119.77 | 0.183 | -2.08 | 1.000 | 198.03 | 5.09 | 0.80 | 0.183 | -2.08 | 1.000 | 82.72 | 2.12 | 0.34 | OK |
| Ｙ５ | 10440.17 | 1129.82 | 21.70 | 119.77 | 0.183 | -2.09 | 1.000 | 198.03 | 21.43 | 0.99 | 0.183 | -2.09 | 1.000 | 82.72 | 8.95 | 0.41 | OK |
| 又Ｙ５ | 10440.17 | 80.49 | 1.90 | 119.77 | 0.183 | -2.51 | 1.000 | 198.03 | 1.53 | 0.80 | 0.183 | -2.51 | 1.000 | 82.72 | 0.64 | 0.34 | OK |
| 又Ｙ５ | 10440.17 | 283.82 | 6.70 | 119.77 | 0.183 | -2.73 | 1.000 | 198.03 | 5.38 | 0.80 | 0.183 | -2.73 | 1.000 | 82.72 | 2.25 | 0.34 | OK |
| 又Ｙ５ | 10440.17 | 47.44 | 1.12 | 119.77 | 0.183 | -2.85 | 1.000 | 198.03 | 0.90 | 0.80 | 0.183 | -2.85 | 1.000 | 82.72 | 0.38 | 0.34 | OK |
| 又 | 10440.17 | 116.92 | 2.76 | 119.77 | 0.183 | -3.64 | 1.000 | 198.03 | 2.22 | 0.80 | 0.183 | -3.64 | 1.000 | 82.72 | 0.93 | 0.34 | OK |
| 又 | 10440.17 | 54.65 | 1.29 | 119.77 | 0.183 | -3.86 | 1.000 | 198.03 | 1.04 | 0.80 | 0.183 | -3.86 | 1.000 | 82.72 | 0.43 | 0.34 | OK |

２階Ｘ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ey | Yi | αEx | QEi | QEij | 検定値 | ey | Yi | αWx | Qwi | Qwij | 検定値 | |
| 又 | 10440.17 | 80.49 | 1.90 | 119.77 | 0.183 | -4.28 | 1.000 | 198.03 | 1.53 | 0.80 | 0.183 | -4.28 | 1.000 | 82.72 | 0.64 | 0.34 | OK |
| 又 | 10440.17 | 41.51 | 0.98 | 119.77 | 0.183 | -4.77 | 1.000 | 198.03 | 0.79 | 0.80 | 0.183 | -4.77 | 1.000 | 82.72 | 0.33 | 0.34 | OK |
| Ｙ６ | 10440.17 | 1423.96 | 27.34 | 119.77 | 0.183 | -4.82 | 1.000 | 198.03 | 27.01 | 0.99 | 0.183 | -4.82 | 1.000 | 82.72 | 11.28 | 0.41 | OK |
| 又 | 10440.17 | 283.82 | 6.70 | 119.77 | 0.183 | -6.37 | 1.000 | 198.03 | 5.38 | 0.80 | 0.183 | -6.37 | 1.000 | 82.72 | 2.25 | 0.34 | OK |
| 又 | 10440.17 | 218.16 | 5.15 | 119.77 | 0.183 | -8.14 | 1.000 | 198.03 | 4.14 | 0.80 | 0.183 | -8.14 | 1.000 | 82.72 | 1.73 | 0.34 | OK |
| Ｙ８ | 10440.17 | 882.42 | 20.32 | 119.77 | 0.183 | -8.92 | 1.000 | 198.03 | 16.74 | 0.82 | 0.183 | -8.92 | 1.000 | 82.72 | 6.99 | 0.34 | OK |

２階Ｙ＋方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| Ｘ０ | 11626.73 | 2798.07 | 57.24 | 131.02 | 0.738 | 11.27 | 1.000 | 198.03 | 47.66 | 0.83 | 0.738 | 11.27 | 1.000 | 129.08 | 31.06 | 0.54 | OK |
| Ｘ２ | 11626.73 | 156.20 | 3.00 | 131.02 | 0.738 | 7.97 | 1.000 | 198.03 | 2.66 | 0.89 | 0.738 | 7.97 | 1.000 | 129.08 | 1.73 | 0.58 | OK |
| Ｘ３ | 11626.73 | 668.52 | 12.84 | 131.02 | 0.738 | 7.06 | 1.000 | 198.03 | 11.39 | 0.89 | 0.738 | 7.06 | 1.000 | 129.08 | 7.42 | 0.58 | OK |
| Ｘ５ | 11626.73 | 2173.40 | 46.06 | 131.02 | 0.738 | 3.86 | 1.000 | 198.03 | 37.02 | 0.80 | 0.738 | 3.86 | 1.000 | 129.08 | 24.13 | 0.52 | OK |
| 又Ｘ７ | 11626.73 | 377.86 | 8.92 | 131.02 | 0.738 | -2.06 | 1.000 | 198.03 | 6.44 | 0.72 | 0.738 | -2.06 | 1.000 | 129.08 | 4.19 | 0.47 | OK |
| Ｘ８ | 11626.73 | 643.46 | 15.19 | 131.02 | 0.738 | -3.56 | 1.000 | 198.03 | 10.96 | 0.72 | 0.738 | -3.56 | 1.000 | 129.08 | 7.14 | 0.47 | OK |
| Ｘ９ | 11626.73 | 1185.68 | 27.99 | 131.02 | 0.738 | -4.33 | 1.000 | 198.03 | 20.20 | 0.72 | 0.738 | -4.33 | 1.000 | 129.08 | 13.16 | 0.47 | OK |
| X10 | 11626.73 | 331.27 | 7.82 | 131.02 | 0.738 | -5.24 | 1.000 | 198.03 | 5.64 | 0.72 | 0.738 | -5.24 | 1.000 | 129.08 | 3.68 | 0.47 | OK |
| 又X10 | 11626.73 | 24.99 | 0.59 | 131.02 | 0.738 | -5.35 | 1.000 | 198.03 | 0.43 | 0.72 | 0.738 | -5.35 | 1.000 | 129.08 | 0.28 | 0.47 | OK |
| 又X10 | 11626.73 | 82.18 | 1.94 | 131.02 | 0.738 | -5.71 | 1.000 | 198.03 | 1.40 | 0.72 | 0.738 | -5.71 | 1.000 | 129.08 | 0.91 | 0.47 | OK |
| 又X10 | 11626.73 | 32.19 | 0.76 | 131.02 | 0.738 | -5.87 | 1.000 | 198.03 | 0.55 | 0.72 | 0.738 | -5.87 | 1.000 | 129.08 | 0.36 | 0.47 | OK |
| 又X11 | 11626.73 | 94.46 | 2.23 | 131.02 | 0.738 | -6.73 | 1.000 | 198.03 | 1.61 | 0.72 | 0.738 | -6.73 | 1.000 | 129.08 | 1.05 | 0.47 | OK |
| 又X11 | 11626.73 | 47.44 | 1.12 | 131.02 | 0.738 | -6.78 | 1.000 | 198.03 | 0.81 | 0.72 | 0.738 | -6.78 | 1.000 | 129.08 | 0.53 | 0.47 | OK |
| 又X11 | 11626.73 | 47.44 | 1.12 | 131.02 | 0.738 | -6.93 | 1.000 | 198.03 | 0.81 | 0.72 | 0.738 | -6.93 | 1.000 | 129.08 | 0.53 | 0.47 | OK |
| 又X12 | 11626.73 | 151.23 | 3.57 | 131.02 | 0.738 | -7.69 | 1.000 | 198.03 | 2.58 | 0.72 | 0.738 | -7.69 | 1.000 | 129.08 | 1.68 | 0.47 | OK |
| 又X12 | 11626.73 | 112.26 | 2.65 | 131.02 | 0.738 | -7.93 | 1.000 | 198.03 | 1.91 | 0.72 | 0.738 | -7.93 | 1.000 | 129.08 | 1.25 | 0.47 | OK |
| 又X13 | 11626.73 | 283.82 | 6.70 | 131.02 | 0.738 | -8.84 | 1.000 | 198.03 | 4.83 | 0.72 | 0.738 | -8.84 | 1.000 | 129.08 | 3.15 | 0.47 | OK |
| 又X14 | 11626.73 | 241.46 | 5.70 | 131.02 | 0.738 | -9.08 | 1.000 | 198.03 | 4.11 | 0.72 | 0.738 | -9.08 | 1.000 | 129.08 | 2.68 | 0.47 | OK |
| 又X14 | 11626.73 | 43.21 | 1.02 | 131.02 | 0.738 | -9.27 | 1.000 | 198.03 | 0.74 | 0.72 | 0.738 | -9.27 | 1.000 | 129.08 | 0.48 | 0.47 | OK |
| 又X15 | 11626.73 | 241.46 | 5.70 | 131.02 | 0.738 | -9.86 | 1.000 | 198.03 | 4.11 | 0.72 | 0.738 | -9.86 | 1.000 | 129.08 | 2.68 | 0.47 | OK |
| 又X15 | 11626.73 | 163.51 | 3.86 | 131.02 | 0.738 | -10.38 | 1.000 | 198.03 | 2.79 | 0.72 | 0.738 | -10.38 | 1.000 | 129.08 | 1.82 | 0.47 | OK |
| 又X15 | 11626.73 | 170.29 | 4.02 | 131.02 | 0.738 | -10.66 | 1.000 | 198.03 | 2.90 | 0.72 | 0.738 | -10.66 | 1.000 | 129.08 | 1.89 | 0.47 | OK |
| 又X16 | 11626.73 | 219.00 | 5.17 | 131.02 | 0.738 | -10.78 | 1.000 | 198.03 | 3.73 | 0.72 | 0.738 | -10.78 | 1.000 | 129.08 | 2.43 | 0.47 | OK |
| 又X16 | 11626.73 | 39.82 | 0.94 | 131.02 | 0.738 | -11.34 | 1.000 | 198.03 | 0.68 | 0.72 | 0.738 | -11.34 | 1.000 | 129.08 | 0.44 | 0.47 | OK |
| 又X17 | 11626.73 | 241.46 | 5.70 | 131.02 | 0.738 | -12.24 | 1.000 | 198.03 | 4.11 | 0.72 | 0.738 | -12.24 | 1.000 | 129.08 | 2.68 | 0.47 | OK |
| 又X18 | 11626.73 | 38.97 | 0.92 | 131.02 | 0.738 | -12.85 | 1.000 | 198.03 | 0.66 | 0.72 | 0.738 | -12.85 | 1.000 | 129.08 | 0.43 | 0.47 | OK |
| 又X18 | 11626.73 | 326.18 | 7.70 | 131.02 | 0.738 | -13.28 | 1.000 | 198.03 | 5.56 | 0.72 | 0.738 | -13.28 | 1.000 | 129.08 | 3.62 | 0.47 | OK |
| 又X19 | 11626.73 | 236.37 | 5.58 | 131.02 | 0.738 | -13.94 | 1.000 | 198.03 | 4.03 | 0.72 | 0.738 | -13.94 | 1.000 | 129.08 | 2.62 | 0.47 | OK |
| 又X20 | 11626.73 | 283.82 | 6.70 | 131.02 | 0.738 | -14.61 | 1.000 | 198.03 | 4.83 | 0.72 | 0.738 | -14.61 | 1.000 | 129.08 | 3.15 | 0.47 | OK |
| 又X21 | 11626.73 | 94.46 | 2.23 | 131.02 | 0.738 | -15.51 | 1.000 | 198.03 | 1.61 | 0.72 | 0.738 | -15.51 | 1.000 | 129.08 | 1.05 | 0.47 | OK |
| 又 | 11626.73 | 76.25 | 1.80 | 131.02 | 0.738 | -17.09 | 1.000 | 198.03 | 1.30 | 0.72 | 0.738 | -17.09 | 1.000 | 129.08 | 0.85 | 0.47 | OK |

２階Ｙ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| Ｘ０ | 11743.08 | 2967.45 | 60.55 | 131.80 | 0.539 | 11.07 | 1.000 | 198.03 | 50.04 | 0.83 | 0.539 | 11.07 | 1.000 | 129.08 | 32.62 | 0.54 | OK |
| Ｘ２ | 11743.08 | 156.20 | 3.00 | 131.80 | 0.539 | 7.77 | 1.000 | 198.03 | 2.63 | 0.88 | 0.539 | 7.77 | 1.000 | 129.08 | 1.72 | 0.57 | OK |
| Ｘ３ | 11743.08 | 668.52 | 12.84 | 131.80 | 0.539 | 6.86 | 1.000 | 198.03 | 11.27 | 0.88 | 0.539 | 6.86 | 1.000 | 129.08 | 7.35 | 0.57 | OK |
| Ｘ５ | 11743.08 | 2137.72 | 44.71 | 131.80 | 0.539 | 3.66 | 1.000 | 198.03 | 36.05 | 0.81 | 0.539 | 3.66 | 1.000 | 129.08 | 23.50 | 0.53 | OK |
| 又Ｘ７ | 11743.08 | 377.86 | 8.92 | 131.80 | 0.539 | -2.26 | 1.000 | 198.03 | 6.37 | 0.71 | 0.539 | -2.26 | 1.000 | 129.08 | 4.15 | 0.47 | OK |
| Ｘ８ | 11743.08 | 643.46 | 15.19 | 131.80 | 0.539 | -3.76 | 1.000 | 198.03 | 10.85 | 0.71 | 0.539 | -3.76 | 1.000 | 129.08 | 7.07 | 0.47 | OK |
| Ｘ９ | 11743.08 | 1185.68 | 27.99 | 131.80 | 0.539 | -4.53 | 1.000 | 198.03 | 20.00 | 0.71 | 0.539 | -4.53 | 1.000 | 129.08 | 13.03 | 0.47 | OK |
| X10 | 11743.08 | 331.27 | 7.82 | 131.80 | 0.539 | -5.44 | 1.000 | 198.03 | 5.59 | 0.71 | 0.539 | -5.44 | 1.000 | 129.08 | 3.64 | 0.47 | OK |
| 又X10 | 11743.08 | 42.36 | 1.00 | 131.80 | 0.539 | -5.55 | 1.000 | 198.03 | 0.71 | 0.71 | 0.539 | -5.55 | 1.000 | 129.08 | 0.47 | 0.47 | OK |
| 又X10 | 11743.08 | 82.18 | 1.94 | 131.80 | 0.539 | -5.91 | 1.000 | 198.03 | 1.39 | 0.71 | 0.539 | -5.91 | 1.000 | 129.08 | 0.90 | 0.47 | OK |
| 又X10 | 11743.08 | 53.80 | 1.27 | 131.80 | 0.539 | -6.07 | 1.000 | 198.03 | 0.91 | 0.71 | 0.539 | -6.07 | 1.000 | 129.08 | 0.59 | 0.47 | OK |
| 又X11 | 11743.08 | 94.46 | 2.23 | 131.80 | 0.539 | -6.93 | 1.000 | 198.03 | 1.59 | 0.71 | 0.539 | -6.93 | 1.000 | 129.08 | 1.04 | 0.47 | OK |
| 又X11 | 11743.08 | 47.44 | 1.12 | 131.80 | 0.539 | -6.98 | 1.000 | 198.03 | 0.80 | 0.71 | 0.539 | -6.98 | 1.000 | 129.08 | 0.52 | 0.47 | OK |

２階Ｙ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| 又X11 | 11743.08 | 47.44 | 1.12 | 131.80 | 0.539 | -7.13 | 1.000 | 198.03 | 0.80 | 0.71 | 0.539 | -7.13 | 1.000 | 129.08 | 0.52 | 0.47 | OK |
| 又X12 | 11743.08 | 151.23 | 3.57 | 131.80 | 0.539 | -7.89 | 1.000 | 198.03 | 2.55 | 0.71 | 0.539 | -7.89 | 1.000 | 129.08 | 1.66 | 0.47 | OK |
| 又X12 | 11743.08 | 112.26 | 2.65 | 131.80 | 0.539 | -8.13 | 1.000 | 198.03 | 1.89 | 0.71 | 0.539 | -8.13 | 1.000 | 129.08 | 1.23 | 0.47 | OK |
| 又X13 | 11743.08 | 170.29 | 4.02 | 131.80 | 0.539 | -9.04 | 1.000 | 198.03 | 2.87 | 0.71 | 0.539 | -9.04 | 1.000 | 129.08 | 1.87 | 0.47 | OK |
| 又X14 | 11743.08 | 241.46 | 5.70 | 131.80 | 0.539 | -9.28 | 1.000 | 198.03 | 4.07 | 0.71 | 0.539 | -9.28 | 1.000 | 129.08 | 2.65 | 0.47 | OK |
| 又X14 | 11743.08 | 72.44 | 1.71 | 131.80 | 0.539 | -9.47 | 1.000 | 198.03 | 1.22 | 0.71 | 0.539 | -9.47 | 1.000 | 129.08 | 0.80 | 0.47 | OK |
| 又X15 | 11743.08 | 241.46 | 5.70 | 131.80 | 0.539 | -10.06 | 1.000 | 198.03 | 4.07 | 0.71 | 0.539 | -10.06 | 1.000 | 129.08 | 2.65 | 0.47 | OK |
| 又X15 | 11743.08 | 163.51 | 3.86 | 131.80 | 0.539 | -10.58 | 1.000 | 198.03 | 2.76 | 0.71 | 0.539 | -10.58 | 1.000 | 129.08 | 1.80 | 0.47 | OK |
| 又X15 | 11743.08 | 283.82 | 6.70 | 131.80 | 0.539 | -10.86 | 1.000 | 198.03 | 4.79 | 0.71 | 0.539 | -10.86 | 1.000 | 129.08 | 3.12 | 0.47 | OK |
| 又X16 | 11743.08 | 219.00 | 5.17 | 131.80 | 0.539 | -10.98 | 1.000 | 198.03 | 3.69 | 0.71 | 0.539 | -10.98 | 1.000 | 129.08 | 2.41 | 0.47 | OK |
| 又X16 | 11743.08 | 66.51 | 1.57 | 131.80 | 0.539 | -11.54 | 1.000 | 198.03 | 1.12 | 0.71 | 0.539 | -11.54 | 1.000 | 129.08 | 0.73 | 0.47 | OK |
| 又X17 | 11743.08 | 241.46 | 5.70 | 131.80 | 0.539 | -12.44 | 1.000 | 198.03 | 4.07 | 0.71 | 0.539 | -12.44 | 1.000 | 129.08 | 2.65 | 0.47 | OK |
| 又X18 | 11743.08 | 64.81 | 1.53 | 131.80 | 0.539 | -13.05 | 1.000 | 198.03 | 1.09 | 0.71 | 0.539 | -13.05 | 1.000 | 129.08 | 0.71 | 0.47 | OK |
| 又X18 | 11743.08 | 326.18 | 7.70 | 131.80 | 0.539 | -13.48 | 1.000 | 198.03 | 5.50 | 0.71 | 0.539 | -13.48 | 1.000 | 129.08 | 3.59 | 0.47 | OK |
| 又X19 | 11743.08 | 198.25 | 4.68 | 131.80 | 0.539 | -14.14 | 1.000 | 198.03 | 3.34 | 0.71 | 0.539 | -14.14 | 1.000 | 129.08 | 2.18 | 0.47 | OK |
| 又X20 | 11743.08 | 170.29 | 4.02 | 131.80 | 0.539 | -14.81 | 1.000 | 198.03 | 2.87 | 0.71 | 0.539 | -14.81 | 1.000 | 129.08 | 1.87 | 0.47 | OK |
| 又X21 | 11743.08 | 56.34 | 1.33 | 131.80 | 0.539 | -15.71 | 1.000 | 198.03 | 0.95 | 0.71 | 0.539 | -15.71 | 1.000 | 129.08 | 0.62 | 0.47 | OK |
| 又 | 11743.08 | 127.93 | 3.02 | 131.80 | 0.539 | -17.29 | 1.000 | 198.03 | 2.16 | 0.71 | 0.539 | -17.29 | 1.000 | 129.08 | 1.41 | 0.47 | OK |

１階Ｘ＋方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ey | Yi | αEx | QEi | QEij | 検定値 | ey | Yi | αWx | Qwi | Qwij | 検定値 | |
| Ｙ０ | 17791.56 | 1868.12 | 46.13 | 227.72 | 0.199 | -11.53 | 1.000 | 433.57 | 45.53 | 0.99 | 0.199 | -11.53 | 1.000 | 170.63 | 17.92 | 0.39 | OK |
| 又 | 17791.56 | 225.97 | 5.58 | 227.72 | 0.199 | -9.23 | 1.000 | 433.57 | 5.51 | 0.99 | 0.199 | -9.23 | 1.000 | 170.63 | 2.17 | 0.39 | OK |
| 又 | 17791.56 | 135.66 | 3.35 | 227.72 | 0.199 | -8.77 | 1.000 | 433.57 | 3.31 | 0.99 | 0.199 | -8.77 | 1.000 | 170.63 | 1.30 | 0.39 | OK |
| 又 | 17791.56 | 90.31 | 2.23 | 227.72 | 0.199 | -7.65 | 1.000 | 433.57 | 2.20 | 0.99 | 0.199 | -7.65 | 1.000 | 170.63 | 0.87 | 0.39 | OK |
| Ｙ２ | 17791.56 | 2281.18 | 56.33 | 227.72 | 0.199 | -5.61 | 1.000 | 433.57 | 55.59 | 0.99 | 0.199 | -5.61 | 1.000 | 170.63 | 21.88 | 0.39 | OK |
| 又 | 17791.56 | 67.63 | 1.67 | 227.72 | 0.199 | -4.10 | 1.000 | 433.57 | 1.65 | 0.99 | 0.199 | -4.10 | 1.000 | 170.63 | 0.65 | 0.39 | OK |
| 又 | 17791.56 | 40.50 | 1.00 | 227.72 | 0.199 | -3.46 | 1.000 | 433.57 | 0.99 | 0.99 | 0.199 | -3.46 | 1.000 | 170.63 | 0.39 | 0.39 | OK |
| 又 | 17791.56 | 61.96 | 1.53 | 227.72 | 0.199 | -3.10 | 1.000 | 433.57 | 1.51 | 0.99 | 0.199 | -3.10 | 1.000 | 170.63 | 0.59 | 0.39 | OK |
| Ｙ３ | 17791.56 | 2823.83 | 69.73 | 227.72 | 0.199 | -2.88 | 1.000 | 433.57 | 68.82 | 0.99 | 0.199 | -2.88 | 1.000 | 170.63 | 27.08 | 0.39 | OK |
| 又Ｙ３ | 17791.56 | 108.94 | 2.69 | 227.72 | 0.199 | -2.42 | 1.000 | 433.57 | 2.65 | 0.99 | 0.199 | -2.42 | 1.000 | 170.63 | 1.04 | 0.39 | OK |
| 又Ｙ３ | 17791.56 | 61.96 | 1.53 | 227.72 | 0.199 | -2.32 | 1.000 | 433.57 | 1.51 | 0.99 | 0.199 | -2.32 | 1.000 | 170.63 | 0.59 | 0.39 | OK |
| 又 | 17791.56 | 216.66 | 5.35 | 227.72 | 0.199 | -1.97 | 1.000 | 433.57 | 5.28 | 0.99 | 0.199 | -1.97 | 1.000 | 170.63 | 2.08 | 0.39 | OK |
| 又 | 17791.56 | 493.66 | 12.19 | 227.72 | 0.199 | -1.24 | 1.000 | 433.57 | 12.03 | 0.99 | 0.199 | -1.24 | 1.000 | 170.63 | 4.73 | 0.39 | OK |
| 又 | 17791.56 | 122.30 | 3.02 | 227.72 | 0.199 | -1.12 | 1.000 | 433.57 | 2.98 | 0.99 | 0.199 | -1.12 | 1.000 | 170.63 | 1.17 | 0.39 | OK |
| Ｙ４ | 17791.56 | 311.42 | 7.69 | 227.72 | 0.199 | -0.61 | 1.000 | 433.57 | 7.59 | 0.99 | 0.199 | -0.61 | 1.000 | 170.63 | 2.99 | 0.39 | OK |
| 又Ｙ４ | 17791.56 | 321.54 | 7.94 | 227.72 | 0.199 | -0.60 | 1.000 | 433.57 | 7.84 | 0.99 | 0.199 | -0.60 | 1.000 | 170.63 | 3.08 | 0.39 | OK |
| 又Ｙ４ | 17791.56 | 324.78 | 8.02 | 227.72 | 0.199 | -0.39 | 1.000 | 433.57 | 7.91 | 0.99 | 0.199 | -0.39 | 1.000 | 170.63 | 3.11 | 0.39 | OK |
| 又Ｙ４ | 17791.56 | 321.54 | 7.94 | 227.72 | 0.199 | -0.15 | 1.000 | 433.57 | 7.84 | 0.99 | 0.199 | -0.15 | 1.000 | 170.63 | 3.08 | 0.39 | OK |
| 又Ｙ４ | 17791.56 | 45.36 | 1.12 | 227.72 | 0.199 | 0.05 | 1.000 | 433.57 | 1.11 | 0.99 | 0.199 | 0.05 | 1.000 | 170.63 | 0.44 | 0.39 | OK |
| 又Ｙ４ | 17791.56 | 324.78 | 8.02 | 227.72 | 0.199 | 0.29 | 1.000 | 433.57 | 7.91 | 0.99 | 0.199 | 0.29 | 1.000 | 170.63 | 3.11 | 0.39 | OK |
| 又 | 17791.56 | 90.72 | 2.24 | 227.72 | 0.199 | 0.84 | 1.000 | 433.57 | 2.21 | 0.99 | 0.199 | 0.84 | 1.000 | 170.63 | 0.87 | 0.39 | OK |
| 又 | 17791.56 | 541.44 | 13.37 | 227.72 | 0.199 | 0.97 | 1.000 | 433.57 | 13.19 | 0.99 | 0.199 | 0.97 | 1.000 | 170.63 | 5.19 | 0.39 | OK |
| 又 | 17791.56 | 324.78 | 8.02 | 227.72 | 0.199 | 1.45 | 1.000 | 433.57 | 7.91 | 0.99 | 0.199 | 1.45 | 1.000 | 170.63 | 3.11 | 0.39 | OK |
| 又 | 17791.56 | 45.36 | 1.12 | 227.72 | 0.199 | 1.62 | 1.000 | 433.57 | 1.11 | 0.99 | 0.199 | 1.62 | 1.000 | 170.63 | 0.44 | 0.39 | OK |
| 又 | 17791.56 | 749.19 | 18.50 | 227.72 | 0.199 | 2.31 | 1.000 | 433.57 | 18.26 | 0.99 | 0.199 | 2.31 | 1.000 | 170.63 | 7.19 | 0.39 | OK |
| 又Ｙ５ | 17791.56 | 186.69 | 4.61 | 227.72 | 0.199 | 3.44 | 1.000 | 433.57 | 4.55 | 0.99 | 0.199 | 3.44 | 1.000 | 170.63 | 1.79 | 0.39 | OK |
| 又Ｙ５ | 17791.56 | 362.04 | 8.94 | 227.72 | 0.199 | 3.89 | 1.000 | 433.57 | 8.82 | 0.99 | 0.199 | 3.89 | 1.000 | 170.63 | 3.47 | 0.39 | OK |
| 又Ｙ５ | 17791.56 | 186.69 | 4.61 | 227.72 | 0.199 | 3.90 | 1.000 | 433.57 | 4.55 | 0.99 | 0.199 | 3.90 | 1.000 | 170.63 | 1.79 | 0.39 | OK |
| 又 | 17791.56 | 91.93 | 2.27 | 227.72 | 0.199 | 4.80 | 1.000 | 433.57 | 2.24 | 0.99 | 0.199 | 4.80 | 1.000 | 170.63 | 0.88 | 0.39 | OK |
| 又 | 17791.56 | 375.40 | 9.27 | 227.72 | 0.199 | 5.22 | 1.000 | 433.57 | 9.15 | 0.99 | 0.199 | 5.22 | 1.000 | 170.63 | 3.60 | 0.39 | OK |
| 又 | 17791.56 | 186.69 | 4.61 | 227.72 | 0.199 | 5.49 | 1.000 | 433.57 | 4.55 | 0.99 | 0.199 | 5.49 | 1.000 | 170.63 | 1.79 | 0.39 | OK |
| 又Ｙ６ | 17791.56 | 186.69 | 4.61 | 227.72 | 0.199 | 5.94 | 1.000 | 433.57 | 4.55 | 0.99 | 0.199 | 5.94 | 1.000 | 170.63 | 1.79 | 0.39 | OK |
| 又 | 17791.56 | 74.51 | 1.84 | 227.72 | 0.199 | 6.87 | 1.000 | 433.57 | 1.82 | 0.99 | 0.199 | 6.87 | 1.000 | 170.63 | 0.71 | 0.39 | OK |
| Ｙ７ | 17791.56 | 1022.68 | 29.76 | 227.72 | 0.199 | 7.58 | 1.000 | 433.57 | 24.92 | 0.84 | 0.199 | 7.58 | 1.000 | 170.63 | 9.81 | 0.33 | OK |
| 又Ｙ７ | 17791.56 | 69.65 | 1.72 | 227.72 | 0.199 | 7.71 | 1.000 | 433.57 | 1.70 | 0.99 | 0.199 | 7.71 | 1.000 | 170.63 | 0.67 | 0.39 | OK |
| 又 | 17791.56 | 186.69 | 4.61 | 227.72 | 0.199 | 9.08 | 1.000 | 433.57 | 4.55 | 0.99 | 0.199 | 9.08 | 1.000 | 170.63 | 1.79 | 0.39 | OK |

１階Ｘ＋方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ey | Yi | αEx | QEi | QEij | 検定値 | ey | Yi | αWx | Qwi | Qwij | 検定値 | |
| 又 | 17791.56 | 135.66 | 3.35 | 227.72 | 0.199 | 9.53 | 1.000 | 433.57 | 3.31 | 0.99 | 0.199 | 9.53 | 1.000 | 170.63 | 1.30 | 0.39 | OK |
| Ｙ８ | 17791.56 | 2147.95 | 53.04 | 227.72 | 0.199 | 9.86 | 1.000 | 433.57 | 52.34 | 0.99 | 0.199 | 9.86 | 1.000 | 170.63 | 20.60 | 0.39 | OK |
| Ｙ９ | 17791.56 | 578.70 | 16.84 | 227.72 | 0.199 | 10.31 | 1.000 | 433.57 | 14.10 | 0.84 | 0.199 | 10.31 | 1.000 | 170.63 | 5.55 | 0.33 | OK |

１階Ｘ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ey | Yi | αEx | QEi | QEij | 検定値 | ey | Yi | αWx | Qwi | Qwij | 検定値 | |
| Ｙ０ | 18057.16 | 1868.12 | 46.13 | 231.63 | 0.053 | -11.68 | 1.000 | 433.57 | 44.86 | 0.97 | 0.053 | -11.68 | 1.000 | 170.63 | 17.65 | 0.38 | OK |
| 又 | 18057.16 | 225.97 | 5.58 | 231.63 | 0.053 | -9.37 | 1.000 | 433.57 | 5.43 | 0.97 | 0.053 | -9.37 | 1.000 | 170.63 | 2.14 | 0.38 | OK |
| 又 | 18057.16 | 135.66 | 3.35 | 231.63 | 0.053 | -8.92 | 1.000 | 433.57 | 3.26 | 0.97 | 0.053 | -8.92 | 1.000 | 170.63 | 1.28 | 0.38 | OK |
| 又 | 18057.16 | 90.31 | 2.23 | 231.63 | 0.053 | -7.80 | 1.000 | 433.57 | 2.17 | 0.97 | 0.053 | -7.80 | 1.000 | 170.63 | 0.85 | 0.38 | OK |
| Ｙ２ | 18057.16 | 2281.18 | 56.33 | 231.63 | 0.053 | -5.76 | 1.000 | 433.57 | 54.77 | 0.97 | 0.053 | -5.76 | 1.000 | 170.63 | 21.56 | 0.38 | OK |
| 又 | 18057.16 | 40.50 | 1.00 | 231.63 | 0.053 | -4.25 | 1.000 | 433.57 | 0.97 | 0.97 | 0.053 | -4.25 | 1.000 | 170.63 | 0.38 | 0.38 | OK |
| 又 | 18057.16 | 67.63 | 1.67 | 231.63 | 0.053 | -3.60 | 1.000 | 433.57 | 1.62 | 0.97 | 0.053 | -3.60 | 1.000 | 170.63 | 0.64 | 0.38 | OK |
| 又 | 18057.16 | 61.96 | 1.53 | 231.63 | 0.053 | -3.25 | 1.000 | 433.57 | 1.49 | 0.97 | 0.053 | -3.25 | 1.000 | 170.63 | 0.59 | 0.38 | OK |
| Ｙ３ | 18057.16 | 2823.83 | 69.73 | 231.63 | 0.053 | -3.03 | 1.000 | 433.57 | 67.80 | 0.97 | 0.053 | -3.03 | 1.000 | 170.63 | 26.68 | 0.38 | OK |
| 又Ｙ３ | 18057.16 | 108.94 | 2.69 | 231.63 | 0.053 | -2.57 | 1.000 | 433.57 | 2.62 | 0.97 | 0.053 | -2.57 | 1.000 | 170.63 | 1.03 | 0.38 | OK |
| 又Ｙ３ | 18057.16 | 61.96 | 1.53 | 231.63 | 0.053 | -2.46 | 1.000 | 433.57 | 1.49 | 0.97 | 0.053 | -2.46 | 1.000 | 170.63 | 0.59 | 0.38 | OK |
| 又 | 18057.16 | 129.99 | 3.21 | 231.63 | 0.053 | -2.11 | 1.000 | 433.57 | 3.12 | 0.97 | 0.053 | -2.11 | 1.000 | 170.63 | 1.23 | 0.38 | OK |
| 又 | 18057.16 | 493.66 | 12.19 | 231.63 | 0.053 | -1.39 | 1.000 | 433.57 | 11.85 | 0.97 | 0.053 | -1.39 | 1.000 | 170.63 | 4.66 | 0.38 | OK |
| 又 | 18057.16 | 122.30 | 3.02 | 231.63 | 0.053 | -1.26 | 1.000 | 433.57 | 2.94 | 0.97 | 0.053 | -1.26 | 1.000 | 170.63 | 1.16 | 0.38 | OK |
| Ｙ４ | 18057.16 | 364.47 | 9.00 | 231.63 | 0.053 | -0.76 | 1.000 | 433.57 | 8.75 | 0.97 | 0.053 | -0.76 | 1.000 | 170.63 | 3.44 | 0.38 | OK |
| 又Ｙ４ | 18057.16 | 321.54 | 7.94 | 231.63 | 0.053 | -0.75 | 1.000 | 433.57 | 7.72 | 0.97 | 0.053 | -0.75 | 1.000 | 170.63 | 3.04 | 0.38 | OK |
| 又Ｙ４ | 18057.16 | 324.78 | 8.02 | 231.63 | 0.053 | -0.54 | 1.000 | 433.57 | 7.80 | 0.97 | 0.053 | -0.54 | 1.000 | 170.63 | 3.07 | 0.38 | OK |
| 又Ｙ４ | 18057.16 | 321.54 | 7.94 | 231.63 | 0.053 | -0.29 | 1.000 | 433.57 | 7.72 | 0.97 | 0.053 | -0.29 | 1.000 | 170.63 | 3.04 | 0.38 | OK |
| 又Ｙ４ | 18057.16 | 45.36 | 1.12 | 231.63 | 0.053 | -0.10 | 1.000 | 433.57 | 1.09 | 0.97 | 0.053 | -0.10 | 1.000 | 170.63 | 0.43 | 0.38 | OK |
| 又Ｙ４ | 18057.16 | 324.78 | 8.02 | 231.63 | 0.053 | 0.15 | 1.000 | 433.57 | 7.80 | 0.97 | 0.053 | 0.15 | 1.000 | 170.63 | 3.07 | 0.38 | OK |
| 又 | 18057.16 | 90.72 | 2.24 | 231.63 | 0.053 | 0.69 | 1.000 | 433.57 | 2.18 | 0.97 | 0.053 | 0.69 | 1.000 | 170.63 | 0.86 | 0.38 | OK |
| 又 | 18057.16 | 541.44 | 13.37 | 231.63 | 0.053 | 0.83 | 1.000 | 433.57 | 13.00 | 0.97 | 0.053 | 0.83 | 1.000 | 170.63 | 5.12 | 0.38 | OK |
| 又 | 18057.16 | 324.78 | 8.02 | 231.63 | 0.053 | 1.30 | 1.000 | 433.57 | 7.80 | 0.97 | 0.053 | 1.30 | 1.000 | 170.63 | 3.07 | 0.38 | OK |
| 又 | 18057.16 | 45.36 | 1.12 | 231.63 | 0.053 | 1.48 | 1.000 | 433.57 | 1.09 | 0.97 | 0.053 | 1.48 | 1.000 | 170.63 | 0.43 | 0.38 | OK |
| 又 | 18057.16 | 749.19 | 18.50 | 231.63 | 0.053 | 2.16 | 1.000 | 433.57 | 17.99 | 0.97 | 0.053 | 2.16 | 1.000 | 170.63 | 7.08 | 0.38 | OK |
| 又Ｙ５ | 18057.16 | 186.69 | 4.61 | 231.63 | 0.053 | 3.29 | 1.000 | 433.57 | 4.48 | 0.97 | 0.053 | 3.29 | 1.000 | 170.63 | 1.76 | 0.38 | OK |
| 又Ｙ５ | 18057.16 | 362.04 | 8.94 | 231.63 | 0.053 | 3.74 | 1.000 | 433.57 | 8.69 | 0.97 | 0.053 | 3.74 | 1.000 | 170.63 | 3.42 | 0.38 | OK |
| 又Ｙ５ | 18057.16 | 186.69 | 4.61 | 231.63 | 0.053 | 3.75 | 1.000 | 433.57 | 4.48 | 0.97 | 0.053 | 3.75 | 1.000 | 170.63 | 1.76 | 0.38 | OK |
| 又 | 18057.16 | 91.93 | 2.27 | 231.63 | 0.053 | 4.65 | 1.000 | 433.57 | 2.21 | 0.97 | 0.053 | 4.65 | 1.000 | 170.63 | 0.87 | 0.38 | OK |
| 又 | 18057.16 | 375.40 | 9.27 | 231.63 | 0.053 | 5.08 | 1.000 | 433.57 | 9.01 | 0.97 | 0.053 | 5.08 | 1.000 | 170.63 | 3.55 | 0.38 | OK |
| 又 | 18057.16 | 186.69 | 4.61 | 231.63 | 0.053 | 5.34 | 1.000 | 433.57 | 4.48 | 0.97 | 0.053 | 5.34 | 1.000 | 170.63 | 1.76 | 0.38 | OK |
| 又Ｙ６ | 18057.16 | 186.69 | 4.61 | 231.63 | 0.053 | 5.80 | 1.000 | 433.57 | 4.48 | 0.97 | 0.053 | 5.80 | 1.000 | 170.63 | 1.76 | 0.38 | OK |
| 又 | 18057.16 | 74.51 | 1.84 | 231.63 | 0.053 | 6.72 | 1.000 | 433.57 | 1.79 | 0.97 | 0.053 | 6.72 | 1.000 | 170.63 | 0.70 | 0.38 | OK |
| Ｙ７ | 18057.16 | 1199.32 | 34.90 | 231.63 | 0.053 | 7.43 | 1.000 | 433.57 | 28.80 | 0.83 | 0.053 | 7.43 | 1.000 | 170.63 | 11.33 | 0.32 | OK |
| 又Ｙ７ | 18057.16 | 116.63 | 2.88 | 231.63 | 0.053 | 7.57 | 1.000 | 433.57 | 2.80 | 0.97 | 0.053 | 7.57 | 1.000 | 170.63 | 1.10 | 0.38 | OK |
| 又 | 18057.16 | 186.69 | 4.61 | 231.63 | 0.053 | 8.93 | 1.000 | 433.57 | 4.48 | 0.97 | 0.053 | 8.93 | 1.000 | 170.63 | 1.76 | 0.38 | OK |
| 又 | 18057.16 | 135.66 | 3.35 | 231.63 | 0.053 | 9.39 | 1.000 | 433.57 | 3.26 | 0.97 | 0.053 | 9.39 | 1.000 | 170.63 | 1.28 | 0.38 | OK |
| Ｙ８ | 18057.16 | 2147.95 | 53.04 | 231.63 | 0.053 | 9.71 | 1.000 | 433.57 | 51.57 | 0.97 | 0.053 | 9.71 | 1.000 | 170.63 | 20.30 | 0.38 | OK |
| Ｙ９ | 18057.16 | 654.30 | 19.04 | 231.63 | 0.053 | 10.16 | 1.000 | 433.57 | 15.71 | 0.83 | 0.053 | 10.16 | 1.000 | 170.63 | 6.18 | 0.32 | OK |

１階Ｙ＋方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| Ｘ０ | 19275.44 | 4561.17 | 113.78 | 242.28 | 0.352 | -11.07 | 1.000 | 433.57 | 102.60 | 0.90 | 0.352 | -11.07 | 1.000 | 241.88 | 57.24 | 0.50 | OK |
| Ｘ３ | 19275.44 | 1093.12 | 24.80 | 242.28 | 0.352 | -6.86 | 1.000 | 433.57 | 24.59 | 0.99 | 0.352 | -6.86 | 1.000 | 241.88 | 13.72 | 0.55 | OK |
| Ｘ４ | 19275.44 | 1964.91 | 48.52 | 242.28 | 0.352 | -5.15 | 1.000 | 433.57 | 44.20 | 0.91 | 0.352 | -5.15 | 1.000 | 241.88 | 24.66 | 0.51 | OK |
| | 19275.44 | 496.50 | 12.26 | 242.28 | 0.352 | -4.40 | 1.000 | 433.57 | 11.17 | 0.91 | 0.352 | -4.40 | 1.000 | 241.88 | 6.23 | 0.51 | OK |
| Ｘ６ | 19275.44 | 630.94 | 15.58 | 242.28 | 0.352 | 0.44 | 1.000 | 433.57 | 14.19 | 0.91 | 0.352 | 0.44 | 1.000 | 241.88 | 7.92 | 0.51 | OK |
| Ｘ７ | 19275.44 | 1850.71 | 45.70 | 242.28 | 0.352 | 2.04 | 1.000 | 433.57 | 41.63 | 0.91 | 0.352 | 2.04 | 1.000 | 241.88 | 23.22 | 0.51 | OK |
| Ｘ８ | 19275.44 | 362.04 | 8.94 | 242.28 | 0.352 | 3.76 | 1.000 | 433.57 | 8.14 | 0.91 | 0.352 | 3.76 | 1.000 | 241.88 | 4.54 | 0.51 | OK |
| Ｘ９ | 19275.44 | 3920.10 | 96.80 | 242.28 | 0.352 | 4.54 | 1.000 | 433.57 | 88.18 | 0.91 | 0.352 | 4.54 | 1.000 | 241.88 | 49.19 | 0.51 | OK |

１階Ｙ＋方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| 又Ｘ９ | 19275.44 | 108.94 | 2.69 | 242.28 | 0.352 | 4.85 | 1.000 | 433.57 | 2.45 | 0.91 | 0.352 | 4.85 | 1.000 | 241.88 | 1.37 | 0.51 | OK |
| 又X10 | 19275.44 | 61.96 | 1.53 | 242.28 | 0.352 | 5.56 | 1.000 | 433.57 | 1.39 | 0.91 | 0.352 | 5.56 | 1.000 | 241.88 | 0.78 | 0.51 | OK |
| 又X10 | 19275.44 | 45.36 | 1.12 | 242.28 | 0.352 | 6.35 | 1.000 | 433.57 | 1.02 | 0.91 | 0.352 | 6.35 | 1.000 | 241.88 | 0.57 | 0.51 | OK |
| 又X11 | 19275.44 | 45.36 | 1.12 | 242.28 | 0.352 | 6.43 | 1.000 | 433.57 | 1.02 | 0.91 | 0.352 | 6.43 | 1.000 | 241.88 | 0.57 | 0.51 | OK |
| 又X11 | 19275.44 | 230.83 | 5.70 | 242.28 | 0.352 | 7.00 | 1.000 | 433.57 | 5.19 | 0.91 | 0.352 | 7.00 | 1.000 | 241.88 | 2.90 | 0.51 | OK |
| 又X11 | 19275.44 | 45.36 | 1.12 | 242.28 | 0.352 | 7.22 | 1.000 | 433.57 | 1.02 | 0.91 | 0.352 | 7.22 | 1.000 | 241.88 | 0.57 | 0.51 | OK |
| 又X12 | 19275.44 | 262.83 | 6.49 | 242.28 | 0.352 | 7.92 | 1.000 | 433.57 | 5.91 | 0.91 | 0.352 | 7.92 | 1.000 | 241.88 | 3.30 | 0.51 | OK |
| 又X12 | 19275.44 | 99.22 | 2.45 | 242.28 | 0.352 | 7.96 | 1.000 | 433.57 | 2.23 | 0.91 | 0.352 | 7.96 | 1.000 | 241.88 | 1.25 | 0.51 | OK |
| 又X12 | 19275.44 | 107.32 | 2.65 | 242.28 | 0.352 | 8.00 | 1.000 | 433.57 | 2.41 | 0.91 | 0.352 | 8.00 | 1.000 | 241.88 | 1.35 | 0.51 | OK |
| 又X12 | 19275.44 | 271.33 | 6.70 | 242.28 | 0.352 | 8.13 | 1.000 | 433.57 | 6.10 | 0.91 | 0.352 | 8.13 | 1.000 | 241.88 | 3.40 | 0.51 | OK |
| 又X13 | 19275.44 | 181.02 | 4.47 | 242.28 | 0.352 | 8.51 | 1.000 | 433.57 | 4.07 | 0.91 | 0.352 | 8.51 | 1.000 | 241.88 | 2.27 | 0.51 | OK |
| 又X13 | 19275.44 | 107.32 | 2.65 | 242.28 | 0.352 | 8.79 | 1.000 | 433.57 | 2.41 | 0.91 | 0.352 | 8.79 | 1.000 | 241.88 | 1.35 | 0.51 | OK |
| 又X13 | 19275.44 | 271.33 | 6.70 | 242.28 | 0.352 | 9.04 | 1.000 | 433.57 | 6.10 | 0.91 | 0.352 | 9.04 | 1.000 | 241.88 | 3.40 | 0.51 | OK |
| 又X14 | 19275.44 | 164.42 | 4.06 | 242.28 | 0.352 | 9.57 | 1.000 | 433.57 | 3.70 | 0.91 | 0.352 | 9.57 | 1.000 | 241.88 | 2.06 | 0.51 | OK |
| 又X15 | 19275.44 | 108.94 | 2.69 | 242.28 | 0.352 | 10.48 | 1.000 | 433.57 | 2.45 | 0.91 | 0.352 | 10.48 | 1.000 | 241.88 | 1.37 | 0.51 | OK |
| 又X15 | 19275.44 | 368.52 | 9.10 | 242.28 | 0.352 | 10.68 | 1.000 | 433.57 | 8.29 | 0.91 | 0.352 | 10.68 | 1.000 | 241.88 | 4.62 | 0.51 | OK |
| 又X15 | 19275.44 | 204.10 | 5.04 | 242.28 | 0.352 | 10.86 | 1.000 | 433.57 | 4.59 | 0.91 | 0.352 | 10.86 | 1.000 | 241.88 | 2.56 | 0.51 | OK |
| 又X16 | 19275.44 | 338.15 | 8.35 | 242.28 | 0.352 | 10.99 | 1.000 | 433.57 | 7.61 | 0.91 | 0.352 | 10.99 | 1.000 | 241.88 | 4.24 | 0.51 | OK |
| 又X16 | 19275.44 | 108.94 | 2.69 | 242.28 | 0.352 | 11.67 | 1.000 | 433.57 | 2.45 | 0.91 | 0.352 | 11.67 | 1.000 | 241.88 | 1.37 | 0.51 | OK |
| 又X16 | 19275.44 | 61.96 | 1.53 | 242.28 | 0.352 | 11.78 | 1.000 | 433.57 | 1.39 | 0.91 | 0.352 | 11.78 | 1.000 | 241.88 | 0.78 | 0.51 | OK |
| 又X17 | 19275.44 | 122.30 | 3.02 | 242.28 | 0.352 | 12.47 | 1.000 | 433.57 | 2.75 | 0.91 | 0.352 | 12.47 | 1.000 | 241.88 | 1.53 | 0.51 | OK |
| 又X19 | 19275.44 | 186.69 | 4.61 | 242.28 | 0.352 | 14.36 | 1.000 | 433.57 | 4.20 | 0.91 | 0.352 | 14.36 | 1.000 | 241.88 | 2.34 | 0.51 | OK |
| 又X19 | 19275.44 | 61.96 | 1.53 | 242.28 | 0.352 | 14.54 | 1.000 | 433.57 | 1.39 | 0.91 | 0.352 | 14.54 | 1.000 | 241.88 | 0.78 | 0.51 | OK |
| 又X20 | 19275.44 | 227.19 | 5.61 | 242.28 | 0.352 | 14.82 | 1.000 | 433.57 | 5.11 | 0.91 | 0.352 | 14.82 | 1.000 | 241.88 | 2.85 | 0.51 | OK |
| 又X20 | 19275.44 | 61.96 | 1.53 | 242.28 | 0.352 | 15.32 | 1.000 | 433.57 | 1.39 | 0.91 | 0.352 | 15.32 | 1.000 | 241.88 | 0.78 | 0.51 | OK |
| 又X21 | 19275.44 | 135.66 | 3.35 | 242.28 | 0.352 | 15.73 | 1.000 | 433.57 | 3.05 | 0.91 | 0.352 | 15.73 | 1.000 | 241.88 | 1.70 | 0.51 | OK |
| 又X21 | 19275.44 | 271.32 | 6.70 | 242.28 | 0.352 | 16.18 | 1.000 | 433.57 | 6.10 | 0.91 | 0.352 | 16.18 | 1.000 | 241.88 | 3.40 | 0.51 | OK |
| 又X22 | 19275.44 | 135.66 | 3.35 | 242.28 | 0.352 | 16.64 | 1.000 | 433.57 | 3.05 | 0.91 | 0.352 | 16.64 | 1.000 | 241.88 | 1.70 | 0.51 | OK |

１階Ｙ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| Ｘ０ | 19342.47 | 4363.37 | 109.09 | 243.23 | 0.164 | -11.25 | 1.000 | 433.57 | 97.81 | 0.90 | 0.164 | -11.25 | 1.000 | 241.88 | 54.57 | 0.50 | OK |
| Ｘ３ | 19342.47 | 1093.12 | 24.80 | 243.23 | 0.164 | -7.04 | 1.000 | 433.57 | 24.50 | 0.99 | 0.164 | -7.04 | 1.000 | 241.88 | 13.67 | 0.55 | OK |
| Ｘ４ | 19342.47 | 1964.91 | 48.52 | 243.23 | 0.164 | -5.34 | 1.000 | 433.57 | 44.04 | 0.91 | 0.164 | -5.34 | 1.000 | 241.88 | 24.57 | 0.51 | OK |
| | 19342.47 | 496.50 | 12.26 | 243.23 | 0.164 | -4.59 | 1.000 | 433.57 | 11.13 | 0.91 | 0.164 | -4.59 | 1.000 | 241.88 | 6.21 | 0.51 | OK |
| Ｘ６ | 19342.47 | 630.94 | 15.58 | 243.23 | 0.164 | 0.26 | 1.000 | 433.57 | 14.14 | 0.91 | 0.164 | 0.26 | 1.000 | 241.88 | 7.89 | 0.51 | OK |
| Ｘ７ | 19342.47 | 1850.71 | 45.70 | 243.23 | 0.164 | 1.86 | 1.000 | 433.57 | 41.48 | 0.91 | 0.164 | 1.86 | 1.000 | 241.88 | 23.14 | 0.51 | OK |
| Ｘ８ | 19342.47 | 362.04 | 8.94 | 243.23 | 0.164 | 3.58 | 1.000 | 433.57 | 8.12 | 0.91 | 0.164 | 3.58 | 1.000 | 241.88 | 4.53 | 0.51 | OK |
| Ｘ９ | 19342.47 | 4172.39 | 103.03 | 243.23 | 0.164 | 4.35 | 1.000 | 433.57 | 93.53 | 0.91 | 0.164 | 4.35 | 1.000 | 241.88 | 52.18 | 0.51 | OK |
| 又Ｘ９ | 19342.47 | 108.94 | 2.69 | 243.23 | 0.164 | 4.66 | 1.000 | 433.57 | 2.44 | 0.91 | 0.164 | 4.66 | 1.000 | 241.88 | 1.36 | 0.51 | OK |
| 又X10 | 19342.47 | 61.96 | 1.53 | 243.23 | 0.164 | 5.37 | 1.000 | 433.57 | 1.39 | 0.91 | 0.164 | 5.37 | 1.000 | 241.88 | 0.77 | 0.51 | OK |
| 又X10 | 19342.47 | 45.36 | 1.12 | 243.23 | 0.164 | 6.16 | 1.000 | 433.57 | 1.02 | 0.91 | 0.164 | 6.16 | 1.000 | 241.88 | 0.57 | 0.51 | OK |
| 又X11 | 19342.47 | 45.36 | 1.12 | 243.23 | 0.164 | 6.25 | 1.000 | 433.57 | 1.02 | 0.91 | 0.164 | 6.25 | 1.000 | 241.88 | 0.57 | 0.51 | OK |
| 又X11 | 19342.47 | 230.83 | 5.70 | 243.23 | 0.164 | 6.81 | 1.000 | 433.57 | 5.17 | 0.91 | 0.164 | 6.81 | 1.000 | 241.88 | 2.89 | 0.51 | OK |
| 又X11 | 19342.47 | 45.36 | 1.12 | 243.23 | 0.164 | 7.03 | 1.000 | 433.57 | 1.02 | 0.91 | 0.164 | 7.03 | 1.000 | 241.88 | 0.57 | 0.51 | OK |
| 又X12 | 19342.47 | 247.03 | 6.10 | 243.23 | 0.164 | 7.74 | 1.000 | 433.57 | 5.54 | 0.91 | 0.164 | 7.74 | 1.000 | 241.88 | 3.09 | 0.51 | OK |
| 又X12 | 19342.47 | 99.22 | 2.45 | 243.23 | 0.164 | 7.77 | 1.000 | 433.57 | 2.22 | 0.91 | 0.164 | 7.77 | 1.000 | 241.88 | 1.24 | 0.51 | OK |
| 又X12 | 19342.47 | 107.32 | 2.65 | 243.23 | 0.164 | 7.81 | 1.000 | 433.57 | 2.41 | 0.91 | 0.164 | 7.81 | 1.000 | 241.88 | 1.34 | 0.51 | OK |
| 又X12 | 19342.47 | 271.33 | 6.70 | 243.23 | 0.164 | 7.94 | 1.000 | 433.57 | 6.08 | 0.91 | 0.164 | 7.94 | 1.000 | 241.88 | 3.39 | 0.51 | OK |
| 又X13 | 19342.47 | 181.02 | 4.47 | 243.23 | 0.164 | 8.33 | 1.000 | 433.57 | 4.06 | 0.91 | 0.164 | 8.33 | 1.000 | 241.88 | 2.26 | 0.51 | OK |
| 又X13 | 19342.47 | 107.32 | 2.65 | 243.23 | 0.164 | 8.60 | 1.000 | 433.57 | 2.41 | 0.91 | 0.164 | 8.60 | 1.000 | 241.88 | 1.34 | 0.51 | OK |
| 又X13 | 19342.47 | 271.33 | 6.70 | 243.23 | 0.164 | 8.85 | 1.000 | 433.57 | 6.08 | 0.91 | 0.164 | 8.85 | 1.000 | 241.88 | 3.39 | 0.51 | OK |
| 又X14 | 19342.47 | 164.42 | 4.06 | 243.23 | 0.164 | 9.39 | 1.000 | 433.57 | 3.69 | 0.91 | 0.164 | 9.39 | 1.000 | 241.88 | 2.06 | 0.51 | OK |
| 又X15 | 19342.47 | 108.94 | 2.69 | 243.23 | 0.164 | 10.30 | 1.000 | 433.57 | 2.44 | 0.91 | 0.164 | 10.30 | 1.000 | 241.88 | 1.36 | 0.51 | OK |
| 又X15 | 19342.47 | 396.86 | 9.80 | 243.23 | 0.164 | 10.49 | 1.000 | 433.57 | 8.90 | 0.91 | 0.164 | 10.49 | 1.000 | 241.88 | 4.96 | 0.51 | OK |
| 又X15 | 19342.47 | 122.30 | 3.02 | 243.23 | 0.164 | 10.67 | 1.000 | 433.57 | 2.74 | 0.91 | 0.164 | 10.67 | 1.000 | 241.88 | 1.53 | 0.51 | OK |
| 又X16 | 19342.47 | 338.15 | 8.35 | 243.23 | 0.164 | 10.80 | 1.000 | 433.57 | 7.58 | 0.91 | 0.164 | 10.80 | 1.000 | 241.88 | 4.23 | 0.51 | OK |

１階Ｙ－方向

| 通り | Ki | Kij | Qaij | Ｌｄ | 地震時 | | | | | | 風圧時 | | | | | | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ex | Xi | αEy | QEi | QEij | 検定値 | ex | Xi | αWy | Qwi | Qwij | 検定値 | |
| 又X16 | 19342.47 | 108.94 | 2.69 | 243.23 | 0.164 | 11.48 | 1.000 | 433.57 | 2.44 | 0.91 | 0.164 | 11.48 | 1.000 | 241.88 | 1.36 | 0.51 | OK |
| 又X16 | 19342.47 | 61.96 | 1.53 | 243.23 | 0.164 | 11.59 | 1.000 | 433.57 | 1.39 | 0.91 | 0.164 | 11.59 | 1.000 | 241.88 | 0.77 | 0.51 | OK |
| 又X17 | 19342.47 | 204.10 | 5.04 | 243.23 | 0.164 | 12.28 | 1.000 | 433.57 | 4.58 | 0.91 | 0.164 | 12.28 | 1.000 | 241.88 | 2.55 | 0.51 | OK |
| 又X19 | 19342.47 | 186.69 | 4.61 | 243.23 | 0.164 | 14.18 | 1.000 | 433.57 | 4.18 | 0.91 | 0.164 | 14.18 | 1.000 | 241.88 | 2.33 | 0.51 | OK |
| 又X19 | 19342.47 | 61.96 | 1.53 | 243.23 | 0.164 | 14.35 | 1.000 | 433.57 | 1.39 | 0.91 | 0.164 | 14.35 | 1.000 | 241.88 | 0.77 | 0.51 | OK |
| 又X20 | 19342.47 | 227.19 | 5.61 | 243.23 | 0.164 | 14.63 | 1.000 | 433.57 | 5.09 | 0.91 | 0.164 | 14.63 | 1.000 | 241.88 | 2.84 | 0.51 | OK |
| 又X20 | 19342.47 | 61.96 | 1.53 | 243.23 | 0.164 | 15.14 | 1.000 | 433.57 | 1.39 | 0.91 | 0.164 | 15.14 | 1.000 | 241.88 | 0.77 | 0.51 | OK |
| 又X21 | 19342.47 | 135.66 | 3.35 | 243.23 | 0.164 | 15.54 | 1.000 | 433.57 | 3.04 | 0.91 | 0.164 | 15.54 | 1.000 | 241.88 | 1.70 | 0.51 | OK |
| 又X21 | 19342.47 | 271.32 | 6.70 | 243.23 | 0.164 | 16.00 | 1.000 | 433.57 | 6.08 | 0.91 | 0.164 | 16.00 | 1.000 | 241.88 | 3.39 | 0.51 | OK |
| 又X22 | 19342.47 | 135.66 | 3.35 | 243.23 | 0.164 | 16.45 | 1.000 | 433.57 | 3.04 | 0.91 | 0.164 | 16.45 | 1.000 | 241.88 | 1.70 | 0.51 | OK |

# 4 水平構面の設計

## 4.1 火打ち水平構面の検討

### (1) 小屋火打ち水平構面の検討

小屋火打ち水平構面

小屋火打ち水平構面の許容せん断耐力

| 火打ち構面記号 | 面積(㎡) | 火打ち本数 | 平均負担面積(㎡) | 最低梁せい(mm) | 許容せん断耐力(kN/m) |
|---|---|---|---|---|---|
| H1－1 | 316.55 | 108 | 2.93 | 150 | 0.71 |
| H1－2 | 48.33 | 17 | 2.84 | 180 | 0.71 |
| H1－3 | 61.78 | 19 | 3.25 | 210 | 0.71 |
| H1－4 | 24.64 | 12 | 2.05 | 180 | 1.18 |

(2) ２階床火打ち水平構面の検討

２階床火打ち水平構面

検定必要箇所がないため省略

## 4.2 許容せん断耐力の算定

### (1) 小屋X軸方向許容せん断耐力の算定

小屋X軸方向水平構面図

小屋X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| Y１-又 | (1) | H1－1 | 0.71 | 15.61 | 11.08 | 15.61 | 33.64 | 32.46 |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| 又-又 | (2) | H1－1 | 0.71 | 15.61 | 11.08 | 19.10 | 8.74 | 33.55 |
| | | H1－2 | 0.71 | 0.53 | 0.37 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 0.53 | 0.72 | | | |
| 又-又 | (3) | H1－1 | 0.71 | 15.61 | 11.08 | 19.20 | 3.24 | 35.05 |
| | | H1－2 | 0.71 | 1.25 | 0.88 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 1.25 | 1.71 | | | |

小屋X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又-又 | (4) | H1－1 | 0.71 | 15.61 | 11.08 | 21.02 | 62.88 | 38.44 |
| | | H1－2 | 0.71 | 2.88 | 2.04 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 2.88 | 3.94 | | | |
| 又-又 | (5) | H1－1 | 0.71 | 15.61 | 11.08 | 24.98 | 34.80 | 43.85 |
| | | H1－2 | 0.71 | 5.47 | 3.89 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 0.77 | 1.06 | | | |
| | | R1 | 1.37 | 4.70 | 6.44 | | | |
| 又-Y３ | (6) | H1－1 | 0.71 | 15.61 | 11.08 | 25.10 | 5.67 | 51.72 |
| | | H1－2 | 0.71 | 9.00 | 6.39 | | | |
| | | H1－4 | 1.18 | 0.21 | 0.25 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 6.90 | 9.45 | | | |
| | | R1 | 1.37 | 2.31 | 3.17 | | | |
| Y３-又Y３ | (7) | H1－1 | 0.71 | 15.61 | 11.08 | 25.40 | 13.15 | 53.03 |
| | | H1－2 | 0.71 | 8.55 | 6.07 | | | |
| | | H1－4 | 1.18 | 1.09 | 1.29 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 7.99 | 10.95 | | | |
| | | R1 | 1.37 | 1.65 | 2.26 | | | |
| 又Y３-又 | (8) | H1－1 | 0.71 | 15.61 | 11.08 | 26.05 | 29.46 | 54.41 |
| | | H1－2 | 0.71 | 7.50 | 5.33 | | | |
| | | H1－4 | 1.18 | 2.49 | 2.94 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 9.39 | 12.86 | | | |
| | | R1 | 1.37 | 0.60 | 0.83 | | | |
| 又-又Y４ | (9) | H1－1 | 0.71 | 15.61 | 11.08 | 26.45 | 18.25 | 56.54 |
| | | H1－3 | 0.71 | 0.83 | 0.59 | | | |
| | | H1－2 | 0.71 | 5.59 | 3.97 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 10.63 | 14.56 | | | |
| 又Y４-又Y４ | (10) | F3 | 7.84 | 7.42 | 58.13 | 26.94 | 22.32 | 115.63 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 2.67 | 1.90 | | | |
| | | H1－2 | 0.71 | 4.21 | 2.99 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 11.09 | 15.19 | | | |

小屋X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又Y４-又 | (11) | F3 | 7.84 | 7.42 | 58.13 | 27.64 | 33.33 | 116.87 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 5.05 | 3.59 | | | |
| | | H1－2 | 0.71 | 2.43 | 1.73 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 11.68 | 16.01 | | | |
| 又-又 | (12) | F3 | 7.84 | 7.42 | 58.13 | 27.71 | 3.35 | 117.68 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 6.60 | 4.69 | | | |
| | | H1－2 | 0.71 | 1.27 | 0.90 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.07 | 16.54 | | | |
| 又-又 | (13) | F3 | 7.84 | 7.42 | 58.13 | 27.91 | 9.35 | 117.95 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 7.13 | 5.06 | | | |
| | | H1－2 | 0.71 | 0.87 | 0.62 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.20 | 16.72 | | | |
| 又-又 | (14) | F3 | 7.84 | 7.42 | 58.13 | 27.99 | 4.01 | 118.24 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 7.68 | 5.45 | | | |
| | | H1－2 | 0.71 | 0.46 | 0.33 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.34 | 16.91 | | | |
| 又-又 | (15) | F3 | 7.84 | 7.42 | 58.13 | 28.10 | 5.50 | 118.44 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.07 | 5.73 | | | |
| | | H1－2 | 0.71 | 0.17 | 0.12 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.44 | 17.04 | | | |
| 又-又 | (16) | F3 | 7.84 | 7.42 | 58.13 | 28.36 | 12.85 | 118.83 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.42 | 5.98 | | | |
| | | H1－4 | 1.18 | 4.20 | 4.96 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.62 | 17.30 | | | |

小屋X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又-又 | (17) | F3 | 7.84 | 7.42 | 58.13 | 28.36 | 7.40 | 118.48 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.63 | 6.13 | | | |
| | | H1－4 | 1.18 | 3.90 | 4.60 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.53 | 17.16 | | | |
| 又-Y５ | (18) | F3 | 7.84 | 7.42 | 58.13 | 27.90 | 0.25 | 117.84 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.71 | 6.18 | | | |
| | | H1－4 | 1.18 | 3.59 | 4.23 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 12.29 | 16.84 | | | |
| Y５-又Y５ | (19) | F3 | 7.84 | 7.42 | 58.13 | 27.89 | 11.66 | 116.83 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.83 | 6.27 | | | |
| | | H1－4 | 1.18 | 3.09 | 3.64 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 11.92 | 16.33 | | | |
| 又Y５-又Y５ | (20) | F3 | 7.84 | 7.42 | 58.13 | 27.16 | 5.78 | 115.34 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 9.02 | 6.40 | | | |
| | | H1－4 | 1.18 | 2.35 | 2.77 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 11.36 | 15.57 | | | |
| 又Y５-又Y５ | (21) | F3 | 7.84 | 7.42 | 58.13 | 26.78 | 3.25 | 114.55 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 9.11 | 6.47 | | | |
| | | H1－4 | 1.18 | 1.96 | 2.31 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 11.07 | 15.17 | | | |
| 又Y５-又 | (22) | F3 | 7.84 | 7.42 | 58.13 | 26.57 | 20.40 | 112.41 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 9.38 | 6.66 | | | |
| | | H1－4 | 1.18 | 0.91 | 1.07 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 10.29 | 14.09 | | | |
| 又-又 | (23) | F3 | 7.84 | 7.42 | 58.13 | 25.21 | 5.45 | 110.17 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 9.41 | 6.68 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 9.41 | 12.90 | | | |
| 又-又 | (24) | F3 | 7.84 | 7.42 | 58.13 | 24.83 | 10.46 | 109.01 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.86 | 6.29 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 8.86 | 12.13 | | | |

小屋X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又-又 | (25) | F3 | 7.84 | 7.42 | 58.13 | 24.09 | 11.40 | 107.37 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 8.07 | 5.73 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 8.07 | 11.05 | | | |
| 又-Y６ | (26) | F3 | 7.84 | 7.42 | 58.13 | 23.26 | 1.27 | 106.41 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 7.60 | 5.40 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 7.60 | 10.42 | | | |
| Y６-又 | (27) | F3 | 7.84 | 7.42 | 58.13 | 23.16 | 34.49 | 103.52 |
| | | H1－1 | 0.71 | 15.61 | 11.08 | | | |
| | | H1－3 | 0.71 | 6.22 | 4.41 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 6.22 | 8.51 | | | |
| 又-又 | (28) | H1－1 | 0.71 | 15.61 | 11.08 | 20.48 | 33.73 | 38.92 |
| | | H1－3 | 0.71 | 3.11 | 2.20 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 3.11 | 4.25 | | | |
| 又-Y８ | (29) | H1－1 | 0.71 | 15.61 | 11.08 | 17.41 | 12.99 | 34.82 |
| | | H1－3 | 0.71 | 1.13 | 0.81 | | | |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| | | R1 | 1.37 | 1.13 | 1.55 | | | |

床面積合計（㎡）：459.06

(2) 小屋Y軸方向許容せん断耐力の算定

小屋Y軸方向水平構面図

小屋Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| X0-X2 | (1) | F3 | 7.84 | 8.19 | 64.21 | 20.29 | 66.94 | 106.40 |
| | | H1－1 | 0.71 | 20.29 | 14.40 | | | |
| | | R1 | 1.37 | 18.01 | 24.67 | | | |
| | | R1 | 1.37 | 2.28 | 3.12 | | | |
| X2-X3 | (2) | F3 | 7.84 | 8.19 | 64.21 | 20.29 | 18.46 | 106.40 |
| | | H1－1 | 0.71 | 20.29 | 14.40 | | | |
| | | R1 | 1.37 | 18.01 | 24.67 | | | |
| | | R1 | 1.37 | 2.28 | 3.12 | | | |

小屋Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| X３-X５ | (3) | F3 | 7.84 | 8.19 | 64.21 | 20.29 | 65.01 | 106.40 |
| | | H1－1 | 0.71 | 20.29 | 14.40 | | | |
| | | R1 | 1.37 | 18.01 | 24.67 | | | |
| | | R1 | 1.37 | 2.28 | 3.12 | | | |
| X５-又X７ | (4) | H1－1 | 0.71 | 20.29 | 14.40 | 20.29 | 119.99 | 42.19 |
| | | R1 | 1.37 | 18.01 | 24.67 | | | |
| | | R1 | 1.37 | 2.28 | 3.12 | | | |
| 又X７-X８ | (5) | H1－1 | 0.71 | 20.29 | 14.40 | 20.29 | 30.43 | 42.19 |
| | | R1 | 1.37 | 18.01 | 24.67 | | | |
| | | R1 | 1.37 | 2.28 | 3.12 | | | |
| X８-X９ | (6) | H1－1 | 0.71 | 20.29 | 14.40 | 20.29 | 15.72 | 42.19 |
| | | R1 | 1.37 | 18.01 | 24.67 | | | |
| | | R1 | 1.37 | 2.28 | 3.12 | | | |
| X９-X10 | (7) | H1－3 | 0.71 | 7.68 | 5.46 | 16.79 | 14.98 | 34.10 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.67 | 15.98 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| X10-又X10 | (8) | H1－3 | 0.71 | 7.82 | 5.55 | 16.59 | 1.80 | 34.38 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| 又X10-又X10 | (9) | H1－3 | 0.71 | 7.82 | 5.55 | 16.73 | 5.85 | 34.38 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| 又X10-又X10 | (10) | H1－3 | 0.71 | 7.82 | 5.55 | 16.63 | 2.78 | 34.38 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| 又X10-又X11 | (11) | H1－3 | 0.71 | 7.82 | 5.55 | 17.03 | 14.54 | 34.38 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| 又X11-又X11 | (12) | H1－3 | 0.71 | 7.82 | 5.55 | 16.56 | 0.78 | 34.38 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| 又X11-又X11 | (13) | H1－3 | 0.71 | 7.82 | 5.55 | 16.62 | 2.59 | 34.38 |
| | | H1－2 | 0.71 | 8.71 | 6.19 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.73 | 6.48 | | | |
| 又X11-又X12 | (14) | H1－3 | 0.71 | 7.82 | 5.55 | 16.90 | 12.76 | 34.08 |
| | | H1－2 | 0.71 | 8.57 | 6.08 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.58 | 6.28 | | | |

小屋Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又X12-又X12 | (15) | H1－3 | 0.71 | 7.82 | 5.55 | 16.24 | 3.83 | 33.21 |
| | | H1－2 | 0.71 | 8.15 | 5.79 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 4.17 | 5.71 | | | |
| 又X12-又X13 | (16) | H1－3 | 0.71 | 7.82 | 5.55 | 15.70 | 14.05 | 30.47 |
| | | H1－2 | 0.71 | 6.83 | 4.85 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 2.85 | 3.90 | | | |
| 又X13-又X14 | (17) | H1－3 | 0.71 | 7.82 | 5.55 | 13.60 | 3.29 | 27.69 |
| | | H1－2 | 0.71 | 5.49 | 3.90 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 1.51 | 2.07 | | | |
| 又X14-又X14 | (18) | H1－3 | 0.71 | 7.82 | 5.55 | 13.03 | 2.38 | 26.65 |
| | | H1－2 | 0.71 | 4.99 | 3.55 | | | |
| | | R1 | 1.37 | 11.80 | 16.17 | | | |
| | | R1 | 1.37 | 1.01 | 1.38 | | | |
| 又X14-又X15 | (19) | H1－3 | 0.71 | 7.82 | 5.55 | 12.60 | 7.16 | 23.96 |
| | | H1－2 | 0.71 | 3.70 | 2.63 | | | |
| | | R1 | 1.37 | 11.52 | 15.78 | | | |
| 又X15-又X15 | (20) | H1－3 | 0.71 | 7.82 | 5.55 | 11.24 | 6.20 | 22.11 |
| | | H1－2 | 0.71 | 2.81 | 2.00 | | | |
| | | R1 | 1.37 | 10.63 | 14.56 | | | |
| 又X15-又X15 | (21) | H1－3 | 0.71 | 7.70 | 5.46 | 10.02 | 3.22 | 19.85 |
| | | H1－2 | 0.71 | 1.70 | 1.21 | | | |
| | | H1－4 | 1.18 | 0.12 | 0.14 | | | |
| | | R1 | 1.37 | 9.52 | 13.04 | | | |
| 又X15-又X16 | (22) | H1－3 | 0.71 | 7.43 | 5.27 | 9.47 | 1.30 | 19.72 |
| | | H1－2 | 0.71 | 1.58 | 1.12 | | | |
| | | H1－4 | 1.18 | 0.39 | 0.46 | | | |
| | | R1 | 1.37 | 9.39 | 12.87 | | | |
| 又X16-又X16 | (23) | H1－3 | 0.71 | 6.64 | 4.71 | 9.71 | 5.22 | 20.09 |
| | | H1－2 | 0.71 | 1.58 | 1.12 | | | |
| | | H1－4 | 1.18 | 1.18 | 1.39 | | | |
| | | R1 | 1.37 | 9.39 | 12.87 | | | |
| 又X16-又X17 | (24) | H1－3 | 0.71 | 4.96 | 3.52 | 9.91 | 8.43 | 20.88 |
| | | H1－2 | 0.71 | 1.58 | 1.12 | | | |
| | | H1－4 | 1.18 | 2.86 | 3.37 | | | |
| | | R1 | 1.37 | 9.39 | 12.87 | | | |
| 又X17-又X18 | (25) | H1－3 | 0.71 | 3.22 | 2.28 | 9.75 | 5.76 | 21.70 |
| | | H1－2 | 0.71 | 1.58 | 1.12 | | | |
| | | H1－4 | 1.18 | 4.60 | 5.43 | | | |
| | | R1 | 1.37 | 9.39 | 12.87 | | | |
| 又X18-又X18 | (26) | H1－3 | 0.71 | 1.81 | 1.29 | 9.49 | 3.98 | 21.74 |
| | | H1－2 | 0.71 | 1.28 | 0.91 | | | |
| | | H1－4 | 1.18 | 6.00 | 7.09 | | | |
| | | R1 | 1.37 | 9.09 | 12.46 | | | |

小屋Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又X18-又X19 | (27) | H1－3 | 0.71 | 0.27 | 0.19 | 8.79 | 5.31 | 19.12 |
| | | H1－4 | 1.18 | 7.28 | 8.59 | | | |
| | | R1 | 1.37 | 7.55 | 10.34 | | | |
| 又X19-又X20 | (28) | H1－4 | 1.18 | 6.50 | 7.67 | 7.28 | 5.07 | 16.57 |
| | | R1 | 1.37 | 6.50 | 8.90 | | | |
| 又X20-又X21 | (29) | H1－4 | 1.18 | 4.68 | 5.52 | 5.72 | 4.20 | 11.93 |
| | | R1 | 1.37 | 4.68 | 6.41 | | | |
| 又X21-又 | (30) | H1－4 | 1.18 | 1.82 | 2.15 | 3.64 | 3.05 | 4.64 |
| | | R1 | 1.37 | 1.82 | 2.49 | | | |

床面積合計（㎡）：455.05

(3) ２階床X軸方向許容せん断耐力の算定

２階床X軸方向水平構面図

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| Ｙ０-(Ｙ１) | (1) | F8 | 2.35 | 15.61 | 36.67 | 15.61 | 17.17 | 58.05 |
| | | R1 | 1.37 | 15.61 | 21.38 | | | |
| (Ｙ１)-又 | (2) | F7 | 5.88 | 15.61 | 91.76 | 15.61 | 18.78 | 91.76 |
| 又-又 | (3) | F7 | 5.88 | 15.61 | 91.76 | 18.55 | 8.74 | 94.85 |
| | | F7 | 5.88 | 0.53 | 3.09 | | | |
| 又-(又) | (4) | F7 | 5.88 | 15.61 | 91.76 | 18.84 | 9.55 | 101.31 |
| | | F7 | 5.88 | 1.63 | 9.56 | | | |
| (又)-(又) | (5) | F7 | 5.88 | 15.61 | 91.76 | 19.10 | 8.74 | 107.78 |
| | | F7 | 5.88 | 2.20 | 12.94 | | | |
| | | F7 | 5.88 | 0.53 | 3.09 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| (又)-又 | (6) | F7 | 5.88 | 15.61 | 91.76 | 19.20 | 3.22 | 111.83 |
| | | F7 | 5.88 | 2.20 | 12.94 | | | |
| | | F7 | 5.88 | 1.21 | 7.14 | | | |
| 又-Y２ | (7) | F7 | 5.88 | 15.61 | 91.76 | 20.37 | 40.99 | 115.00 |
| | | F7 | 5.88 | 1.08 | 6.33 | | | |
| | | F7 | 5.88 | 2.88 | 16.91 | | | |
| Y２-(又) | (8) | F7 | 5.88 | 15.61 | 91.76 | 21.02 | 23.11 | 121.69 |
| | | F7 | 5.88 | 5.09 | 29.94 | | | |
| (又)-又 | (9) | F7 | 5.88 | 15.61 | 91.76 | 24.40 | 9.61 | 123.95 |
| | | F7 | 5.88 | 5.47 | 32.19 | | | |
| 又-又 | (10) | F7 | 5.88 | 15.61 | 91.76 | 24.77 | 16.03 | 132.90 |
| | | F7 | 5.88 | 1.17 | 6.88 | | | |
| | | F7 | 5.88 | 5.83 | 34.27 | | | |
| 又-又 | (11) | F7 | 5.88 | 15.61 | 91.76 | 24.98 | 8.79 | 141.38 |
| | | F7 | 5.88 | 2.32 | 13.66 | | | |
| | | F7 | 5.88 | 6.12 | 35.96 | | | |
| 又-Y３ | (12) | F7 | 5.88 | 15.61 | 91.76 | 25.10 | 5.57 | 145.92 |
| | | F7 | 5.88 | 2.73 | 16.05 | | | |
| | | F7 | 5.88 | 6.27 | 36.87 | | | |
| | | F7 | 5.88 | 0.21 | 1.24 | | | |
| Y３-又Y３ | (13) | F7 | 5.88 | 15.61 | 91.76 | 25.37 | 11.77 | 148.39 |
| | | F7 | 5.88 | 2.11 | 12.41 | | | |
| | | F7 | 5.88 | 6.48 | 38.09 | | | |
| | | F7 | 5.88 | 1.04 | 6.13 | | | |
| 又Y３-(又Y３) | (14) | F7 | 5.88 | 15.61 | 91.76 | 25.40 | 1.15 | 149.25 |
| | | F7 | 5.88 | 1.52 | 8.96 | | | |
| | | F7 | 5.88 | 6.63 | 38.96 | | | |
| | | F7 | 5.88 | 1.63 | 9.58 | | | |
| (又Y３)-又Y３ | (15) | F7 | 5.88 | 15.61 | 91.76 | 25.43 | 1.53 | 149.43 |
| | | F7 | 5.88 | 1.40 | 8.24 | | | |
| | | F7 | 5.88 | 6.66 | 39.14 | | | |
| | | F7 | 5.88 | 1.75 | 10.29 | | | |
| 又Y３-又 | (16) | F7 | 5.88 | 15.61 | 91.76 | 25.63 | 9.04 | 150.12 |
| | | F7 | 5.88 | 0.93 | 5.46 | | | |
| | | F7 | 5.88 | 6.77 | 39.83 | | | |
| | | F7 | 5.88 | 2.22 | 13.07 | | | |
| 又-又 | (17) | F7 | 5.88 | 15.61 | 91.76 | 26.05 | 18.86 | 151.10 |
| | | F7 | 5.88 | 0.26 | 1.54 | | | |
| | | F7 | 5.88 | 9.83 | 57.80 | | | |
| 又-又 | (18) | F7 | 5.88 | 15.61 | 91.76 | 26.12 | 3.15 | 153.39 |
| | | F7 | 5.88 | 0.81 | 4.74 | | | |
| | | F7 | 5.88 | 9.68 | 56.89 | | | |
| 又-Y４ | (19) | F7 | 5.88 | 15.61 | 91.76 | 26.42 | 13.38 | 154.46 |
| | | F7 | 5.88 | 1.53 | 9.02 | | | |
| | | F7 | 5.88 | 9.13 | 53.68 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| Y４-又Y４ | (20) | F7 | 5.88 | 2.10 | 12.35 | 26.42 | 0.20 | 155.34 |
| | | F7 | 5.88 | 5.32 | 31.25 | | | |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 2.13 | 12.53 | | | |
| | | F7 | 5.88 | 8.68 | 51.05 | | | |
| 又Y４-(又Y４) | (21) | F7 | 5.88 | 2.10 | 12.35 | 26.45 | 1.52 | 155.45 |
| | | F7 | 5.88 | 5.32 | 31.25 | | | |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 2.21 | 12.97 | | | |
| | | F7 | 5.88 | 8.63 | 50.72 | | | |
| (又Y４)-又Y４ | (22) | F7 | 5.88 | 2.10 | 12.35 | 26.54 | 4.07 | 155.81 |
| | | F7 | 5.88 | 5.32 | 31.25 | | | |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 2.45 | 14.40 | | | |
| | | F7 | 5.88 | 8.44 | 49.65 | | | |
| 又Y４-又Y４ | (23) | F7 | 5.88 | 2.10 | 12.35 | 26.68 | 6.49 | 156.48 |
| | | F7 | 5.88 | 5.32 | 31.25 | | | |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 2.91 | 17.10 | | | |
| | | F7 | 5.88 | 8.10 | 47.62 | | | |
| 又Y４-又Y４ | (24) | F7 | 5.88 | 2.10 | 12.35 | 26.80 | 5.21 | 157.23 |
| | | F7 | 5.88 | 5.32 | 31.25 | | | |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 3.42 | 20.08 | | | |
| | | F7 | 5.88 | 7.72 | 45.39 | | | |
| 又Y４-又Y４ | (25) | F7 | 5.88 | 2.10 | 12.35 | 26.94 | 6.64 | 157.71 |
| | | F7 | 5.88 | 5.32 | 31.25 | | | |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 3.75 | 22.03 | | | |
| | | F7 | 5.88 | 7.47 | 43.92 | | | |
| 又Y４-又 | (26) | F7 | 5.88 | 4.12 | 24.20 | 27.25 | 14.83 | 158.71 |
| | | F7 | 5.88 | 8.19 | 48.16 | | | |
| | | F7 | 5.88 | 3.30 | 19.40 | | | |
| | | F7 | 5.88 | 4.43 | 26.03 | | | |
| | | F7 | 5.88 | 6.96 | 40.93 | | | |
| 又-又 | (27) | F7 | 5.88 | 1.50 | 8.82 | 27.33 | 3.83 | 160.47 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 5.92 | 34.78 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 5.62 | 33.04 | | | |
| | | F7 | 5.88 | 6.07 | 35.67 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又-又 | (28) | F7 | 5.88 | 1.50 | 8.82 | 27.60 | 13.06 | 135.15 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 6.60 | 38.79 | | | |
| | | F7 | 5.88 | 5.33 | 31.36 | | | |
| 又-(又) | (29) | F7 | 5.88 | 1.50 | 8.82 | 27.64 | 1.87 | 135.66 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 6.95 | 40.84 | | | |
| | | F7 | 5.88 | 5.07 | 29.82 | | | |
| (又)-又 | (30) | F7 | 5.88 | 1.50 | 8.82 | 27.71 | 3.08 | 135.97 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 7.15 | 42.05 | | | |
| | | F7 | 5.88 | 4.92 | 28.91 | | | |
| 又-(又) | (31) | F7 | 5.88 | 1.50 | 8.82 | 27.71 | 0.28 | 136.17 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 7.29 | 42.87 | | | |
| | | F7 | 5.88 | 4.81 | 28.29 | | | |
| (又)-(又) | (32) | F7 | 5.88 | 1.50 | 8.82 | 27.91 | 9.35 | 136.76 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 7.69 | 45.23 | | | |
| | | F7 | 5.88 | 4.51 | 26.53 | | | |
| (又)-(又) | (33) | F7 | 5.88 | 1.50 | 8.82 | 27.99 | 3.95 | 137.44 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 8.16 | 47.95 | | | |
| | | F7 | 5.88 | 4.16 | 24.48 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| (又)-又 | (34) | F7 | 5.88 | 1.50 | 8.82 | 28.10 | 5.44 | 136.82 |
| | | 吹抜 | 0.00 | 4.55 | 0.00 | | | |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 0.78 | 4.56 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 0.22 | 0.00 | | | |
| | | F7 | 5.88 | 8.41 | 49.43 | | | |
| | | F7 | 5.88 | 3.81 | 22.39 | | | |
| 又-(又) | (35) | 吹抜 | 0.00 | 4.55 | 0.00 | 28.36 | 12.79 | 133.53 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 0.97 | 0.00 | | | |
| | | F7 | 5.88 | 8.41 | 49.43 | | | |
| | | F7 | 5.88 | 3.25 | 19.10 | | | |
| (又)-(又) | (36) | 吹抜 | 0.00 | 4.55 | 0.00 | 28.36 | 7.40 | 128.09 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 1.80 | 0.00 | | | |
| | | F7 | 5.88 | 8.10 | 47.64 | | | |
| | | F7 | 5.88 | 2.63 | 15.45 | | | |
| (又)-(Ｙ５) | (37) | 吹抜 | 0.00 | 4.55 | 0.00 | 27.90 | 0.25 | 124.86 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 2.11 | 0.00 | | | |
| | | F7 | 5.88 | 7.79 | 45.79 | | | |
| | | F7 | 5.88 | 2.39 | 14.06 | | | |
| (Ｙ５)-又Ｙ５ | (38) | 吹抜 | 0.00 | 4.55 | 0.00 | 27.89 | 11.30 | 119.88 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 2.60 | 0.00 | | | |
| | | F7 | 5.88 | 7.30 | 42.95 | | | |
| | | F7 | 5.88 | 2.03 | 11.93 | | | |
| 又Ｙ５-(又Ｙ５) | (39) | 吹抜 | 0.00 | 4.55 | 0.00 | 27.18 | 0.35 | 114.85 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 3.08 | 0.00 | | | |
| | | F7 | 5.88 | 6.82 | 40.07 | | | |
| | | F7 | 5.88 | 1.66 | 9.77 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| (又Y５)-(又Y５) | (40) | 吹抜 | 0.00 | 4.55 | 0.00 | 27.16 | 5.78 | 112.15 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 3.35 | 0.00 | | | |
| | | F7 | 5.88 | 6.55 | 38.53 | | | |
| | | F7 | 5.88 | 1.46 | 8.61 | | | |
| (又Y５)-(又Y５) | (41) | 吹抜 | 0.00 | 4.55 | 0.00 | 26.78 | 3.25 | 108.15 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 3.74 | 0.00 | | | |
| | | F7 | 5.88 | 6.16 | 36.24 | | | |
| | | F7 | 5.88 | 1.17 | 6.90 | | | |
| (又Y５)-又Y５ | (42) | 吹抜 | 0.00 | 4.55 | 0.00 | 26.57 | 2.52 | 104.51 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 2.28 | 13.38 | | | |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | 吹抜 | 0.00 | 4.09 | 0.00 | | | |
| | | F7 | 5.88 | 5.81 | 34.15 | | | |
| | | F7 | 5.88 | 0.91 | 5.36 | | | |
| 又Y５-又Y５ | (43) | 吹抜 | 0.00 | 4.55 | 0.00 | 26.41 | 0.28 | 104.44 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 4.09 | 0.00 | | | |
| | | F7 | 5.88 | 0.92 | 5.38 | | | |
| | | F7 | 5.88 | 5.79 | 34.05 | | | |
| 又Y５-(又) | (44) | 吹抜 | 0.00 | 4.55 | 0.00 | 26.39 | 17.61 | 100.91 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 4.09 | 0.00 | | | |
| | | F7 | 5.88 | 1.12 | 6.56 | | | |
| | | F7 | 5.88 | 4.99 | 29.35 | | | |
| (又)-又 | (45) | 吹抜 | 0.00 | 4.55 | 0.00 | 25.21 | 5.45 | 96.32 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 4.09 | 0.00 | | | |
| | | F7 | 5.88 | 1.38 | 8.09 | | | |
| | | F7 | 5.88 | 3.95 | 23.24 | | | |
| 又-又 | (46) | 吹抜 | 0.00 | 4.55 | 0.00 | 24.83 | 10.46 | 95.94 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 3.59 | 0.00 | | | |
| | | F7 | 5.88 | 1.56 | 9.18 | | | |
| | | F7 | 5.88 | 0.49 | 2.90 | | | |
| | | F7 | 5.88 | 3.21 | 18.85 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又-又 | (47) | 吹抜 | 0.00 | 4.55 | 0.00 | 24.09 | 6.31 | 97.12 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 2.79 | 0.00 | | | |
| | | F7 | 5.88 | 1.76 | 10.36 | | | |
| | | F7 | 5.88 | 1.29 | 7.60 | | | |
| | | F7 | 5.88 | 2.41 | 14.15 | | | |
| 又-(又) | (48) | 吹抜 | 0.00 | 4.55 | 0.00 | 23.63 | 5.09 | 97.93 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 2.24 | 0.00 | | | |
| | | F7 | 5.88 | 1.90 | 11.17 | | | |
| | | F7 | 5.88 | 1.85 | 10.87 | | | |
| | | F7 | 5.88 | 1.85 | 10.88 | | | |
| (又)-(Y６) | (49) | 吹抜 | 0.00 | 4.55 | 0.00 | 23.26 | 1.27 | 98.40 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 1.92 | 0.00 | | | |
| | | F7 | 5.88 | 1.98 | 11.64 | | | |
| | | F7 | 5.88 | 2.16 | 12.72 | | | |
| | | F7 | 5.88 | 1.54 | 9.04 | | | |
| (Y６)-又Y６ | (50) | 吹抜 | 0.00 | 4.55 | 0.00 | 23.16 | 4.21 | 98.80 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | 吹抜 | 0.00 | 1.65 | 0.00 | | | |
| | | F7 | 5.88 | 2.05 | 12.04 | | | |
| | | F7 | 5.88 | 2.44 | 14.34 | | | |
| | | F7 | 5.88 | 1.26 | 7.42 | | | |
| 又Y６-又 | (51) | 吹抜 | 0.00 | 4.55 | 0.00 | 22.84 | 20.41 | 99.68 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 2.55 | 14.98 | | | |
| | | F7 | 5.88 | 3.35 | 19.70 | | | |
| 又-(又) | (52) | 吹抜 | 0.00 | 4.55 | 0.00 | 21.24 | 9.16 | 95.90 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 2.76 | 16.24 | | | |
| | | F7 | 5.88 | 2.49 | 14.66 | | | |
| (又)-Y７ | (53) | 吹抜 | 0.00 | 4.55 | 0.00 | 20.48 | 5.51 | 92.28 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 2.97 | 17.45 | | | |
| | | F7 | 5.88 | 1.67 | 9.83 | | | |

２階床X軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| Y７-又Y７ | (54) | 吹抜 | 0.00 | 4.55 | 0.00 | 20.01 | 2.65 | 90.22 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 3.08 | 18.13 | | | |
| | | F7 | 5.88 | 1.20 | 7.08 | | | |
| 又Y７-又 | (55) | 吹抜 | 0.00 | 4.55 | 0.00 | 19.78 | 25.40 | 83.27 |
| | | F7 | 5.88 | 7.42 | 43.60 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 3.11 | 18.26 | | | |
| 又-又 | (56) | F7 | 5.88 | 7.42 | 43.60 | 17.41 | 7.92 | 100.07 |
| | | F7 | 5.88 | 4.55 | 26.75 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 1.41 | 8.31 | | | |
| 又-Y８ | (57) | F7 | 5.88 | 7.42 | 43.60 | 16.62 | 5.25 | 96.11 |
| | | F7 | 5.88 | 4.55 | 26.75 | | | |
| | | F7 | 5.88 | 3.64 | 21.40 | | | |
| | | F7 | 5.88 | 0.74 | 4.36 | | | |
| Y８-Y９ | (58) | F8 | 2.35 | 6.05 | 14.22 | 6.05 | 2.75 | 22.51 |
| | | R1 | 1.37 | 6.05 | 8.29 | | | |

床面積合計（㎡）：482.36

(4) ２階床Y軸方向許容せん断耐力の算定

２階床Y軸方向水平構面図

２階床Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| X0-(X2) | (1) | F7 | 5.88 | 9.27 | 54.48 | 23.21 | 72.07 | 130.14 |
| | | F7 | 5.88 | 11.02 | 64.80 | | | |
| | | F8 | 2.35 | 1.82 | 4.28 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.82 | 2.49 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |

２階床Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| (X２)-X３ | (2) | F7 | 5.88 | 9.72 | 57.12 | 23.21 | 19.87 | 130.14 |
| | | F7 | 5.88 | 10.57 | 62.15 | | | |
| | | F8 | 2.35 | 1.82 | 4.28 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.82 | 2.49 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| X３-X４ | (3) | F7 | 5.88 | 9.72 | 57.12 | 23.21 | 37.24 | 130.14 |
| | | F7 | 5.88 | 10.57 | 62.15 | | | |
| | | F8 | 2.35 | 1.82 | 4.28 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.82 | 2.49 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| X４- | (4) | F7 | 5.88 | 10.47 | 61.53 | 23.21 | 16.10 | 123.37 |
| | | F7 | 5.88 | 9.82 | 57.74 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| -(X５) | (5) | F7 | 5.88 | 10.47 | 61.53 | 21.39 | 16.04 | 123.37 |
| | | F7 | 5.88 | 9.82 | 57.74 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| (X５)-X６ | (6) | 吹抜 | 0.00 | 7.28 | 0.00 | 21.39 | 87.57 | 80.56 |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 11.64 | 68.44 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| X６-X７ | (7) | 吹抜 | 0.00 | 7.28 | 0.00 | 21.39 | 34.22 | 80.56 |
| | | F7 | 5.88 | 1.37 | 8.03 | | | |
| | | F7 | 5.88 | 11.64 | 68.44 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| X７-(又X７) | (8) | F7 | 5.88 | 5.97 | 35.10 | 21.39 | 4.70 | 123.37 |
| | | F7 | 5.88 | 14.32 | 84.17 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| (又X７)-X８ | (9) | F7 | 5.88 | 1.82 | 10.70 | 21.39 | 32.08 | 123.37 |
| | | F7 | 5.88 | 7.55 | 44.39 | | | |
| | | F7 | 5.88 | 10.92 | 64.18 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| X８-X９ | (10) | F7 | 5.88 | 7.82 | 45.98 | 21.39 | 16.57 | 123.37 |
| | | F7 | 5.88 | 12.47 | 73.29 | | | |
| | | F8 | 2.35 | 1.10 | 2.59 | | | |
| | | R1 | 1.37 | 1.10 | 1.51 | | | |
| X９-又X９ | (11) | F7 | 5.88 | 5.97 | 35.10 | 17.71 | 5.42 | 103.61 |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.38 | 61.04 | | | |

２階床Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又X９-(X10) | (12) | F7 | 5.88 | 5.97 | 35.10 | 18.06 | 10.72 | 104.40 |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.51 | 61.83 | | | |
| (X10)-又X10 | (13) | 吹抜 | 0.00 | 0.13 | 0.00 | 17.86 | 1.94 | 103.91 |
| | | F7 | 5.88 | 5.59 | 32.85 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.59 | | | |
| 又X10-(又X10) | (14) | 吹抜 | 0.00 | 0.66 | 0.00 | 18.00 | 6.33 | 100.78 |
| | | F7 | 5.88 | 5.06 | 29.73 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| (又X10)-(又X10) | (15) | 吹抜 | 0.00 | 1.26 | 0.00 | 17.90 | 3.03 | 97.24 |
| | | F7 | 5.88 | 4.45 | 26.19 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| (又X10)-又X10 | (16) | 吹抜 | 0.00 | 1.76 | 0.00 | 17.95 | 4.84 | 94.29 |
| | | F7 | 5.88 | 3.95 | 23.24 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| 又X10-又X11 | (17) | 吹抜 | 0.00 | 2.17 | 0.00 | 17.85 | 1.58 | 91.88 |
| | | F7 | 5.88 | 3.54 | 20.83 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| 又X11-(又X11) | (18) | 吹抜 | 0.00 | 2.86 | 0.00 | 18.09 | 9.13 | 87.86 |
| | | F7 | 5.88 | 2.86 | 16.80 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| (又X11)-(又X11) | (19) | 吹抜 | 0.00 | 3.49 | 0.00 | 17.83 | 0.83 | 84.12 |
| | | F7 | 5.88 | 2.22 | 13.07 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| (又X11)-又X11 | (20) | 吹抜 | 0.00 | 3.56 | 0.00 | 17.81 | 0.26 | 83.71 |
| | | F7 | 5.88 | 2.15 | 12.66 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| 又X11-(又X11) | (21) | 吹抜 | 0.00 | 3.58 | 0.00 | 17.88 | 2.42 | 83.61 |
| | | F7 | 5.88 | 1.98 | 11.64 | | | |
| | | F7 | 5.88 | 0.16 | 0.92 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |
| (又X11)-又X11 | (22) | 吹抜 | 0.00 | 3.58 | 0.00 | 17.85 | 1.58 | 83.61 |
| | | F7 | 5.88 | 1.72 | 10.13 | | | |
| | | F7 | 5.88 | 0.41 | 2.44 | | | |
| | | F7 | 5.88 | 1.27 | 7.47 | | | |
| | | F7 | 5.88 | 10.81 | 63.58 | | | |

２階床Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又X11-(又X12) | (23) | 吹抜 | 0.00 | 3.58 | 0.00 | 17.80 | 11.91 | 75.29 |
| | | F7 | 5.88 | 0.20 | 1.20 | | | |
| | | F7 | 5.88 | 1.93 | 11.36 | | | |
| | | F7 | 5.88 | 10.67 | 62.73 | | | |
| (又X12)-又X12 | (24) | 吹抜 | 0.00 | 3.58 | 0.00 | 16.24 | 0.43 | 74.26 |
| | | F7 | 5.88 | 0.03 | 0.17 | | | |
| | | F7 | 5.88 | 2.11 | 12.39 | | | |
| | | F7 | 5.88 | 10.49 | 61.70 | | | |
| 又X12-又X12 | (25) | 吹抜 | 0.00 | 3.58 | 0.00 | 16.18 | 0.56 | 73.87 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 10.43 | 61.31 | | | |
| 又X12-又X12 | (26) | 吹抜 | 0.00 | 3.58 | 0.00 | 16.11 | 0.74 | 73.37 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 10.34 | 60.80 | | | |
| 又X12-又X12 | (27) | 吹抜 | 0.00 | 3.58 | 0.00 | 16.01 | 2.32 | 72.17 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 10.14 | 59.61 | | | |
| 又X12-又X13 | (28) | 吹抜 | 0.00 | 3.58 | 0.00 | 15.70 | 5.96 | 68.66 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 9.54 | 56.10 | | | |
| 又X13-又X13 | (29) | 吹抜 | 0.00 | 3.27 | 0.00 | 14.82 | 4.19 | 66.07 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 0.31 | 1.85 | | | |
| | | F7 | 5.88 | 8.79 | 51.66 | | | |
| 又X13-又X13 | (30) | 吹抜 | 0.00 | 2.66 | 0.00 | 14.19 | 3.90 | 66.07 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 0.92 | 5.43 | | | |
| | | F7 | 5.88 | 8.18 | 48.08 | | | |
| 又X13-(又X14) | (31) | 吹抜 | 0.00 | 2.08 | 0.00 | 13.60 | 3.29 | 66.07 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 1.50 | 8.85 | | | |
| | | F7 | 5.88 | 7.60 | 44.66 | | | |
| (又X14)-(又X14) | (32) | 吹抜 | 0.00 | 1.58 | 0.00 | 13.03 | 2.38 | 66.07 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 2.00 | 11.78 | | | |
| | | F7 | 5.88 | 7.10 | 41.72 | | | |
| (又X14)-又X14 | (33) | 吹抜 | 0.00 | 1.25 | 0.00 | 12.60 | 1.24 | 66.07 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 2.33 | 13.72 | | | |
| | | F7 | 5.88 | 6.77 | 39.79 | | | |
| 又X14-(又X15) | (34) | 吹抜 | 0.00 | 0.57 | 0.00 | 12.37 | 5.78 | 66.07 |
| | | F7 | 5.88 | 2.14 | 12.56 | | | |
| | | F7 | 5.88 | 3.01 | 17.72 | | | |
| | | F7 | 5.88 | 6.09 | 35.79 | | | |

２階床Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| (又X15)-又X15 | (35) | F7 | 5.88 | 1.65 | 9.71 | 11.24 | 4.60 | 63.22 |
| | | F7 | 5.88 | 4.06 | 23.90 | | | |
| | | F7 | 5.88 | 5.04 | 29.61 | | | |
| 又X15-(又X15) | (36) | F7 | 5.88 | 1.04 | 6.14 | 10.27 | 1.13 | 59.65 |
| | | F7 | 5.88 | 4.67 | 27.47 | | | |
| | | F7 | 5.88 | 4.43 | 26.04 | | | |
| (又X15)-又X15 | (37) | F7 | 5.88 | 0.82 | 4.82 | 10.02 | 0.96 | 58.33 |
| | | F7 | 5.88 | 4.90 | 28.78 | | | |
| | | F7 | 5.88 | 4.20 | 24.72 | | | |
| 又X15-又X15 | (38) | F7 | 5.88 | 0.51 | 2.97 | 9.82 | 1.95 | 56.48 |
| | | F7 | 5.88 | 5.21 | 30.64 | | | |
| | | F7 | 5.88 | 3.89 | 22.87 | | | |
| 又X15-又X16 | (39) | F7 | 5.88 | 0.15 | 0.86 | 9.47 | 1.19 | 55.23 |
| | | F7 | 5.88 | 5.57 | 32.75 | | | |
| | | F7 | 5.88 | 0.15 | 0.86 | | | |
| | | F7 | 5.88 | 3.53 | 20.76 | | | |
| 又X16-(又X16) | (40) | F7 | 5.88 | 5.72 | 33.61 | 9.71 | 5.22 | 55.23 |
| | | F7 | 5.88 | 0.93 | 5.50 | | | |
| | | F7 | 5.88 | 2.74 | 16.13 | | | |
| (又X16)-又X16 | (41) | F7 | 5.88 | 5.72 | 33.61 | 9.46 | 1.15 | 55.23 |
| | | F7 | 5.88 | 1.58 | 9.27 | | | |
| | | F7 | 5.88 | 2.10 | 12.36 | | | |
| 又X16-又X16 | (42) | F7 | 5.88 | 5.72 | 33.61 | 9.46 | 1.04 | 55.23 |
| | | F7 | 5.88 | 1.58 | 9.27 | | | |
| | | F7 | 5.88 | 2.10 | 12.36 | | | |
| 又X16-(又X17) | (43) | F7 | 5.88 | 5.72 | 33.61 | 9.78 | 6.24 | 55.23 |
| | | F7 | 5.88 | 1.58 | 9.27 | | | |
| | | F7 | 5.88 | 2.10 | 12.36 | | | |
| (又X17)-又X17 | (44) | F7 | 5.88 | 5.72 | 33.61 | 9.41 | 0.28 | 55.23 |
| | | F7 | 5.88 | 1.58 | 9.27 | | | |
| | | F7 | 5.88 | 2.10 | 12.36 | | | |
| 又X17-(又X18) | (45) | F7 | 5.88 | 5.72 | 33.61 | 9.73 | 5.48 | 55.23 |
| | | F7 | 5.88 | 1.58 | 9.27 | | | |
| | | F7 | 5.88 | 2.10 | 12.36 | | | |
| (又X18)-(又X18) | (46) | F7 | 5.88 | 5.72 | 33.61 | 9.49 | 3.98 | 53.47 |
| | | F7 | 5.88 | 1.28 | 7.50 | | | |
| | | F7 | 5.88 | 2.10 | 12.36 | | | |
| (又X18)-(又X19) | (47) | F7 | 5.88 | 5.72 | 33.61 | 8.79 | 5.31 | 44.39 |
| | | F7 | 5.88 | 1.83 | 10.78 | | | |
| (又X19)-又X19 | (48) | F7 | 5.88 | 5.72 | 33.61 | 7.28 | 1.69 | 41.30 |
| | | F7 | 5.88 | 1.31 | 7.69 | | | |
| 又X19-又X19 | (49) | F7 | 5.88 | 5.72 | 33.61 | 6.77 | 1.15 | 38.62 |
| | | F7 | 5.88 | 0.85 | 5.01 | | | |
| 又X19-又X20 | (50) | F7 | 5.88 | 5.72 | 33.61 | 6.37 | 1.87 | 35.53 |
| | | F7 | 5.88 | 0.33 | 1.92 | | | |
| 又X20-又X20 | (51) | F7 | 5.88 | 5.13 | 30.18 | 5.72 | 2.59 | 30.18 |

２階床Y軸方向許容せん断耐力算定表

| 耐力壁の存在する通り | 算定No | 許容耐力の算定 | | | | 奥行長さ計（m） | 床面積（㎡） | 許容耐力 Pa（kN） |
|---|---|---|---|---|---|---|---|---|
| | | 床種類 | 許容せん断耐力（kN/m） | 奥行き長さ（m） | 許容耐力（kN） | | | |
| 又X20-(又X21) | (52) | F7 | 5.88 | 4.09 | 24.08 | 4.55 | 1.61 | 24.08 |
| (又X21)-又X21 | (53) | F7 | 5.88 | 3.63 | 21.33 | 3.64 | 0.04 | 21.33 |
| 又X21-又X21 | (54) | F7 | 5.88 | 3.09 | 18.16 | 3.61 | 1.58 | 18.16 |
| 又X21-又X22 | (55) | F7 | 5.88 | 2.04 | 11.98 | 2.56 | 1.11 | 11.98 |
| 又X22-又 | (56) | F7 | 5.88 | 0.76 | 4.45 | 1.51 | 0.50 | 4.45 |

床面積合計（㎡）：477.89

4.3 水平構面の負担水平力に対する検定

(1) 地震力

鉛直構面の通り番号をjとしたとき、j通りとj+1通りの間の水平構面の負担せん断力

Qj,j+1(j端)およびQj+1,j(j+1端)は下式のとおり。

$$Q_{j,j+1} = Q_{j,j-1} + P_{下j} - P_{上j}$$

$$Q_{j+1,j} = Q_{j,j+1} - w_{j,j+1} \cdot l_{j,j+1}$$

ここで、

$P_{上j}$ ：上階のj通り鉛直構面の負担せん断力[kN]

$P_{下j}$ ：下階のj通り鉛直構面の負担せん断力[kN]

} 地震力の場合は $Q_{Ej}$、風圧力の場合は $Q_{Wj}$ を用いる

$l_{j,j+1}$ ：j通りからj+1通りまでの間隔[m]

$w_{j,j+1}$ ：j通りとj+1通りの間の水平構面に作用する水平方向の分布荷重[kN/m]

なお、 $P_{上j}$ 、$P_{下j}$ 、$w_{j,j+1}$ は、外力のつり合い関係により、下式が成立している。

$$\Sigma P_{下j} = \Sigma P_{上j} + \Sigma w_{j,j+1} \cdot l_{j,j+1}$$

これにより、各区間の水平構面における$w_{j,j+1} \cdot l_{j,j+1}$は地震力に関しては、ならし重量が床面積に比例するものとして下式によって算出する。

地震力： $wE_{j,j+1} \cdot l_{j,j+1} = (QE下-QE上) \times Af_{j,j+1} / \Sigma Af$

風圧力： $wW_{j,j+1} \cdot l_{j,j+1} = (QW下-QW上) \times Aw_{j,j+1} / \Sigma Aw$

ここで、

QE上： 上階の地震時層せん断力(kN)。偏心による割増を考慮した場合には、割増した各通りの値の合計値。

QE下： 下階の地震時層せん断力(kN)。偏心による割増を考慮した場合には、割増した各通りの値の合計値。

QW上： 上階の風圧時層せん断力(kN)。

QW下： 下階の風圧時層せん断力(kN)。

$Af_{j,j+1}$ ： j通りとj+1通りの間の床水平構面の床面積(㎡)。屋根の場合は、水平投影面積（軒・けらばは含めない）。

$\Sigma Af$ ： 当該階の水平構面の床面積の合計(㎡)

$Aw_{j,j+1}$ ： j通りとj+1通りの間の当該階の見付面積(㎡)

$\Sigma Aw$ ： 当該階の見付面積の合計(㎡)

２階Ｘ＋方向

床面積合計（ΣＡｆ）＝459.06　　ＱＥ下＝198.03　　ＱＥ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｙ１ | 20.02 | 0.00 | | | | | | |
| | | | 33.64 | 14.513 | 20.02 | 32.46 | 0.62 | OK |
| 又 | 3.40 | 0.00 | | | 5.51 | | 0.17 | OK |
| | | | 8.74 | 3.768 | 8.91 | 33.55 | 0.27 | OK |
| 又 | 3.09 | 0.00 | | | 5.14 | | 0.15 | OK |
| | | | 3.24 | 1.396 | 8.23 | 35.05 | 0.23 | OK |
| 又 | 1.79 | 0.00 | | | 6.83 | | 0.19 | OK |
| | | | 62.88 | 27.124 | 8.62 | 38.44 | 0.22 | OK |
| 又 | 1.07 | 0.00 | | | -18.50 | | 0.48 | OK |
| | | | 34.80 | 15.012 | -17.43 | 43.85 | 0.40 | OK |
| 又 | 1.79 | 0.00 | | | -32.44 | | 0.74 | OK |
| | | | 5.67 | 2.444 | -30.65 | 51.72 | 0.59 | OK |
| Ｙ３ | 32.64 | 0.00 | | | -33.09 | | 0.64 | OK |
| | | | 13.15 | 5.673 | -0.45 | 53.03 | 0.01 | OK |
| | | | | | -6.12 | | 0.12 | OK |

２階Ｘ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又Y３ | 3.76 | 0.00 | | | | | | |
| | | | 29.46 | 12.707 | -2.36 | 54.41 | 0.04 | OK |
| 又 | 4.12 | 0.00 | | | -15.07 | | 0.28 | OK |
| | | | 18.25 | 7.871 | -10.95 | 56.54 | 0.19 | OK |
| 又Y４ | 8.59 | 0.00 | | | -18.82 | | 0.33 | OK |
| | | | 22.32 | 9.629 | -10.23 | 115.63 | 0.09 | OK |
| 又Y４ | 1.53 | 0.00 | | | -19.86 | | 0.17 | OK |
| | | | 33.33 | 14.378 | -18.33 | 116.87 | 0.16 | OK |
| 又 | 4.70 | 0.00 | | | -32.71 | | 0.28 | OK |
| | | | 3.35 | 1.445 | -28.01 | 117.68 | 0.24 | OK |
| 又 | 2.07 | 0.00 | | | -29.46 | | 0.25 | OK |
| | | | 9.35 | 4.036 | -27.39 | 117.95 | 0.23 | OK |
| 又 | 0.47 | 0.00 | | | -31.43 | | 0.27 | OK |
| | | | 4.01 | 1.728 | -30.96 | 118.24 | 0.26 | OK |
| 又 | 6.91 | 0.00 | | | -32.69 | | 0.28 | OK |
| | | | 5.50 | 2.371 | -25.78 | 118.44 | 0.22 | OK |
| 又 | 4.70 | 0.00 | | | -28.15 | | 0.24 | OK |
| | | | 12.85 | 5.542 | -23.45 | 118.83 | 0.20 | OK |
| 又 | 3.23 | 0.00 | | | -28.99 | | 0.24 | OK |
| | | | 7.40 | 3.194 | -25.76 | 118.48 | 0.22 | OK |
| 又 | 5.09 | 0.00 | | | -28.95 | | 0.24 | OK |
| | | | 0.25 | 0.106 | -23.86 | 117.84 | 0.20 | OK |
| Y５ | 21.45 | 0.00 | | | -23.97 | | 0.20 | OK |
| | | | 11.66 | 5.028 | -2.52 | 116.83 | 0.02 | OK |
| 又Y５ | 1.53 | 0.00 | | | -7.55 | | 0.06 | OK |
| | | | 5.78 | 2.495 | -6.02 | 115.34 | 0.05 | OK |
| 又Y５ | 3.23 | 0.00 | | | -8.52 | | 0.07 | OK |
| | | | 3.25 | 1.403 | -5.29 | 114.55 | 0.05 | OK |
| 又Y５ | 0.90 | 0.00 | | | -6.69 | | 0.06 | OK |
| | | | 20.40 | 8.802 | -5.79 | 112.41 | 0.05 | OK |
| 又 | 3.72 | 0.00 | | | -14.59 | | 0.13 | OK |
| | | | 5.45 | 2.351 | -10.87 | 110.17 | 0.10 | OK |
| 又 | 1.04 | 0.00 | | | -13.22 | | 0.12 | OK |
| | | | 10.46 | 4.513 | -12.18 | 109.01 | 0.11 | OK |
| 又 | 1.53 | 0.00 | | | -16.69 | | 0.15 | OK |
| | | | 11.40 | 4.919 | -15.16 | 107.37 | 0.14 | OK |
| 又 | 0.79 | 0.00 | | | -20.08 | | 0.19 | OK |
| | | | 1.27 | 0.549 | -19.29 | 106.41 | 0.18 | OK |
| Y６ | 27.03 | 0.00 | | | -19.84 | | 0.19 | OK |
| | | | 34.49 | 14.881 | 7.19 | 103.52 | 0.07 | OK |
| 又 | 5.39 | 0.00 | | | -7.69 | | 0.07 | OK |
| | | | 33.73 | 14.553 | -2.30 | 38.92 | 0.06 | OK |
| 又 | 5.12 | 0.00 | | | -16.85 | | 0.43 | OK |
| | | | 12.99 | 5.603 | -11.73 | 34.82 | 0.34 | OK |
| Y８ | 17.34 | 0.00 | | | -17.33 | | 0.50 | OK |

２階Ｘ－方向

床面積合計（ΣＡｆ）＝459.06　　ＱＥ下＝198.03　　ＱＥ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Y１ | 21.56 | 0.00 | | | | | | |
| | | | 33.64 | 14.513 | 21.56 | 32.46 | 0.66 | OK |
| 又 | 3.40 | 0.00 | | | 7.05 | | 0.22 | OK |
| | | | 8.74 | 3.768 | 10.45 | 33.55 | 0.31 | OK |
| 又 | 1.86 | 0.00 | | | 6.68 | | 0.20 | OK |
| | | | 3.24 | 1.396 | 8.54 | 35.05 | 0.24 | OK |
| 又 | 1.07 | 0.00 | | | 7.14 | | 0.20 | OK |
| | | | 62.88 | 27.124 | 8.21 | 38.44 | 0.21 | OK |
| 又 | 1.79 | 0.00 | | | -18.91 | | 0.49 | OK |
| | | | 34.80 | 15.012 | -17.12 | 43.85 | 0.39 | OK |
| 又 | 1.07 | 0.00 | | | -32.13 | | 0.73 | OK |
| | | | 5.67 | 2.444 | -31.06 | 51.72 | 0.60 | OK |
| | | | | | -33.50 | | 0.65 | OK |

２階Ｘ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｙ３ | 34.76 | 0.00 | | | | | | |
| | | | 13.15 | 5.673 | 1.26 | 53.03 | 0.02 | OK |
| 又Ｙ３ | 2.25 | 0.00 | | | -4.41 | | 0.08 | OK |
| | | | 29.46 | 12.707 | -2.16 | 54.41 | 0.04 | OK |
| 又 | 2.46 | 0.00 | | | -14.87 | | 0.27 | OK |
| | | | 18.25 | 7.871 | -12.41 | 56.54 | 0.22 | OK |
| 又Ｙ４ | 8.58 | 0.00 | | | -20.28 | | 0.36 | OK |
| | | | 22.32 | 9.629 | -11.70 | 115.63 | 0.10 | OK |
| 又Ｙ４ | 1.53 | 0.00 | | | -21.33 | | 0.18 | OK |
| | | | 33.33 | 14.378 | -19.80 | 116.87 | 0.17 | OK |
| 又 | 4.69 | 0.00 | | | -34.18 | | 0.29 | OK |
| | | | 3.35 | 1.445 | -29.49 | 117.68 | 0.25 | OK |
| 又 | 2.07 | 0.00 | | | -30.94 | | 0.26 | OK |
| | | | 9.35 | 4.036 | -28.87 | 117.95 | 0.24 | OK |
| 又 | 0.80 | 0.00 | | | -32.91 | | 0.28 | OK |
| | | | 4.01 | 1.728 | -32.11 | 118.24 | 0.27 | OK |
| 又 | 6.91 | 0.00 | | | -33.84 | | 0.29 | OK |
| | | | 5.50 | 2.371 | -26.93 | 118.44 | 0.23 | OK |
| 又 | 4.69 | 0.00 | | | -29.30 | | 0.25 | OK |
| | | | 12.85 | 5.542 | -24.61 | 118.83 | 0.21 | OK |
| 又 | 5.38 | 0.00 | | | -30.15 | | 0.25 | OK |
| | | | 7.40 | 3.194 | -24.77 | 118.48 | 0.21 | OK |
| 又 | 5.09 | 0.00 | | | -27.96 | | 0.24 | OK |
| | | | 0.25 | 0.106 | -22.87 | 117.84 | 0.19 | OK |
| Ｙ５ | 21.43 | 0.00 | | | -22.98 | | 0.20 | OK |
| | | | 11.66 | 5.028 | -1.55 | 116.83 | 0.01 | OK |
| 又Ｙ５ | 1.53 | 0.00 | | | -6.58 | | 0.06 | OK |
| | | | 5.78 | 2.495 | -5.05 | 115.34 | 0.04 | OK |
| 又Ｙ５ | 5.38 | 0.00 | | | -7.55 | | 0.07 | OK |
| | | | 3.25 | 1.403 | -2.17 | 114.55 | 0.02 | OK |
| 又Ｙ５ | 0.90 | 0.00 | | | -3.57 | | 0.03 | OK |
| | | | 20.40 | 8.802 | -2.67 | 112.41 | 0.02 | OK |
| 又 | 2.22 | 0.00 | | | -11.47 | | 0.10 | OK |
| | | | 5.45 | 2.351 | -9.25 | 110.17 | 0.08 | OK |
| 又 | 1.04 | 0.00 | | | -11.60 | | 0.11 | OK |
| | | | 10.46 | 4.513 | -10.56 | 109.01 | 0.10 | OK |
| 又 | 1.53 | 0.00 | | | -15.07 | | 0.14 | OK |
| | | | 11.40 | 4.919 | -13.54 | 107.37 | 0.13 | OK |
| 又 | 0.79 | 0.00 | | | -18.46 | | 0.17 | OK |
| | | | 1.27 | 0.549 | -17.67 | 106.41 | 0.17 | OK |
| Ｙ６ | 27.01 | 0.00 | | | -18.22 | | 0.17 | OK |
| | | | 34.49 | 14.881 | 8.79 | 103.52 | 0.08 | OK |
| 又 | 5.38 | 0.00 | | | -6.09 | | 0.06 | OK |
| | | | 33.73 | 14.553 | -0.71 | 38.92 | 0.02 | OK |
| 又 | 4.14 | 0.00 | | | -15.26 | | 0.39 | OK |
| | | | 12.99 | 5.603 | -11.12 | 34.82 | 0.32 | OK |
| Ｙ８ | 16.74 | 0.00 | | | -16.72 | | 0.48 | OK |

２階Ｙ＋方向

床面積合計（ΣＡｆ）＝455.05　　ＱＥ下＝198.03　　ＱＥ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｘ０ | 47.66 | 0.00 | | | | | | |
| | | | 66.94 | 29.132 | 47.66 | 106.40 | 0.45 | OK |
| Ｘ２ | 2.66 | 0.00 | | | 18.53 | | 0.17 | OK |
| | | | 18.46 | 8.033 | 21.19 | 106.40 | 0.20 | OK |
| Ｘ３ | 11.39 | 0.00 | | | 13.16 | | 0.12 | OK |
| | | | 65.01 | 28.293 | 24.55 | 106.40 | 0.23 | OK |
| Ｘ５ | 37.02 | 0.00 | | | -3.74 | | 0.04 | OK |
| | | | 119.99 | 52.216 | 33.28 | 42.19 | 0.79 | OK |
| 又Ｘ７ | 6.44 | 0.00 | | | -18.94 | | 0.45 | OK |
| | | | 30.43 | 13.242 | -12.50 | 42.19 | 0.30 | OK |
| | | | | | -25.74 | | 0.61 | OK |

２階Ｙ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X8 | 10.96 | 0.00 | | | | | | |
| | | | 15.72 | 6.842 | -14.78 | 42.19 | 0.35 | OK |
| X9 | 20.20 | 0.00 | | | -21.62 | | 0.51 | OK |
| | | | 14.98 | 6.519 | -1.42 | 34.10 | 0.04 | OK |
| X10 | 5.64 | 0.00 | | | -7.94 | | 0.23 | OK |
| | | | 1.80 | 0.783 | -2.30 | 34.38 | 0.07 | OK |
| 又X10 | 0.43 | 0.00 | | | -3.08 | | 0.09 | OK |
| | | | 5.85 | 2.545 | -2.65 | 34.38 | 0.08 | OK |
| 又X10 | 1.40 | 0.00 | | | -5.20 | | 0.15 | OK |
| | | | 2.78 | 1.208 | -3.80 | 34.38 | 0.11 | OK |
| 又X10 | 0.55 | 0.00 | | | -5.01 | | 0.15 | OK |
| | | | 14.54 | 6.326 | -4.46 | 34.38 | 0.13 | OK |
| 又X11 | 1.61 | 0.00 | | | -10.79 | | 0.31 | OK |
| | | | 0.78 | 0.338 | -9.18 | 34.38 | 0.27 | OK |
| 又X11 | 0.81 | 0.00 | | | -9.52 | | 0.28 | OK |
| | | | 2.59 | 1.129 | -8.71 | 34.38 | 0.25 | OK |
| 又X11 | 0.81 | 0.00 | | | -9.84 | | 0.29 | OK |
| | | | 12.76 | 5.553 | -9.03 | 34.08 | 0.26 | OK |
| 又X12 | 2.58 | 0.00 | | | -14.58 | | 0.43 | OK |
| | | | 3.83 | 1.665 | -12.00 | 33.21 | 0.36 | OK |
| 又X12 | 1.91 | 0.00 | | | -13.67 | | 0.41 | OK |
| | | | 14.05 | 6.113 | -11.76 | 30.47 | 0.39 | OK |
| 又X13 | 4.83 | 0.00 | | | -17.87 | | 0.59 | OK |
| | | | 3.29 | 1.431 | -13.04 | 27.69 | 0.47 | OK |
| 又X14 | 4.11 | 0.00 | | | -14.47 | | 0.52 | OK |
| | | | 2.38 | 1.035 | -10.36 | 26.65 | 0.39 | OK |
| 又X14 | 0.74 | 0.00 | | | -11.40 | | 0.43 | OK |
| | | | 7.16 | 3.114 | -10.66 | 23.96 | 0.44 | OK |
| 又X15 | 4.11 | 0.00 | | | -13.77 | | 0.57 | OK |
| | | | 6.20 | 2.697 | -9.66 | 22.11 | 0.44 | OK |
| 又X15 | 2.79 | 0.00 | | | -12.36 | | 0.56 | OK |
| | | | 3.22 | 1.402 | -9.57 | 19.85 | 0.48 | OK |
| 又X15 | 2.90 | 0.00 | | | -10.97 | | 0.55 | OK |
| | | | 1.30 | 0.568 | -8.07 | 19.72 | 0.41 | OK |
| 又X16 | 3.73 | 0.00 | | | -8.64 | | 0.44 | OK |
| | | | 5.22 | 2.271 | -4.91 | 20.09 | 0.24 | OK |
| 又X16 | 0.68 | 0.00 | | | -7.18 | | 0.36 | OK |
| | | | 8.43 | 3.666 | -6.50 | 20.88 | 0.31 | OK |
| 又X17 | 4.11 | 0.00 | | | -10.17 | | 0.49 | OK |
| | | | 5.76 | 2.506 | -6.06 | 21.70 | 0.28 | OK |
| 又X18 | 0.66 | 0.00 | | | -8.57 | | 0.39 | OK |
| | | | 3.98 | 1.731 | -7.91 | 21.74 | 0.36 | OK |
| 又X18 | 5.56 | 0.00 | | | -9.64 | | 0.44 | OK |
| | | | 5.31 | 2.311 | -4.08 | 19.12 | 0.21 | OK |
| 又X19 | 4.03 | 0.00 | | | -6.39 | | 0.33 | OK |
| | | | 5.07 | 2.207 | -2.36 | 16.57 | 0.14 | OK |
| 又X20 | 4.83 | 0.00 | | | -4.57 | | 0.28 | OK |
| | | | 4.20 | 1.830 | 0.26 | 11.93 | 0.02 | OK |
| 又X21 | 1.61 | 0.00 | | | -1.57 | | 0.13 | OK |
| | | | 3.05 | 1.326 | 0.04 | 4.64 | 0.01 | OK |
| 又 | 1.30 | 0.00 | | | -1.29 | | 0.28 | OK |

２階Ｙ－方向

床面積合計（ΣＡｆ）＝455.05　　ＱＥ下＝198.03　　ＱＥ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X0 | 50.04 | 0.00 | | | | | | |
| | | | 66.94 | 29.132 | 50.04 | 106.40 | 0.47 | OK |
| X2 | 2.63 | 0.00 | | | 20.91 | | 0.20 | OK |
| | | | 18.46 | 8.033 | 23.54 | 106.40 | 0.22 | OK |
| X3 | 11.27 | 0.00 | | | 15.51 | | 0.15 | OK |
| | | | 65.01 | 28.293 | 26.78 | 106.40 | 0.25 | OK |
| | | | | | -1.51 | | 0.01 | OK |

２階Ｙ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X5 | 36.05 | 0.00 | | | | | | |
| | | | 119.99 | 52.216 | 34.54 | 42.19 | 0.82 | OK |
| 又X7 | 6.37 | 0.00 | | | -17.68 | | 0.42 | OK |
| | | | 30.43 | 13.242 | -11.31 | 42.19 | 0.27 | OK |
| X8 | 10.85 | 0.00 | | | -24.55 | | 0.58 | OK |
| | | | 15.72 | 6.842 | -13.70 | 42.19 | 0.32 | OK |
| X9 | 20.00 | 0.00 | | | -20.54 | | 0.49 | OK |
| | | | 14.98 | 6.519 | -0.54 | 34.10 | 0.02 | OK |
| X10 | 5.59 | 0.00 | | | -7.06 | | 0.21 | OK |
| | | | 1.80 | 0.783 | -1.47 | 34.38 | 0.04 | OK |
| 又X10 | 0.71 | 0.00 | | | -2.25 | | 0.07 | OK |
| | | | 5.85 | 2.545 | -1.54 | 34.38 | 0.04 | OK |
| 又X10 | 1.39 | 0.00 | | | -4.09 | | 0.12 | OK |
| | | | 2.78 | 1.208 | -2.70 | 34.38 | 0.08 | OK |
| 又X10 | 0.91 | 0.00 | | | -3.91 | | 0.11 | OK |
| | | | 14.54 | 6.326 | -3.00 | 34.38 | 0.09 | OK |
| 又X11 | 1.59 | 0.00 | | | -9.33 | | 0.27 | OK |
| | | | 0.78 | 0.338 | -7.74 | 34.38 | 0.23 | OK |
| 又X11 | 0.80 | 0.00 | | | -8.08 | | 0.24 | OK |
| | | | 2.59 | 1.129 | -7.28 | 34.38 | 0.21 | OK |
| 又X11 | 0.80 | 0.00 | | | -8.41 | | 0.24 | OK |
| | | | 12.76 | 5.553 | -7.61 | 34.08 | 0.22 | OK |
| 又X12 | 2.55 | 0.00 | | | -13.16 | | 0.39 | OK |
| | | | 3.83 | 1.665 | -10.61 | 33.21 | 0.32 | OK |
| 又X12 | 1.89 | 0.00 | | | -12.27 | | 0.37 | OK |
| | | | 14.05 | 6.113 | -10.38 | 30.47 | 0.34 | OK |
| 又X13 | 2.87 | 0.00 | | | -16.49 | | 0.54 | OK |
| | | | 3.29 | 1.431 | -13.62 | 27.69 | 0.49 | OK |
| 又X14 | 4.07 | 0.00 | | | -15.05 | | 0.54 | OK |
| | | | 2.38 | 1.035 | -10.98 | 26.65 | 0.41 | OK |
| 又X14 | 1.22 | 0.00 | | | -12.02 | | 0.45 | OK |
| | | | 7.16 | 3.114 | -10.80 | 23.96 | 0.45 | OK |
| 又X15 | 4.07 | 0.00 | | | -13.91 | | 0.58 | OK |
| | | | 6.20 | 2.697 | -9.84 | 22.11 | 0.45 | OK |
| 又X15 | 2.76 | 0.00 | | | -12.54 | | 0.57 | OK |
| | | | 3.22 | 1.402 | -9.78 | 19.85 | 0.49 | OK |
| 又X15 | 4.79 | 0.00 | | | -11.18 | | 0.56 | OK |
| | | | 1.30 | 0.568 | -6.39 | 19.72 | 0.32 | OK |
| 又X16 | 3.69 | 0.00 | | | -6.96 | | 0.35 | OK |
| | | | 5.22 | 2.271 | -3.27 | 20.09 | 0.16 | OK |
| 又X16 | 1.12 | 0.00 | | | -5.54 | | 0.28 | OK |
| | | | 8.43 | 3.666 | -4.42 | 20.88 | 0.21 | OK |
| 又X17 | 4.07 | 0.00 | | | -8.09 | | 0.39 | OK |
| | | | 5.76 | 2.506 | -4.02 | 21.70 | 0.19 | OK |
| 又X18 | 1.09 | 0.00 | | | -6.53 | | 0.30 | OK |
| | | | 3.98 | 1.731 | -5.44 | 21.74 | 0.25 | OK |
| 又X18 | 5.50 | 0.00 | | | -7.17 | | 0.33 | OK |
| | | | 5.31 | 2.311 | -1.67 | 19.12 | 0.09 | OK |
| 又X19 | 3.34 | 0.00 | | | -3.98 | | 0.21 | OK |
| | | | 5.07 | 2.207 | -0.64 | 16.57 | 0.04 | OK |
| 又X20 | 2.87 | 0.00 | | | -2.85 | | 0.17 | OK |
| | | | 4.20 | 1.830 | 0.02 | 11.93 | 0.00 | OK |
| 又X21 | 0.95 | 0.00 | | | -1.81 | | 0.15 | OK |
| | | | 3.05 | 1.326 | -0.86 | 4.64 | 0.19 | OK |
| 又 | 2.16 | 0.00 | | | -2.19 | | 0.47 | OK |

１階Ｘ＋方向

床面積合計（ΣＡｆ）＝482.36　　ＱＥ下＝433.57　　ＱＥ上＝198.03

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| YO | 45.53 | 0.00 | | | | | | |
| | | | 17.17 | 8.382 | 45.53 | 58.05 | 0.78 | OK |
| | | | | | 37.15 | | 0.64 | OK |

１階Ｘ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| (Y１) | 0.00 | 20.02 | | | | | | |
| | | | 18.78 | 9.169 | 17.13 | 91.76 | 0.19 | OK |
| 又 | 5.51 | 0.00 | | | 7.96 | | 0.09 | OK |
| | | | 8.74 | 4.266 | 13.47 | 94.85 | 0.14 | OK |
| 又 | 3.31 | 0.00 | | | 9.20 | | 0.10 | OK |
| | | | 9.55 | 4.665 | 12.51 | 101.31 | 0.12 | OK |
| (又) | 0.00 | 3.40 | | | 7.85 | | 0.08 | OK |
| | | | 8.74 | 4.266 | 4.45 | 107.78 | 0.04 | OK |
| (又) | 0.00 | 3.09 | | | 0.18 | | 0.00 | OK |
| | | | 3.22 | 1.572 | -2.91 | 111.83 | 0.03 | OK |
| 又 | 2.20 | 1.79 | | | -4.48 | | 0.04 | OK |
| | | | 40.99 | 20.018 | -4.07 | 115.00 | 0.04 | OK |
| Y２ | 55.59 | 0.00 | | | -24.09 | | 0.21 | OK |
| | | | 23.11 | 11.286 | 31.50 | 121.69 | 0.26 | OK |
| (又) | 0.00 | 1.07 | | | 20.21 | | 0.17 | OK |
| | | | 9.61 | 4.695 | 19.14 | 123.95 | 0.15 | OK |
| 又 | 1.65 | 0.00 | | | 14.45 | | 0.12 | OK |
| | | | 16.03 | 7.828 | 16.10 | 132.90 | 0.12 | OK |
| 又 | 0.99 | 0.00 | | | 8.27 | | 0.06 | OK |
| | | | 8.79 | 4.294 | 9.26 | 141.38 | 0.07 | OK |
| 又 | 1.51 | 1.79 | | | 4.97 | | 0.04 | OK |
| | | | 5.57 | 2.718 | 4.69 | 145.92 | 0.03 | OK |
| Y３ | 68.82 | 32.64 | | | 1.97 | | 0.01 | OK |
| | | | 11.77 | 5.748 | 38.15 | 148.39 | 0.26 | OK |
| 又Y３ | 2.65 | 0.00 | | | 32.40 | | 0.22 | OK |
| | | | 1.15 | 0.560 | 35.05 | 149.25 | 0.23 | OK |
| (又Y３) | 0.00 | 3.76 | | | 34.49 | | 0.23 | OK |
| | | | 1.53 | 0.746 | 30.73 | 149.43 | 0.21 | OK |
| 又Y３ | 1.51 | 0.00 | | | 29.98 | | 0.20 | OK |
| | | | 9.04 | 4.417 | 31.49 | 150.12 | 0.21 | OK |
| 又 | 5.28 | 0.00 | | | 27.07 | | 0.18 | OK |
| | | | 18.86 | 9.207 | 32.35 | 151.10 | 0.21 | OK |
| 又 | 12.03 | 4.12 | | | 23.14 | | 0.15 | OK |
| | | | 3.15 | 1.537 | 31.05 | 153.39 | 0.20 | OK |
| 又 | 2.98 | 0.00 | | | 29.51 | | 0.19 | OK |
| | | | 13.38 | 6.533 | 32.49 | 154.46 | 0.21 | OK |
| Y４ | 7.59 | 0.00 | | | 25.96 | | 0.17 | OK |
| | | | 0.20 | 0.097 | 33.55 | 155.34 | 0.22 | OK |
| 又Y４ | 7.84 | 0.00 | | | 33.45 | | 0.22 | OK |
| | | | 1.52 | 0.742 | 41.29 | 155.45 | 0.27 | OK |
| (又Y４) | 0.00 | 8.59 | | | 40.55 | | 0.26 | OK |
| | | | 4.07 | 1.988 | 31.96 | 155.81 | 0.21 | OK |
| 又Y４ | 7.91 | 0.00 | | | 29.97 | | 0.19 | OK |
| | | | 6.49 | 3.169 | 37.88 | 156.48 | 0.24 | OK |
| 又Y４ | 7.84 | 0.00 | | | 34.71 | | 0.22 | OK |
| | | | 5.21 | 2.544 | 42.55 | 157.23 | 0.27 | OK |
| 又Y４ | 1.11 | 0.00 | | | 40.01 | | 0.25 | OK |
| | | | 6.64 | 3.245 | 41.12 | 157.71 | 0.26 | OK |
| 又Y４ | 7.91 | 1.53 | | | 37.88 | | 0.24 | OK |
| | | | 14.83 | 7.242 | 44.26 | 158.71 | 0.28 | OK |
| 又 | 2.21 | 0.00 | | | 37.02 | | 0.23 | OK |
| | | | 3.83 | 1.870 | 39.23 | 160.47 | 0.24 | OK |
| 又 | 13.19 | 0.00 | | | 37.36 | | 0.23 | OK |
| | | | 13.06 | 6.377 | 50.55 | 135.15 | 0.37 | OK |
| 又 | 7.91 | 0.00 | | | 44.17 | | 0.33 | OK |
| | | | 1.87 | 0.913 | 52.08 | 135.66 | 0.38 | OK |
| (又) | 0.00 | 4.70 | | | 51.17 | | 0.38 | OK |
| | | | 3.08 | 1.502 | 46.47 | 135.97 | 0.34 | OK |
| 又 | 1.11 | 0.00 | | | 44.97 | | 0.33 | OK |
| | | | 0.28 | 0.135 | 46.08 | 136.17 | 0.34 | OK |
| (又) | 0.00 | 2.07 | | | 45.95 | | 0.34 | OK |
| | | | 9.35 | 4.568 | 43.88 | 136.76 | 0.32 | OK |
| (又) | 0.00 | 0.47 | | | 39.31 | | 0.29 | OK |
| | | | 3.95 | 1.928 | 38.84 | 137.44 | 0.28 | OK |
| | | | | | 36.91 | | 0.27 | OK |

１階Ｘ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| (又) | 0.00 | 6.91 | | | | | | |
| | | | 5.44 | 2.654 | 30.00 | 136.82 | 0.22 | OK |
| 又 | 18.26 | 4.70 | | | 27.35 | | 0.20 | OK |
| | | | 12.79 | 6.244 | 40.91 | 133.53 | 0.31 | OK |
| (又) | 0.00 | 3.23 | | | 34.67 | | 0.26 | OK |
| | | | 7.40 | 3.615 | 31.44 | 128.09 | 0.25 | OK |
| (又) | 0.00 | 5.09 | | | 27.83 | | 0.22 | OK |
| | | | 0.25 | 0.120 | 22.74 | 124.86 | 0.18 | OK |
| (Y５) | 0.00 | 21.45 | | | 22.62 | | 0.18 | OK |
| | | | 11.30 | 5.519 | 1.17 | 119.88 | 0.01 | OK |
| 又Y５ | 4.55 | 0.00 | | | -4.35 | | 0.04 | OK |
| | | | 0.35 | 0.173 | 0.20 | 114.85 | 0.00 | OK |
| (又Y５) | 0.00 | 1.53 | | | 0.03 | | 0.00 | OK |
| | | | 5.78 | 2.825 | -1.50 | 112.15 | 0.01 | OK |
| (又Y５) | 0.00 | 3.23 | | | -4.33 | | 0.04 | OK |
| | | | 3.25 | 1.588 | -7.56 | 108.15 | 0.07 | OK |
| (又Y５) | 0.00 | 0.90 | | | -9.15 | | 0.08 | OK |
| | | | 2.52 | 1.230 | -10.05 | 104.51 | 0.10 | OK |
| 又Y５ | 8.82 | 0.00 | | | -11.28 | | 0.11 | OK |
| | | | 0.28 | 0.135 | -2.46 | 104.44 | 0.02 | OK |
| 又Y５ | 4.55 | 0.00 | | | -2.60 | | 0.02 | OK |
| | | | 17.61 | 8.598 | 1.95 | 100.91 | 0.02 | OK |
| (又) | 0.00 | 3.72 | | | -6.65 | | 0.07 | OK |
| | | | 5.45 | 2.662 | -10.37 | 96.32 | 0.11 | OK |
| 又 | 2.24 | 1.04 | | | -13.03 | | 0.14 | OK |
| | | | 10.46 | 5.108 | -11.83 | 95.94 | 0.12 | OK |
| 又 | 9.15 | 1.53 | | | -16.94 | | 0.18 | OK |
| | | | 6.31 | 3.082 | -9.32 | 97.12 | 0.10 | OK |
| 又 | 4.55 | 0.00 | | | -12.40 | | 0.13 | OK |
| | | | 5.09 | 2.486 | -7.85 | 97.93 | 0.08 | OK |
| (又) | 0.00 | 0.79 | | | -10.34 | | 0.11 | OK |
| | | | 1.27 | 0.621 | -11.13 | 98.40 | 0.11 | OK |
| (Y６) | 0.00 | 27.03 | | | -11.75 | | 0.12 | OK |
| | | | 4.21 | 2.055 | -38.78 | 98.80 | 0.39 | OK |
| 又Y６ | 4.55 | 0.00 | | | -40.84 | | 0.41 | OK |
| | | | 20.41 | 9.966 | -36.29 | 99.68 | 0.36 | OK |
| 又 | 1.82 | 0.00 | | | -46.26 | | 0.46 | OK |
| | | | 9.16 | 4.472 | -44.44 | 95.90 | 0.46 | OK |
| (又) | 0.00 | 5.39 | | | -48.91 | | 0.51 | OK |
| | | | 5.51 | 2.689 | -54.30 | 92.28 | 0.59 | OK |
| Y７ | 24.92 | 0.00 | | | -56.99 | | 0.62 | OK |
| | | | 2.65 | 1.292 | -32.07 | 90.22 | 0.36 | OK |
| 又Y７ | 1.70 | 0.00 | | | -33.36 | | 0.37 | OK |
| | | | 25.40 | 12.404 | -31.66 | 83.27 | 0.38 | OK |
| 又 | 4.55 | 5.12 | | | -44.06 | | 0.53 | OK |
| | | | 7.92 | 3.869 | -44.63 | 100.07 | 0.45 | OK |
| 又 | 3.31 | 0.00 | | | -48.50 | | 0.48 | OK |
| | | | 5.25 | 2.561 | -45.19 | 96.11 | 0.47 | OK |
| Y８ | 52.34 | 17.34 | | | -47.75 | | 0.50 | OK |
| | | | 2.75 | 1.344 | -12.75 | 22.51 | 0.57 | OK |
| Y９ | 14.10 | 0.00 | | | -14.09 | | 0.63 | OK |

１階Ｘ－方向

床面積合計（ΣＡｆ）＝482.36　　ＱＥ下＝433.57　　ＱＥ上＝198.03

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Y０ | 44.86 | 0.00 | | | | | | |
| | | | 17.17 | 8.382 | 44.86 | 58.05 | 0.77 | OK |
| (Y１) | 0.00 | 21.56 | | | 36.48 | | 0.63 | OK |
| | | | 18.78 | 9.169 | 14.92 | 91.76 | 0.16 | OK |
| 又 | 5.43 | 0.00 | | | 5.75 | | 0.06 | OK |
| | | | 8.74 | 4.266 | 11.18 | 94.85 | 0.12 | OK |
| | | | | | 6.91 | | 0.07 | OK |

１階Ｘ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又 | 3.26 | 0.00 | | | | | | |
| | | | 9.55 | 4.665 | 10.17 | 101.31 | 0.10 | OK |
| (又) | 0.00 | 3.40 | | | 5.51 | | 0.05 | OK |
| | | | 8.74 | 4.266 | 2.11 | 107.78 | 0.02 | OK |
| (又) | 0.00 | 1.86 | | | -2.16 | | 0.02 | OK |
| | | | 3.22 | 1.572 | -4.02 | 111.83 | 0.04 | OK |
| 又 | 2.17 | 1.07 | | | -5.59 | | 0.05 | OK |
| | | | 40.99 | 20.018 | -4.49 | 115.00 | 0.04 | OK |
| Y2 | 54.77 | 0.00 | | | -24.51 | | 0.21 | OK |
| | | | 23.11 | 11.286 | 30.26 | 121.69 | 0.25 | OK |
| (又) | 0.00 | 1.79 | | | 18.97 | | 0.16 | OK |
| | | | 9.61 | 4.695 | 17.18 | 123.95 | 0.14 | OK |
| 又 | 0.97 | 0.00 | | | 12.49 | | 0.10 | OK |
| | | | 16.03 | 7.828 | 13.46 | 132.90 | 0.10 | OK |
| 又 | 1.62 | 0.00 | | | 5.63 | | 0.04 | OK |
| | | | 8.79 | 4.294 | 7.25 | 141.38 | 0.05 | OK |
| 又 | 1.49 | 1.07 | | | 2.96 | | 0.02 | OK |
| | | | 5.57 | 2.718 | 3.38 | 145.92 | 0.02 | OK |
| Y3 | 67.80 | 34.76 | | | 0.66 | | 0.00 | OK |
| | | | 11.77 | 5.748 | 33.70 | 148.39 | 0.23 | OK |
| 又Y3 | 2.62 | 0.00 | | | 27.95 | | 0.19 | OK |
| | | | 1.15 | 0.560 | 30.57 | 149.25 | 0.20 | OK |
| (又Y3) | 0.00 | 2.25 | | | 30.01 | | 0.20 | OK |
| | | | 1.53 | 0.746 | 27.76 | 149.43 | 0.19 | OK |
| 又Y3 | 1.49 | 0.00 | | | 27.01 | | 0.18 | OK |
| | | | 9.04 | 4.417 | 28.50 | 150.12 | 0.19 | OK |
| 又 | 3.12 | 0.00 | | | 24.08 | | 0.16 | OK |
| | | | 18.86 | 9.207 | 27.20 | 151.10 | 0.18 | OK |
| 又 | 11.85 | 2.46 | | | 17.99 | | 0.12 | OK |
| | | | 3.15 | 1.537 | 27.38 | 153.39 | 0.18 | OK |
| 又 | 2.94 | 0.00 | | | 25.84 | | 0.17 | OK |
| | | | 13.38 | 6.533 | 28.78 | 154.46 | 0.19 | OK |
| Y4 | 8.75 | 0.00 | | | 22.25 | | 0.14 | OK |
| | | | 0.20 | 0.097 | 31.00 | 155.34 | 0.20 | OK |
| 又Y4 | 7.72 | 0.00 | | | 30.90 | | 0.20 | OK |
| | | | 1.52 | 0.742 | 38.62 | 155.45 | 0.25 | OK |
| (又Y4) | 0.00 | 8.58 | | | 37.88 | | 0.24 | OK |
| | | | 4.07 | 1.988 | 29.30 | 155.81 | 0.19 | OK |
| 又Y4 | 7.80 | 0.00 | | | 27.31 | | 0.18 | OK |
| | | | 6.49 | 3.169 | 35.11 | 156.48 | 0.22 | OK |
| 又Y4 | 7.72 | 0.00 | | | 31.94 | | 0.20 | OK |
| | | | 5.21 | 2.544 | 39.66 | 157.23 | 0.25 | OK |
| 又Y4 | 1.09 | 0.00 | | | 37.12 | | 0.24 | OK |
| | | | 6.64 | 3.245 | 38.21 | 157.71 | 0.24 | OK |
| 又Y4 | 7.80 | 1.53 | | | 34.97 | | 0.22 | OK |
| | | | 14.83 | 7.242 | 41.24 | 158.71 | 0.26 | OK |
| 又 | 2.18 | 0.00 | | | 34.00 | | 0.21 | OK |
| | | | 3.83 | 1.870 | 36.18 | 160.47 | 0.23 | OK |
| 又 | 13.00 | 0.00 | | | 34.31 | | 0.21 | OK |
| | | | 13.06 | 6.377 | 47.31 | 135.15 | 0.35 | OK |
| 又 | 7.80 | 0.00 | | | 40.93 | | 0.30 | OK |
| | | | 1.87 | 0.913 | 48.73 | 135.66 | 0.36 | OK |
| (又) | 0.00 | 4.69 | | | 47.82 | | 0.35 | OK |
| | | | 3.08 | 1.502 | 43.13 | 135.97 | 0.32 | OK |
| 又 | 1.09 | 0.00 | | | 41.63 | | 0.31 | OK |
| | | | 0.28 | 0.135 | 42.72 | 136.17 | 0.31 | OK |
| (又) | 0.00 | 2.07 | | | 42.59 | | 0.31 | OK |
| | | | 9.35 | 4.568 | 40.52 | 136.76 | 0.30 | OK |
| (又) | 0.00 | 0.80 | | | 35.95 | | 0.26 | OK |
| | | | 3.95 | 1.928 | 35.15 | 137.44 | 0.26 | OK |
| (又) | 0.00 | 6.91 | | | 33.22 | | 0.24 | OK |
| | | | 5.44 | 2.654 | 26.31 | 136.82 | 0.19 | OK |
| 又 | 17.99 | 4.69 | | | 23.66 | | 0.17 | OK |
| | | | 12.79 | 6.244 | 36.96 | 133.53 | 0.28 | OK |
| | | | | | 30.72 | | 0.23 | OK |

１階Ｘ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| (又) | 0.00 | 5.38 | | | | | | |
| | | | 7.40 | 3.615 | 25.34 | 128.09 | 0.20 | OK |
| (又) | 0.00 | 5.09 | | | 21.73 | | 0.17 | OK |
| | | | 0.25 | 0.120 | 16.64 | 124.86 | 0.13 | OK |
| (Y５) | 0.00 | 21.43 | | | 16.52 | | 0.13 | OK |
| | | | 11.30 | 5.519 | -4.91 | 119.88 | 0.04 | OK |
| 又Y５ | 4.48 | 0.00 | | | -10.43 | | 0.09 | OK |
| | | | 0.35 | 0.173 | -5.95 | 114.85 | 0.05 | OK |
| (又Y５) | 0.00 | 1.53 | | | -6.12 | | 0.05 | OK |
| | | | 5.78 | 2.825 | -7.65 | 112.15 | 0.07 | OK |
| (又Y５) | 0.00 | 5.38 | | | -10.48 | | 0.09 | OK |
| | | | 3.25 | 1.588 | -15.86 | 108.15 | 0.15 | OK |
| (又Y５) | 0.00 | 0.90 | | | -17.45 | | 0.16 | OK |
| | | | 2.52 | 1.230 | -18.35 | 104.51 | 0.18 | OK |
| 又Y５ | 8.69 | 0.00 | | | -19.58 | | 0.19 | OK |
| | | | 0.28 | 0.135 | -10.89 | 104.44 | 0.10 | OK |
| 又Y５ | 4.48 | 0.00 | | | -11.03 | | 0.11 | OK |
| | | | 17.61 | 8.598 | -6.55 | 100.91 | 0.06 | OK |
| (又) | 0.00 | 2.22 | | | -15.15 | | 0.15 | OK |
| | | | 5.45 | 2.662 | -17.37 | 96.32 | 0.18 | OK |
| 又 | 2.21 | 1.04 | | | -20.03 | | 0.21 | OK |
| | | | 10.46 | 5.108 | -18.86 | 95.94 | 0.20 | OK |
| 又 | 9.01 | 1.53 | | | -23.97 | | 0.25 | OK |
| | | | 6.31 | 3.082 | -16.49 | 97.12 | 0.17 | OK |
| 又 | 4.48 | 0.00 | | | -19.57 | | 0.20 | OK |
| | | | 5.09 | 2.486 | -15.09 | 97.93 | 0.15 | OK |
| (又) | 0.00 | 0.79 | | | -17.58 | | 0.18 | OK |
| | | | 1.27 | 0.621 | -18.37 | 98.40 | 0.19 | OK |
| (Y６) | 0.00 | 27.01 | | | -18.99 | | 0.19 | OK |
| | | | 4.21 | 2.055 | -46.00 | 98.80 | 0.47 | OK |
| 又Y６ | 4.48 | 0.00 | | | -48.06 | | 0.49 | OK |
| | | | 20.41 | 9.966 | -43.58 | 99.68 | 0.44 | OK |
| 又 | 1.79 | 0.00 | | | -53.55 | | 0.54 | OK |
| | | | 9.16 | 4.472 | -51.76 | 95.90 | 0.54 | OK |
| (又) | 0.00 | 5.38 | | | -56.23 | | 0.59 | OK |
| | | | 5.51 | 2.689 | -61.61 | 92.28 | 0.67 | OK |
| Y７ | 28.80 | 0.00 | | | -64.30 | | 0.70 | OK |
| | | | 2.65 | 1.292 | -35.50 | 90.22 | 0.39 | OK |
| 又Y７ | 2.80 | 0.00 | | | -36.79 | | 0.41 | OK |
| | | | 25.40 | 12.404 | -33.99 | 83.27 | 0.41 | OK |
| 又 | 4.48 | 4.14 | | | -46.39 | | 0.56 | OK |
| | | | 7.92 | 3.869 | -46.05 | 100.07 | 0.46 | OK |
| 又 | 3.26 | 0.00 | | | -49.92 | | 0.50 | OK |
| | | | 5.25 | 2.561 | -46.66 | 96.11 | 0.49 | OK |
| Y８ | 51.57 | 16.74 | | | -49.22 | | 0.51 | OK |
| | | | 2.75 | 1.344 | -14.39 | 22.51 | 0.64 | OK |
| Y９ | 15.71 | 0.00 | | | -15.73 | | 0.70 | OK |

１階Ｙ＋方向

床面積合計（ΣＡｆ）＝477.89　　ＱＥ下＝433.57　　ＱＥ上＝196.73

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X０ | 102.60 | 47.66 | | | | | | |
| | | | 72.07 | 35.718 | 54.94 | 130.14 | 0.42 | OK |
| (X２) | 0.00 | 2.66 | | | 19.22 | | 0.15 | OK |
| | | | 19.87 | 9.850 | 16.56 | 130.14 | 0.13 | OK |
| X３ | 24.59 | 11.39 | | | 6.71 | | 0.05 | OK |
| | | | 37.24 | 18.455 | 19.91 | 130.14 | 0.15 | OK |
| X４ | 44.20 | 0.00 | | | 1.46 | | 0.01 | OK |
| | | | 16.10 | 7.979 | 45.66 | 123.37 | 0.37 | OK |
| | 11.17 | 0.00 | | | 37.68 | | 0.31 | OK |
| | | | 16.04 | 7.949 | 48.85 | 123.37 | 0.40 | OK |
| | | | | | 40.90 | | 0.33 | OK |

１階Ｙ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 | Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|
| (Ｘ５) | 0.00 | 37.02 | | | | | | | |
| Ｘ６ | 14.19 | 0.00 | 87.57 | 43.400 | 3.88 | -39.52 | 80.56 | 0.05 | OK |
| | | | | | | | | 0.49 | OK |
| Ｘ７ | 41.63 | 0.00 | 34.22 | 16.957 | -25.33 | -42.29 | 80.56 | 0.31 | OK |
| | | | | | | | | 0.52 | OK |
| (又Ｘ７) | 0.00 | 6.44 | 4.70 | 2.332 | -0.66 | -2.99 | 123.37 | 0.01 | OK |
| | | | | | | | | 0.02 | OK |
| Ｘ８ | 8.14 | 10.96 | 32.08 | 15.897 | -9.43 | -25.33 | 123.37 | 0.08 | OK |
| | | | | | | | | 0.21 | OK |
| Ｘ９ | 88.18 | 20.20 | 16.57 | 8.214 | -28.15 | -36.36 | 123.37 | 0.23 | OK |
| | | | | | | | | 0.29 | OK |
| 又Ｘ９ | 2.45 | 0.00 | 5.42 | 2.685 | 31.62 | 28.94 | 103.61 | 0.31 | OK |
| | | | | | | | | 0.28 | OK |
| (X10) | 0.00 | 5.64 | 10.72 | 5.312 | 31.39 | 26.08 | 104.40 | 0.30 | OK |
| | | | | | | | | 0.25 | OK |
| 又X10 | 1.39 | 0.43 | 1.94 | 0.960 | 20.44 | 19.48 | 103.91 | 0.20 | OK |
| | | | | | | | | 0.19 | OK |
| (又X10) | 0.00 | 1.40 | 6.33 | 3.139 | 20.44 | 17.30 | 100.78 | 0.20 | OK |
| | | | | | | | | 0.17 | OK |
| (又X10) | 0.00 | 0.55 | 3.03 | 1.502 | 15.90 | 14.40 | 97.24 | 0.16 | OK |
| | | | | | | | | 0.15 | OK |
| 又X10 | 1.02 | 0.00 | 4.84 | 2.399 | 13.85 | 11.45 | 94.29 | 0.15 | OK |
| | | | | | | | | 0.12 | OK |
| 又X11 | 1.02 | 0.00 | 1.58 | 0.782 | 12.47 | 11.69 | 91.88 | 0.14 | OK |
| | | | | | | | | 0.13 | OK |
| (又X11) | 0.00 | 1.61 | 9.13 | 4.523 | 12.71 | 8.19 | 87.86 | 0.14 | OK |
| | | | | | | | | 0.09 | OK |
| (又X11) | 0.00 | 0.81 | 0.83 | 0.409 | 6.58 | 6.17 | 84.12 | 0.08 | OK |
| | | | | | | | | 0.07 | OK |
| 又X11 | 5.19 | 0.00 | 0.26 | 0.128 | 5.36 | 5.23 | 83.71 | 0.06 | OK |
| | | | | | | | | 0.06 | OK |
| (又X11) | 0.00 | 0.81 | 2.42 | 1.197 | 10.42 | 9.22 | 83.61 | 0.12 | OK |
| | | | | | | | | 0.11 | OK |
| 又X11 | 1.02 | 0.00 | 1.58 | 0.783 | 8.41 | 7.63 | 83.61 | 0.10 | OK |
| | | | | | | | | 0.09 | OK |
| (又X12) | 0.00 | 2.58 | 11.91 | 5.902 | 8.65 | 2.75 | 75.29 | 0.11 | OK |
| | | | | | | | | 0.04 | OK |
| 又X12 | 5.91 | 0.00 | 0.43 | 0.214 | 0.17 | -0.04 | 74.26 | 0.00 | OK |
| | | | | | | | | 0.00 | OK |
| 又X12 | 2.23 | 0.00 | 0.56 | 0.276 | 5.87 | 5.59 | 73.87 | 0.08 | OK |
| | | | | | | | | 0.08 | OK |
| 又X12 | 2.41 | 0.00 | 0.74 | 0.368 | 7.82 | 7.45 | 73.37 | 0.11 | OK |
| | | | | | | | | 0.10 | OK |
| 又X12 | 6.10 | 1.91 | 2.32 | 1.149 | 9.86 | 8.71 | 72.17 | 0.14 | OK |
| | | | | | | | | 0.12 | OK |
| 又X13 | 4.07 | 0.00 | 5.96 | 2.952 | 12.90 | 9.95 | 68.66 | 0.19 | OK |
| | | | | | | | | 0.14 | OK |
| 又X13 | 2.41 | 0.00 | 4.19 | 2.077 | 14.02 | 11.94 | 66.07 | 0.21 | OK |
| | | | | | | | | 0.18 | OK |
| 又X13 | 6.10 | 4.83 | 3.90 | 1.933 | 14.35 | 12.42 | 66.07 | 0.22 | OK |
| | | | | | | | | 0.19 | OK |
| (又X14) | 0.00 | 4.11 | 3.29 | 1.630 | 13.69 | 12.06 | 66.07 | 0.21 | OK |
| | | | | | | | | 0.18 | OK |
| (又X14) | 0.00 | 0.74 | 2.38 | 1.179 | 7.95 | 6.77 | 66.07 | 0.12 | OK |
| | | | | | | | | 0.10 | OK |
| 又X14 | 3.70 | 0.00 | 1.24 | 0.616 | 6.03 | 5.41 | 66.07 | 0.09 | OK |
| | | | | | | | | 0.08 | OK |
| (又X15) | 0.00 | 4.11 | 5.78 | 2.865 | 9.11 | 6.24 | 66.07 | 0.14 | OK |
| | | | | | | | | 0.09 | OK |
| 又X15 | 2.45 | 0.00 | 4.60 | 2.279 | 2.13 | -0.15 | 63.22 | 0.03 | OK |
| | | | | | | | | 0.00 | OK |
| (又X15) | 0.00 | 2.79 | 1.13 | 0.559 | 2.30 | 1.74 | 59.65 | 0.04 | OK |
| | | | | | | | | 0.03 | OK |
| | | | 0.96 | 0.474 | -1.05 | -1.52 | 58.33 | 0.02 | OK |
| | | | | | | | | 0.03 | OK |

１階Ｙ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又X15 | 8.29 | 0.00 | | | | | | |
| | | | 1.95 | 0.967 | 6.77 | 56.48 | 0.12 | OK |
| 又X15 | 4.59 | 2.90 | | | 5.80 | | 0.10 | OK |
| | | | 1.19 | 0.592 | 7.49 | 55.23 | 0.14 | OK |
| 又X16 | 7.61 | 3.73 | | | 6.90 | | 0.12 | OK |
| | | | 5.22 | 2.586 | 10.78 | 55.23 | 0.20 | OK |
| (又X16) | 0.00 | 0.68 | | | 8.19 | | 0.15 | OK |
| | | | 1.15 | 0.568 | 7.51 | 55.23 | 0.14 | OK |
| 又X16 | 2.45 | 0.00 | | | 6.94 | | 0.13 | OK |
| | | | 1.04 | 0.516 | 9.39 | 55.23 | 0.17 | OK |
| 又X16 | 1.39 | 0.00 | | | 8.87 | | 0.16 | OK |
| | | | 6.24 | 3.092 | 10.26 | 55.23 | 0.19 | OK |
| (又X17) | 0.00 | 4.11 | | | 7.17 | | 0.13 | OK |
| | | | 0.28 | 0.138 | 3.06 | 55.23 | 0.06 | OK |
| 又X17 | 2.75 | 0.00 | | | 2.92 | | 0.05 | OK |
| | | | 5.48 | 2.716 | 5.67 | 55.23 | 0.10 | OK |
| (又X18) | 0.00 | 0.66 | | | 2.95 | | 0.05 | OK |
| | | | 3.98 | 1.972 | 2.29 | 53.47 | 0.04 | OK |
| (又X18) | 0.00 | 5.56 | | | 0.32 | | 0.01 | OK |
| | | | 5.31 | 2.632 | -5.24 | 44.39 | 0.12 | OK |
| (又X19) | 0.00 | 4.03 | | | -7.87 | | 0.18 | OK |
| | | | 1.69 | 0.839 | -11.90 | 41.30 | 0.29 | OK |
| 又X19 | 4.20 | 0.00 | | | -12.74 | | 0.31 | OK |
| | | | 1.15 | 0.572 | -8.54 | 38.62 | 0.22 | OK |
| 又X19 | 1.39 | 0.00 | | | -9.11 | | 0.24 | OK |
| | | | 1.87 | 0.925 | -7.72 | 35.53 | 0.22 | OK |
| 又X20 | 5.11 | 4.83 | | | -8.65 | | 0.24 | OK |
| | | | 2.59 | 1.284 | -8.37 | 30.18 | 0.28 | OK |
| 又X20 | 1.39 | 0.00 | | | -9.65 | | 0.32 | OK |
| | | | 1.61 | 0.800 | -8.26 | 24.08 | 0.34 | OK |
| (又X21) | 0.00 | 1.61 | | | -9.06 | | 0.38 | OK |
| | | | 0.04 | 0.020 | -10.67 | 21.33 | 0.50 | OK |
| 又X21 | 3.05 | 0.00 | | | -10.69 | | 0.50 | OK |
| | | | 1.58 | 0.785 | -7.64 | 18.16 | 0.42 | OK |
| 又X21 | 6.10 | 0.00 | | | -8.42 | | 0.46 | OK |
| | | | 1.11 | 0.548 | -2.32 | 11.98 | 0.19 | OK |
| 又X22 | 3.05 | 0.00 | | | -2.87 | | 0.24 | OK |
| | | | | | | | | |

１階Ｙ－方向

床面積合計（ΣＡｆ）＝477.89　　ＱＥ下＝433.57　　ＱＥ上＝195.88

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X０ | 97.81 | 50.04 | | | | | | |
| | | | 72.07 | 35.848 | 47.77 | 130.14 | 0.37 | OK |
| (X２) | 0.00 | 2.63 | | | 11.92 | | 0.09 | OK |
| | | | 19.87 | 9.885 | 9.29 | 130.14 | 0.07 | OK |
| X３ | 24.50 | 11.27 | | | -0.60 | | 0.00 | OK |
| | | | 37.24 | 18.521 | 12.63 | 130.14 | 0.10 | OK |
| X４ | 44.04 | 0.00 | | | -5.89 | | 0.05 | OK |
| | | | 16.10 | 8.008 | 38.15 | 123.37 | 0.31 | OK |
| | 11.13 | 0.00 | | | 30.14 | | 0.24 | OK |
| | | | 16.04 | 7.978 | 41.27 | 123.37 | 0.33 | OK |
| (X５) | 0.00 | 36.05 | | | 33.29 | | 0.27 | OK |
| | | | 87.57 | 43.557 | -2.76 | 80.56 | 0.03 | OK |
| X６ | 14.14 | 0.00 | | | -46.32 | | 0.57 | OK |
| | | | 34.22 | 17.019 | -32.18 | 80.56 | 0.40 | OK |
| X７ | 41.48 | 0.00 | | | -49.20 | | 0.61 | OK |
| | | | 4.70 | 2.340 | -7.72 | 123.37 | 0.06 | OK |
| (又X７) | 0.00 | 6.37 | | | -10.06 | | 0.08 | OK |
| | | | 32.08 | 15.955 | -16.43 | 123.37 | 0.13 | OK |
| X８ | 8.12 | 10.85 | | | -32.39 | | 0.26 | OK |
| | | | 16.57 | 8.243 | -35.12 | 123.37 | 0.28 | OK |
| | | | | | -43.36 | | 0.35 | OK |

１階Ｙ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｘ９ | 93.53 | 20.00 | | | | | | |
| | | | 5.42 | 2.695 | 30.17 | 103.61 | 0.29 | OK |
| 又Ｘ９ | 2.44 | 0.00 | | | 27.48 | | 0.27 | OK |
| | | | 10.72 | 5.331 | 29.92 | 104.40 | 0.29 | OK |
| (X10) | 0.00 | 5.59 | | | 24.59 | | 0.24 | OK |
| | | | 1.94 | 0.964 | 19.00 | 103.91 | 0.18 | OK |
| 又X10 | 1.39 | 0.71 | | | 18.04 | | 0.17 | OK |
| | | | 6.33 | 3.150 | 18.72 | 100.78 | 0.19 | OK |
| (又X10) | 0.00 | 1.39 | | | 15.57 | | 0.15 | OK |
| | | | 3.03 | 1.508 | 14.18 | 97.24 | 0.15 | OK |
| (又X10) | 0.00 | 0.91 | | | 12.67 | | 0.13 | OK |
| | | | 4.84 | 2.408 | 11.76 | 94.29 | 0.12 | OK |
| 又X10 | 1.02 | 0.00 | | | 9.35 | | 0.10 | OK |
| | | | 1.58 | 0.785 | 10.37 | 91.88 | 0.11 | OK |
| 又X11 | 1.02 | 0.00 | | | 9.58 | | 0.10 | OK |
| | | | 9.13 | 4.540 | 10.60 | 87.86 | 0.12 | OK |
| (又X11) | 0.00 | 1.59 | | | 6.06 | | 0.07 | OK |
| | | | 0.83 | 0.411 | 4.47 | 84.12 | 0.05 | OK |
| (又X11) | 0.00 | 0.80 | | | 4.06 | | 0.05 | OK |
| | | | 0.26 | 0.129 | 3.26 | 83.71 | 0.04 | OK |
| 又X11 | 5.17 | 0.00 | | | 3.13 | | 0.04 | OK |
| | | | 2.42 | 1.201 | 8.30 | 83.61 | 0.10 | OK |
| (又X11) | 0.00 | 0.80 | | | 7.10 | | 0.08 | OK |
| | | | 1.58 | 0.786 | 6.30 | 83.61 | 0.08 | OK |
| 又X11 | 1.02 | 0.00 | | | 5.51 | | 0.07 | OK |
| | | | 11.91 | 5.924 | 6.53 | 75.29 | 0.09 | OK |
| (又X12) | 0.00 | 2.55 | | | 0.61 | | 0.01 | OK |
| | | | 0.43 | 0.215 | -1.94 | 74.26 | 0.03 | OK |
| 又X12 | 5.54 | 0.00 | | | -2.15 | | 0.03 | OK |
| | | | 0.56 | 0.277 | 3.39 | 73.87 | 0.05 | OK |
| 又X12 | 2.22 | 0.00 | | | 3.11 | | 0.04 | OK |
| | | | 0.74 | 0.369 | 5.33 | 73.37 | 0.07 | OK |
| 又X12 | 2.41 | 0.00 | | | 4.96 | | 0.07 | OK |
| | | | 2.32 | 1.153 | 7.37 | 72.17 | 0.10 | OK |
| 又X12 | 6.08 | 1.89 | | | 6.22 | | 0.09 | OK |
| | | | 5.96 | 2.962 | 10.41 | 68.66 | 0.15 | OK |
| 又X13 | 4.06 | 0.00 | | | 7.45 | | 0.11 | OK |
| | | | 4.19 | 2.084 | 11.51 | 66.07 | 0.17 | OK |
| 又X13 | 2.41 | 0.00 | | | 9.43 | | 0.14 | OK |
| | | | 3.90 | 1.940 | 11.84 | 66.07 | 0.18 | OK |
| 又X13 | 6.08 | 2.87 | | | 9.90 | | 0.15 | OK |
| | | | 3.29 | 1.636 | 13.11 | 66.07 | 0.20 | OK |
| (又X14) | 0.00 | 4.07 | | | 11.47 | | 0.17 | OK |
| | | | 2.38 | 1.183 | 7.40 | 66.07 | 0.11 | OK |
| (又X14) | 0.00 | 1.22 | | | 6.22 | | 0.09 | OK |
| | | | 1.24 | 0.618 | 5.00 | 66.07 | 0.08 | OK |
| 又X14 | 3.69 | 0.00 | | | 4.38 | | 0.07 | OK |
| | | | 5.78 | 2.875 | 8.07 | 66.07 | 0.12 | OK |
| (又X15) | 0.00 | 4.07 | | | 5.20 | | 0.08 | OK |
| | | | 4.60 | 2.287 | 1.13 | 63.22 | 0.02 | OK |
| 又X15 | 2.44 | 0.00 | | | -1.16 | | 0.02 | OK |
| | | | 1.13 | 0.561 | 1.28 | 59.65 | 0.02 | OK |
| (又X15) | 0.00 | 2.76 | | | 0.72 | | 0.01 | OK |
| | | | 0.96 | 0.476 | -2.04 | 58.33 | 0.03 | OK |
| 又X15 | 8.90 | 0.00 | | | -2.52 | | 0.04 | OK |
| | | | 1.95 | 0.970 | 6.38 | 56.48 | 0.11 | OK |
| 又X15 | 2.74 | 4.79 | | | 5.41 | | 0.10 | OK |
| | | | 1.19 | 0.594 | 3.36 | 55.23 | 0.06 | OK |
| 又X16 | 7.58 | 3.69 | | | 2.77 | | 0.05 | OK |
| | | | 5.22 | 2.595 | 6.66 | 55.23 | 0.12 | OK |
| (又X16) | 0.00 | 1.12 | | | 4.06 | | 0.07 | OK |
| | | | 1.15 | 0.570 | 2.94 | 55.23 | 0.05 | OK |
| 又X16 | 2.44 | 0.00 | | | 2.37 | | 0.04 | OK |
| | | | 1.04 | 0.517 | 4.81 | 55.23 | 0.09 | OK |
| | | | | | 4.29 | | 0.08 | OK |

１階Ｙ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Afj,j+1 (㎡) | wEj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又X16 | 1.39 | 0.00 | | | | | | |
| | | | 6.24 | 3.104 | 5.68 | 55.23 | 0.10 | OK |
| (又X17) | 0.00 | 4.07 | | | 2.58 | | 0.05 | OK |
| | | | 0.28 | 0.139 | -1.49 | 55.23 | 0.03 | OK |
| 又X17 | 4.58 | 0.00 | | | -1.63 | | 0.03 | OK |
| | | | 5.48 | 2.726 | 2.95 | 55.23 | 0.05 | OK |
| (又X18) | 0.00 | 1.09 | | | 0.22 | | 0.00 | OK |
| | | | 3.98 | 1.979 | -0.87 | 53.47 | 0.02 | OK |
| (又X18) | 0.00 | 5.50 | | | -2.85 | | 0.05 | OK |
| | | | 5.31 | 2.641 | -8.35 | 44.39 | 0.19 | OK |
| (又X19) | 0.00 | 3.34 | | | -10.99 | | 0.25 | OK |
| | | | 1.69 | 0.843 | -14.33 | 41.30 | 0.35 | OK |
| 又X19 | 4.18 | 0.00 | | | -15.17 | | 0.37 | OK |
| | | | 1.15 | 0.574 | -10.99 | 38.62 | 0.28 | OK |
| 又X19 | 1.39 | 0.00 | | | -11.56 | | 0.30 | OK |
| | | | 1.87 | 0.928 | -10.17 | 35.53 | 0.29 | OK |
| 又X20 | 5.09 | 2.87 | | | -11.10 | | 0.31 | OK |
| | | | 2.59 | 1.289 | -8.88 | 30.18 | 0.29 | OK |
| 又X20 | 1.39 | 0.00 | | | -10.17 | | 0.34 | OK |
| | | | 1.61 | 0.803 | -8.78 | 24.08 | 0.36 | OK |
| (又X21) | 0.00 | 0.95 | | | -9.58 | | 0.40 | OK |
| | | | 0.04 | 0.020 | -10.53 | 21.33 | 0.49 | OK |
| 又X21 | 3.04 | 0.00 | | | -10.55 | | 0.49 | OK |
| | | | 1.58 | 0.788 | -7.51 | 18.16 | 0.41 | OK |
| 又X21 | 6.08 | 0.00 | | | -8.30 | | 0.46 | OK |
| | | | 1.11 | 0.550 | -2.22 | 11.98 | 0.19 | OK |
| 又X22 | 3.04 | 0.00 | | | -2.77 | | 0.23 | OK |

(2) 風圧力

鉛直構面の通り番号をjとしたとき、j通りとj+1通りの間の水平構面の負担せん断力

Qj,j+1(j端)およびQj+1,j(j+1端)は下式のとおり。

$$Q_{j,j+1} = Q_{j,j-1} + P_{下j} - P_{上j}$$

$$Q_{j+1,j} = Q_{j,j+1} - w_{j,j+1} \cdot l_{j,j+1}$$

ここで、

$P_{上j}$ ：上階のj通り鉛直構面の負担せん断力[kN]

$P_{下j}$ ：下階のj通り鉛直構面の負担せん断力[kN]

} 地震力の場合は $Q_{Ej}$、風圧力の場合は $Q_{Wj}$ を用いる

$l_{j,j+1}$ ：j通りからj+1通りまでの間隔[m]

$w_{j,j+1}$ ：j通りとj+1通りの間の水平構面に作用する水平方向の分布荷重[kN/m]

なお、 $P_{上j}$ 、$P_{下j}$ 、$w_{j,j+1}$ は、外力のつり合い関係により、下式が成立している。

$$\Sigma P_{下j} = \Sigma P_{上j} + \Sigma w_{j,j+1} \cdot l_{j,j+1}$$

これにより、各区間の水平構面におけるwj,j+1・ｌｊ,j+1は地震力に関しては、ならし重量が床面積に比例するものとして下式によって算出する。

地震力： $wE_{j,j+1} \cdot l_{j,j+1} = (QE下-QE上) \times Af_{j,j+1} / \Sigma Af$

風圧力： $wW_{j,j+1} \cdot l_{j,j+1} = (QW下-QW上) \times Aw_{j,j+1} / \Sigma Aw$

ここで、

QE上： 上階の地震時層せん断力(kN)。偏心による割増を考慮した場合には、割増した各通りの値の合計値。

QE下： 下階の地震時層せん断力(kN)。偏心による割増を考慮した場合には、割増した各通りの値の合計値。

QW上： 上階の風圧時層せん断力(kN)。

QW下： 下階の風圧時層せん断力(kN)。

$Af_{j,j+1}$ ： j通りとj+1通りの間の床水平構面の床面積(㎡)。屋根の場合は、水平投影面積（軒・けらばは含めない）。

ΣAf ： 当該階の水平構面の床面積の合計(㎡)

$Aw_{j,j+1}$ ： j通りとj+1通りの間の当該階の見付面積(㎡)

ΣAw ： 当該階の見付面積の合計(㎡)

２階Ｘ＋方向

見付面積合計（ΣＡｗ）＝65.64　　Ｑｗ下＝82.72　　Ｑｗ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｙ１ | 8.36 | 0.00 | | | | | | |
| | | | 4.85 | 6.113 | 8.36 | 32.46 | 0.26 | OK |
| 又 | 1.42 | 0.00 | | | 2.25 | | 0.07 | OK |
| | | | 1.12 | 1.410 | 3.67 | 33.55 | 0.11 | OK |
| 又 | 1.29 | 0.00 | | | 2.26 | | 0.07 | OK |
| | | | 0.43 | 0.539 | 3.55 | 35.05 | 0.10 | OK |
| 又 | 0.75 | 0.00 | | | 3.01 | | 0.09 | OK |
| | | | 9.31 | 11.730 | 3.76 | 38.44 | 0.10 | OK |
| 又 | 0.45 | 0.00 | | | -7.97 | | 0.21 | OK |
| | | | 4.91 | 6.182 | -7.52 | 43.85 | 0.17 | OK |
| 又 | 0.75 | 0.00 | | | -13.70 | | 0.31 | OK |
| | | | 0.82 | 1.032 | -12.95 | 51.72 | 0.25 | OK |
| Ｙ３ | 13.64 | 0.00 | | | -13.98 | | 0.27 | OK |
| | | | 1.94 | 2.441 | -0.34 | 53.03 | 0.01 | OK |
| 又Ｙ３ | 1.57 | 0.00 | | | -2.78 | | 0.05 | OK |
| | | | 4.57 | 5.759 | -1.21 | 54.41 | 0.02 | OK |
| | | | | | -6.97 | | 0.13 | OK |

２階Ｘ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又 | 1.72 | 0.00 | | | | | | |
| | | | 2.95 | 3.719 | -5.25 | 56.54 | 0.09 | OK |
| 又Y４ | 3.59 | 0.00 | | | -8.97 | | 0.16 | OK |
| | | | 3.55 | 4.472 | -5.38 | 115.63 | 0.05 | OK |
| 又Y４ | 0.64 | 0.00 | | | -9.85 | | 0.09 | OK |
| | | | 4.99 | 6.295 | -9.21 | 116.87 | 0.08 | OK |
| 又 | 1.96 | 0.00 | | | -15.51 | | 0.13 | OK |
| | | | 0.48 | 0.608 | -13.55 | 117.68 | 0.12 | OK |
| 又 | 0.86 | 0.00 | | | -14.16 | | 0.12 | OK |
| | | | 1.33 | 1.677 | -13.30 | 117.95 | 0.11 | OK |
| 又 | 0.20 | 0.00 | | | -14.98 | | 0.13 | OK |
| | | | 0.55 | 0.698 | -14.78 | 118.24 | 0.13 | OK |
| 又 | 2.89 | 0.00 | | | -15.48 | | 0.13 | OK |
| | | | 0.75 | 0.951 | -12.59 | 118.44 | 0.11 | OK |
| 又 | 1.96 | 0.00 | | | -13.54 | | 0.11 | OK |
| | | | 1.74 | 2.195 | -11.58 | 118.83 | 0.10 | OK |
| 又 | 1.35 | 0.00 | | | -13.78 | | 0.12 | OK |
| | | | 1.00 | 1.258 | -12.43 | 118.48 | 0.10 | OK |
| 又 | 2.13 | 0.00 | | | -13.69 | | 0.12 | OK |
| | | | 0.03 | 0.042 | -11.56 | 117.84 | 0.10 | OK |
| Y５ | 8.96 | 0.00 | | | -11.60 | | 0.10 | OK |
| | | | 1.58 | 1.995 | -2.64 | 116.83 | 0.02 | OK |
| 又Y５ | 0.64 | 0.00 | | | -4.64 | | 0.04 | OK |
| | | | 0.79 | 0.998 | -4.00 | 115.34 | 0.03 | OK |
| 又Y５ | 1.35 | 0.00 | | | -5.00 | | 0.04 | OK |
| | | | 0.45 | 0.563 | -3.65 | 114.55 | 0.03 | OK |
| 又Y５ | 0.38 | 0.00 | | | -4.21 | | 0.04 | OK |
| | | | 2.84 | 3.573 | -3.83 | 112.41 | 0.03 | OK |
| 又 | 1.55 | 0.00 | | | -7.40 | | 0.07 | OK |
| | | | 0.77 | 0.967 | -5.85 | 110.17 | 0.05 | OK |
| 又 | 0.43 | 0.00 | | | -6.82 | | 0.06 | OK |
| | | | 1.49 | 1.872 | -6.39 | 109.01 | 0.06 | OK |
| 又 | 0.64 | 0.00 | | | -8.26 | | 0.08 | OK |
| | | | 1.64 | 2.067 | -7.62 | 107.37 | 0.07 | OK |
| 又 | 0.33 | 0.00 | | | -9.69 | | 0.09 | OK |
| | | | 0.18 | 0.233 | -9.36 | 106.41 | 0.09 | OK |
| Y６ | 11.29 | 0.00 | | | -9.59 | | 0.09 | OK |
| | | | 5.02 | 6.330 | 1.70 | 103.52 | 0.02 | OK |
| 又 | 2.25 | 0.00 | | | -4.63 | | 0.04 | OK |
| | | | 3.96 | 4.985 | -2.38 | 38.92 | 0.06 | OK |
| 又 | 2.14 | 0.00 | | | -7.37 | | 0.19 | OK |
| | | | 1.60 | 2.014 | -5.23 | 34.82 | 0.15 | OK |
| Y８ | 7.24 | 0.00 | | | -7.24 | | 0.21 | OK |

２階Ｘ－方向

見付面積合計（ΣＡｗ）＝65.64　　Ｑｗ下＝82.72　　Ｑｗ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Y１ | 9.00 | 0.00 | | | | | | |
| | | | 4.85 | 6.113 | 9.00 | 32.46 | 0.28 | OK |
| 又 | 1.42 | 0.00 | | | 2.89 | | 0.09 | OK |
| | | | 1.12 | 1.410 | 4.31 | 33.55 | 0.13 | OK |
| 又 | 0.78 | 0.00 | | | 2.90 | | 0.09 | OK |
| | | | 0.43 | 0.539 | 3.68 | 35.05 | 0.10 | OK |
| 又 | 0.45 | 0.00 | | | 3.14 | | 0.09 | OK |
| | | | 9.31 | 11.730 | 3.59 | 38.44 | 0.09 | OK |
| 又 | 0.75 | 0.00 | | | -8.14 | | 0.21 | OK |
| | | | 4.91 | 6.182 | -7.39 | 43.85 | 0.17 | OK |
| 又 | 0.45 | 0.00 | | | -13.57 | | 0.31 | OK |
| | | | 0.82 | 1.032 | -13.12 | 51.72 | 0.25 | OK |
| Y３ | 14.52 | 0.00 | | | -14.15 | | 0.27 | OK |
| | | | 1.94 | 2.441 | 0.37 | 53.03 | 0.01 | OK |
| | | | | | -2.07 | | 0.04 | OK |

２階Ｘ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又Y３ | 0.94 | 0.00 | | | | | | |
| 又 | 1.03 | 0.00 | 4.57 | 5.759 | -1.13 | 54.41 | 0.02 | OK |
| | | | | | -6.89 | | 0.13 | OK |
| 又Y４ | 3.58 | 0.00 | 2.95 | 3.719 | -5.86 | 56.54 | 0.10 | OK |
| | | | | | -9.58 | | 0.17 | OK |
| 又Y４ | 0.64 | 0.00 | 3.55 | 4.472 | -6.00 | 115.63 | 0.05 | OK |
| | | | | | -10.47 | | 0.09 | OK |
| 又 | 1.96 | 0.00 | 4.99 | 6.295 | -9.83 | 116.87 | 0.08 | OK |
| | | | | | -16.13 | | 0.14 | OK |
| 又 | 0.86 | 0.00 | 0.48 | 0.608 | -14.17 | 117.68 | 0.12 | OK |
| | | | | | -14.78 | | 0.13 | OK |
| 又 | 0.34 | 0.00 | 1.33 | 1.677 | -13.92 | 117.95 | 0.12 | OK |
| | | | | | -15.60 | | 0.13 | OK |
| 又 | 2.89 | 0.00 | 0.55 | 0.698 | -15.26 | 118.24 | 0.13 | OK |
| | | | | | -15.96 | | 0.13 | OK |
| 又 | 1.96 | 0.00 | 0.75 | 0.951 | -13.07 | 118.44 | 0.11 | OK |
| | | | | | -14.02 | | 0.12 | OK |
| 又 | 2.25 | 0.00 | 1.74 | 2.195 | -12.06 | 118.83 | 0.10 | OK |
| | | | | | -14.26 | | 0.12 | OK |
| 又 | 2.12 | 0.00 | 1.00 | 1.258 | -12.01 | 118.48 | 0.10 | OK |
| | | | | | -13.27 | | 0.11 | OK |
| Y５ | 8.95 | 0.00 | 0.03 | 0.042 | -11.15 | 117.84 | 0.09 | OK |
| | | | | | -11.19 | | 0.09 | OK |
| 又Y５ | 0.64 | 0.00 | 1.58 | 1.995 | -2.24 | 116.83 | 0.02 | OK |
| | | | | | -4.24 | | 0.04 | OK |
| 又Y５ | 2.25 | 0.00 | 0.79 | 0.998 | -3.60 | 115.34 | 0.03 | OK |
| | | | | | -4.60 | | 0.04 | OK |
| 又Y５ | 0.38 | 0.00 | 0.45 | 0.563 | -2.35 | 114.55 | 0.02 | OK |
| | | | | | -2.91 | | 0.03 | OK |
| 又 | 0.93 | 0.00 | 2.84 | 3.573 | -2.53 | 112.41 | 0.02 | OK |
| | | | | | -6.10 | | 0.05 | OK |
| 又 | 0.43 | 0.00 | 0.77 | 0.967 | -5.17 | 110.17 | 0.05 | OK |
| | | | | | -6.14 | | 0.06 | OK |
| 又 | 0.64 | 0.00 | 1.49 | 1.872 | -5.71 | 109.01 | 0.05 | OK |
| | | | | | -7.58 | | 0.07 | OK |
| 又 | 0.33 | 0.00 | 1.64 | 2.067 | -6.94 | 107.37 | 0.06 | OK |
| | | | | | -9.01 | | 0.08 | OK |
| Y６ | 11.28 | 0.00 | 0.18 | 0.233 | -8.68 | 106.41 | 0.08 | OK |
| | | | | | -8.91 | | 0.08 | OK |
| 又 | 2.25 | 0.00 | 5.02 | 6.330 | 2.37 | 103.52 | 0.02 | OK |
| | | | | | -3.96 | | 0.04 | OK |
| 又 | 1.73 | 0.00 | 3.96 | 4.985 | -1.71 | 38.92 | 0.04 | OK |
| | | | | | -6.70 | | 0.17 | OK |
| Y８ | 6.99 | 0.00 | 1.60 | 2.014 | -4.97 | 34.82 | 0.14 | OK |
| | | | | | -6.98 | | 0.20 | OK |

２階Ｙ＋方向

見付面積合計（ΣＡｗ）＝102.01　　Ｑｗ下＝129.08　　Ｑｗ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X０ | 31.06 | 0.00 | | | | | | |
| X２ | 1.73 | 0.00 | 15.01 | 18.995 | 31.06 | 106.40 | 0.29 | OK |
| | | | | | 12.06 | | 0.11 | OK |
| X３ | 7.42 | 0.00 | 3.93 | 4.973 | 13.79 | 106.40 | 0.13 | OK |
| | | | | | 8.82 | | 0.08 | OK |
| X５ | 24.13 | 0.00 | 13.84 | 17.515 | 16.24 | 106.40 | 0.15 | OK |
| | | | | | -1.28 | | 0.01 | OK |
| 又X７ | 4.19 | 0.00 | 25.55 | 32.325 | 22.85 | 42.19 | 0.54 | OK |
| | | | | | -9.48 | | 0.22 | OK |
| X８ | 7.14 | 0.00 | 6.48 | 8.197 | -5.29 | 42.19 | 0.13 | OK |
| | | | | | -13.49 | | 0.32 | OK |
| | | | 3.35 | 4.235 | -6.35 | 42.19 | 0.15 | OK |
| | | | | | -10.59 | | 0.25 | OK |

２階Ｙ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X9 | 13.16 | 0.00 | | | | | | |
| | | | 3.06 | 3.868 | 2.57 | 34.10 | 0.08 | OK |
| X10 | 3.68 | 0.00 | | | -1.30 | | 0.04 | OK |
| | | | 0.31 | 0.398 | 2.38 | 34.38 | 0.07 | OK |
| 又X10 | 0.28 | 0.00 | | | 1.98 | | 0.06 | OK |
| | | | 1.02 | 1.293 | 2.26 | 34.38 | 0.07 | OK |
| 又X10 | 0.91 | 0.00 | | | 0.97 | | 0.03 | OK |
| | | | 0.48 | 0.614 | 1.88 | 34.38 | 0.05 | OK |
| 又X10 | 0.36 | 0.00 | | | 1.27 | | 0.04 | OK |
| | | | 2.48 | 3.139 | 1.63 | 34.38 | 0.05 | OK |
| 又X11 | 1.05 | 0.00 | | | -1.51 | | 0.04 | OK |
| | | | 0.13 | 0.168 | -0.46 | 34.38 | 0.01 | OK |
| 又X11 | 0.53 | 0.00 | | | -0.63 | | 0.02 | OK |
| | | | 0.43 | 0.546 | -0.10 | 34.38 | 0.00 | OK |
| 又X11 | 0.53 | 0.00 | | | -0.65 | | 0.02 | OK |
| | | | 2.21 | 2.796 | -0.12 | 34.08 | 0.00 | OK |
| 又X12 | 1.68 | 0.00 | | | -2.92 | | 0.09 | OK |
| | | | 0.67 | 0.853 | -1.24 | 33.21 | 0.04 | OK |
| 又X12 | 1.25 | 0.00 | | | -2.09 | | 0.06 | OK |
| | | | 2.63 | 3.325 | -0.84 | 30.47 | 0.03 | OK |
| 又X13 | 3.15 | 0.00 | | | -4.17 | | 0.14 | OK |
| | | | 0.71 | 0.903 | -1.02 | 27.69 | 0.04 | OK |
| 又X14 | 2.68 | 0.00 | | | -1.92 | | 0.07 | OK |
| | | | 0.54 | 0.678 | 0.76 | 26.65 | 0.03 | OK |
| 又X14 | 0.48 | 0.00 | | | 0.08 | | 0.00 | OK |
| | | | 1.69 | 2.136 | 0.56 | 23.96 | 0.02 | OK |
| 又X15 | 2.68 | 0.00 | | | -1.58 | | 0.07 | OK |
| | | | 1.44 | 1.825 | 1.10 | 22.11 | 0.05 | OK |
| 又X15 | 1.82 | 0.00 | | | -0.72 | | 0.03 | OK |
| | | | 0.73 | 0.921 | 1.10 | 19.85 | 0.06 | OK |
| 又X15 | 1.89 | 0.00 | | | 0.18 | | 0.01 | OK |
| | | | 0.33 | 0.424 | 2.07 | 19.72 | 0.10 | OK |
| 又X16 | 2.43 | 0.00 | | | 1.65 | | 0.08 | OK |
| | | | 1.46 | 1.851 | 4.08 | 20.09 | 0.20 | OK |
| 又X16 | 0.44 | 0.00 | | | 2.23 | | 0.11 | OK |
| | | | 2.36 | 2.989 | 2.67 | 20.88 | 0.13 | OK |
| 又X17 | 2.68 | 0.00 | | | -0.32 | | 0.02 | OK |
| | | | 1.61 | 2.043 | 2.36 | 21.70 | 0.11 | OK |
| 又X18 | 0.43 | 0.00 | | | 0.32 | | 0.01 | OK |
| | | | 1.13 | 1.433 | 0.75 | 21.74 | 0.03 | OK |
| 又X18 | 3.62 | 0.00 | | | -0.68 | | 0.03 | OK |
| | | | 1.65 | 2.091 | 2.94 | 19.12 | 0.15 | OK |
| 又X19 | 2.62 | 0.00 | | | 0.85 | | 0.04 | OK |
| | | | 1.62 | 2.048 | 3.47 | 16.57 | 0.21 | OK |
| 又X20 | 3.15 | 0.00 | | | 1.42 | | 0.09 | OK |
| | | | 2.01 | 2.539 | 4.57 | 11.93 | 0.38 | OK |
| 又X21 | 1.05 | 0.00 | | | 2.03 | | 0.17 | OK |
| | | | 3.13 | 3.959 | 3.08 | 4.64 | 0.66 | OK |
| 又 | 0.85 | 0.00 | | | -0.88 | | 0.19 | OK |

２階Ｙ－方向

見付面積合計（ΣＡｗ）＝102.01　　Ｑｗ下＝129.08　　Ｑｗ上＝0.00

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X0 | 32.62 | 0.00 | | | | | | |
| | | | 15.01 | 18.995 | 32.62 | 106.40 | 0.31 | OK |
| X2 | 1.72 | 0.00 | | | 13.62 | | 0.13 | OK |
| | | | 3.93 | 4.973 | 15.34 | 106.40 | 0.14 | OK |
| X3 | 7.35 | 0.00 | | | 10.37 | | 0.10 | OK |
| | | | 13.84 | 17.515 | 17.72 | 106.40 | 0.17 | OK |
| X5 | 23.50 | 0.00 | | | 0.20 | | 0.00 | OK |
| | | | 25.55 | 32.325 | 23.70 | 42.19 | 0.56 | OK |
| | | | | | -8.63 | | 0.20 | OK |

２階Ｙ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又X７ | 4.15 | 0.00 | | | | | | |
| | | | 6.48 | 8.197 | -4.48 | 42.19 | 0.11 | OK |
| X８ | 7.07 | 0.00 | | | -12.68 | | 0.30 | OK |
| | | | 3.35 | 4.235 | -5.61 | 42.19 | 0.13 | OK |
| X９ | 13.03 | 0.00 | | | -9.85 | | 0.23 | OK |
| | | | 3.06 | 3.868 | 3.18 | 34.10 | 0.09 | OK |
| X10 | 3.64 | 0.00 | | | -0.69 | | 0.02 | OK |
| | | | 0.31 | 0.398 | 2.95 | 34.38 | 0.09 | OK |
| 又X10 | 0.47 | 0.00 | | | 2.55 | | 0.07 | OK |
| | | | 1.02 | 1.293 | 3.02 | 34.38 | 0.09 | OK |
| 又X10 | 0.90 | 0.00 | | | 1.73 | | 0.05 | OK |
| | | | 0.48 | 0.614 | 2.63 | 34.38 | 0.08 | OK |
| 又X10 | 0.59 | 0.00 | | | 2.02 | | 0.06 | OK |
| | | | 2.48 | 3.139 | 2.61 | 34.38 | 0.08 | OK |
| 又X11 | 1.04 | 0.00 | | | -0.53 | | 0.02 | OK |
| | | | 0.13 | 0.168 | 0.51 | 34.38 | 0.01 | OK |
| 又X11 | 0.52 | 0.00 | | | 0.34 | | 0.01 | OK |
| | | | 0.43 | 0.546 | 0.86 | 34.38 | 0.03 | OK |
| 又X11 | 0.52 | 0.00 | | | 0.31 | | 0.01 | OK |
| | | | 2.21 | 2.796 | 0.83 | 34.08 | 0.02 | OK |
| 又X12 | 1.66 | 0.00 | | | -1.97 | | 0.06 | OK |
| | | | 0.67 | 0.853 | -0.31 | 33.21 | 0.01 | OK |
| 又X12 | 1.23 | 0.00 | | | -1.16 | | 0.03 | OK |
| | | | 2.63 | 3.325 | 0.07 | 30.47 | 0.00 | OK |
| 又X13 | 1.87 | 0.00 | | | -3.26 | | 0.11 | OK |
| | | | 0.71 | 0.903 | -1.39 | 27.69 | 0.05 | OK |
| 又X14 | 2.65 | 0.00 | | | -2.29 | | 0.08 | OK |
| | | | 0.54 | 0.678 | 0.36 | 26.65 | 0.01 | OK |
| 又X14 | 0.80 | 0.00 | | | -0.32 | | 0.01 | OK |
| | | | 1.69 | 2.136 | 0.48 | 23.96 | 0.02 | OK |
| 又X15 | 2.65 | 0.00 | | | -1.66 | | 0.07 | OK |
| | | | 1.44 | 1.825 | 0.99 | 22.11 | 0.04 | OK |
| 又X15 | 1.80 | 0.00 | | | -0.84 | | 0.04 | OK |
| | | | 0.73 | 0.921 | 0.96 | 19.85 | 0.05 | OK |
| 又X15 | 3.12 | 0.00 | | | 0.04 | | 0.00 | OK |
| | | | 0.33 | 0.424 | 3.16 | 19.72 | 0.16 | OK |
| 又X16 | 2.41 | 0.00 | | | 2.74 | | 0.14 | OK |
| | | | 1.46 | 1.851 | 5.15 | 20.09 | 0.26 | OK |
| 又X16 | 0.73 | 0.00 | | | 3.30 | | 0.16 | OK |
| | | | 2.36 | 2.989 | 4.03 | 20.88 | 0.19 | OK |
| 又X17 | 2.65 | 0.00 | | | 1.04 | | 0.05 | OK |
| | | | 1.61 | 2.043 | 3.69 | 21.70 | 0.17 | OK |
| 又X18 | 0.71 | 0.00 | | | 1.65 | | 0.08 | OK |
| | | | 1.13 | 1.433 | 2.36 | 21.74 | 0.11 | OK |
| 又X18 | 3.59 | 0.00 | | | 0.93 | | 0.04 | OK |
| | | | 1.65 | 2.091 | 4.52 | 19.12 | 0.24 | OK |
| 又X19 | 2.18 | 0.00 | | | 2.43 | | 0.13 | OK |
| | | | 1.62 | 2.048 | 4.61 | 16.57 | 0.28 | OK |
| 又X20 | 1.87 | 0.00 | | | 2.56 | | 0.15 | OK |
| | | | 2.01 | 2.539 | 4.43 | 11.93 | 0.37 | OK |
| 又X21 | 0.62 | 0.00 | | | 1.89 | | 0.16 | OK |
| | | | 3.13 | 3.959 | 2.51 | 4.64 | 0.54 | OK |
| 又 | 1.41 | 0.00 | | | -1.45 | | 0.31 | OK |

１階Ｘ＋方向

見付面積合計（ΣＡｗ）＝79.54　　Ｑｗ下＝170.63　　Ｑｗ上＝82.72

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｙ０ | 17.92 | 0.00 | | | | | | |
| | | | 2.50 | 2.767 | 17.92 | 58.05 | 0.31 | OK |
| (Ｙ１) | 0.00 | 8.36 | | | 15.15 | | 0.26 | OK |
| | | | 4.33 | 4.786 | 6.79 | 91.76 | 0.07 | OK |
| | | | | | 2.00 | | 0.02 | OK |

１階Ｘ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又 | 2.17 | 0.00 | | | | | | |
| | | | 1.64 | 1.810 | 4.17 | 94.85 | 0.04 | OK |
| 又 | 1.30 | 0.00 | | | 2.36 | | 0.02 | OK |
| | | | 1.79 | 1.979 | 3.66 | 101.31 | 0.04 | OK |
| (又) | 0.00 | 1.42 | | | 1.68 | | 0.02 | OK |
| | | | 1.64 | 1.810 | 0.26 | 107.78 | 0.00 | OK |
| (又) | 0.00 | 1.29 | | | -1.55 | | 0.01 | OK |
| | | | 0.61 | 0.670 | -2.84 | 111.83 | 0.03 | OK |
| 又 | 0.87 | 0.75 | | | -3.51 | | 0.03 | OK |
| | | | 7.33 | 8.097 | -3.39 | 115.00 | 0.03 | OK |
| Ｙ２ | 21.88 | 0.00 | | | -11.49 | | 0.10 | OK |
| | | | 4.02 | 4.442 | 10.39 | 121.69 | 0.09 | OK |
| (又) | 0.00 | 0.45 | | | 5.95 | | 0.05 | OK |
| | | | 1.42 | 1.567 | 5.50 | 123.95 | 0.04 | OK |
| 又 | 0.65 | 0.00 | | | 3.93 | | 0.03 | OK |
| | | | 2.33 | 2.574 | 4.58 | 132.90 | 0.03 | OK |
| 又 | 0.39 | 0.00 | | | 2.01 | | 0.02 | OK |
| | | | 1.27 | 1.401 | 2.40 | 141.38 | 0.02 | OK |
| 又 | 0.59 | 0.75 | | | 1.00 | | 0.01 | OK |
| | | | 0.79 | 0.875 | 0.84 | 145.92 | 0.01 | OK |
| Ｙ３ | 27.08 | 13.64 | | | -0.04 | | 0.00 | OK |
| | | | 1.67 | 1.841 | 13.40 | 148.39 | 0.09 | OK |
| 又Ｙ３ | 1.04 | 0.00 | | | 11.56 | | 0.08 | OK |
| | | | 0.16 | 0.179 | 12.60 | 149.25 | 0.08 | OK |
| (又Ｙ３) | 0.00 | 1.57 | | | 12.42 | | 0.08 | OK |
| | | | 0.22 | 0.239 | 10.85 | 149.43 | 0.07 | OK |
| 又Ｙ３ | 0.59 | 0.00 | | | 10.61 | | 0.07 | OK |
| | | | 1.26 | 1.390 | 11.20 | 150.12 | 0.07 | OK |
| 又 | 2.08 | 0.00 | | | 9.81 | | 0.07 | OK |
| | | | 2.62 | 2.894 | 11.89 | 151.10 | 0.08 | OK |
| 又 | 4.73 | 1.72 | | | 9.00 | | 0.06 | OK |
| | | | 0.43 | 0.480 | 12.01 | 153.39 | 0.08 | OK |
| 又 | 1.17 | 0.00 | | | 11.53 | | 0.08 | OK |
| | | | 1.83 | 2.026 | 12.70 | 154.46 | 0.08 | OK |
| Ｙ４ | 2.99 | 0.00 | | | 10.67 | | 0.07 | OK |
| | | | 0.03 | 0.030 | 13.66 | 155.34 | 0.09 | OK |
| 又Ｙ４ | 3.08 | 0.00 | | | 13.63 | | 0.09 | OK |
| | | | 0.21 | 0.229 | 16.71 | 155.45 | 0.11 | OK |
| (又Ｙ４) | 0.00 | 3.59 | | | 16.48 | | 0.11 | OK |
| | | | 0.55 | 0.611 | 12.89 | 155.81 | 0.08 | OK |
| 又Ｙ４ | 3.11 | 0.00 | | | 12.28 | | 0.08 | OK |
| | | | 0.88 | 0.970 | 15.39 | 156.48 | 0.10 | OK |
| 又Ｙ４ | 3.08 | 0.00 | | | 14.42 | | 0.09 | OK |
| | | | 0.70 | 0.775 | 17.50 | 157.23 | 0.11 | OK |
| 又Ｙ４ | 0.44 | 0.00 | | | 16.73 | | 0.11 | OK |
| | | | 0.88 | 0.970 | 17.17 | 157.71 | 0.11 | OK |
| 又Ｙ４ | 3.11 | 0.64 | | | 16.20 | | 0.10 | OK |
| | | | 1.96 | 2.165 | 18.67 | 158.71 | 0.12 | OK |
| 又 | 0.87 | 0.00 | | | 16.51 | | 0.10 | OK |
| | | | 0.50 | 0.550 | 17.38 | 160.47 | 0.11 | OK |
| 又 | 5.19 | 0.00 | | | 16.83 | | 0.10 | OK |
| | | | 1.70 | 1.875 | 22.02 | 135.15 | 0.16 | OK |
| 又 | 3.11 | 0.00 | | | 20.15 | | 0.15 | OK |
| | | | 0.24 | 0.268 | 23.26 | 135.66 | 0.17 | OK |
| (又) | 0.00 | 1.96 | | | 22.99 | | 0.17 | OK |
| | | | 0.40 | 0.442 | 21.03 | 135.97 | 0.15 | OK |
| 又 | 0.44 | 0.00 | | | 20.59 | | 0.15 | OK |
| | | | 0.04 | 0.040 | 21.03 | 136.17 | 0.15 | OK |
| (又) | 0.00 | 0.86 | | | 20.99 | | 0.15 | OK |
| | | | 1.21 | 1.338 | 20.13 | 136.76 | 0.15 | OK |
| (又) | 0.00 | 0.20 | | | 18.79 | | 0.14 | OK |
| | | | 0.51 | 0.562 | 18.59 | 137.44 | 0.14 | OK |
| (又) | 0.00 | 2.89 | | | 18.03 | | 0.13 | OK |
| | | | 0.70 | 0.771 | 15.14 | 136.82 | 0.11 | OK |
| | | | | | 14.37 | | 0.11 | OK |

１階Ｘ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又 | 7.19 | 1.96 | | | | | | |
| | | | 1.63 | 1.802 | 19.60 | 133.53 | 0.15 | OK |
| (又) | 0.00 | 1.35 | | | 17.80 | | 0.13 | OK |
| | | | 0.95 | 1.047 | 16.45 | 128.09 | 0.13 | OK |
| (又) | 0.00 | 2.13 | | | 15.40 | | 0.12 | OK |
| | | | 0.03 | 0.035 | 13.27 | 124.86 | 0.11 | OK |
| (Y５) | 0.00 | 8.96 | | | 13.24 | | 0.11 | OK |
| | | | 1.48 | 1.633 | 4.28 | 119.88 | 0.04 | OK |
| 又Y５ | 1.79 | 0.00 | | | 2.65 | | 0.02 | OK |
| | | | 0.05 | 0.052 | 4.44 | 114.85 | 0.04 | OK |
| (又Y５) | 0.00 | 0.64 | | | 4.39 | | 0.04 | OK |
| | | | 0.77 | 0.853 | 3.75 | 112.15 | 0.03 | OK |
| (又Y５) | 0.00 | 1.35 | | | 2.90 | | 0.03 | OK |
| | | | 0.44 | 0.485 | 1.55 | 108.15 | 0.01 | OK |
| (又Y５) | 0.00 | 0.38 | | | 1.07 | | 0.01 | OK |
| | | | 0.34 | 0.378 | 0.69 | 104.51 | 0.01 | OK |
| 又Y５ | 3.47 | 0.00 | | | 0.31 | | 0.00 | OK |
| | | | 0.04 | 0.042 | 3.78 | 104.44 | 0.04 | OK |
| 又Y５ | 1.79 | 0.00 | | | 3.74 | | 0.04 | OK |
| | | | 2.46 | 2.715 | 5.53 | 100.91 | 0.05 | OK |
| (又) | 0.00 | 1.55 | | | 2.82 | | 0.03 | OK |
| | | | 0.78 | 0.866 | 1.27 | 96.32 | 0.01 | OK |
| 又 | 0.88 | 0.43 | | | 0.40 | | 0.00 | OK |
| | | | 1.54 | 1.701 | 0.85 | 95.94 | 0.01 | OK |
| 又 | 3.60 | 0.64 | | | -0.85 | | 0.01 | OK |
| | | | 0.95 | 1.052 | 2.11 | 97.12 | 0.02 | OK |
| 又 | 1.79 | 0.00 | | | 1.06 | | 0.01 | OK |
| | | | 0.78 | 0.864 | 2.85 | 97.93 | 0.03 | OK |
| (又) | 0.00 | 0.33 | | | 1.99 | | 0.02 | OK |
| | | | 0.20 | 0.218 | 1.66 | 98.40 | 0.02 | OK |
| (Y６) | 0.00 | 11.29 | | | 1.44 | | 0.01 | OK |
| | | | 0.66 | 0.728 | -9.85 | 98.80 | 0.10 | OK |
| 又Y６ | 1.79 | 0.00 | | | -10.58 | | 0.11 | OK |
| | | | 3.33 | 3.683 | -8.79 | 99.68 | 0.09 | OK |
| 又 | 0.71 | 0.00 | | | -12.47 | | 0.13 | OK |
| | | | 1.58 | 1.746 | -11.76 | 95.90 | 0.12 | OK |
| (又) | 0.00 | 2.25 | | | -13.51 | | 0.14 | OK |
| | | | 0.98 | 1.082 | -15.76 | 92.28 | 0.17 | OK |
| Y７ | 9.81 | 0.00 | | | -16.84 | | 0.18 | OK |
| | | | 0.48 | 0.529 | -7.03 | 90.22 | 0.08 | OK |
| 又Y７ | 0.67 | 0.00 | | | -7.56 | | 0.08 | OK |
| | | | 4.92 | 5.434 | -6.89 | 83.27 | 0.08 | OK |
| 又 | 1.79 | 2.14 | | | -12.32 | | 0.15 | OK |
| | | | 1.64 | 1.810 | -12.67 | 100.07 | 0.13 | OK |
| 又 | 1.30 | 0.00 | | | -14.48 | | 0.14 | OK |
| | | | 1.15 | 1.276 | -13.18 | 96.11 | 0.14 | OK |
| Y８ | 20.60 | 7.24 | | | -14.46 | | 0.15 | OK |
| | | | 4.04 | 4.467 | -1.10 | 22.51 | 0.05 | OK |
| Y９ | 5.55 | 0.00 | | | -5.57 | | 0.25 | OK |

１階Ｘ－方向

見付面積合計（ΣＡｗ）＝79.54　　Ｑｗ下＝170.63　　Ｑｗ上＝82.72

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Y０ | 17.65 | 0.00 | | | | | | |
| | | | 2.50 | 2.767 | 17.65 | 58.05 | 0.30 | OK |
| (Y１) | 0.00 | 9.00 | | | 14.88 | | 0.26 | OK |
| | | | 4.33 | 4.786 | 5.88 | 91.76 | 0.06 | OK |
| 又 | 2.14 | 0.00 | | | 1.09 | | 0.01 | OK |
| | | | 1.64 | 1.810 | 3.23 | 94.85 | 0.03 | OK |
| 又 | 1.28 | 0.00 | | | 1.42 | | 0.01 | OK |
| | | | 1.79 | 1.979 | 2.70 | 101.31 | 0.03 | OK |
| | | | | | 0.72 | | 0.01 | OK |

１階Ｘ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| (又) | 0.00 | 1.42 | | | | | | |
| | | | 1.64 | 1.810 | -0.70 | 107.78 | 0.01 | OK |
| (又) | 0.00 | 0.78 | | | -2.51 | | 0.02 | OK |
| | | | 0.61 | 0.670 | -3.29 | 111.83 | 0.03 | OK |
| 又 | 0.85 | 0.45 | | | -3.96 | | 0.04 | OK |
| | | | 7.33 | 8.097 | -3.56 | 115.00 | 0.03 | OK |
| Y２ | 21.56 | 0.00 | | | -11.66 | | 0.10 | OK |
| | | | 4.02 | 4.442 | 9.90 | 121.69 | 0.08 | OK |
| (又) | 0.00 | 0.75 | | | 5.46 | | 0.04 | OK |
| | | | 1.42 | 1.567 | 4.71 | 123.95 | 0.04 | OK |
| 又 | 0.38 | 0.00 | | | 3.14 | | 0.03 | OK |
| | | | 2.33 | 2.574 | 3.52 | 132.90 | 0.03 | OK |
| 又 | 0.64 | 0.00 | | | 0.95 | | 0.01 | OK |
| | | | 1.27 | 1.401 | 1.59 | 141.38 | 0.01 | OK |
| 又 | 0.59 | 0.45 | | | 0.19 | | 0.00 | OK |
| | | | 0.79 | 0.875 | 0.33 | 145.92 | 0.00 | OK |
| Y３ | 26.68 | 14.52 | | | -0.54 | | 0.00 | OK |
| | | | 1.67 | 1.841 | 11.62 | 148.39 | 0.08 | OK |
| 又Y３ | 1.03 | 0.00 | | | 9.78 | | 0.07 | OK |
| | | | 0.16 | 0.179 | 10.81 | 149.25 | 0.07 | OK |
| (又Y３) | 0.00 | 0.94 | | | 10.63 | | 0.07 | OK |
| | | | 0.22 | 0.239 | 9.69 | 149.43 | 0.06 | OK |
| 又Y３ | 0.59 | 0.00 | | | 9.45 | | 0.06 | OK |
| | | | 1.26 | 1.390 | 10.04 | 150.12 | 0.07 | OK |
| 又 | 1.23 | 0.00 | | | 8.65 | | 0.06 | OK |
| | | | 2.62 | 2.894 | 9.88 | 151.10 | 0.07 | OK |
| 又 | 4.66 | 1.03 | | | 6.99 | | 0.05 | OK |
| | | | 0.43 | 0.480 | 10.62 | 153.39 | 0.07 | OK |
| 又 | 1.16 | 0.00 | | | 10.14 | | 0.07 | OK |
| | | | 1.83 | 2.026 | 11.30 | 154.46 | 0.07 | OK |
| Y４ | 3.44 | 0.00 | | | 9.27 | | 0.06 | OK |
| | | | 0.03 | 0.030 | 12.71 | 155.34 | 0.08 | OK |
| 又Y４ | 3.04 | 0.00 | | | 12.68 | | 0.08 | OK |
| | | | 0.21 | 0.229 | 15.72 | 155.45 | 0.10 | OK |
| (又Y４) | 0.00 | 3.58 | | | 15.49 | | 0.10 | OK |
| | | | 0.55 | 0.611 | 11.91 | 155.81 | 0.08 | OK |
| 又Y４ | 3.07 | 0.00 | | | 11.30 | | 0.07 | OK |
| | | | 0.88 | 0.970 | 14.37 | 156.48 | 0.09 | OK |
| 又Y４ | 3.04 | 0.00 | | | 13.40 | | 0.09 | OK |
| | | | 0.70 | 0.775 | 16.44 | 157.23 | 0.10 | OK |
| 又Y４ | 0.43 | 0.00 | | | 15.67 | | 0.10 | OK |
| | | | 0.88 | 0.970 | 16.10 | 157.71 | 0.10 | OK |
| 又Y４ | 3.07 | 0.64 | | | 15.13 | | 0.10 | OK |
| | | | 1.96 | 2.165 | 17.56 | 158.71 | 0.11 | OK |
| 又 | 0.86 | 0.00 | | | 15.40 | | 0.10 | OK |
| | | | 0.50 | 0.550 | 16.26 | 160.47 | 0.10 | OK |
| 又 | 5.12 | 0.00 | | | 15.71 | | 0.10 | OK |
| | | | 1.70 | 1.875 | 20.83 | 135.15 | 0.15 | OK |
| 又 | 3.07 | 0.00 | | | 18.95 | | 0.14 | OK |
| | | | 0.24 | 0.268 | 22.02 | 135.66 | 0.16 | OK |
| (又) | 0.00 | 1.96 | | | 21.75 | | 0.16 | OK |
| | | | 0.40 | 0.442 | 19.79 | 135.97 | 0.15 | OK |
| 又 | 0.43 | 0.00 | | | 19.35 | | 0.14 | OK |
| | | | 0.04 | 0.040 | 19.78 | 136.17 | 0.15 | OK |
| (又) | 0.00 | 0.86 | | | 19.74 | | 0.14 | OK |
| | | | 1.21 | 1.338 | 18.88 | 136.76 | 0.14 | OK |
| (又) | 0.00 | 0.34 | | | 17.54 | | 0.13 | OK |
| | | | 0.51 | 0.562 | 17.20 | 137.44 | 0.13 | OK |
| (又) | 0.00 | 2.89 | | | 16.64 | | 0.12 | OK |
| | | | 0.70 | 0.771 | 13.75 | 136.82 | 0.10 | OK |
| 又 | 7.08 | 1.96 | | | 12.98 | | 0.09 | OK |
| | | | 1.63 | 1.802 | 18.10 | 133.53 | 0.14 | OK |
| (又) | 0.00 | 2.25 | | | 16.30 | | 0.12 | OK |
| | | | 0.95 | 1.047 | 14.05 | 128.09 | 0.11 | OK |
| | | | | | 13.00 | | 0.10 | OK |

１階Ｘ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| (又) | 0.00 | 2.12 | | | | | | |
| | | | 0.03 | 0.035 | 10.88 | 124.86 | 0.09 | OK |
| (Y５) | 0.00 | 8.95 | | | 10.85 | | 0.09 | OK |
| | | | 1.48 | 1.633 | 1.90 | 119.88 | 0.02 | OK |
| 又Y５ | 1.76 | 0.00 | | | 0.27 | | 0.00 | OK |
| | | | 0.05 | 0.052 | 2.03 | 114.85 | 0.02 | OK |
| (又Y５) | 0.00 | 0.64 | | | 1.98 | | 0.02 | OK |
| | | | 0.77 | 0.853 | 1.34 | 112.15 | 0.01 | OK |
| (又Y５) | 0.00 | 2.25 | | | 0.49 | | 0.00 | OK |
| | | | 0.44 | 0.485 | -1.76 | 108.15 | 0.02 | OK |
| (又Y５) | 0.00 | 0.38 | | | -2.25 | | 0.02 | OK |
| | | | 0.34 | 0.378 | -2.63 | 104.51 | 0.03 | OK |
| 又Y５ | 3.42 | 0.00 | | | -3.01 | | 0.03 | OK |
| | | | 0.04 | 0.042 | 0.41 | 104.44 | 0.00 | OK |
| 又Y５ | 1.76 | 0.00 | | | 0.37 | | 0.00 | OK |
| | | | 2.46 | 2.715 | 2.13 | 100.91 | 0.02 | OK |
| (又) | 0.00 | 0.93 | | | -0.59 | | 0.01 | OK |
| | | | 0.78 | 0.866 | -1.52 | 96.32 | 0.02 | OK |
| 又 | 0.87 | 0.43 | | | -2.39 | | 0.02 | OK |
| | | | 1.54 | 1.701 | -1.95 | 95.94 | 0.02 | OK |
| 又 | 3.55 | 0.64 | | | -3.65 | | 0.04 | OK |
| | | | 0.95 | 1.052 | -0.74 | 97.12 | 0.01 | OK |
| 又 | 1.76 | 0.00 | | | -1.79 | | 0.02 | OK |
| | | | 0.78 | 0.864 | -0.03 | 97.93 | 0.00 | OK |
| (又) | 0.00 | 0.33 | | | -0.89 | | 0.01 | OK |
| | | | 0.20 | 0.218 | -1.22 | 98.40 | 0.01 | OK |
| (Y６) | 0.00 | 11.28 | | | -1.44 | | 0.01 | OK |
| | | | 0.66 | 0.728 | -12.72 | 98.80 | 0.13 | OK |
| 又Y６ | 1.76 | 0.00 | | | -13.45 | | 0.14 | OK |
| | | | 3.33 | 3.683 | -11.69 | 99.68 | 0.12 | OK |
| 又 | 0.70 | 0.00 | | | -15.37 | | 0.15 | OK |
| | | | 1.58 | 1.746 | -14.67 | 95.90 | 0.15 | OK |
| (又) | 0.00 | 2.25 | | | -16.42 | | 0.17 | OK |
| | | | 0.98 | 1.082 | -18.67 | 92.28 | 0.20 | OK |
| Y７ | 11.33 | 0.00 | | | -19.75 | | 0.21 | OK |
| | | | 0.48 | 0.529 | -8.42 | 90.22 | 0.09 | OK |
| 又Y７ | 1.10 | 0.00 | | | -8.95 | | 0.10 | OK |
| | | | 4.92 | 5.434 | -7.85 | 83.27 | 0.09 | OK |
| 又 | 1.76 | 1.73 | | | -13.28 | | 0.16 | OK |
| | | | 1.64 | 1.810 | -13.25 | 100.07 | 0.13 | OK |
| 又 | 1.28 | 0.00 | | | -15.06 | | 0.15 | OK |
| | | | 1.15 | 1.276 | -13.78 | 96.11 | 0.14 | OK |
| Y８ | 20.30 | 6.99 | | | -15.06 | | 0.16 | OK |
| | | | 4.04 | 4.467 | -1.75 | 22.51 | 0.08 | OK |
| Y９ | 6.18 | 0.00 | | | -6.22 | | 0.28 | OK |

１階Ｙ＋方向

見付面積合計（ΣＡｗ）＝102.05　　Ｑｗ下＝241.88　　Ｑｗ上＝128.23

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj, j+1 (㎡) | wWj, j+1・lj, j+1 | Qj, j+1 / Qj+1, j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X０ | 57.24 | 31.06 | | | | | | |
| | | | 11.88 | 13.224 | 26.18 | 130.14 | 0.20 | OK |
| (X２) | 0.00 | 1.73 | | | 12.96 | | 0.10 | OK |
| | | | 3.27 | 3.647 | 11.23 | 130.14 | 0.09 | OK |
| X３ | 13.72 | 7.42 | | | 7.58 | | 0.06 | OK |
| | | | 6.14 | 6.833 | 13.88 | 130.14 | 0.11 | OK |
| X４ | 24.66 | 0.00 | | | 7.05 | | 0.05 | OK |
| | | | 2.70 | 3.006 | 31.71 | 123.37 | 0.26 | OK |
| | 6.23 | 0.00 | | | 28.70 | | 0.23 | OK |
| | | | 2.70 | 3.006 | 34.93 | 123.37 | 0.28 | OK |
| (X５) | 0.00 | 24.13 | | | 31.92 | | 0.26 | OK |
| | | | 14.74 | 16.410 | 7.79 | 80.56 | 0.10 | OK |
| | | | | | -8.62 | | 0.11 | OK |

１階Ｙ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| Ｘ６ | 7.92 | 0.00 | | | | | | |
| | | | 5.76 | 6.412 | -0.70 | 80.56 | 0.01 | OK |
| Ｘ７ | 23.22 | 0.00 | | | -7.11 | | 0.09 | OK |
| | | | 0.79 | 0.882 | 16.11 | 123.37 | 0.13 | OK |
| (又Ｘ７) | 0.00 | 4.19 | | | 15.23 | | 0.12 | OK |
| | | | 5.40 | 6.011 | 11.04 | 123.37 | 0.09 | OK |
| Ｘ８ | 4.54 | 7.14 | | | 5.03 | | 0.04 | OK |
| | | | 2.79 | 3.106 | 2.43 | 123.37 | 0.02 | OK |
| Ｘ９ | 49.19 | 13.16 | | | -0.68 | | 0.01 | OK |
| | | | 1.11 | 1.232 | 35.35 | 103.61 | 0.34 | OK |
| 又Ｘ９ | 1.37 | 0.00 | | | 34.12 | | 0.33 | OK |
| | | | 2.17 | 2.415 | 35.49 | 104.40 | 0.34 | OK |
| (X10) | 0.00 | 3.68 | | | 33.08 | | 0.32 | OK |
| | | | 0.39 | 0.436 | 29.40 | 103.91 | 0.28 | OK |
| 又X10 | 0.78 | 0.28 | | | 28.96 | | 0.28 | OK |
| | | | 1.27 | 1.418 | 29.46 | 100.78 | 0.29 | OK |
| (又X10) | 0.00 | 0.91 | | | 28.04 | | 0.28 | OK |
| | | | 0.60 | 0.673 | 27.13 | 97.24 | 0.28 | OK |
| (又X10) | 0.00 | 0.36 | | | 26.46 | | 0.27 | OK |
| | | | 0.96 | 1.067 | 26.10 | 94.29 | 0.28 | OK |
| 又X10 | 0.57 | 0.00 | | | 25.03 | | 0.27 | OK |
| | | | 0.32 | 0.355 | 25.60 | 91.88 | 0.28 | OK |
| 又X11 | 0.57 | 0.00 | | | 25.25 | | 0.27 | OK |
| | | | 1.81 | 2.020 | 25.82 | 87.86 | 0.29 | OK |
| (又X11) | 0.00 | 1.05 | | | 23.80 | | 0.27 | OK |
| | | | 0.17 | 0.184 | 22.75 | 84.12 | 0.27 | OK |
| (又X11) | 0.00 | 0.53 | | | 22.57 | | 0.27 | OK |
| | | | 0.05 | 0.058 | 22.04 | 83.71 | 0.26 | OK |
| 又X11 | 2.90 | 0.00 | | | 21.98 | | 0.26 | OK |
| | | | 0.49 | 0.541 | 24.88 | 83.61 | 0.30 | OK |
| (又X11) | 0.00 | 0.53 | | | 24.34 | | 0.29 | OK |
| | | | 0.32 | 0.355 | 23.81 | 83.61 | 0.28 | OK |
| 又X11 | 0.57 | 0.00 | | | 23.46 | | 0.28 | OK |
| | | | 2.43 | 2.711 | 24.03 | 75.29 | 0.32 | OK |
| (又X12) | 0.00 | 1.68 | | | 21.32 | | 0.28 | OK |
| | | | 0.09 | 0.099 | 19.64 | 74.26 | 0.26 | OK |
| 又X12 | 3.30 | 0.00 | | | 19.54 | | 0.26 | OK |
| | | | 0.12 | 0.128 | 22.84 | 73.87 | 0.31 | OK |
| 又X12 | 1.25 | 0.00 | | | 22.71 | | 0.31 | OK |
| | | | 0.15 | 0.171 | 23.96 | 73.37 | 0.33 | OK |
| 又X12 | 1.35 | 0.00 | | | 23.79 | | 0.32 | OK |
| | | | 0.48 | 0.537 | 25.14 | 72.17 | 0.35 | OK |
| 又X12 | 3.40 | 1.25 | | | 24.60 | | 0.34 | OK |
| | | | 1.37 | 1.531 | 26.75 | 68.66 | 0.39 | OK |
| 又X13 | 2.27 | 0.00 | | | 25.22 | | 0.37 | OK |
| | | | 0.98 | 1.090 | 27.49 | 66.07 | 0.42 | OK |
| 又X13 | 1.35 | 0.00 | | | 26.40 | | 0.40 | OK |
| | | | 0.92 | 1.025 | 27.75 | 66.07 | 0.42 | OK |
| 又X13 | 3.40 | 3.15 | | | 26.73 | | 0.40 | OK |
| | | | 0.89 | 0.990 | 26.98 | 66.07 | 0.41 | OK |
| (又X14) | 0.00 | 2.68 | | | 25.99 | | 0.39 | OK |
| | | | 0.67 | 0.744 | 23.31 | 66.07 | 0.35 | OK |
| (又X14) | 0.00 | 0.48 | | | 22.57 | | 0.34 | OK |
| | | | 0.36 | 0.399 | 22.09 | 66.07 | 0.33 | OK |
| 又X14 | 2.06 | 0.00 | | | 21.69 | | 0.33 | OK |
| | | | 1.76 | 1.963 | 23.75 | 66.07 | 0.36 | OK |
| (又X15) | 0.00 | 2.68 | | | 21.79 | | 0.33 | OK |
| | | | 1.51 | 1.684 | 19.11 | 63.22 | 0.30 | OK |
| 又X15 | 1.37 | 0.00 | | | 17.43 | | 0.28 | OK |
| | | | 0.38 | 0.420 | 18.80 | 59.65 | 0.32 | OK |
| (又X15) | 0.00 | 1.82 | | | 18.38 | | 0.31 | OK |
| | | | 0.32 | 0.358 | 16.56 | 58.33 | 0.28 | OK |
| 又X15 | 4.62 | 0.00 | | | 16.20 | | 0.28 | OK |
| | | | 0.66 | 0.735 | 20.82 | 56.48 | 0.37 | OK |
| | | | | | 20.09 | | 0.36 | OK |

１階Ｙ＋方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又X15 | 2.56 | 1.89 | | | | | | |
| | | | 0.46 | 0.509 | 20.76 | 55.23 | 0.38 | OK |
| 又X16 | 4.24 | 2.43 | | | 20.25 | | 0.37 | OK |
| | | | 2.00 | 2.226 | 22.06 | 55.23 | 0.40 | OK |
| (又X16) | 0.00 | 0.44 | | | 19.83 | | 0.36 | OK |
| | | | 0.44 | 0.489 | 19.39 | 55.23 | 0.35 | OK |
| 又X16 | 1.37 | 0.00 | | | 18.90 | | 0.34 | OK |
| | | | 0.40 | 0.444 | 20.27 | 55.23 | 0.37 | OK |
| 又X16 | 0.78 | 0.00 | | | 19.83 | | 0.36 | OK |
| | | | 2.39 | 2.662 | 20.61 | 55.23 | 0.37 | OK |
| (又X17) | 0.00 | 2.68 | | | 17.95 | | 0.33 | OK |
| | | | 0.11 | 0.119 | 15.27 | 55.23 | 0.28 | OK |
| 又X17 | 1.53 | 0.00 | | | 15.15 | | 0.27 | OK |
| | | | 2.10 | 2.338 | 16.68 | 55.23 | 0.30 | OK |
| (又X18) | 0.00 | 0.43 | | | 14.34 | | 0.26 | OK |
| | | | 1.55 | 1.731 | 13.91 | 53.47 | 0.26 | OK |
| (又X18) | 0.00 | 3.62 | | | 12.18 | | 0.23 | OK |
| | | | 2.36 | 2.625 | 8.56 | 44.39 | 0.19 | OK |
| (又X19) | 0.00 | 2.62 | | | 5.94 | | 0.13 | OK |
| | | | 0.80 | 0.891 | 3.32 | 41.30 | 0.08 | OK |
| 又X19 | 2.34 | 0.00 | | | 2.43 | | 0.06 | OK |
| | | | 0.62 | 0.688 | 4.77 | 38.62 | 0.12 | OK |
| 又X19 | 0.78 | 0.00 | | | 4.08 | | 0.11 | OK |
| | | | 1.02 | 1.135 | 4.86 | 35.53 | 0.14 | OK |
| 又X20 | 2.85 | 3.15 | | | 3.73 | | 0.10 | OK |
| | | | 1.82 | 2.023 | 3.43 | 30.18 | 0.11 | OK |
| 又X20 | 0.78 | 0.00 | | | 1.41 | | 0.05 | OK |
| | | | 1.42 | 1.579 | 2.19 | 24.08 | 0.09 | OK |
| (又X21) | 0.00 | 1.05 | | | 0.61 | | 0.03 | OK |
| | | | 0.04 | 0.045 | -0.44 | 21.33 | 0.02 | OK |
| 又X21 | 1.70 | 0.00 | | | -0.49 | | 0.02 | OK |
| | | | 1.64 | 1.823 | 1.21 | 18.16 | 0.07 | OK |
| 又X21 | 3.40 | 0.00 | | | -0.61 | | 0.03 | OK |
| | | | 3.99 | 4.448 | 2.79 | 11.98 | 0.23 | OK |
| 又X22 | 1.70 | 0.00 | | | -1.66 | | 0.14 | OK |

１階Ｙ－方向

見付面積合計（ΣＡｗ）＝102.05　　Ｑｗ下＝241.88　　Ｑｗ上＝127.67

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| X０ | 54.57 | 32.62 | | | | | | |
| | | | 11.88 | 13.289 | 21.95 | 130.14 | 0.17 | OK |
| (X２) | 0.00 | 1.72 | | | 8.66 | | 0.07 | OK |
| | | | 3.27 | 3.665 | 6.94 | 130.14 | 0.05 | OK |
| X３ | 13.67 | 7.35 | | | 3.28 | | 0.03 | OK |
| | | | 6.14 | 6.866 | 9.60 | 130.14 | 0.07 | OK |
| X４ | 24.57 | 0.00 | | | 2.73 | | 0.02 | OK |
| | | | 2.70 | 3.020 | 27.30 | 123.37 | 0.22 | OK |
| | 6.21 | 0.00 | | | 24.28 | | 0.20 | OK |
| | | | 2.70 | 3.020 | 30.49 | 123.37 | 0.25 | OK |
| (X５) | 0.00 | 23.50 | | | 27.47 | | 0.22 | OK |
| | | | 14.74 | 16.491 | 3.97 | 80.56 | 0.05 | OK |
| X６ | 7.89 | 0.00 | | | -12.52 | | 0.16 | OK |
| | | | 5.76 | 6.443 | -4.63 | 80.56 | 0.06 | OK |
| X７ | 23.14 | 0.00 | | | -11.07 | | 0.14 | OK |
| | | | 0.79 | 0.886 | 12.07 | 123.37 | 0.10 | OK |
| (又X７) | 0.00 | 4.15 | | | 11.18 | | 0.09 | OK |
| | | | 5.40 | 6.041 | 7.03 | 123.37 | 0.06 | OK |
| X８ | 4.53 | 7.07 | | | 0.99 | | 0.01 | OK |
| | | | 2.79 | 3.121 | -1.55 | 123.37 | 0.01 | OK |
| X９ | 52.18 | 13.03 | | | -4.67 | | 0.04 | OK |
| | | | 1.11 | 1.238 | 34.48 | 103.61 | 0.33 | OK |
| | | | | | 33.24 | | 0.32 | OK |

１階Ｙ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| 又X９ | 1.36 | 0.00 | | | | | | |
| | | | 2.17 | 2.427 | 34.60 | 104.40 | 0.33 | OK |
| (X10) | 0.00 | 3.64 | | | 32.17 | | 0.31 | OK |
| | | | 0.39 | 0.438 | 28.53 | 103.91 | 0.27 | OK |
| 又X10 | 0.77 | 0.47 | | | 28.09 | | 0.27 | OK |
| | | | 1.27 | 1.425 | 28.39 | 100.78 | 0.28 | OK |
| (又X10) | 0.00 | 0.90 | | | 26.97 | | 0.27 | OK |
| | | | 0.60 | 0.676 | 26.07 | 97.24 | 0.27 | OK |
| (又X10) | 0.00 | 0.59 | | | 25.39 | | 0.26 | OK |
| | | | 0.96 | 1.073 | 24.80 | 94.29 | 0.26 | OK |
| 又X10 | 0.57 | 0.00 | | | 23.73 | | 0.25 | OK |
| | | | 0.32 | 0.357 | 24.30 | 91.88 | 0.26 | OK |
| 又X11 | 0.57 | 0.00 | | | 23.94 | | 0.26 | OK |
| | | | 1.81 | 2.030 | 24.51 | 87.86 | 0.28 | OK |
| (又X11) | 0.00 | 1.04 | | | 22.48 | | 0.26 | OK |
| | | | 0.17 | 0.185 | 21.44 | 84.12 | 0.25 | OK |
| (又X11) | 0.00 | 0.52 | | | 21.26 | | 0.25 | OK |
| | | | 0.05 | 0.058 | 20.74 | 83.71 | 0.25 | OK |
| 又X11 | 2.89 | 0.00 | | | 20.68 | | 0.25 | OK |
| | | | 0.49 | 0.544 | 23.57 | 83.61 | 0.28 | OK |
| (又X11) | 0.00 | 0.52 | | | 23.03 | | 0.28 | OK |
| | | | 0.32 | 0.357 | 22.51 | 83.61 | 0.27 | OK |
| 又X11 | 0.57 | 0.00 | | | 22.15 | | 0.26 | OK |
| | | | 2.43 | 2.724 | 22.72 | 75.29 | 0.30 | OK |
| (又X12) | 0.00 | 1.66 | | | 20.00 | | 0.27 | OK |
| | | | 0.09 | 0.100 | 18.34 | 74.26 | 0.25 | OK |
| 又X12 | 3.09 | 0.00 | | | 18.24 | | 0.25 | OK |
| | | | 0.12 | 0.129 | 21.33 | 73.87 | 0.29 | OK |
| 又X12 | 1.24 | 0.00 | | | 21.20 | | 0.29 | OK |
| | | | 0.15 | 0.172 | 22.44 | 73.37 | 0.31 | OK |
| 又X12 | 1.34 | 0.00 | | | 22.27 | | 0.30 | OK |
| | | | 0.48 | 0.539 | 23.61 | 72.17 | 0.33 | OK |
| 又X12 | 3.39 | 1.23 | | | 23.07 | | 0.32 | OK |
| | | | 1.37 | 1.539 | 25.23 | 68.66 | 0.37 | OK |
| 又X13 | 2.26 | 0.00 | | | 23.69 | | 0.35 | OK |
| | | | 0.98 | 1.096 | 25.95 | 66.07 | 0.39 | OK |
| 又X13 | 1.34 | 0.00 | | | 24.85 | | 0.38 | OK |
| | | | 0.92 | 1.030 | 26.19 | 66.07 | 0.40 | OK |
| 又X13 | 3.39 | 1.87 | | | 25.16 | | 0.38 | OK |
| | | | 0.89 | 0.995 | 26.68 | 66.07 | 0.40 | OK |
| (又X14) | 0.00 | 2.65 | | | 25.69 | | 0.39 | OK |
| | | | 0.67 | 0.747 | 23.04 | 66.07 | 0.35 | OK |
| (又X14) | 0.00 | 0.80 | | | 22.29 | | 0.34 | OK |
| | | | 0.36 | 0.401 | 21.49 | 66.07 | 0.33 | OK |
| 又X14 | 2.06 | 0.00 | | | 21.09 | | 0.32 | OK |
| | | | 1.76 | 1.972 | 23.15 | 66.07 | 0.35 | OK |
| (又X15) | 0.00 | 2.65 | | | 21.18 | | 0.32 | OK |
| | | | 1.51 | 1.692 | 18.53 | 63.22 | 0.29 | OK |
| 又X15 | 1.36 | 0.00 | | | 16.84 | | 0.27 | OK |
| | | | 0.38 | 0.422 | 18.20 | 59.65 | 0.31 | OK |
| (又X15) | 0.00 | 1.80 | | | 17.78 | | 0.30 | OK |
| | | | 0.32 | 0.360 | 15.98 | 58.33 | 0.27 | OK |
| 又X15 | 4.96 | 0.00 | | | 15.62 | | 0.27 | OK |
| | | | 0.66 | 0.739 | 20.58 | 56.48 | 0.36 | OK |
| 又X15 | 1.53 | 3.12 | | | 19.84 | | 0.35 | OK |
| | | | 0.46 | 0.512 | 18.25 | 55.23 | 0.33 | OK |
| 又X16 | 4.23 | 2.41 | | | 17.74 | | 0.32 | OK |
| | | | 2.00 | 2.237 | 19.56 | 55.23 | 0.35 | OK |
| (又X16) | 0.00 | 0.73 | | | 17.32 | | 0.31 | OK |
| | | | 0.44 | 0.491 | 16.59 | 55.23 | 0.30 | OK |
| 又X16 | 1.36 | 0.00 | | | 16.10 | | 0.29 | OK |
| | | | 0.40 | 0.446 | 17.46 | 55.23 | 0.32 | OK |
| 又X16 | 0.77 | 0.00 | | | 17.01 | | 0.31 | OK |
| | | | 2.39 | 2.675 | 17.78 | 55.23 | 0.32 | OK |
| | | | | | 15.11 | | 0.27 | OK |

１階Ｙ－方向

| 通り | Ｐ下ｊ | Ｐ上ｊ | Awj,j+1 (㎡) | wWj,j+1・lj,j+1 | Qj,j+1 / Qj+1,j | Ｐａ | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|
| (又X17) | 0.00 | 2.65 | | | | | | |
| | | | 0.11 | 0.120 | 12.46 | 55.23 | 0.23 | OK |
| 又X17 | 2.55 | 0.00 | | | 12.34 | | 0.22 | OK |
| | | | 2.10 | 2.349 | 14.89 | 55.23 | 0.27 | OK |
| (又X18) | 0.00 | 0.71 | | | 12.54 | | 0.23 | OK |
| | | | 1.55 | 1.739 | 11.83 | 53.47 | 0.22 | OK |
| (又X18) | 0.00 | 3.59 | | | 10.09 | | 0.19 | OK |
| | | | 2.36 | 2.638 | 6.50 | 44.39 | 0.15 | OK |
| (又X19) | 0.00 | 2.18 | | | 3.86 | | 0.09 | OK |
| | | | 0.80 | 0.895 | 1.68 | 41.30 | 0.04 | OK |
| 又X19 | 2.33 | 0.00 | | | 0.78 | | 0.02 | OK |
| | | | 0.62 | 0.691 | 3.11 | 38.62 | 0.08 | OK |
| 又X19 | 0.77 | 0.00 | | | 2.42 | | 0.06 | OK |
| | | | 1.02 | 1.141 | 3.19 | 35.53 | 0.09 | OK |
| 又X20 | 2.84 | 1.87 | | | 2.05 | | 0.06 | OK |
| | | | 1.82 | 2.033 | 3.02 | 30.18 | 0.10 | OK |
| 又X20 | 0.77 | 0.00 | | | 0.99 | | 0.03 | OK |
| | | | 1.42 | 1.587 | 1.76 | 24.08 | 0.07 | OK |
| (又X21) | 0.00 | 0.62 | | | 0.17 | | 0.01 | OK |
| | | | 0.04 | 0.045 | -0.45 | 21.33 | 0.02 | OK |
| 又X21 | 1.70 | 0.00 | | | -0.50 | | 0.02 | OK |
| | | | 1.64 | 1.832 | 1.20 | 18.16 | 0.07 | OK |
| 又X21 | 3.39 | 0.00 | | | -0.63 | | 0.03 | OK |
| | | | 3.99 | 4.470 | 2.76 | 11.98 | 0.23 | OK |
| 又X22 | 1.70 | 0.00 | | | -1.71 | | 0.14 | OK |

5 接合部の設計

［使用記号］

β　　：押え(曲げ戻し)の効果を表す係数
Ｖs　　：耐力壁より算定した柱の短期軸力(正:引張、負:圧縮)　　〈kN〉
ＶL　　：柱にかかる鉛直荷重による押え込み力(固定+地震用積載)　〈kN〉
Ｖα　　：直交する耐力壁に取り付く柱の押さえ込み力　　〈kN〉
ＱＮ　　：耐力壁より算定した柱のせん断力(金物工法のみ)　　〈kN〉

Ｖs が正(引張)の場合:
　Ｖτ＝Ｖs×β＋上階のＶs×β－ＶL－Ｖα
Ｖs が負(圧縮)の場合:
　Ｖτ＝Ｖs＋上階のＶs×β－ＶL－Ｖα
※ただし、Ｖs＋上階のＶs×βが負(圧縮)の場合はＶα＝0
Ｃμ　　：摩擦力による低減係数(金物工法のみ)

5.1 柱頭・柱脚の接合金物の検討 (標準計算法)

※ＶτとＱＮが最大となる方向で検討しています。

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Ｖs | 上階のVs*β | ＶL | Ｖα | Ｖτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭圧縮[Cμ]<br>柱脚圧縮[Cμ] | Ｖτ(柱頭QN)<br>Ｖτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)〈計〉 | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | XO<br>Y1 | 0.5 | ◎X＋ | 15.62 | 0.00 | 1.39 | 0.00 | 6.42 | 4.46 0.00 | 0.00 | 6.42 | | | | | |
| | | | X－ | -9.37 | 0.00 | 1.39 | 0.00 | -10.76 | 0.00 2.68 | 1.00 | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.39 | 0.00 | -1.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.39 | 0.00 | -1.39 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 15.62 | 0.00 | 1.39 | 0.00 | 11.10 | 0.00 0.00 | - | 11.10 | HDP-15 | HDP-15 | 16.10 | 0.69 | OK |
| | | | X－ | -9.37 | 0.00 | 1.39 | 0.00 | -10.76 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.39 | 0.00 | -1.39 | 0.00 0.00 | - | | | | | 〈0.69〉 | |
| | | | Y－ | 0.00 | 0.00 | 1.39 | 0.00 | -1.39 | 0.00 0.00 | - | | | | | | |
| | 又X1<br>Y1 | 0.5 | ◎X＋ | 12.15 | 0.00 | 1.78 | 0.00 | 4.29 | 5.12 0.00 | 0.00 | 4.29 | HDP-15 | HDP-15 | 16.10 | 0.27 | OK |
| | | | X－ | -18.39 | 0.00 | 1.78 | 0.00 | -20.17 | 0.00 3.07 | 1.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | 〈0.27〉 | |
| | | | Y－ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 12.15 | 0.00 | 1.78 | 0.00 | 4.29 | 4.46 3.07 | 0.00 | 4.29 | HDP-15 | HDP-15 | 16.10 | 0.27 | OK |
| | | | X－ | -18.39 | 0.00 | 1.78 | 0.00 | -20.17 | 5.12 2.68 | 0.00 | (3.07) | | | (8.40) | (0.37) | |
| | | | Y＋ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | 〈0.63〉 | |
| | | | Y－ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y1 | 0.5 | X＋ | -27.76 | 0.00 | 7.42 | 0.00 | -35.18 | 0.00 3.07 | 1.00 | 6.47 | HDP-15 | HDP-15 | 16.10 | 0.40 | OK |
| | | | ◎X－ | 27.76 | 0.00 | 7.42 | 0.00 | 6.47 | 5.12 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | 〈0.40〉 | |
| | | | Y－ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -27.76 | 0.00 | 7.42 | 0.00 | -35.18 | 5.12 0.00 | 0.00 | 6.47 | HDP-15 | HDP-15 | 16.10 | 0.40 | OK |
| | | | ◎X－ | 27.76 | 0.00 | 7.42 | 0.00 | 6.47 | 0.00 3.07 | 1.00 | (3.07) | | | (8.40) | (0.37) | |
| | | | Y＋ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | 〈0.77〉 | |
| | | | Y－ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | | |
| | 又X3<br>Y1 | 0.5 | X＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | -8.84 | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | -8.84 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | 〈0.00〉 | |
| | | | Y－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y1 | 0.5 | ◎X＋ | 24.99 | 0.00 | 4.61 | 0.00 | 7.89 | 4.46 0.00 | 0.00 | 7.89 | | | | | |
| | | | X－ | -24.99 | 0.00 | 4.61 | 0.00 | -29.59 | 0.00 2.68 | 1.00 | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.61 | 0.00 | -4.61 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.61 | 0.00 | -4.61 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 24.99 | 0.00 | 4.61 | 0.00 | 7.89 | 0.00 2.68 | 1.00 | 7.89 | HDP-15 | HDP-15 | 16.10 | 0.49 | OK |
| | | | X－ | -24.99 | 0.00 | 4.61 | 0.00 | -29.59 | 4.46 0.00 | 0.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 4.61 | 0.00 | -4.61 | 0.00 0.00 | - | | | | | 〈0.81〉 | |
| | | | Y－ | 0.00 | 0.00 | 4.61 | 0.00 | -4.61 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭圧縮[Cμ]<br>柱脚圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y1 | 0.5 | X＋ | -14.57 | 0.00 | 1.78 | 0.00 | -16.35 | 0.00 2.68 | 1.00 | 2.04 | HDP-10 | HDP-10 | 10.30 | 0.20 | OK |
| | | | ◎X－ | 7.63 | 0.00 | 1.78 | 0.00 | 2.04 | 4.46 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | <0.20> | |
| | | | Y－ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -14.57 | 0.00 | 1.78 | 0.00 | -16.35 | 4.46 3.07 | 0.00 | 2.04 | HDP-10 | HDP-10 | 10.30 | 0.20 | OK |
| | | | ◎X－ | 7.63 | 0.00 | 1.78 | 0.00 | 2.04 | 5.12 2.68 | 0.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | <0.52> | |
| | | | Y－ | 0.00 | 0.00 | 1.78 | 0.00 | -1.78 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y1 | 0.5 | X＋ | -10.41 | 0.00 | 7.42 | 0.00 | -17.83 | 0.00 3.07 | 1.00 | 1.26 | HDP-15 | HDP-15 | 16.10 | 0.08 | OK |
| | | | ◎X－ | 17.35 | 0.00 | 7.42 | 0.00 | 1.26 | 5.12 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | <0.08> | |
| | | | Y－ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -10.41 | 0.00 | 7.42 | 0.00 | -17.83 | 0.00 0.00 | - | 1.26 | HDP-15 | HDP-15 | 16.10 | 0.08 | OK |
| | | | ◎X－ | 17.35 | 0.00 | 7.42 | 0.00 | 1.26 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | <0.08> | |
| | | | Y－ | 0.00 | 0.00 | 7.42 | 0.00 | -7.42 | 0.00 0.00 | - | | | | | | |
| | 又X6<br>Y1 | 0.5 | X＋ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | -8.04 | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | -8.04 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 8.04 | 0.00 | -8.04 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y1 | 0.5 | ◎X＋ | 10.41 | 0.00 | 5.60 | 0.00 | -0.39 | 0.00 0.00 | - | -0.39 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | -17.35 | 0.00 | 5.60 | 0.00 | -22.95 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.60 | 0.00 | -5.60 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.60 | 0.00 | -5.60 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 10.41 | 0.00 | 5.60 | 0.00 | -0.39 | 0.00 4.01 | 1.00 | -0.39 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | -17.35 | 0.00 | 5.60 | 0.00 | -22.95 | 6.69 0.00 | 0.00 | (4.01) | | | (8.40) | (0.48) | |
| | | | Y＋ | 0.00 | 0.00 | 5.60 | 0.00 | -5.60 | 0.00 0.00 | - | | | | | <0.48> | |
| | | | Y－ | 0.00 | 0.00 | 5.60 | 0.00 | -5.60 | 0.00 0.00 | - | | | | | | |
| | X9<br>Y1 | 0.5 | X＋ | -10.41 | 0.00 | 2.70 | 0.00 | -13.11 | 0.00 4.01 | 1.00 | 5.98 | | | | | |
| | | | ◎X－ | 17.35 | 0.00 | 2.70 | 0.00 | 5.98 | 6.69 0.00 | 0.00 | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.70 | 0.00 | -2.70 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.70 | 0.00 | -2.70 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -10.41 | 0.00 | 2.70 | 0.00 | -13.11 | 0.00 0.00 | - | 11.18 | HDP-15 | HDP-15 | 16.10 | 0.69 | OK |
| | | | ◎X－ | 17.35 | 0.00 | 2.70 | 0.00 | 11.18 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.70 | 0.00 | -2.70 | 0.00 0.00 | - | | | | | <0.69> | |
| | | | Y－ | 0.00 | 0.00 | 2.70 | 0.00 | -2.70 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | -0.21 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | -0.21 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.21 | 0.00 | -0.21 | 0.00 0.00 | - | | | | | | |
| | X0<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | 3.28 | HDP-10 | HDP-10 | 10.30 | 0.32 | OK |
| | | | X－ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 10.41 | 0.00 | 1.93 | 0.00 | 3.28 | 0.00 0.00 | - | | | | | <0.32> | |
| | | | Y－ | -17.35 | 0.00 | 1.93 | 0.00 | -19.28 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | 3.28 | HDP-10 | HDP-10 | 10.30 | 0.32 | OK |
| | | | X－ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | (4.01) | | | (8.40) | (0.48) | |
| | | | ◎Y＋ | 10.41 | 0.00 | 1.93 | 0.00 | 3.28 | 0.00 4.01 | 1.00 | | | | | <0.80> | |
| | | | Y－ | -17.35 | 0.00 | 1.93 | 0.00 | -19.28 | 6.69 0.00 | 0.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の Vs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張 耐力 (せん断) | 検定値 (せん断) <計> | 柱頭 判定<br>柱脚 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X5<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 2.02 | 0.00 | -2.02 | 0.00 0.00 | - | 6.65<br>(1.98) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.30<br>(0.24)<br><0.54> | OK |
| | | | X－ | 0.00 | 0.00 | 2.02 | 0.00 | -2.02 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 2.02 | 0.00 | 6.65 | 8.92 0.00 | 0.22 | | | | | | |
| | | | Y－ | -10.41 | 0.00 | 2.02 | 0.00 | -12.43 | 0.00 5.35 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.02 | 0.00 | -2.02 | 0.00 0.00 | - | 6.65<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.30<br>(-)<br><0.30> | OK |
| | | | X－ | 0.00 | 0.00 | 2.02 | 0.00 | -2.02 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 2.02 | 0.00 | 6.65 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -10.41 | 0.00 | 2.02 | 0.00 | -12.43 | 0.00 0.00 | - | | | | | | |
| | X9<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 1.24 | 0.00 | -1.24 | 0.00 0.00 | - | 6.57<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.64<br>(-)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 1.24 | 0.00 | -1.24 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 15.62 | 0.00 | 1.24 | 0.00 | 6.57 | 4.46 0.00 | 0.00 | | | | | | |
| | | | Y－ | -9.37 | 0.00 | 1.24 | 0.00 | -10.61 | 0.00 2.68 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.24 | 0.00 | -1.24 | 0.00 0.00 | - | 6.57<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.64<br>(-)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 1.24 | 0.00 | -1.24 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 15.62 | 0.00 | 1.24 | 0.00 | 6.57 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -9.37 | 0.00 | 1.24 | 0.00 | -10.61 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | -1.22<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | -1.22<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.22 | 0.00 | -1.22 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.33 | 0.00 | -2.33 | 0.00 0.00 | - | -2.33<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.33 | 0.00 | -2.33 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -6.25 | 0.00 | 2.33 | 0.00 | -8.58 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -6.25 | 0.00 | 2.33 | 0.00 | -8.58 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.33 | 0.00 | -2.33 | 0.00 0.00 | - | -2.33<br>(2.68) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 2.33 | 0.00 | -2.33 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -6.25 | 0.00 | 2.33 | 0.00 | -8.58 | 4.46 2.68 | 0.00 | | | | | | |
| | | | Y－ | -6.25 | 0.00 | 2.33 | 0.00 | -8.58 | 4.46 2.68 | 0.00 | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.61 | 0.00 | -2.61 | 0.00 0.00 | - | 0.86<br>(4.01) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.08<br>(0.48)<br><0.56> | OK |
| | | | X－ | 0.00 | 0.00 | 2.61 | 0.00 | -2.61 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 6.94 | 0.00 | 2.61 | 0.00 | 0.86 | 0.00 4.01 | 1.00 | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.61 | 0.00 | -2.61 | 6.69 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.61 | 0.00 | -2.61 | 0.00 0.00 | - | 0.86<br>(-) | HDP-CC | HDP-CC | 9.20<br>(9.20) | 0.09<br>(-)<br><0.09> | OK |
| | | | X－ | 0.00 | 0.00 | 2.61 | 0.00 | -2.61 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 6.94 | 0.00 | 2.61 | 0.00 | 0.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.61 | 0.00 | -2.61 | 0.00 0.00 | - | | | | | | |
| | 又X12<br>又 | 0.5 | X＋ | -6.39 | 0.00 | 3.03 | 0.00 | -9.42 | 0.00 0.00 | - | 0.16<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.02<br>(-)<br><0.02> | OK |
| | | | ◎X－ | 6.39 | 0.00 | 3.03 | 0.00 | 0.16 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.03 | 0.00 | -3.03 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.03 | 0.00 | -3.03 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -6.39 | 0.00 | 3.03 | 0.00 | -9.42 | 0.00 0.00 | - | 2.08<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.20<br>(-)<br><0.20> | OK |
| | | | ◎X－ | 6.39 | 0.00 | 3.03 | 0.00 | 2.08 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.03 | 0.00 | -3.03 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.03 | 0.00 | -3.03 | 0.00 0.00 | - | | | | | | |
| | X5<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.90 | 0.00 | -1.90 | 0.00 0.00 | - | 3.30<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.15<br>(-)<br><0.15> | OK |
| | | | X－ | 0.00 | 0.00 | 1.90 | 0.00 | -1.90 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 1.90 | 0.00 | -19.26 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 10.41 | 0.00 | 1.90 | 0.00 | 3.30 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.90 | 0.00 | -1.90 | 0.00 0.00 | - | 3.30<br>(5.35) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.15<br>(0.64)<br><0.79> | OK |
| | | | X－ | 0.00 | 0.00 | 1.90 | 0.00 | -1.90 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 1.90 | 0.00 | -19.26 | 8.92 0.00 | 0.22 | | | | | | |
| | | | ◎Y－ | 10.41 | 0.00 | 1.90 | 0.00 | 3.30 | 0.00 5.35 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 5.26 | 0.00 | -5.26 | 0.00 0.00 | - | 2.55<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.25<br>(-)<br><0.25> | OK |
| | | | X－ | 0.00 | 0.00 | 5.26 | 0.00 | -5.26 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -9.37 | 0.00 | 5.26 | 0.00 | -14.63 | 0.00 2.68 | 1.00 | | | | | | |
| | | | ◎Y－ | 15.62 | 0.00 | 5.26 | 0.00 | 2.55 | 4.46 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.26 | 0.00 | -5.26 | 0.00 0.00 | - | 2.55<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.25<br>(-)<br><0.25> | OK |
| | | | X－ | 0.00 | 0.00 | 5.26 | 0.00 | -5.26 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -9.37 | 0.00 | 5.26 | 0.00 | -14.63 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.62 | 0.00 | 5.26 | 0.00 | 2.55 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.8 | X＋ | -15.06 | 0.00 | 3.33 | 0.00 | -18.39 | 0.00 0.00 | - | 3.89<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.38<br>(-)<br><0.38> | OK |
| | | | ◎X－ | 9.02 | 0.00 | 3.33 | 0.00 | 3.89 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.68 | 0.00 | 3.33 | 0.00 | -12.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 8.68 | 0.00 | 3.33 | 0.00 | 3.61 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -15.06 | 0.00 | 3.33 | 0.00 | -18.39 | 3.33 0.00 | 0.00 | 3.89<br>(2.00) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.38<br>(0.24)<br><0.61> | OK |
| | | | ◎X－ | 9.02 | 0.00 | 3.33 | 0.00 | 3.89 | 0.00 2.00 | 1.00 | | | | | | |
| | | | Y＋ | -8.68 | 0.00 | 3.33 | 0.00 | -12.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 8.68 | 0.00 | 3.33 | 0.00 | 3.61 | 0.00 0.00 | - | | | | | | |
| | 又X12<br>又 | 0.8 | X＋ | 8.68 | 0.00 | 2.23 | 0.00 | 4.71 | 1.11 0.00 | 0.00 | 9.82<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.95<br>(-)<br><0.95> | OK |
| | | | X－ | -5.21 | 0.00 | 2.23 | 0.00 | -7.44 | 0.00 0.67 | 1.00 | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 2.23 | 0.00 | -17.29 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.06 | 0.00 | 2.23 | 0.00 | 9.82 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 8.68 | 0.00 | 2.23 | 0.00 | 4.71 | 0.00 0.00 | - | 9.82<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.95<br>(-)<br><0.95> | OK |
| | | | X－ | -5.21 | 0.00 | 2.23 | 0.00 | -7.44 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 2.23 | 0.00 | -17.29 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.06 | 0.00 | 2.23 | 0.00 | 9.82 | 0.00 0.00 | - | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | 5.38<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.52<br>(-)<br><0.52> | OK |
| | | | X－ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 3.30 | 0.00 | -20.65 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 17.35 | 0.00 | 3.30 | 0.00 | 5.38 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | 5.38<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.52<br>(-)<br><0.52> | OK |
| | | | X－ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 3.30 | 0.00 | -20.65 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 17.35 | 0.00 | 3.30 | 0.00 | 5.38 | 0.00 0.00 | - | | | | | | |
| | X5<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.36 | 0.00 | -2.36 | 0.00 0.00 | - | 2.85<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.13<br>(-)<br><0.13> | OK |
| | | | X－ | 0.00 | 0.00 | 2.36 | 0.00 | -2.36 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 10.41 | 0.00 | 2.36 | 0.00 | 2.85 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 2.36 | 0.00 | -19.71 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.36 | 0.00 | -2.36 | 0.00 0.00 | - | 2.85<br>(5.35) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.13<br>(0.64)<br><0.77> | OK |
| | | | X－ | 0.00 | 0.00 | 2.36 | 0.00 | -2.36 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 10.41 | 0.00 | 2.36 | 0.00 | 2.85 | 0.00 5.35 | 1.00 | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 2.36 | 0.00 | -19.71 | 8.92 0.00 | 0.22 | | | | | | |
| | 又X10<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 8.29 | 0.00 | -8.29 | 0.00 0.00 | - | -1.34<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 8.29 | 0.00 | -8.29 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -5.21 | 0.00 | 8.29 | 0.00 | -13.49 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 8.68 | 0.00 | 8.29 | 0.00 | -1.34 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 8.29 | 0.00 | -8.29 | 0.00 0.00 | - | -1.34<br>(0.38) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.05)<br><0.05> | OK |
| | | | X－ | 0.00 | 0.00 | 8.29 | 0.00 | -8.29 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -5.21 | 0.00 | 8.29 | 0.00 | -13.49 | 0.64 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 8.68 | 0.00 | 8.29 | 0.00 | -1.34 | 0.00 0.38 | 1.00 | | | | | | |
| | 又X13<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 3.65 | 0.00 | -3.65 | 0.00 0.00 | - | 3.57<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.35<br>(-)<br><0.35> | OK |
| | | | X－ | 0.00 | 0.00 | 3.65 | 0.00 | -3.65 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 3.65 | 0.00 | -18.71 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 9.02 | 0.00 | 3.65 | 0.00 | 3.57 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 3.65 | 0.00 | -3.65 | 0.00 0.00 | - | 3.57<br>(3.48) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.16<br>(0.41)<br><0.57> | OK |
| | | | X－ | 0.00 | 0.00 | 3.65 | 0.00 | -3.65 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 3.65 | 0.00 | -18.71 | 5.79 0.00 | 0.10 | | | | | | |
| | | | ◎Y－ | 9.02 | 0.00 | 3.65 | 0.00 | 3.57 | 0.00 3.48 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | XO<br>Y2 | 0.5 | X＋ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | -5.01<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | -5.01<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.01 | 0.00 | -5.01 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y2 | 0.5 | X＋ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | -0.04<br>(7.33) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.87)<br><0.87> | OK |
| | | | X－ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 6.94 | 0.00 | 3.51 | 0.00 | -0.04 | 8.92 5.35 | 0.22 | | | | | | |
| | | | Y－ | 6.94 | 0.00 | 3.51 | 0.00 | -0.04 | 8.92 5.35 | 0.22 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | -0.04<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 6.94 | 0.00 | 3.51 | 0.00 | -0.04 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 6.94 | 0.00 | 3.51 | 0.00 | -0.04 | 0.00 0.00 | - | | | | | | |
| | X9<br>Y2 | 0.5 | X＋ | 0.00 | 0.00 | 9.64 | 0.00 | -9.64 | 0.00 0.00 | - | -0.96<br>(4.01) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.48)<br><0.48> | OK |
| | | | X－ | 0.00 | 0.00 | 9.64 | 0.00 | -9.64 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 17.35 | 0.00 | 9.64 | 0.00 | -0.96 | 6.69 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | -10.41 | 0.00 | 9.64 | 0.00 | -20.05 | 0.00 4.01 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 9.64 | 0.00 | -9.64 | 0.00 0.00 | - | -0.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 9.64 | 0.00 | -9.64 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 9.64 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -10.41 | 0.00 | 9.64 | 0.00 | -20.05 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又 | 0.8 | ◎X＋ | 5.21 | 0.00 | 4.03 | 0.00 | 0.14 | 0.00 0.00 | - | 0.14<br>(-) | | | | | |
| | | | X－ | -8.68 | 0.00 | 4.03 | 0.00 | -12.70 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.03 | 0.00 | -4.03 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.03 | 0.00 | -4.03 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 5.21 | 0.00 | 4.03 | 0.00 | 0.14 | 0.00 0.67 | 1.00 | 0.14<br>(0.67) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.01<br>(0.08)<br><0.09> | OK |
| | | | X－ | -8.68 | 0.00 | 4.03 | 0.00 | -12.70 | 1.11 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.03 | 0.00 | -4.03 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.03 | 0.00 | -4.03 | 0.00 0.00 | - | | | | | | |
| | 又X18<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | -0.54<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | -0.54<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | -3.28<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -6.94 | 0.00 | 3.28 | 0.00 | -10.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -6.94 | 0.00 | 3.28 | 0.00 | -10.22 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | -3.28<br>(4.01) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.48)<br><0.48> | OK |
| | | | X－ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -6.94 | 0.00 | 3.28 | 0.00 | -10.22 | 6.69 4.01 | 0.00 | | | | | | |
| | | | Y－ | -6.94 | 0.00 | 3.28 | 0.00 | -10.22 | 6.69 4.01 | 0.00 | | | | | | |
| | XO | 0.5 | X＋ | 0.00 | 0.00 | 3.91 | 0.00 | -3.91 | 0.00 0.00 | - | 4.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.46<br>(-)<br><0.46> | OK |
| | | | X－ | 0.00 | 0.00 | 3.91 | 0.00 | -3.91 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 3.91 | 0.00 | 4.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 3.91 | 0.00 | -21.26 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.91 | 0.00 | -3.91 | 0.00 0.00 | - | 4.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.46<br>(-)<br><0.46> | OK |
| | | | X－ | 0.00 | 0.00 | 3.91 | 0.00 | -3.91 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 3.91 | 0.00 | 4.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 3.91 | 0.00 | -21.26 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の Vs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又 | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | X3 | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | X5 | 0.5 | X＋ | 0.00 | 0.00 | 2.53 | 0.00 | -2.53 | 0.00 0.00 | - | 2.67 | HDP-20 | HDP-20 | 22.20 | 0.12 | OK |
| | | | X－ | 0.00 | 0.00 | 2.53 | 0.00 | -2.53 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -17.35 | 0.00 | 2.53 | 0.00 | -19.88 | 0.00 0.00 | - | | | | | <0.12> | |
| | | | ◎Y－ | 10.41 | 0.00 | 2.53 | 0.00 | 2.67 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.53 | 0.00 | -2.53 | 0.00 0.00 | - | 2.67 | HDP-20 | HDP-20 | 22.20 | 0.12 | OK |
| | | | X－ | 0.00 | 0.00 | 2.53 | 0.00 | -2.53 | 0.00 0.00 | - | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | -17.35 | 0.00 | 2.53 | 0.00 | -19.88 | 8.92 0.00 | 0.22 | | | | | <0.76> | |
| | | | ◎Y－ | 10.41 | 0.00 | 2.53 | 0.00 | 2.67 | 0.00 5.35 | 1.00 | | | | | | |
| | 又 | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | 又X19<br>又 | 0.5 | ◎X＋ | 8.68 | 0.00 | 3.19 | 0.00 | 1.15 | 1.11 0.00 | 0.00 | 1.15 | HDP-10 | HDP-10 | 10.30 | 0.11 | OK |
| | | | X－ | -5.21 | 0.00 | 3.19 | 0.00 | -8.39 | 0.00 0.67 | 1.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.19 | 0.00 | -3.19 | 0.00 0.00 | - | | | | | <0.11> | |
| | | | Y－ | 0.00 | 0.00 | 3.19 | 0.00 | -3.19 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 8.68 | 0.00 | 3.19 | 0.00 | 3.75 | 0.00 0.00 | - | 3.75 | HDP-15 | HDP-15 | 16.10 | 0.23 | OK |
| | | | X－ | -5.21 | 0.00 | 3.19 | 0.00 | -8.39 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.19 | 0.00 | -3.19 | 0.00 0.00 | - | | | | | <0.23> | |
| | | | Y－ | 0.00 | 0.00 | 3.19 | 0.00 | -3.19 | 0.00 0.00 | - | | | | | | |
| | 又X15<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | 7.63 | HDP-10 | HDP-10 | 10.30 | 0.74 | OK |
| | | | X－ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -9.02 | 0.00 | 4.42 | 0.00 | -13.44 | 0.00 0.00 | - | | | | | <0.74> | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.42 | 0.00 | 7.63 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | 7.63 | HDP-15 | HDP-15 | 16.10 | 0.47 | OK |
| | | | X－ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | (3.48) | | | (8.40) | (0.41) | |
| | | | Y＋ | -9.02 | 0.00 | 4.42 | 0.00 | -13.44 | 5.79 0.00 | 0.10 | | | | | <0.89> | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.42 | 0.00 | 7.63 | 0.00 3.48 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | XO<br>Y3 | 0.5 | ◎X＋ | 17.35 | 0.00 | 3.93 | 0.00 | 4.74 | 8.92 0.00 | 0.22 | 4.74 | | | | | |
| | | | X－ | -10.41 | 0.00 | 3.93 | 0.00 | -14.34 | 0.00 5.35 | 1.00 | (1.98) | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 3.93 | 0.00 | -21.28 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 17.35 | 0.00 | 3.93 | 0.00 | 4.74 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 17.35 | 0.00 | 3.93 | 0.00 | 4.74 | 0.00 0.00 | - | 4.74 | | | | | |
| | | | X－ | -10.41 | 0.00 | 3.93 | 0.00 | -14.34 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 3.93 | 0.00 | -21.28 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 17.35 | 0.00 | 3.93 | 0.00 | 4.74 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y3 | 0.5 | X＋ | -17.35 | 0.00 | 4.72 | 0.00 | -22.07 | 0.00 0.00 | - | 0.49 | HDP-10 | HDP-10 | 10.30 | 0.05 | OK |
| | | | ◎X－ | 10.41 | 0.00 | 4.72 | 0.00 | 0.49 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.72 | 0.00 | -4.72 | 0.00 0.00 | - | | | | | <0.05> | |
| | | | Y－ | 0.00 | 0.00 | 4.72 | 0.00 | -4.72 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -17.35 | 0.00 | 4.72 | 0.00 | -22.07 | 8.92 0.00 | 0.22 | 0.49 | HDP-10 | HDP-10 | 10.30 | 0.05 | OK |
| | | | ◎X－ | 10.41 | 0.00 | 4.72 | 0.00 | 0.49 | 0.00 5.35 | 1.00 | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 4.72 | 0.00 | -4.72 | 0.00 0.00 | - | | | | | <0.68> | |
| | | | Y－ | 0.00 | 0.00 | 4.72 | 0.00 | -4.72 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y3 | 0.5 | ◎X＋ | 10.41 | 0.00 | 3.32 | 0.00 | 1.88 | 0.00 0.00 | - | 1.88 | HDP-10 | HDP-10 | 10.30 | 0.18 | OK |
| | | | X－ | -17.35 | 0.00 | 3.32 | 0.00 | -20.68 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.32 | 0.00 | -3.32 | 0.00 0.00 | - | | | | | <0.18> | |
| | | | Y－ | 0.00 | 0.00 | 3.32 | 0.00 | -3.32 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 10.41 | 0.00 | 3.32 | 0.00 | 1.88 | 0.00 5.35 | 1.00 | 1.88 | HDP-10 | HDP-10 | 10.30 | 0.18 | OK |
| | | | X－ | -17.35 | 0.00 | 3.32 | 0.00 | -20.68 | 8.92 0.00 | 0.22 | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 3.32 | 0.00 | -3.32 | 0.00 0.00 | - | | | | | <0.82> | |
| | | | Y－ | 0.00 | 0.00 | 3.32 | 0.00 | -3.32 | 0.00 0.00 | - | | | | | | |
| | X3<br>Y3 | 0.5 | X＋ | -10.41 | 0.00 | 8.43 | 0.00 | -18.84 | 0.00 5.35 | 1.00 | 0.25 | | | | | |
| | | | ◎X－ | 17.35 | 0.00 | 8.43 | 0.00 | 0.25 | 8.92 0.00 | 0.22 | (1.98) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.43 | 0.00 | -8.43 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.43 | 0.00 | -8.43 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -10.41 | 0.00 | 8.43 | 0.00 | -18.84 | 0.00 0.00 | - | 0.25 | | | | | |
| | | | ◎X－ | 17.35 | 0.00 | 8.43 | 0.00 | 0.25 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.43 | 0.00 | -8.43 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.43 | 0.00 | -8.43 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | -4.48 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | -4.48 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 4.48 | 0.00 | -4.48 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y3 | 0.5 | ◎X＋ | 10.41 | 0.00 | 3.22 | 0.00 | 1.98 | 0.00 0.00 | - | 1.98 | | | | | |
| | | | X－ | -17.35 | 0.00 | 3.22 | 0.00 | -20.57 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 10.41 | 0.00 | 3.22 | 0.00 | 1.98 | 0.00 4.01 | 1.00 | 1.98 | | | | | |
| | | | X－ | -17.35 | 0.00 | 3.22 | 0.00 | -20.57 | 6.69 0.00 | 0.00 | (4.01) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y3 | 0.5 | ◎X＋ | 17.35 | 0.00 | 3.20 | 0.00 | 5.48 | 5.02 4.01 | 0.00 | 5.48 | HDP-15 | HDP-15 | 16.10 | 0.34 | OK |
| | | | X－ | -10.41 | 0.00 | 3.20 | 0.00 | -13.61 | 6.69 3.01 | 0.00 | (4.01) | | | (8.40) | (0.48) | |
| | | | Y＋ | 0.00 | 0.00 | 3.20 | 0.00 | -3.20 | 0.00 0.00 | - | | | | | <0.82> | |
| | | | Y－ | 0.00 | 0.00 | 3.20 | 0.00 | -3.20 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 17.35 | 0.00 | 3.20 | 0.00 | 5.48 | 0.00 3.01 | 1.00 | 5.48 | HDP-15 | HDP-15 | 16.10 | 0.34 | OK |
| | | | X－ | -10.41 | 0.00 | 3.20 | 0.00 | -13.61 | 5.02 0.00 | 0.00 | (3.01) | | | (8.40) | (0.36) | |
| | | | Y＋ | 0.00 | 0.00 | 3.20 | 0.00 | -3.20 | 0.00 0.00 | - | | | | | <0.70> | |
| | | | Y－ | 0.00 | 0.00 | 3.20 | 0.00 | -3.20 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 8.92 3.01 | 0.22 | -5.31 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 5.02 5.35 | 0.00 | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | | | | | <0.64> | |
| | | | Y－ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 5.02 5.35 | 0.00 | -5.31 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 8.92 3.01 | 0.22 | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | | | | | <0.64> | |
| | | | Y－ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | | | | | | |
| | 又X6<br>Y3 | 0.5 | X＋ | -27.76 | 0.00 | 7.75 | 0.00 | -35.52 | 0.00 5.35 | 1.00 | 6.13 | | | | | |
| | | | ◎X－ | 27.76 | 0.00 | 7.75 | 0.00 | 6.13 | 8.92 0.00 | 0.22 | (1.98) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 7.75 | 0.00 | -7.75 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 7.75 | 0.00 | -7.75 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -27.76 | 0.00 | 7.75 | 0.00 | -35.52 | 8.92 0.00 | 0.22 | 6.13 | HDP-20 | HDP-20 | 22.20 | 0.28 | OK |
| | | | ◎X－ | 27.76 | 0.00 | 7.75 | 0.00 | 6.13 | 0.00 5.35 | 1.00 | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 7.75 | 0.00 | -7.75 | 0.00 0.00 | - | | | | | <0.91> | |
| | | | Y－ | 0.00 | 0.00 | 7.75 | 0.00 | -7.75 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | -7.20 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | -7.20 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 7.20 | 0.00 | -7.20 | 0.00 0.00 | - | | | | | | |
| | X9<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 11.63 | 0.00 | -11.63 | 0.00 0.00 | - | -2.95 | | | | | |
| | | | X－ | 0.00 | 0.00 | 11.63 | 0.00 | -11.63 | 0.00 0.00 | - | (4.01) | | | | | |
| | | | ◎Y＋ | -10.41 | 0.00 | 11.63 | 0.00 | -22.04 | 0.00 4.01 | 1.00 | | | | | | |
| | | | Y－ | 17.35 | 0.00 | 11.63 | 0.00 | -2.95 | 6.69 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.63 | 0.00 | -11.63 | 0.00 0.00 | - | -2.95 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 11.63 | 0.00 | -11.63 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -10.41 | 0.00 | 11.63 | 0.00 | -22.04 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 17.35 | 0.00 | 11.63 | 0.00 | -2.95 | 0.00 0.00 | - | | | | | | |
| | 又X17<br>又Y3 | 0.8 | X＋ | -15.06 | 0.00 | 3.40 | 0.00 | -18.46 | 0.00 0.00 | - | 3.82 | HDP-10 | HDP-10 | 10.30 | 0.37 | OK |
| | | | ◎X－ | 9.02 | 0.00 | 3.40 | 0.00 | 3.82 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.40 | 0.00 | -3.40 | 0.00 0.00 | - | | | | | <0.37> | |
| | | | Y－ | 0.00 | 0.00 | 3.40 | 0.00 | -3.40 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -15.06 | 0.00 | 3.40 | 0.00 | -18.46 | 4.05 0.00 | 0.00 | 3.82 | HDP-10 | HDP-10 | 10.30 | 0.37 | OK |
| | | | ◎X－ | 9.02 | 0.00 | 3.40 | 0.00 | 3.82 | 0.00 2.43 | 1.00 | (2.43) | | | (8.40) | (0.29) | |
| | | | Y＋ | 0.00 | 0.00 | 3.40 | 0.00 | -3.40 | 0.00 0.00 | - | | | | | <0.66> | |
| | | | Y－ | 0.00 | 0.00 | 3.40 | 0.00 | -3.40 | 0.00 0.00 | - | | | | | | |
| | X0<br>又Y3 | 0.5 | X＋ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | -3.81 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | -3.81 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.81 | 0.00 | -3.81 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 4.17 | 0.00 | -4.17 | 0.00 0.00 | - | 2.77 | HDP-10 | HDP-10 | 10.30 | 0.27 | OK |
| | | | X－ | 0.00 | 0.00 | 4.17 | 0.00 | -4.17 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -5.21 | 0.00 | 4.17 | 0.00 | -9.37 | 0.00 0.00 | - | | | | | <0.27> | |
| | | | ◎Y－ | 8.68 | 0.00 | 4.17 | 0.00 | 2.77 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 4.17 | 0.00 | -4.17 | 0.00 0.00 | - | 2.77 | HDP-10 | HDP-10 | 10.30 | 0.27 | OK |
| | | | X－ | 0.00 | 0.00 | 4.17 | 0.00 | -4.17 | 0.00 0.00 | - | (0.47) | | | (8.40) | (0.06) | |
| | | | Y＋ | -5.21 | 0.00 | 4.17 | 0.00 | -9.37 | 0.78 0.00 | 0.00 | | | | | <0.33> | |
| | | | ◎Y－ | 8.68 | 0.00 | 4.17 | 0.00 | 2.77 | 0.00 0.47 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X20<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 4.15 | 0.00 | -4.15 | 0.00 0.00 | - | 3.07<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.14<br>(-)<br><0.14> | OK |
| | | | X－ | 0.00 | 0.00 | 4.15 | 0.00 | -4.15 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 4.15 | 0.00 | -19.21 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 9.02 | 0.00 | 4.15 | 0.00 | 3.07 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 4.15 | 0.00 | -4.15 | 0.00 0.00 | - | 3.07<br>(3.48) | | | | | |
| | | | X－ | 0.00 | 0.00 | 4.15 | 0.00 | -4.15 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 4.15 | 0.00 | -19.21 | 5.79 0.00 | 0.10 | | | | | | |
| | | | ◎Y－ | 9.02 | 0.00 | 4.15 | 0.00 | 3.07 | 0.00 3.48 | 1.00 | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | -15.06 | 0.00 | 3.02 | 0.00 | -18.08 | 0.00 0.00 | - | 1.49<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.14<br>(-)<br><0.14> | OK |
| | | | ◎X－ | 9.02 | 0.00 | 3.02 | 0.00 | 1.49 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.02 | 0.00 | -3.02 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.02 | 0.00 | -3.02 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -15.06 | 0.00 | 3.02 | 0.00 | -18.08 | 4.42 0.00 | 0.00 | 1.49<br>(2.65) | | | | | |
| | | | ◎X－ | 9.02 | 0.00 | 3.02 | 0.00 | 1.49 | 0.00 2.65 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.02 | 0.00 | -3.02 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.02 | 0.00 | -3.02 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | -0.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | -0.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.96 | 0.00 | -0.96 | 0.00 0.00 | - | | | | | | |
| | 又X18<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | -3.30<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | -3.30<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.30 | 0.00 | -3.30 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 9.85 | 0.00 | -9.85 | 0.00 0.00 | - | -1.17<br>(3.53) | | | | | |
| | | | X－ | 0.00 | 0.00 | 9.85 | 0.00 | -9.85 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 17.35 | 0.00 | 9.85 | 0.00 | -1.17 | 5.88 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | -10.41 | 0.00 | 9.85 | 0.00 | -20.26 | 0.00 3.53 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 9.85 | 0.00 | -9.85 | 0.00 0.00 | - | -1.17<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 9.85 | 0.00 | -9.85 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 9.85 | 0.00 | -1.17 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -10.41 | 0.00 | 9.85 | 0.00 | -20.26 | 0.00 0.00 | - | | | | | | |
| | X2<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | -3.95<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | -3.95<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.95 | 0.00 | -3.95 | 0.00 0.00 | - | | | | | | |
| | X3<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | -3.93<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | -3.93<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.93 | 0.00 | -3.93 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y4 | 0.5 | X＋ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | -5.86 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | -5.86 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.86 | 0.00 | -5.86 | 0.00 0.00 | - | | | | | | |
| | Y4 | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | -1.68 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | -1.68 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.68 | 0.00 | -1.68 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 7.26 | 0.00 | -7.26 | 0.00 0.00 | - | -3.02 | | | | | |
| | | | X－ | 0.00 | 0.00 | 7.26 | 0.00 | -7.26 | 0.00 0.00 | - | (-) | | | | | |
| | | | ◎Y＋ | 8.47 | 0.00 | 7.26 | 0.00 | -3.02 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -14.12 | 0.00 | 7.26 | 0.00 | -21.37 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.26 | 0.00 | -7.26 | 0.00 0.00 | - | -3.02 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 7.26 | 0.00 | -7.26 | 0.00 0.00 | - | (5.35) | | | (8.40) | (0.64) | |
| | | | ◎Y＋ | 8.47 | 0.00 | 7.26 | 0.00 | -3.02 | 0.00 5.35 | 1.00 | | | | | <0.64> | |
| | | | Y－ | -14.12 | 0.00 | 7.26 | 0.00 | -21.37 | 8.92 0.00 | 0.22 | | | | | | |
| | 又X14<br>又Y4 | 0.5 | X＋ | -24.01 | 0.00 | 6.30 | 0.00 | -30.31 | 0.00 3.48 | 1.00 | 5.71 | HDP-10 | HDP-10 | 10.30 | 0.55 | OK |
| | | | ◎X－ | 24.01 | 0.00 | 6.30 | 0.00 | 5.71 | 5.79 0.00 | 0.10 | (0.59) | | | (8.40) | (0.07) | |
| | | | Y＋ | -5.21 | 0.00 | 6.30 | 0.00 | -11.50 | 0.00 0.00 | - | | | | | <0.62> | |
| | | | Y－ | 8.68 | 0.00 | 6.30 | 0.00 | -1.96 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -24.01 | 0.00 | 6.30 | 0.00 | -30.31 | 5.79 0.00 | 0.10 | 5.71 | HDP-10 | HDP-10 | 10.30 | 0.55 | OK |
| | | | ◎X－ | 24.01 | 0.00 | 6.30 | 0.00 | 5.71 | 0.00 3.48 | 1.00 | (3.48) | | | (8.40) | (0.41) | |
| | | | Y＋ | -5.21 | 0.00 | 6.30 | 0.00 | -11.50 | 0.85 0.00 | 0.00 | | | | | <0.97> | |
| | | | Y－ | 8.68 | 0.00 | 6.30 | 0.00 | -1.96 | 0.00 0.51 | 1.00 | | | | | | |
| | 又X12<br>又Y4 | 0.5 | X＋ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | -0.53 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | -0.53 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.53 | 0.00 | -0.53 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X21<br>又Y4 | 0.5 | X＋ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | -4.42<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | -4.42<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.42 | 0.00 | -4.42 | 0.00 0.00 | - | | | | | | |
| | X2<br>又Y4 | 0.5 | X＋ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | -1.81<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | -1.81<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.81 | 0.00 | -1.81 | 0.00 0.00 | - | | | | | | |
| | X3<br>又Y4 | 0.5 | X＋ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | -3.22<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | -3.22<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.22 | 0.00 | -3.22 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又Y4 | 0.5 | ◎X＋ | 8.68 | 0.00 | 4.31 | 0.00 | 0.03 | 0.00 0.00 | - | 0.03<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -8.68 | 0.00 | 4.31 | 0.00 | -12.99 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.31 | 0.00 | -4.31 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.31 | 0.00 | -4.31 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 8.68 | 0.00 | 4.31 | 0.00 | 0.03 | 0.00 0.00 | - | 0.03<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -8.68 | 0.00 | 4.31 | 0.00 | -12.99 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.31 | 0.00 | -4.31 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.31 | 0.00 | -4.31 | 0.00 0.00 | - | | | | | | |
| | 又X12<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 7.17 | 0.00 | -7.17 | 0.00 0.00 | - | -0.23<br>(0.67) | | | | | |
| | | | X－ | 0.00 | 0.00 | 7.17 | 0.00 | -7.17 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -13.88 | 0.00 | 7.17 | 0.00 | -21.05 | 0.00 0.67 | 1.00 | | | | | | |
| | | | Y－ | 13.88 | 0.00 | 7.17 | 0.00 | -0.23 | 1.11 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.17 | 0.00 | -7.17 | 0.00 0.00 | - | -0.23<br>(0.67) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.08)<br><0.08> | OK |
| | | | X－ | 0.00 | 0.00 | 7.17 | 0.00 | -7.17 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -13.88 | 0.00 | 7.17 | 0.00 | -21.05 | 1.11 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 13.88 | 0.00 | 7.17 | 0.00 | -0.23 | 0.00 0.67 | 1.00 | | | | | | |
| | 又X4<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | -0.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | -0.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | 1.34<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 7.34 | 0.00 | 1.34 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 7.34 | 0.00 | -24.69 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | 1.34<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.13<br>(-)<br><0.13> | OK |
| | | | X－ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 7.34 | 0.00 | 1.34 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 7.34 | 0.00 | -24.69 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X8<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.38 | 0.00 | -1.38 | 0.00 0.00 | - | 15.98<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.72<br>(-)<br><0.72> | OK |
| | | | X－ | 0.00 | 0.00 | 1.38 | 0.00 | -1.38 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 34.70 | 0.00 | 1.38 | 0.00 | 15.98 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -34.70 | 0.00 | 1.38 | 0.00 | -36.08 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.38 | 0.00 | -1.38 | 0.00 0.00 | - | 15.98<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.72<br>(-)<br><0.72> | OK |
| | | | X－ | 0.00 | 0.00 | 1.38 | 0.00 | -1.38 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 34.70 | 0.00 | 1.38 | 0.00 | 15.98 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -34.70 | 0.00 | 1.38 | 0.00 | -36.08 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 7.74 | 0.00 | -7.74 | 0.00 0.00 | - | 0.93<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 7.74 | 0.00 | -7.74 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 7.74 | 0.00 | 0.93 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 7.74 | 0.00 | -25.10 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.74 | 0.00 | -7.74 | 0.00 0.00 | - | 0.93<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.09<br>(-)<br><0.09> | OK |
| | | | X－ | 0.00 | 0.00 | 7.74 | 0.00 | -7.74 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 17.35 | 0.00 | 7.74 | 0.00 | 0.93 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -17.35 | 0.00 | 7.74 | 0.00 | -25.10 | 0.00 0.00 | - | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 7.10 | 0.00 | -7.10 | 0.00 0.00 | - | -7.10<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.10 | 0.00 | -7.10 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.88 | 0.00 | 7.10 | 0.00 | -15.98 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -3.70 | 0.00 | 7.10 | 0.00 | -10.80 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.10 | 0.00 | -7.10 | 0.00 0.00 | - | -7.10<br>(4.50) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.54)<br><0.54> | OK |
| | | | X－ | 0.00 | 0.00 | 7.10 | 0.00 | -7.10 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -8.88 | 0.00 | 7.10 | 0.00 | -15.98 | 5.88 4.50 | 0.00 | | | | | | |
| | | | Y－ | -3.70 | 0.00 | 7.10 | 0.00 | -10.80 | 7.50 3.53 | 0.07 | | | | | | |
| | 又X1<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | -1.69<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | -1.69<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | 又<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | -1.69<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | -1.69<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.69 | 0.00 | -1.69 | 0.00 0.00 | - | | | | | | |
| | X2<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 4.99 | 0.00 | -4.99 | 0.00 0.00 | - | 6.31<br>(0.56) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.39<br>(0.07)<br><0.46> | OK |
| | | | X－ | 0.00 | 0.00 | 4.99 | 0.00 | -4.99 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 22.59 | 0.00 | 4.99 | 0.00 | 6.31 | 7.50 0.00 | 0.07 | | | | | | |
| | | | Y－ | -22.59 | 0.00 | 4.99 | 0.00 | -27.57 | 0.00 4.50 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.99 | 0.00 | -4.99 | 0.00 0.00 | - | 6.31<br>(4.50) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.39<br>(0.54)<br><0.93> | OK |
| | | | X－ | 0.00 | 0.00 | 4.99 | 0.00 | -4.99 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 22.59 | 0.00 | 4.99 | 0.00 | 6.31 | 0.00 4.50 | 1.00 | | | | | | |
| | | | Y－ | -22.59 | 0.00 | 4.99 | 0.00 | -27.57 | 7.50 0.00 | 0.07 | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | -3.51<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | -3.51<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.51 | 0.00 | -3.51 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の<br>Vs*β | VL | Vα | Vτ | 柱頭<br>圧QN 引QN<br>柱脚<br>圧QN 引QN | 柱頭<br>圧縮<br>[Cμ]<br>柱脚<br>圧縮<br>[Cμ] | Vτ<br>(柱頭<br>QN)<br>Vτ<br>(柱脚<br>QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張<br>耐力<br>(せん断) | 検定値<br>(せん断)<br><計> | 柱頭<br>判定<br>柱脚<br>判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | | 0.5 | X＋ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | -5.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | -5.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.03 | 0.00 | -5.03 | 0.00 0.00 | - | | | | | | |
| | X5 | 0.5 | X＋ | 0.00 | 0.00 | 7.77 | 0.00 | -7.77 | 0.00 0.00 | - | -0.72 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 7.77 | 0.00 | -7.77 | 0.00 0.00 | - | (5.35) | | | (8.40) | (0.64) | |
| | | | ◎Y＋ | -8.47 | 0.00 | 7.77 | 0.00 | -16.24 | 0.00 5.35 | 1.00 | | | | | <0.64> | |
| | | | Y－ | 14.12 | 0.00 | 7.77 | 0.00 | -0.72 | 8.92 0.00 | 0.22 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.77 | 0.00 | -7.77 | 0.00 0.00 | - | -0.72 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 7.77 | 0.00 | -7.77 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -8.47 | 0.00 | 7.77 | 0.00 | -16.24 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 14.12 | 0.00 | 7.77 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.5 | X＋ | -15.06 | 0.00 | 3.98 | 0.00 | -19.04 | 0.00 0.00 | - | 3.55 | HDP-10 | HDP-10 | 10.30 | 0.34 | OK |
| | | | ◎X－ | 15.06 | 0.00 | 3.98 | 0.00 | 3.55 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 8.68 | 0.00 | 3.98 | 0.00 | 0.35 | 0.00 0.00 | - | | | | | <0.34> | |
| | | | Y－ | -8.68 | 0.00 | 3.98 | 0.00 | -12.66 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -15.06 | 0.00 | 3.98 | 0.00 | -19.04 | 0.00 0.00 | - | 3.55 | HDP-10 | HDP-10 | 10.30 | 0.34 | OK |
| | | | ◎X－ | 15.06 | 0.00 | 3.98 | 0.00 | 3.55 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 8.68 | 0.00 | 3.98 | 0.00 | 0.35 | 0.00 0.00 | - | | | | | <0.34> | |
| | | | Y－ | -8.68 | 0.00 | 3.98 | 0.00 | -12.66 | 0.00 0.00 | - | | | | | | |
| | 又X22<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | -2.75 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | -2.75 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.75 | 0.00 | -2.75 | 0.00 0.00 | - | | | | | | |
| | 又X17<br>又 | 0.5 | X＋ | 8.68 | 0.00 | 4.78 | 0.00 | -0.44 | 0.00 0.00 | - | 2.75 | | | | | |
| | | | X－ | -8.68 | 0.00 | 4.78 | 0.00 | -13.45 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 4.78 | 0.00 | -19.84 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.78 | 0.00 | 2.75 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 8.68 | 0.00 | 4.78 | 0.00 | -0.44 | 0.00 0.00 | - | 2.75 | HDP-10 | HDP-10 | 10.30 | 0.27 | OK |
| | | | X－ | -8.68 | 0.00 | 4.78 | 0.00 | -13.45 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.06 | 0.00 | 4.78 | 0.00 | -19.84 | 0.00 0.00 | - | | | | | <0.27> | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.78 | 0.00 | 2.75 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | -1.44 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | -1.44 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.44 | 0.00 | -1.44 | 0.00 0.00 | - | | | | | | |
| | 又X22<br>又 | 0.8 | ◎X＋ | 4.65 | 0.00 | 1.66 | 0.00 | 2.06 | 0.00 0.00 | - | 2.06 | HDP-10 | HDP-10 | 10.30 | 0.20 | OK |
| | | | X－ | -7.77 | 0.00 | 1.66 | 0.00 | -9.44 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.66 | 0.00 | -1.66 | 0.00 0.00 | - | | | | | <0.20> | |
| | | | Y－ | 0.00 | 0.00 | 1.66 | 0.00 | -1.66 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 4.65 | 0.00 | 1.66 | 0.00 | 2.06 | 0.00 0.33 | 1.00 | 2.06 | HDP-10 | HDP-10 | 10.30 | 0.20 | OK |
| | | | X－ | -7.77 | 0.00 | 1.66 | 0.00 | -9.44 | 0.56 0.00 | 0.00 | (0.33) | | | (8.40) | (0.04) | |
| | | | Y＋ | 0.00 | 0.00 | 1.66 | 0.00 | -1.66 | 0.00 0.00 | - | | | | | <0.24> | |
| | | | Y－ | 0.00 | 0.00 | 1.66 | 0.00 | -1.66 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X8<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.82 | 0.00 | -0.82 | 0.00 0.00 | - | 16.53<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.74<br>(-)<br><0.74> | OK |
| | | | X－ | 0.00 | 0.00 | 0.82 | 0.00 | -0.82 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -34.70 | 0.00 | 0.82 | 0.00 | -35.52 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 34.70 | 0.00 | 0.82 | 0.00 | 16.53 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.82 | 0.00 | -0.82 | 0.00 0.00 | - | 16.53<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.74<br>(-)<br><0.74> | OK |
| | | | X－ | 0.00 | 0.00 | 0.82 | 0.00 | -0.82 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -34.70 | 0.00 | 0.82 | 0.00 | -35.52 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 34.70 | 0.00 | 0.82 | 0.00 | 16.53 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又 | 0.5 | X＋ | -6.39 | 0.00 | 4.66 | 0.00 | -11.05 | 0.00 0.00 | - | -1.47<br>(-) | | | | | |
| | | | ◎X－ | 6.39 | 0.00 | 4.66 | 0.00 | -1.47 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.66 | 0.00 | -4.66 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.66 | 0.00 | -4.66 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -6.39 | 0.00 | 4.66 | 0.00 | -11.05 | 0.00 0.00 | - | -1.47<br>(-) | | | | | |
| | | | ◎X－ | 6.39 | 0.00 | 4.66 | 0.00 | -1.47 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.66 | 0.00 | -4.66 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.66 | 0.00 | -4.66 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 0.00 | 5.87 | 0.00 | -5.87 | 0.00 0.00 | - | 1.19<br>(0.56) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.12<br>(0.07)<br><0.18> | OK |
| | | | X－ | 0.00 | 0.00 | 5.87 | 0.00 | -5.87 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.47 | 0.00 | 5.87 | 0.00 | -14.34 | 0.00 4.50 | 1.00 | | | | | | |
| | | | ◎Y－ | 14.11 | 0.00 | 5.87 | 0.00 | 1.19 | 7.50 0.00 | 0.07 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.87 | 0.00 | -5.87 | 0.00 0.00 | - | 1.19<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.12<br>(-)<br><0.12> | OK |
| | | | X－ | 0.00 | 0.00 | 5.87 | 0.00 | -5.87 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.47 | 0.00 | 5.87 | 0.00 | -14.34 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 14.11 | 0.00 | 5.87 | 0.00 | 1.19 | 0.00 0.00 | - | | | | | | |
| | X2 | 0.5 | X＋ | 0.00 | 0.00 | 5.74 | 0.00 | -5.74 | 0.00 0.00 | - | 5.56<br>(0.56) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.35<br>(0.07)<br><0.41> | OK |
| | | | X－ | 0.00 | 0.00 | 5.74 | 0.00 | -5.74 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -22.59 | 0.00 | 5.74 | 0.00 | -28.32 | 0.00 4.50 | 1.00 | | | | | | |
| | | | ◎Y－ | 22.59 | 0.00 | 5.74 | 0.00 | 5.56 | 7.50 0.00 | 0.07 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.74 | 0.00 | -5.74 | 0.00 0.00 | - | 5.56<br>(4.50) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.35<br>(0.54)<br><0.88> | OK |
| | | | X－ | 0.00 | 0.00 | 5.74 | 0.00 | -5.74 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -22.59 | 0.00 | 5.74 | 0.00 | -28.32 | 7.50 0.00 | 0.07 | | | | | | |
| | | | ◎Y－ | 22.59 | 0.00 | 5.74 | 0.00 | 5.56 | 0.00 4.50 | 1.00 | | | | | | |
| | X3 | 0.5 | X＋ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | -5.67<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | -5.67<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.67 | 0.00 | -5.67 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | -2.45<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | -2.45<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.45 | 0.00 | -2.45 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | 3.37<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.33<br>(-)<br><0.33> | OK |
| | | | X－ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 5.31 | 0.00 | -22.66 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 17.35 | 0.00 | 5.31 | 0.00 | 3.37 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | 3.37<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.33<br>(-)<br><0.33> | OK |
| | | | X－ | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -17.35 | 0.00 | 5.31 | 0.00 | -22.66 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 17.35 | 0.00 | 5.31 | 0.00 | 3.37 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X8<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | -1.15<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | -1.15<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.15 | 0.00 | -1.15 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 15.06 | 0.00 | 5.73 | 0.00 | 1.80 | 0.00 0.00 | - | 7.28<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.71<br>(-)<br><0.71> | OK |
| | | | X－ | -15.06 | 0.00 | 5.73 | 0.00 | -20.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -26.03 | 0.00 | 5.73 | 0.00 | -31.76 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 26.03 | 0.00 | 5.73 | 0.00 | 7.28 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 15.06 | 0.00 | 5.73 | 0.00 | 1.80 | 0.00 0.00 | - | 7.28<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.71<br>(-)<br><0.71> | OK |
| | | | X－ | -15.06 | 0.00 | 5.73 | 0.00 | -20.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -26.03 | 0.00 | 5.73 | 0.00 | -31.76 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 26.03 | 0.00 | 5.73 | 0.00 | 7.28 | 0.00 0.00 | - | | | | | | |
| | 又<br>又 | 0.5 | X＋ | -9.02 | 0.00 | 1.75 | 0.00 | -10.77 | 0.00 0.00 | - | 5.78<br>(-) | | | | | |
| | | | ◎X－ | 15.06 | 0.00 | 1.75 | 0.00 | 5.78 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.12 | 0.00 | 1.75 | 0.00 | -9.87 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 13.53 | 0.00 | 1.75 | 0.00 | 5.02 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -9.02 | 0.00 | 1.75 | 0.00 | -10.77 | 5.79 0.00 | 0.10 | 9.08<br>(1.74) | | | | | |
| | | | X－ | 15.06 | 0.00 | 1.75 | 0.00 | 5.78 | 0.00 3.48 | 1.00 | | | | | | |
| | | | Y＋ | -8.12 | 0.00 | 1.75 | 0.00 | -9.87 | 2.90 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 13.53 | 0.00 | 1.75 | 0.00 | 9.08 | 0.00 1.74 | 1.00 | | | | | | |
| | 又X20<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | -2.05<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | -2.05<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.05 | 0.00 | -2.05 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.5 | X＋ | -15.06 | 0.00 | 3.18 | 0.00 | -18.24 | 0.00 0.00 | - | 4.35<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.42<br>(-)<br><0.42> | OK |
| | | | ◎X－ | 15.06 | 0.00 | 3.18 | 0.00 | 4.35 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.68 | 0.00 | 3.18 | 0.00 | -11.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 8.68 | 0.00 | 3.18 | 0.00 | 1.16 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -15.06 | 0.00 | 3.18 | 0.00 | -18.24 | 0.00 0.00 | - | 4.35<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.42<br>(-)<br><0.42> | OK |
| | | | ◎X－ | 15.06 | 0.00 | 3.18 | 0.00 | 4.35 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -8.68 | 0.00 | 3.18 | 0.00 | -11.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 8.68 | 0.00 | 3.18 | 0.00 | 1.16 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y5 | 0.5 | ◎X＋ | 20.33 | 0.00 | 5.33 | 0.00 | 4.84 | 4.46 0.00 | 0.00 | 4.84<br>(-) | | | | | |
| | | | X－ | -20.33 | 0.00 | 5.33 | 0.00 | -25.65 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.33 | 0.00 | -5.33 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.33 | 0.00 | -5.33 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 20.33 | 0.00 | 5.33 | 0.00 | 4.84 | 0.00 2.68 | 1.00 | 4.84<br>(2.68) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.47<br>(0.32)<br><0.79> | OK |
| | | | X－ | -20.33 | 0.00 | 5.33 | 0.00 | -25.65 | 4.46 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.33 | 0.00 | -5.33 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.33 | 0.00 | -5.33 | 0.00 0.00 | - | | | | | | |
| | 又X1<br>Y5 | 0.5 | ◎X＋ | 7.91 | 0.00 | 2.80 | 0.00 | 1.15 | 0.00 2.68 | 1.00 | 1.15<br>(2.68) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.11<br>(0.32)<br><0.43> | OK |
| | | | X－ | -7.91 | 0.00 | 2.80 | 0.00 | -10.71 | 4.46 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.80 | 0.00 | -2.80 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.80 | 0.00 | -2.80 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 7.91 | 0.00 | 2.80 | 0.00 | 1.15 | 4.46 0.00 | 0.00 | 1.15<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.11<br>(-)<br><0.11> | OK |
| | | | X－ | -7.91 | 0.00 | 2.80 | 0.00 | -10.71 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.80 | 0.00 | -2.80 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.80 | 0.00 | -2.80 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又<br>Y5 | 0.5 | X＋ | -7.91 | 0.00 | 3.58 | 0.00 | -11.48 | 4.46 0.00 | 0.00 | 0.38 | HDP-10 | HDP-10 | 10.30 | 0.04 | OK |
| | | | ◎X－ | 7.91 | 0.00 | 3.58 | 0.00 | 0.38 | 0.00 2.68 | 1.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 3.58 | 0.00 | -3.58 | 0.00 0.00 | - | | | | | <0.36> | |
| | | | Y－ | 0.00 | 0.00 | 3.58 | 0.00 | -3.58 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -7.91 | 0.00 | 3.58 | 0.00 | -11.48 | 0.00 2.68 | 1.00 | 0.38 | HDP-10 | HDP-10 | 10.30 | 0.04 | OK |
| | | | ◎X－ | 7.91 | 0.00 | 3.58 | 0.00 | 0.38 | 4.46 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.58 | 0.00 | -3.58 | 0.00 0.00 | - | | | | | <0.04> | |
| | | | Y－ | 0.00 | 0.00 | 3.58 | 0.00 | -3.58 | 0.00 0.00 | - | | | | | | |
| | X2<br>Y5 | 0.5 | X＋ | -20.33 | 0.00 | 1.93 | 0.00 | -22.26 | 0.00 2.68 | 1.00 | 8.23 | HDP-20 | HDP-20 | 22.20 | 0.37 | OK |
| | | | ◎X－ | 20.33 | 0.00 | 1.93 | 0.00 | 8.23 | 4.46 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | | | | | <0.37> | |
| | | | Y－ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -20.33 | 0.00 | 1.93 | 0.00 | -22.26 | 4.46 0.00 | 0.00 | 8.23 | HDP-20 | HDP-20 | 22.20 | 0.37 | OK |
| | | | ◎X－ | 20.33 | 0.00 | 1.93 | 0.00 | 8.23 | 0.00 2.68 | 1.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | | | | | <0.69> | |
| | | | Y－ | 0.00 | 0.00 | 1.93 | 0.00 | -1.93 | 0.00 0.00 | - | | | | | | |
| | Y5 | 0.5 | X＋ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | -5.10 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | -5.10 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.10 | 0.00 | -5.10 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>Y5 | 0.5 | X＋ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | -1.23 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | -1.23 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.23 | 0.00 | -1.23 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y5 | 0.5 | X＋ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | -6.41 | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | -6.41 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 6.41 | 0.00 | -6.41 | 0.00 0.00 | - | | | | | | |
| | 又X18<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 4.51 | 0.00 | -4.51 | 0.00 0.00 | - | 3.03 | HDP-10 | HDP-10 | 10.30 | 0.29 | OK |
| | | | X－ | 0.00 | 0.00 | 4.51 | 0.00 | -4.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.06 | 0.00 | 4.51 | 0.00 | -19.57 | 0.00 0.00 | - | | | | | <0.29> | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.51 | 0.00 | 3.03 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.51 | 0.00 | -4.51 | 0.00 0.00 | - | 3.03 | HDP-10 | HDP-10 | 10.30 | 0.29 | OK |
| | | | X－ | 0.00 | 0.00 | 4.51 | 0.00 | -4.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.06 | 0.00 | 4.51 | 0.00 | -19.57 | 0.00 0.00 | - | | | | | <0.29> | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.51 | 0.00 | 3.03 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又Y5 | 0.5 | X＋ | 8.68 | 0.00 | 4.21 | 0.00 | 0.12 | 0.00 0.00 | - | 3.32 | | | | | |
| | | | X－ | -8.68 | 0.00 | 4.21 | 0.00 | -12.89 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 4.21 | 0.00 | -19.27 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.21 | 0.00 | 3.32 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 8.68 | 0.00 | 4.21 | 0.00 | 0.12 | 0.00 0.00 | - | 3.32 | HDP-10 | HDP-10 | 10.30 | 0.32 | OK |
| | | | X－ | -8.68 | 0.00 | 4.21 | 0.00 | -12.89 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.06 | 0.00 | 4.21 | 0.00 | -19.27 | 0.00 0.00 | - | | | | | <0.32> | |
| | | | ◎Y－ | 15.06 | 0.00 | 4.21 | 0.00 | 3.32 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X21<br>又Y5 | 0.5 | X＋ | -9.02 | 0.00 | 3.90 | 0.00 | -12.92 | 0.00 0.00 | - | 3.63 | HDP-10 | HDP-10 | 10.30 | 0.35 | OK |
| | | | ◎X－ | 15.06 | 0.00 | 3.90 | 0.00 | 3.63 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -8.68 | 0.00 | 3.90 | 0.00 | -12.57 | 0.00 0.00 | - | | | | | <0.35> | |
| | | | Y－ | 5.21 | 0.00 | 3.90 | 0.00 | -1.29 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -9.02 | 0.00 | 3.90 | 0.00 | -12.92 | 5.79 0.00 | 0.10 | 3.63 | HDP-10 | HDP-10 | 10.30 | 0.35 | OK |
| | | | ◎X－ | 15.06 | 0.00 | 3.90 | 0.00 | 3.63 | 0.00 3.48 | 1.00 | (3.48) | | | (8.40) | (0.41) | |
| | | | Y＋ | -8.68 | 0.00 | 3.90 | 0.00 | -12.57 | 1.11 0.00 | 0.00 | | | | | <0.77> | |
| | | | Y－ | 5.21 | 0.00 | 3.90 | 0.00 | -1.29 | 0.00 0.67 | 1.00 | | | | | | |
| | 又X19<br>又Y5 | 0.5 | ◎X＋ | 8.68 | 0.00 | 1.41 | 0.00 | 2.93 | 0.00 0.00 | - | 2.93 | HDP-10 | HDP-10 | 10.30 | 0.28 | OK |
| | | | X－ | -8.68 | 0.00 | 1.41 | 0.00 | -10.09 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.41 | 0.00 | -1.41 | 0.00 0.00 | - | | | | | <0.28> | |
| | | | Y－ | 0.00 | 0.00 | 1.41 | 0.00 | -1.41 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 8.68 | 0.00 | 1.41 | 0.00 | 2.93 | 0.00 0.00 | - | 2.93 | HDP-10 | HDP-10 | 10.30 | 0.28 | OK |
| | | | X－ | -8.68 | 0.00 | 1.41 | 0.00 | -10.09 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.41 | 0.00 | -1.41 | 0.00 0.00 | - | | | | | <0.28> | |
| | | | Y－ | 0.00 | 0.00 | 1.41 | 0.00 | -1.41 | 0.00 0.00 | - | | | | | | |
| | X10<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 2.65 | 0.00 | -2.65 | 0.00 0.00 | - | 0.54 | HDP-10 | HDP-10 | 10.30 | 0.05 | OK |
| | | | X－ | 0.00 | 0.00 | 2.65 | 0.00 | -2.65 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 6.39 | 0.00 | 2.65 | 0.00 | 0.54 | 0.00 0.00 | - | | | | | <0.05> | |
| | | | Y－ | -6.39 | 0.00 | 2.65 | 0.00 | -9.04 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.65 | 0.00 | -2.65 | 0.00 0.00 | - | 0.54 | HDP-10 | HDP-10 | 10.30 | 0.05 | OK |
| | | | X－ | 0.00 | 0.00 | 2.65 | 0.00 | -2.65 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 6.39 | 0.00 | 2.65 | 0.00 | 0.54 | 0.00 0.00 | - | | | | | <0.05> | |
| | | | Y－ | -6.39 | 0.00 | 2.65 | 0.00 | -9.04 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | -11.30 | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | -11.30 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 11.30 | 0.00 | -11.30 | 0.00 0.00 | - | | | | | | |
| | 又<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | -1.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | -1.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | X9<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | -7.62 | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | -7.62 | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 7.62 | 0.00 | -7.62 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | -5.51 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | -5.51 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.51 | 0.00 | -5.51 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の Vs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | | 0.5 | X＋ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | -3.09 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | -3.09 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.09 | 0.00 | -3.09 | 0.00 0.00 | - | | | | | | |
| | X5 | 0.5 | X＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | -8.84 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | -8.84 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 8.84 | 0.00 | -8.84 | 0.00 0.00 | - | | | | | | |
| | X3<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | -6.30 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | -6.30 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 6.30 | 0.00 | -6.30 | 0.00 0.00 | - | | | | | | |
| | 又 | 0.5 | X＋ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | -0.83 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | -0.83 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.83 | 0.00 | -0.83 | 0.00 0.00 | - | | | | | | |
| | 又X19<br>又 | 0.5 | X＋ | -15.06 | 0.00 | 3.03 | 0.00 | -18.09 | 0.00 0.00 | - | 7.10 | | | | | |
| | | | X－ | 9.02 | 0.00 | 3.03 | 0.00 | 1.48 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -23.74 | 0.00 | 3.03 | 0.00 | -26.77 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 20.27 | 0.00 | 3.03 | 0.00 | 7.10 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -15.06 | 0.00 | 3.03 | 0.00 | -18.09 | 3.99 0.00 | 0.00 | 7.10 | HDP-10 | HDP-10 | 10.30 | 0.69 | OK |
| | | | X－ | 9.02 | 0.00 | 3.03 | 0.00 | 1.48 | 0.00 2.40 | 1.00 | (0.67) | | | (8.40) | (0.08) | |
| | | | Y＋ | -23.74 | 0.00 | 3.03 | 0.00 | -26.77 | 1.11 0.00 | 0.00 | | | | | <0.77> | |
| | | | ◎Y－ | 20.27 | 0.00 | 3.03 | 0.00 | 7.10 | 0.00 0.67 | 1.00 | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | 8.68 | 0.00 | 3.96 | 0.00 | 0.37 | 0.00 0.00 | - | 3.57 | HDP-10 | HDP-10 | 10.30 | 0.35 | OK |
| | | | X－ | -8.68 | 0.00 | 3.96 | 0.00 | -12.64 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.06 | 0.00 | 3.96 | 0.00 | -19.02 | 0.00 0.00 | - | | | | | <0.35> | |
| | | | ◎Y－ | 15.06 | 0.00 | 3.96 | 0.00 | 3.57 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 8.68 | 0.00 | 3.96 | 0.00 | 0.37 | 0.00 0.00 | - | 3.57 | HDP-10 | HDP-10 | 10.30 | 0.35 | OK |
| | | | X－ | -8.68 | 0.00 | 3.96 | 0.00 | -12.64 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.06 | 0.00 | 3.96 | 0.00 | -19.02 | 0.00 0.00 | - | | | | | <0.35> | |
| | | | ◎Y－ | 15.06 | 0.00 | 3.96 | 0.00 | 3.57 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 0.00 | 5.47 | 0.00 | -5.47 | 0.00 0.00 | - | 8.65 | HDP-10 | HDP-10 | 10.30 | 0.84 | OK |
| | | | X－ | 0.00 | 0.00 | 5.47 | 0.00 | -5.47 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 28.22 | 0.00 | 5.47 | 0.00 | 8.65 | 0.00 0.00 | - | | | | | <0.84> | |
| | | | Y－ | -28.22 | 0.00 | 5.47 | 0.00 | -33.69 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.47 | 0.00 | -5.47 | 0.00 0.00 | - | 8.65 | HDP-10 | HDP-10 | 10.30 | 0.84 | OK |
| | | | X－ | 0.00 | 0.00 | 5.47 | 0.00 | -5.47 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 28.22 | 0.00 | 5.47 | 0.00 | 8.65 | 0.00 0.00 | - | | | | | <0.84> | |
| | | | Y－ | -28.22 | 0.00 | 5.47 | 0.00 | -33.69 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X18<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.42 | 0.00 | -2.42 | 0.00 0.00 | - | 1.92<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.12<br>(-)<br><0.12> | OK |
| | | | X－ | 0.00 | 0.00 | 2.42 | 0.00 | -2.42 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -5.21 | 0.00 | 2.42 | 0.00 | -7.63 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 8.68 | 0.00 | 2.42 | 0.00 | 1.92 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.42 | 0.00 | -2.42 | 0.00 0.00 | - | 1.92<br>(0.46) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.12<br>(0.05)<br><0.17> | OK |
| | | | X－ | 0.00 | 0.00 | 2.42 | 0.00 | -2.42 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -5.21 | 0.00 | 2.42 | 0.00 | -7.63 | 0.77 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 8.68 | 0.00 | 2.42 | 0.00 | 1.92 | 0.00 0.46 | 1.00 | | | | | | |
| | 又X10<br>又 | 0.5 | X＋ | -8.68 | 0.00 | 3.94 | 0.00 | -12.61 | 0.00 0.00 | - | 0.40<br>(-) | | | | | |
| | | | ◎X－ | 8.68 | 0.00 | 3.94 | 0.00 | 0.40 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.94 | 0.00 | -3.94 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.94 | 0.00 | -3.94 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -8.68 | 0.00 | 3.94 | 0.00 | -12.61 | 0.00 0.00 | - | 0.40<br>(-) | | | | | |
| | | | ◎X－ | 8.68 | 0.00 | 3.94 | 0.00 | 0.40 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.94 | 0.00 | -3.94 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.94 | 0.00 | -3.94 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | -0.72<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | -0.72<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.72 | 0.00 | -0.72 | 0.00 0.00 | - | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | 8.68 | 0.00 | 1.88 | 0.00 | 2.46 | 0.00 0.00 | - | 5.65<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.55<br>(-)<br><0.55> | OK |
| | | | X－ | -8.68 | 0.00 | 1.88 | 0.00 | -10.55 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 1.88 | 0.00 | -16.94 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.06 | 0.00 | 1.88 | 0.00 | 5.65 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 8.68 | 0.00 | 1.88 | 0.00 | 2.46 | 0.00 0.00 | - | 5.65<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.55<br>(-)<br><0.55> | OK |
| | | | X－ | -8.68 | 0.00 | 1.88 | 0.00 | -10.55 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.06 | 0.00 | 1.88 | 0.00 | -16.94 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.06 | 0.00 | 1.88 | 0.00 | 5.65 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | -2.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | -2.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.96 | 0.00 | -2.96 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y6 | 0.5 | X＋ | 0.00 | 0.00 | 9.63 | 0.00 | -9.63 | 0.00 0.00 | - | -6.81<br>(5.35) | | | | | |
| | | | X－ | 0.00 | 0.00 | 9.63 | 0.00 | -9.63 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -5.64 | 0.00 | 9.63 | 0.00 | -15.28 | 8.92 0.00 | 0.22 | | | | | | |
| | | | ◎Y－ | 5.64 | 0.00 | 9.63 | 0.00 | -6.81 | 0.00 5.35 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 9.63 | 0.00 | -9.63 | 0.00 0.00 | - | -6.81<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.64)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 9.63 | 0.00 | -9.63 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -5.64 | 0.00 | 9.63 | 0.00 | -15.28 | 0.00 5.35 | 1.00 | | | | | | |
| | | | Y－ | 5.64 | 0.00 | 9.63 | 0.00 | -6.81 | 8.92 0.00 | 0.22 | | | | | | |
| | X3<br>Y6 | 0.5 | ◎X＋ | 28.22 | 0.00 | 7.81 | 0.00 | 6.30 | 0.00 0.00 | - | 6.30<br>(-) | | | | | |
| | | | X－ | -28.22 | 0.00 | 7.81 | 0.00 | -36.04 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 22.59 | 0.00 | 7.81 | 0.00 | 3.48 | 8.92 0.00 | 0.22 | | | | | | |
| | | | Y－ | -22.59 | 0.00 | 7.81 | 0.00 | -30.40 | 0.00 5.35 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 28.22 | 0.00 | 7.81 | 0.00 | 6.30 | 0.00 0.00 | - | 3.48<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.34<br>(0.64)<br><0.97> | OK |
| | | | X－ | -28.22 | 0.00 | 7.81 | 0.00 | -36.04 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 22.59 | 0.00 | 7.81 | 0.00 | 3.48 | 0.00 5.35 | 1.00 | | | | | | |
| | | | Y－ | -22.59 | 0.00 | 7.81 | 0.00 | -30.40 | 8.92 0.00 | 0.22 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y6 | 0.5 | X＋ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | -7.86 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | -7.86 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 7.86 | 0.00 | -7.86 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y6 | 0.5 | X＋ | -28.22 | 0.00 | 11.47 | 0.00 | -39.69 | 0.00 0.00 | - | 2.64 | HDP-10 | HDP-10 | 10.30 | 0.26 | OK |
| | | | ◎X－ | 28.22 | 0.00 | 11.47 | 0.00 | 2.64 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 22.58 | 0.00 | 11.47 | 0.00 | -0.18 | 8.92 0.00 | 0.22 | | | | | <0.26> | |
| | | | Y－ | -22.58 | 0.00 | 11.47 | 0.00 | -34.05 | 0.00 5.35 | 1.00 | | | | | | |
| | | 0.5 | X＋ | -28.22 | 0.00 | 11.47 | 0.00 | -39.69 | 0.00 0.00 | - | 2.64 | HDP-10 | HDP-10 | 10.30 | 0.26 | OK |
| | | | ◎X－ | 28.22 | 0.00 | 11.47 | 0.00 | 2.64 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 22.58 | 0.00 | 11.47 | 0.00 | -0.18 | 0.00 5.35 | 1.00 | | | | | <0.26> | |
| | | | Y－ | -22.58 | 0.00 | 11.47 | 0.00 | -34.05 | 8.92 0.00 | 0.22 | | | | | | |
| | 又X16<br>又Y6 | 0.5 | X＋ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | -2.39 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | -2.39 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.39 | 0.00 | -2.39 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又Y6 | 0.5 | X＋ | 0.00 | 0.00 | 2.59 | 0.00 | -2.59 | 0.00 0.00 | - | 0.60 | | | | | |
| | | | X－ | 0.00 | 0.00 | 2.59 | 0.00 | -2.59 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -6.39 | 0.00 | 2.59 | 0.00 | -8.98 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 6.39 | 0.00 | 2.59 | 0.00 | 0.60 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.59 | 0.00 | -2.59 | 0.00 0.00 | - | 0.60 | | | | | |
| | | | X－ | 0.00 | 0.00 | 2.59 | 0.00 | -2.59 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -6.39 | 0.00 | 2.59 | 0.00 | -8.98 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 6.39 | 0.00 | 2.59 | 0.00 | 0.60 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又Y6 | 0.5 | X＋ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | -1.70 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | -1.70 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | -2.07 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | -2.07 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.07 | 0.00 | -2.07 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又 | 0.8 | ◎X＋ | 15.06 | 0.00 | 3.25 | 0.00 | 8.80 | 0.00 0.00 | - | 8.80 | HDP-10 | HDP-10 | 10.30 | 0.85 | OK |
| | | | X－ | -15.06 | 0.00 | 3.25 | 0.00 | -18.31 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.25 | 0.00 | -3.25 | 0.00 0.00 | - | | | | | <0.85> | |
| | | | Y－ | 0.00 | 0.00 | 3.25 | 0.00 | -3.25 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 15.06 | 0.00 | 3.25 | 0.00 | 8.80 | 0.00 0.00 | - | 8.80 | HDP-10 | HDP-10 | 10.30 | 0.85 | OK |
| | | | X－ | -15.06 | 0.00 | 3.25 | 0.00 | -18.31 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.25 | 0.00 | -3.25 | 0.00 0.00 | - | | | | | <0.85> | |
| | | | Y－ | 0.00 | 0.00 | 3.25 | 0.00 | -3.25 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | XO<br>Y7 | 0.5 | X＋ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 0.00 0.00 | - | -10.10<br>(5.99) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.71)<br><0.71> | OK |
| | | | X－ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 6.69 5.35 | 0.00 | | | | | | |
| | | | ◎Y－ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 8.92 4.01 | 0.22 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 0.00 0.00 | - | -10.10<br>(5.99) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.71)<br><0.71> | OK |
| | | | X－ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 8.92 4.01 | 0.22 | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 10.10 | 0.00 | -10.10 | 6.69 5.35 | 0.00 | | | | | | |
| | X3<br>Y7 | 0.5 | X＋ | 0.00 | 0.00 | 13.62 | 0.00 | -13.62 | 0.00 0.00 | - | -2.32<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.64)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 13.62 | 0.00 | -13.62 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -22.59 | 0.00 | 13.62 | 0.00 | -36.20 | 0.00 5.35 | 1.00 | | | | | | |
| | | | Y－ | 22.59 | 0.00 | 13.62 | 0.00 | -2.32 | 8.92 0.00 | 0.22 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.62 | 0.00 | -13.62 | 0.00 0.00 | - | -2.32<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.64)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 13.62 | 0.00 | -13.62 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -22.59 | 0.00 | 13.62 | 0.00 | -36.20 | 8.92 0.00 | 0.22 | | | | | | |
| | | | ◎Y－ | 22.59 | 0.00 | 13.62 | 0.00 | -2.32 | 0.00 5.35 | 1.00 | | | | | | |
| | X5<br>Y7 | 0.5 | X＋ | 0.00 | 0.00 | 13.13 | 0.00 | -13.13 | 0.00 0.00 | - | -5.65<br>(5.35) | | | | | |
| | | | X－ | 0.00 | 0.00 | 13.13 | 0.00 | -13.13 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -9.88 | 0.00 | 13.13 | 0.00 | -23.01 | 4.46 5.35 | 0.00 | | | | | | |
| | | | Y－ | 14.96 | 0.00 | 13.13 | 0.00 | -5.65 | 8.92 2.68 | 0.22 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.13 | 0.00 | -13.13 | 0.00 0.00 | - | -5.65<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.64)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 13.13 | 0.00 | -13.13 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -9.88 | 0.00 | 13.13 | 0.00 | -23.01 | 8.92 0.00 | 0.22 | | | | | | |
| | | | ◎Y－ | 14.96 | 0.00 | 13.13 | 0.00 | -5.65 | 0.00 5.35 | 1.00 | | | | | | |
| | 又X12<br>又Y7 | 0.5 | X＋ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | -2.92<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | -2.92<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.92 | 0.00 | -2.92 | 0.00 0.00 | - | | | | | | |
| | X5 | 0.5 | X＋ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | 3.27<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.32<br>(-)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -12.70 | 0.00 | 0.54 | 0.00 | -13.24 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 7.62 | 0.00 | 0.54 | 0.00 | 3.27 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | 3.27<br>(2.68) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.32<br>(0.32)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 0.54 | 0.00 | -0.54 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -12.70 | 0.00 | 0.54 | 0.00 | -13.24 | 4.46 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 7.62 | 0.00 | 0.54 | 0.00 | 3.27 | 0.00 2.68 | 1.00 | | | | | | |
| | 又X11<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 1.55 | 0.00 | -1.55 | 0.00 0.00 | - | 5.39<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.52<br>(-)<br><0.52> | OK |
| | | | X－ | 0.00 | 0.00 | 1.55 | 0.00 | -1.55 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 8.68 | 0.00 | 1.55 | 0.00 | 5.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -8.68 | 0.00 | 1.55 | 0.00 | -10.23 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 1.55 | 0.00 | -1.55 | 0.00 0.00 | - | 5.39<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.52<br>(-)<br><0.52> | OK |
| | | | X－ | 0.00 | 0.00 | 1.55 | 0.00 | -1.55 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 8.68 | 0.00 | 1.55 | 0.00 | 5.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -8.68 | 0.00 | 1.55 | 0.00 | -10.23 | 0.00 0.00 | - | | | | | | |
| | X3<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | -1.03<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | -1.03<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.03 | 0.00 | -1.03 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X5<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | -0.62 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | -0.62 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.62 | 0.00 | -0.62 | 0.00 0.00 | - | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.56 | 0.00 | -1.56 | 0.00 0.00 | - | 9.73 | HDP-20 | HDP-20 | 22.20 | 0.44 | OK |
| | | | X－ | 0.00 | 0.00 | 1.56 | 0.00 | -1.56 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -22.58 | 0.00 | 1.56 | 0.00 | -24.14 | 0.00 4.01 | 1.00 | | | | | <0.44> | |
| | | | ◎Y－ | 22.58 | 0.00 | 1.56 | 0.00 | 9.73 | 6.69 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.56 | 0.00 | -1.56 | 0.00 0.00 | - | 9.73 | HDP-20 | HDP-20 | 22.20 | 0.44 | OK |
| | | | X－ | 0.00 | 0.00 | 1.56 | 0.00 | -1.56 | 0.00 0.00 | - | (4.01) | | | (8.40) | (0.48) | |
| | | | Y＋ | -22.58 | 0.00 | 1.56 | 0.00 | -24.14 | 6.69 0.00 | 0.00 | | | | | <0.92> | |
| | | | ◎Y－ | 22.58 | 0.00 | 1.56 | 0.00 | 9.73 | 0.00 4.01 | 1.00 | | | | | | |
| | X5<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | 0.00 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.8 | ◎X＋ | 1.53 | 0.00 | 1.74 | 0.00 | -0.52 | 0.00 0.00 | - | -0.52 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | -6.94 | 0.00 | 1.74 | 0.00 | -8.68 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 1.53 | 0.00 | 1.74 | 0.00 | -0.52 | 2.90 0.00 | 0.00 | -0.52 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | -6.94 | 0.00 | 1.74 | 0.00 | -8.68 | 0.00 1.74 | 1.00 | (1.74) | | | (8.40) | (0.21) | |
| | | | Y＋ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | <0.21> | |
| | | | Y－ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.32 | 0.00 | -1.32 | 0.00 0.00 | - | 2.56 | HDP-10 | HDP-10 | 10.30 | 0.25 | OK |
| | | | X－ | 0.00 | 0.00 | 1.32 | 0.00 | -1.32 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -4.65 | 0.00 | 1.32 | 0.00 | -5.97 | 0.00 0.00 | - | | | | | <0.25> | |
| | | | ◎Y－ | 7.77 | 0.00 | 1.32 | 0.00 | 2.56 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.32 | 0.00 | -1.32 | 0.00 0.00 | - | 2.56 | HDP-10 | HDP-10 | 10.30 | 0.25 | OK |
| | | | X－ | 0.00 | 0.00 | 1.32 | 0.00 | -1.32 | 0.00 0.00 | - | (0.33) | | | (8.40) | (0.04) | |
| | | | Y＋ | -4.65 | 0.00 | 1.32 | 0.00 | -5.97 | 0.56 0.00 | 0.00 | | | | | <0.29> | |
| | | | ◎Y－ | 7.77 | 0.00 | 1.32 | 0.00 | 2.56 | 0.00 0.33 | 1.00 | | | | | | |
| | X0<br>Y8 | 0.5 | ◎X＋ | 14.12 | 0.00 | 1.88 | 0.00 | 5.18 | 5.02 0.00 | 0.00 | 5.18 | | | | | |
| | | | X－ | -8.47 | 0.00 | 1.88 | 0.00 | -10.35 | 0.00 3.01 | 1.00 | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.88 | 0.00 | -1.88 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.88 | 0.00 | -1.88 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 14.12 | 0.00 | 1.88 | 0.00 | 9.41 | 0.00 0.00 | - | 9.41 | HDP-10 | HDP-10 | 10.30 | 0.91 | OK |
| | | | X－ | -8.47 | 0.00 | 1.88 | 0.00 | -10.35 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.88 | 0.00 | -1.88 | 0.00 0.00 | - | | | | | <0.91> | |
| | | | Y－ | 0.00 | 0.00 | 1.88 | 0.00 | -1.88 | 0.00 0.00 | - | | | | | | |
| | 又X1<br>Y8 | 0.5 | X＋ | -14.12 | 0.00 | 5.25 | 0.00 | -19.37 | 0.00 0.00 | - | -1.02 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 8.47 | 0.00 | 5.25 | 0.00 | -1.02 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.25 | 0.00 | -5.25 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 5.25 | 0.00 | -5.25 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -14.12 | 0.00 | 5.25 | 0.00 | -19.37 | 5.02 0.00 | 0.00 | -1.02 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 8.47 | 0.00 | 5.25 | 0.00 | -1.02 | 0.00 3.01 | 1.00 | (3.01) | | | (8.40) | (0.36) | |
| | | | Y＋ | 0.00 | 0.00 | 5.25 | 0.00 | -5.25 | 0.00 0.00 | - | | | | | <0.36> | |
| | | | Y－ | 0.00 | 0.00 | 5.25 | 0.00 | -5.25 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X3 | 0.5 | X＋ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | -8.46 | | | | | |
| | Y8 | | ◎X－ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | -8.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 8.46 | 0.00 | -8.46 | 0.00 0.00 | - | | | | | | |
| | X5 | 0.5 | ◎X＋ | 10.41 | 0.00 | 6.76 | 0.00 | -1.55 | 0.00 0.00 | - | -1.55 | | | | | |
| | Y8 | | X－ | -17.35 | 0.00 | 6.76 | 0.00 | -24.11 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.76 | 0.00 | -6.76 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.76 | 0.00 | -6.76 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 10.41 | 0.00 | 6.76 | 0.00 | -1.55 | 0.00 5.35 | 1.00 | -1.55 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | -17.35 | 0.00 | 6.76 | 0.00 | -24.11 | 8.92 0.00 | 0.22 | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 6.76 | 0.00 | -6.76 | 0.00 0.00 | - | | | | | <0.64> | |
| | | | Y－ | 0.00 | 0.00 | 6.76 | 0.00 | -6.76 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -10.41 | 0.00 | 5.11 | 0.00 | -15.52 | 0.00 5.35 | 1.00 | 3.57 | HDP-10 | HDP-10 | 10.30 | 0.35 | OK |
| | Y8 | | ◎X－ | 17.35 | 0.00 | 5.11 | 0.00 | 3.57 | 8.92 0.00 | 0.22 | (1.98) | | | (8.40) | (0.24) | |
| | | | Y＋ | 0.00 | 0.00 | 5.11 | 0.00 | -5.11 | 0.00 0.00 | - | | | | | <0.58> | |
| | | | Y－ | 0.00 | 0.00 | 5.11 | 0.00 | -5.11 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -10.41 | 0.00 | 5.11 | 0.00 | -15.52 | 0.00 0.00 | - | 3.57 | HDP-10 | HDP-10 | 10.30 | 0.35 | OK |
| | | | ◎X－ | 17.35 | 0.00 | 5.11 | 0.00 | 3.57 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.11 | 0.00 | -5.11 | 0.00 0.00 | - | | | | | <0.35> | |
| | | | Y－ | 0.00 | 0.00 | 5.11 | 0.00 | -5.11 | 0.00 0.00 | - | | | | | | |
| | X6 | 0.5 | ◎X＋ | 17.35 | 0.00 | 4.83 | 0.00 | 3.84 | 7.84 0.00 | 0.11 | 3.84 | HDP-10 | HDP-10 | 10.30 | 0.37 | OK |
| | Y8 | | X－ | -10.41 | 0.00 | 4.83 | 0.00 | -15.24 | 0.00 4.70 | 1.00 | (0.90) | | | (8.40) | (0.11) | |
| | | | Y＋ | 0.00 | 0.00 | 4.83 | 0.00 | -4.83 | 0.00 0.00 | - | | | | | <0.48> | |
| | | | Y－ | 0.00 | 0.00 | 4.83 | 0.00 | -4.83 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 17.35 | 0.00 | 4.83 | 0.00 | 3.84 | 0.00 0.00 | - | 3.84 | HDP-10 | HDP-10 | 10.30 | 0.37 | OK |
| | | | X－ | -10.41 | 0.00 | 4.83 | 0.00 | -15.24 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.83 | 0.00 | -4.83 | 0.00 0.00 | - | | | | | <0.37> | |
| | | | Y－ | 0.00 | 0.00 | 4.83 | 0.00 | -4.83 | 0.00 0.00 | - | | | | | | |
| | X7 | 0.5 | X＋ | -17.35 | 0.00 | 9.41 | 0.00 | -26.76 | 0.00 0.00 | - | -4.21 | | | | | |
| | Y8 | | ◎X－ | 10.41 | 0.00 | 9.41 | 0.00 | -4.21 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 9.41 | 0.00 | -9.41 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 9.41 | 0.00 | -9.41 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -17.35 | 0.00 | 9.41 | 0.00 | -26.76 | 7.84 0.00 | 0.11 | -4.21 | | | | | |
| | | | ◎X－ | 10.41 | 0.00 | 9.41 | 0.00 | -4.21 | 0.00 4.70 | 1.00 | (4.70) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 9.41 | 0.00 | -9.41 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 9.41 | 0.00 | -9.41 | 0.00 0.00 | - | | | | | | |
| | 又 | 0.5 | ◎X＋ | 17.35 | 0.00 | 3.99 | 0.00 | 4.69 | 0.00 0.00 | - | 4.69 | HDP-10 | HDP-10 | 10.30 | 0.46 | OK |
| | Y8 | | X－ | -17.35 | 0.00 | 3.99 | 0.00 | -21.34 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.99 | 0.00 | -3.99 | 0.00 0.00 | - | | | | | <0.46> | |
| | | | Y－ | 0.00 | 0.00 | 3.99 | 0.00 | -3.99 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 17.35 | 0.00 | 3.99 | 0.00 | 4.69 | 0.00 0.00 | - | 4.69 | HDP-10 | HDP-10 | 10.30 | 0.46 | OK |
| | | | X－ | -17.35 | 0.00 | 3.99 | 0.00 | -21.34 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.99 | 0.00 | -3.99 | 0.00 0.00 | - | | | | | <0.46> | |
| | | | Y－ | 0.00 | 0.00 | 3.99 | 0.00 | -3.99 | 0.00 0.00 | - | | | | | | |
| | X9 | 0.5 | X＋ | -17.35 | 0.00 | 5.55 | 0.00 | -22.91 | 0.00 0.00 | - | 3.12 | HDP-20 | HDP-20 | 22.20 | 0.14 | OK |
| | Y8 | | ◎X－ | 17.35 | 0.00 | 5.55 | 0.00 | 3.12 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.55 | 0.00 | -5.55 | 0.00 0.00 | - | | | | | <0.14> | |
| | | | Y－ | 0.00 | 0.00 | 5.55 | 0.00 | -5.55 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -17.35 | 0.00 | 5.55 | 0.00 | -22.91 | 0.00 0.00 | - | 3.12 | | | | | |
| | | | ◎X－ | 17.35 | 0.00 | 5.55 | 0.00 | 3.12 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.55 | 0.00 | -5.55 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.55 | 0.00 | -5.55 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X9<br>Y8 | 0.5 | X＋ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | -0.86<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | -0.86<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.86 | 0.00 | -0.86 | 0.00 0.00 | - | | | | | | |
| 1 | X0<br>Y0 | 0.5 | X＋ | 36.30 | 0.00 | 5.40 | 0.00 | 12.75 | 0.00 0.00 | - | 12.75<br>(-) | | | | | |
| | | | X－ | -36.30 | 0.40 | 5.40 | 0.00 | -41.30 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 36.30 | 0.00 | 5.40 | 0.00 | 12.75 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -36.30 | 0.00 | 5.40 | 0.00 | -41.70 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 36.30 | 0.00 | 5.40 | 0.00 | 23.64 | 0.00 0.00 | - | 23.64<br>(-) | HDC-15・20(120) | HDC-15・20 | 27.10<br>(7.30) | 0.87<br>(-)<br><0.87> | OK |
| | | | X－ | -36.30 | 0.40 | 5.40 | 0.00 | -41.30 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 36.30 | 0.00 | 5.40 | 0.00 | 23.64 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -36.30 | 0.00 | 5.40 | 0.00 | -41.70 | 0.00 0.00 | - | | | | | | |
| | 又X1<br>Y0 | 0.5 | X＋ | -36.30 | 0.00 | 3.67 | 0.00 | -39.97 | 0.00 0.00 | - | 14.48<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.65<br>(-)<br><0.65> | OK |
| | | | ◎X－ | 36.30 | 0.00 | 3.67 | 0.00 | 14.48 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.67 | 0.00 | -3.67 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.67 | 0.00 | -3.67 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -36.30 | 0.00 | 3.67 | 0.00 | -39.97 | 0.00 0.00 | - | 14.48<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.65<br>(-)<br><0.65> | OK |
| | | | ◎X－ | 36.30 | 0.00 | 3.67 | 0.00 | 14.48 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.67 | 0.00 | -3.67 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.67 | 0.00 | -3.67 | 0.00 0.00 | - | | | | | | |
| | 又X2<br>Y0 | 0.5 | X＋ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | -4.78<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | -4.78<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.78 | 0.00 | -4.78 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y0 | 0.5 | X＋ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | -2.57<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | -2.57<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.57 | 0.00 | -2.57 | 0.00 0.00 | - | | | | | | |
| | X4<br>Y0 | 0.5 | ◎X＋ | 18.15 | 0.00 | 8.39 | 0.00 | 0.68 | 0.00 0.00 | - | 0.68<br>(-) | | | | | |
| | | | X－ | -18.15 | 1.26 | 8.39 | 0.00 | -25.29 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.39 | 0.00 | -8.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.39 | 0.00 | -8.39 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 18.15 | 0.00 | 8.39 | 0.00 | 0.68 | 0.00 0.00 | - | 0.68<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.07<br>(-)<br><0.07> | OK |
| | | | X－ | -18.15 | 1.26 | 8.39 | 0.00 | -25.29 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.39 | 0.00 | -8.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.39 | 0.00 | -8.39 | 0.00 0.00 | - | | | | | | |
| | Y0 | 0.5 | ◎X＋ | 18.15 | 3.44 | 7.92 | 0.00 | 4.59 | 0.00 0.00 | - | 4.59<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.21<br>(-)<br><0.21> | OK |
| | | | X－ | -18.15 | 0.00 | 7.92 | 0.00 | -26.07 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 24.97 | 0.00 | 7.92 | 0.00 | 4.57 | 4.46 0.00 | 0.00 | | | | | | |
| | | | Y－ | -24.97 | 0.00 | 7.92 | 0.00 | -32.89 | 0.00 2.68 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 18.15 | 3.44 | 7.92 | 0.00 | 4.59 | 0.00 0.00 | - | 4.57<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.21<br>(0.32)<br><0.52> | OK |
| | | | X－ | -18.15 | 0.00 | 7.92 | 0.00 | -26.07 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 24.97 | 0.00 | 7.92 | 0.00 | 4.57 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | -24.97 | 0.00 | 7.92 | 0.00 | -32.89 | 4.46 0.00 | 0.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<〈計〉 | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X5<br>YO | 0.5 | X＋ | -36.30 | 1.92 | 15.82 | 0.00 | -50.20 | 0.00 0.00 | - | 2.33 | HDP-10 | HDP-10 | 10.30 | 0.23 | OK |
| | | | ◎X－ | 36.30 | 0.00 | 15.82 | 0.00 | 2.33 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 15.82 | 0.00 | -15.82 | 0.00 0.00 | - | | | | | <0.23> | |
| | | | Y－ | 0.00 | 0.00 | 15.82 | 0.00 | -15.82 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -36.30 | 1.92 | 15.82 | 0.00 | -50.20 | 0.00 0.00 | - | 2.33 | HDP-10 | HDP-10 | 10.30 | 0.23 | OK |
| | | | ◎X－ | 36.30 | 0.00 | 15.82 | 0.00 | 2.33 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 15.82 | 0.00 | -15.82 | 0.00 0.00 | - | | | | | <0.23> | |
| | | | Y－ | 0.00 | 0.00 | 15.82 | 0.00 | -15.82 | 0.00 0.00 | - | | | | | | |
| | 又<br>YO | 0.5 | X＋ | 0.00 | 0.00 | 19.43 | 0.00 | -19.43 | 0.00 0.00 | - | -13.50 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 5.94 | 19.43 | 0.00 | -13.50 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 19.43 | 0.00 | -19.43 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 19.43 | 0.00 | -19.43 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 19.43 | 0.00 | -19.43 | 0.00 0.00 | - | -13.50 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 5.94 | 19.43 | 0.00 | -13.50 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 19.43 | 0.00 | -19.43 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 19.43 | 0.00 | -19.43 | 0.00 0.00 | - | | | | | | |
| | 又<br>YO | 0.5 | X＋ | 0.00 | 0.00 | 14.77 | 0.00 | -14.77 | 0.00 0.00 | - | -14.03 | | | | | |
| | | | ◎X－ | 0.00 | 0.74 | 14.77 | 0.00 | -14.03 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 14.77 | 0.00 | -14.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 14.77 | 0.00 | -14.77 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 14.77 | 0.00 | -14.77 | 0.00 0.00 | - | -14.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.74 | 14.77 | 0.00 | -14.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 14.77 | 0.00 | -14.77 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 14.77 | 0.00 | -14.77 | 0.00 0.00 | - | | | | | | |
| | 又<br>YO | 0.5 | ◎X＋ | 29.04 | 0.00 | 14.21 | 0.00 | 0.31 | 5.90 0.00 | 0.00 | 0.31 | HDP-20 | HDP-20 | 22.20 | 0.01 | OK |
| | | | X－ | -29.04 | 0.00 | 14.21 | 0.00 | -43.25 | 0.00 3.54 | 1.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 14.21 | 0.00 | -14.21 | 0.00 0.00 | - | | | | | <0.01> | |
| | | | Y－ | 0.00 | 0.00 | 14.21 | 0.00 | -14.21 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 29.04 | 0.00 | 14.21 | 0.00 | 0.31 | 0.00 3.54 | 1.00 | 0.31 | HDP-20 | HDP-20 | 22.20 | 0.01 | OK |
| | | | X－ | -29.04 | 0.00 | 14.21 | 0.00 | -43.25 | 5.90 0.00 | 0.00 | (3.54) | | | (8.40) | (0.42) | |
| | | | Y＋ | 0.00 | 0.00 | 14.21 | 0.00 | -14.21 | 0.00 0.00 | - | | | | | <0.44> | |
| | | | Y－ | 0.00 | 0.00 | 14.21 | 0.00 | -14.21 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>YO | 0.5 | ◎X＋ | -4.07 | 2.12 | 10.62 | 0.00 | -12.57 | 4.46 3.54 | 0.00 | -8.59 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | X－ | 4.07 | 0.00 | 10.62 | 0.00 | -8.59 | 5.90 2.68 | 0.00 | (3.54) | | | (8.40) | (0.42) | |
| | | | Y＋ | 0.00 | 0.00 | 10.62 | 0.00 | -10.62 | 0.00 0.00 | - | | | | | <0.42> | |
| | | | Y－ | 0.00 | 0.00 | 10.62 | 0.00 | -10.62 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -4.07 | 2.12 | 10.62 | 0.00 | -12.57 | 5.90 2.68 | 0.00 | -8.59 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 4.07 | 0.00 | 10.62 | 0.00 | -8.59 | 4.46 3.54 | 0.00 | (3.54) | | | (8.40) | (0.42) | |
| | | | Y＋ | 0.00 | 0.00 | 10.62 | 0.00 | -10.62 | 0.00 0.00 | - | | | | | <0.42> | |
| | | | Y－ | 0.00 | 0.00 | 10.62 | 0.00 | -10.62 | 0.00 0.00 | - | | | | | | |
| | 又<br>YO | 0.5 | X＋ | 0.00 | 2.12 | 7.25 | 0.00 | -5.13 | 4.46 2.68 | 0.00 | -5.13 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.25 | 0.00 | -7.25 | 4.46 2.68 | 0.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 7.25 | 0.00 | -7.25 | 0.00 0.00 | - | | | | | <0.32> | |
| | | | Y－ | 0.00 | 0.00 | 7.25 | 0.00 | -7.25 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 2.12 | 7.25 | 0.00 | -5.13 | 4.46 2.68 | 0.00 | -5.13 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.25 | 0.00 | -7.25 | 4.46 2.68 | 0.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 7.25 | 0.00 | -7.25 | 0.00 0.00 | - | | | | | <0.32> | |
| | | | Y－ | 0.00 | 0.00 | 7.25 | 0.00 | -7.25 | 0.00 0.00 | - | | | | | | |
| | X9<br>YO | 0.5 | X＋ | -24.97 | 0.00 | 1.71 | 0.00 | -26.69 | 0.00 2.68 | 1.00 | 12.81 | | | | | |
| | | | X－ | 24.97 | 0.00 | 1.71 | 0.00 | 10.77 | 4.46 0.00 | 0.00 | (-) | | | | | |
| | | | ◎Y＋ | 29.04 | 0.00 | 1.71 | 0.00 | 12.81 | 5.39 0.00 | 0.00 | | | | | | |
| | | | Y－ | -29.04 | 0.00 | 1.71 | 0.00 | -30.75 | 0.00 3.23 | 1.00 | | | | | | |
| | | 0.8 | X＋ | -24.97 | 0.00 | 1.71 | 0.00 | -26.69 | 4.46 0.00 | 0.00 | 21.52 | PBH-63 | PBH-63 | 63.40 | 0.34 | OK |
| | | | X－ | 24.97 | 0.00 | 1.71 | 0.00 | 18.27 | 0.00 2.68 | 1.00 | (3.23) | | | (14.00) | (0.23) | |
| | | | ◎Y＋ | 29.04 | 0.00 | 1.71 | 0.00 | 21.52 | 0.00 3.23 | 1.00 | | | | | <0.57> | |
| | | | Y－ | -29.04 | 0.00 | 1.71 | 0.00 | -30.75 | 5.39 0.00 | 0.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X0<br>又Y0 | 0.5 | ◎X＋ | 0.00 | 8.79 | 6.89 | 0.00 | 1.90 | 0.00 0.00 | - | 1.90 | HDP-10 | HDP-10 | 10.30 | 0.18 | OK |
| | | | X－ | 0.00 | 0.00 | 6.89 | 0.00 | -6.89 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.89 | 0.00 | -6.89 | 0.00 0.00 | - | | | | | <0.18> | |
| | | | Y－ | 0.00 | 0.00 | 6.89 | 0.00 | -6.89 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 8.79 | 6.89 | 0.00 | 1.90 | 0.00 0.00 | - | 1.90 | HDP-10 | HDP-10 | 10.30 | 0.18 | OK |
| | | | X－ | 0.00 | 0.00 | 6.89 | 0.00 | -6.89 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.89 | 0.00 | -6.89 | 0.00 0.00 | - | | | | | <0.18> | |
| | | | Y－ | 0.00 | 0.00 | 6.89 | 0.00 | -6.89 | 0.00 0.00 | - | | | | | | |
| | 又Y0 | 0.5 | X＋ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 0.00 0.00 | - | -0.52 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 0.00 0.00 | - | (2.68) | | | (8.40) | (0.32) | |
| | | | ◎Y＋ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 4.46 2.68 | 0.00 | | | | | <0.32> | |
| | | | Y－ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 4.46 2.68 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 0.00 0.00 | - | -0.52 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 0.00 0.00 | - | (2.68) | | | (8.40) | (0.32) | |
| | | | ◎Y＋ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 4.46 2.68 | 0.00 | | | | | <0.32> | |
| | | | Y－ | 0.00 | 0.00 | 0.52 | 0.00 | -0.52 | 4.46 2.68 | 0.00 | | | | | | |
| | X9<br>Y1 | 0.5 | X＋ | 0.00 | 0.00 | 5.90 | 0.00 | -5.90 | 0.00 0.00 | - | 8.62 | HDP-20 | HDP-20 | 22.20 | 0.39 | OK |
| | | | X－ | 0.00 | 13.88 | 5.90 | 0.00 | 7.98 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -29.04 | 0.00 | 5.90 | 0.00 | -34.94 | 0.00 3.23 | 1.00 | | | | | <0.39> | |
| | | | ◎Y－ | 29.04 | 0.00 | 5.90 | 0.00 | 8.62 | 5.39 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.90 | 0.00 | -5.90 | 0.00 0.00 | - | 8.62 | HDP-20 | HDP-20 | 22.20 | 0.39 | OK |
| | | | X－ | 0.00 | 13.88 | 5.90 | 0.00 | 7.98 | 0.00 0.00 | - | (3.23) | | | (8.40) | (0.39) | |
| | | | Y＋ | -29.04 | 0.00 | 5.90 | 0.00 | -34.94 | 5.39 0.00 | 0.00 | | | | | <0.77> | |
| | | | ◎Y－ | 29.04 | 0.00 | 5.90 | 0.00 | 8.62 | 0.00 3.23 | 1.00 | | | | | | |
| | X0<br>又Y1 | 0.5 | X＋ | 0.00 | 0.65 | 18.51 | 0.00 | -17.87 | 0.00 0.00 | - | -13.31 | HMP-140 | HMP-140 | 9.20 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 18.51 | 0.00 | -18.51 | 0.00 0.00 | - | (-) | | | (9.20) | (-) | |
| | | | ◎Y＋ | 0.00 | 5.21 | 18.51 | 0.00 | -13.31 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 18.51 | 0.00 | -18.51 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.65 | 18.51 | 0.00 | -17.87 | 0.00 0.00 | - | -13.31 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 18.51 | 0.00 | -18.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 5.21 | 18.51 | 0.00 | -13.31 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 18.51 | 0.00 | -18.51 | 0.00 0.00 | - | | | | | | |
| | X4<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 20.03 | 0.00 | -20.03 | 0.00 0.00 | - | -1.88 | HMP-140(330+TH-33) | HMP-140 | 12.40 | 0.00 | OK |
| | | | X－ | 0.00 | 1.92 | 20.03 | 0.00 | -18.11 | 0.00 0.00 | - | (-) | | | (7.80) | (-) | |
| | | | ◎Y＋ | 36.30 | 0.00 | 20.03 | 0.00 | -1.88 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -36.30 | 0.00 | 20.03 | 0.00 | -56.33 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 20.03 | 0.00 | -20.03 | 0.00 0.00 | - | -1.88 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 1.92 | 20.03 | 0.00 | -18.11 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 36.30 | 0.00 | 20.03 | 0.00 | -1.88 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -36.30 | 0.00 | 20.03 | 0.00 | -56.33 | 0.00 0.00 | - | | | | | | |
| | 又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | 10.82 | HDP-15 | HDP-15 | 16.10 | 0.67 | OK |
| | | | X－ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -24.97 | 0.00 | 1.67 | 0.00 | -26.64 | 0.00 2.68 | 1.00 | | | | | <0.67> | |
| | | | ◎Y－ | 24.97 | 0.00 | 1.67 | 0.00 | 10.82 | 4.46 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | 10.82 | HDP-15 | HDP-15 | 16.10 | 0.67 | OK |
| | | | X－ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | -24.97 | 0.00 | 1.67 | 0.00 | -26.64 | 4.46 0.00 | 0.00 | | | | | <0.99> | |
| | | | ◎Y－ | 24.97 | 0.00 | 1.67 | 0.00 | 10.82 | 0.00 2.68 | 1.00 | | | | | | |
| | X5<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 5.00 | 0.00 | -5.00 | 0.00 0.00 | - | 3.68 | HDP-10 | HDP-10 | 10.30 | 0.36 | OK |
| | | | X－ | 0.00 | 0.00 | 5.00 | 0.00 | -5.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 8.68 | 5.00 | 0.00 | 3.68 | 0.00 0.00 | - | | | | | <0.36> | |
| | | | Y－ | 0.00 | 0.00 | 5.00 | 0.00 | -5.00 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.00 | 0.00 | -5.00 | 0.00 0.00 | - | 3.68 | HDP-10 | HDP-10 | 10.30 | 0.36 | OK |
| | | | X－ | 0.00 | 0.00 | 5.00 | 0.00 | -5.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 8.68 | 5.00 | 0.00 | 3.68 | 0.00 0.00 | - | | | | | <0.36> | |
| | | | Y－ | 0.00 | 0.00 | 5.00 | 0.00 | -5.00 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>又Y1 | 0.5 | X＋ | 0.00 | 0.00 | 4.94 | 0.00 | -4.94 | 0.00 0.00 | - | 7.55 | HDP-15 | HDP-15 | 16.10 | 0.47 | OK |
| | | | X－ | 0.00 | 0.00 | 4.94 | 0.00 | -4.94 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 9.37 | 7.81 | 4.94 | 0.00 | 7.55 | 0.00 0.00 | - | | | | | <0.47> | |
| | | | Y－ | -15.61 | 0.00 | 4.94 | 0.00 | -20.55 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.94 | 0.00 | -4.94 | 0.00 0.00 | - | 7.55 | HDP-15 | HDP-15 | 16.10 | 0.47 | OK |
| | | | X－ | 0.00 | 0.00 | 4.94 | 0.00 | -4.94 | 0.00 0.00 | - | (2.68) | | | (8.40) | (0.32) | |
| | | | ◎Y＋ | 9.37 | 7.81 | 4.94 | 0.00 | 7.55 | 0.00 2.68 | 1.00 | | | | | <0.79> | |
| | | | Y－ | -15.61 | 0.00 | 4.94 | 0.00 | -20.55 | 4.46 0.00 | 0.00 | | | | | | |
| | 又X11<br>又 | 0.5 | X＋ | -6.68 | 0.00 | 14.18 | 0.00 | -20.86 | 0.00 0.00 | - | -6.74 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 6.68 | 4.10 | 14.18 | 0.00 | -6.74 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 9.07 | 0.00 | 14.18 | 0.00 | -9.65 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -9.07 | 3.15 | 14.18 | 0.00 | -20.11 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -6.68 | 0.00 | 14.18 | 0.00 | -20.86 | 0.00 0.00 | - | -4.74 | HDC-15・20(120) | HDC-15・20 | 27.10 | 0.00 | OK |
| | | | ◎X－ | 6.68 | 4.10 | 14.18 | 0.00 | -4.74 | 0.00 0.00 | - | (-) | | | (7.30) | (-) | |
| | | | Y＋ | 9.07 | 0.00 | 14.18 | 0.00 | -9.65 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -9.07 | 3.15 | 14.18 | 0.00 | -20.11 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 5.88 | 0.00 | -5.88 | 0.00 0.00 | - | -2.76 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 5.88 | 0.00 | -5.88 | 0.00 0.00 | - | (2.68) | | | (8.40) | (0.32) | |
| | | | ◎Y＋ | 6.24 | 0.00 | 5.88 | 0.00 | -2.76 | 4.46 2.68 | 0.00 | | | | | <0.32> | |
| | | | Y－ | 6.24 | 0.00 | 5.88 | 0.00 | -2.76 | 4.46 2.68 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.88 | 0.00 | -5.88 | 0.00 0.00 | - | -2.76 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 5.88 | 0.00 | -5.88 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 6.24 | 0.00 | 5.88 | 0.00 | -2.76 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 6.24 | 0.00 | 5.88 | 0.00 | -2.76 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.5 | ◎X＋ | 15.75 | 0.00 | 5.98 | 0.00 | 1.90 | 0.00 0.00 | - | 1.90 | HDP-15 | HDP-15 | 16.10 | 0.12 | OK |
| | | | X－ | -15.75 | 0.00 | 5.98 | 0.00 | -21.73 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -9.07 | 0.00 | 5.98 | 0.00 | -15.05 | 0.00 0.00 | - | | | | | <0.12> | |
| | | | Y－ | 9.07 | 0.00 | 5.98 | 0.00 | 1.28 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 15.75 | 0.00 | 5.98 | 0.00 | 1.90 | 0.00 0.00 | - | 1.90 | HDP-20 | HDP-20 | 22.20 | 0.09 | OK |
| | | | X－ | -15.75 | 0.00 | 5.98 | 0.00 | -21.73 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -9.07 | 0.00 | 5.98 | 0.00 | -15.05 | 0.00 0.00 | - | | | | | <0.09> | |
| | | | Y－ | 9.07 | 0.00 | 5.98 | 0.00 | 1.28 | 0.00 0.00 | - | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 13.09 | 0.00 | -13.09 | 0.00 0.00 | - | -9.62 | | | | | |
| | | | X－ | 0.00 | 0.00 | 13.09 | 0.00 | -13.09 | 0.00 0.00 | - | (-) | | | | | |
| | | | ◎Y＋ | 0.00 | 3.47 | 13.09 | 0.00 | -9.62 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 13.09 | 0.00 | -13.09 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.09 | 0.00 | -13.09 | 0.00 0.00 | - | -9.62 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 13.09 | 0.00 | -13.09 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 3.47 | 13.09 | 0.00 | -9.62 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 13.09 | 0.00 | -13.09 | 0.00 0.00 | - | | | | | | |
| | X4<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | -12.44 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | -12.44 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 12.44 | 0.00 | -12.44 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | 5.15 | HDP-15 | HDP-15 | 16.10 | 0.32 | OK |
| | | | X－ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.61 | 0.00 | 7.34 | 0.00 | -22.95 | 0.00 0.00 | - | | | | | <0.32> | |
| | | | ◎Y－ | 9.37 | 7.81 | 7.34 | 0.00 | 5.15 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | 5.15 | HDP-15 | HDP-15 | 16.10 | 0.32 | OK |
| | | | X－ | 0.00 | 0.00 | 7.34 | 0.00 | -7.34 | 0.00 0.00 | - | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | -15.61 | 0.00 | 7.34 | 0.00 | -22.95 | 4.46 0.00 | 0.00 | | | | | <0.64> | |
| | | | ◎Y－ | 9.37 | 7.81 | 7.34 | 0.00 | 5.15 | 0.00 2.68 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 15.42 | 0.00 | -15.42 | 0.00 0.00 | - | -13.10<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.77 | 15.42 | 0.00 | -14.65 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 15.42 | 0.00 | -15.42 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 2.33 | 15.42 | 0.00 | -13.10 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 15.42 | 0.00 | -15.42 | 0.00 0.00 | - | -13.10<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.77 | 15.42 | 0.00 | -14.65 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 15.42 | 0.00 | -15.42 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 2.33 | 15.42 | 0.00 | -13.10 | 0.00 0.00 | - | | | | | | |
| | 又X12<br>又 | 0.8 | X＋ | 9.07 | 0.00 | 24.08 | 0.00 | -16.82 | 0.00 0.00 | - | 5.91<br>(-) | | | | | |
| | | | X－ | -9.07 | 2.28 | 24.08 | 0.00 | -30.88 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 24.08 | 0.00 | -39.84 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 17.39 | 24.08 | 0.00 | 5.91 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 9.07 | 0.00 | 24.08 | 0.00 | -16.82 | 0.00 0.00 | - | 5.91<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.37<br>(-)<br><0.37> | OK |
| | | | X－ | -9.07 | 2.28 | 24.08 | 0.00 | -30.88 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 24.08 | 0.00 | -39.84 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 17.39 | 24.08 | 0.00 | 5.91 | 0.00 0.00 | - | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 15.88 | 0.00 | -15.88 | 0.00 0.00 | - | 10.95<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.68<br>(-)<br><0.68> | OK |
| | | | X－ | 0.00 | 0.00 | 15.88 | 0.00 | -15.88 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 15.88 | 0.00 | -52.18 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 8.68 | 15.88 | 0.00 | 10.95 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 15.88 | 0.00 | -15.88 | 0.00 0.00 | - | 10.95<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.68<br>(-)<br><0.68> | OK |
| | | | X－ | 0.00 | 0.00 | 15.88 | 0.00 | -15.88 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 15.88 | 0.00 | -52.18 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 8.68 | 15.88 | 0.00 | 10.95 | 0.00 0.00 | - | | | | | | |
| | X4<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 10.90 | 0.00 | -10.90 | 0.00 0.00 | - | 7.25<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.33<br>(-)<br><0.33> | OK |
| | | | X－ | 0.00 | 0.00 | 10.90 | 0.00 | -10.90 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 10.90 | 0.00 | -47.20 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 10.90 | 0.00 | 7.25 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 10.90 | 0.00 | -10.90 | 0.00 0.00 | - | 7.25<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.33<br>(-)<br><0.33> | OK |
| | | | X－ | 0.00 | 0.00 | 10.90 | 0.00 | -10.90 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 10.90 | 0.00 | -47.20 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 10.90 | 0.00 | 7.25 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 14.60 | 0.00 | -14.60 | 0.00 0.00 | - | 5.22<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.32<br>(-)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 14.60 | 0.00 | -14.60 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 14.60 | 0.00 | -30.35 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 7.22 | 14.60 | 0.00 | 5.22 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 14.60 | 0.00 | -14.60 | 0.00 0.00 | - | 5.22<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.24<br>(-)<br><0.24> | OK |
| | | | X－ | 0.00 | 0.00 | 14.60 | 0.00 | -14.60 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 14.60 | 0.00 | -30.35 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 7.22 | 14.60 | 0.00 | 5.22 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y2 | 0.5 | X＋ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | -21.78<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | -21.78<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 21.78 | 0.00 | -21.78 | 0.00 0.00 | - | | | | | | |
| | X4<br>Y2 | 0.5 | X＋ | 29.04 | 0.35 | 18.30 | 0.00 | -3.43 | 7.35 0.00 | 0.01 | -3.43<br>(4.85) | | | | | |
| | | | X－ | -29.04 | 0.00 | 18.30 | 0.00 | -47.34 | 0.00 4.41 | 1.00 | | | | | | |
| | | | Y＋ | 29.04 | 0.00 | 18.30 | 0.00 | -3.78 | 8.09 0.00 | 0.10 | | | | | | |
| | | | ◎Y－ | -29.04 | 0.00 | 18.30 | 0.00 | -47.34 | 0.00 4.85 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 29.04 | 0.35 | 18.30 | 0.00 | -3.43 | 0.00 4.41 | 1.00 | -3.43<br>(4.85) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.58)<br><0.58> | OK |
| | | | X－ | -29.04 | 0.00 | 18.30 | 0.00 | -47.34 | 7.35 0.00 | 0.01 | | | | | | |
| | | | ◎Y＋ | 29.04 | 0.00 | 18.30 | 0.00 | -3.78 | 0.00 4.85 | 1.00 | | | | | | |
| | | | Y－ | -29.04 | 0.00 | 18.30 | 0.00 | -47.34 | 8.09 0.00 | 0.10 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X5 | 0.5 | ◎X＋ | -29.04 | 0.91 | 18.11 | 0.00 | -46.25 | 0.00 4.41 | 1.00 | -3.60 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | Y2 | | X－ | 29.04 | 0.00 | 18.11 | 0.00 | -3.60 | 7.35 0.00 | 0.01 | (4.41) | | | (8.40) | (0.53) | |
| | | | Y＋ | 0.00 | 1.39 | 18.11 | 0.00 | -16.72 | 0.00 0.00 | - | | | | | <0.53> | |
| | | | Y－ | 0.00 | 2.99 | 18.11 | 0.00 | -15.12 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -29.04 | 0.91 | 18.11 | 0.00 | -46.25 | 7.35 0.00 | 0.01 | -3.60 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 29.04 | 0.00 | 18.11 | 0.00 | -3.60 | 0.00 4.41 | 1.00 | (4.41) | | | (8.40) | (0.53) | |
| | | | Y＋ | 0.00 | 1.39 | 18.11 | 0.00 | -16.72 | 0.00 0.00 | - | | | | | <0.53> | |
| | | | Y－ | 0.00 | 2.99 | 18.11 | 0.00 | -15.12 | 0.00 0.00 | - | | | | | | |
| | 又X5 | 0.5 | X＋ | 29.04 | 0.00 | 16.43 | 0.00 | -1.91 | 9.24 0.00 | 0.21 | -1.91 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | Y2 | | ◎X－ | -29.04 | 0.00 | 16.43 | 0.00 | -45.47 | 0.00 5.54 | 1.00 | (5.54) | | | (8.40) | (0.66) | |
| | | | Y＋ | 0.00 | 0.00 | 16.43 | 0.00 | -16.43 | 0.00 0.00 | - | | | | | <0.66> | |
| | | | Y－ | 0.00 | 0.00 | 16.43 | 0.00 | -16.43 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 29.04 | 0.00 | 16.43 | 0.00 | -1.91 | 0.00 5.54 | 1.00 | -1.91 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | -29.04 | 0.00 | 16.43 | 0.00 | -45.47 | 9.24 0.00 | 0.21 | (5.54) | | | (8.40) | (0.66) | |
| | | | Y＋ | 0.00 | 0.00 | 16.43 | 0.00 | -16.43 | 0.00 0.00 | - | | | | | <0.66> | |
| | | | Y－ | 0.00 | 0.00 | 16.43 | 0.00 | -16.43 | 0.00 0.00 | - | | | | | | |
| | 又 | 0.5 | ◎X＋ | 7.26 | 0.00 | 19.35 | 0.00 | -15.72 | 0.00 5.54 | 1.00 | -15.72 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | Y2 | | X－ | -7.26 | 1.34 | 19.35 | 0.00 | -25.28 | 9.24 0.00 | 0.21 | (5.54) | | | (8.40) | (0.66) | |
| | | | Y＋ | 0.00 | 0.00 | 19.35 | 0.00 | -19.35 | 0.00 0.00 | - | | | | | <0.66> | |
| | | | Y－ | 0.00 | 0.00 | 19.35 | 0.00 | -19.35 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 7.26 | 0.00 | 19.35 | 0.00 | -15.72 | 9.24 0.00 | 0.21 | -15.72 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | ◎X－ | -7.26 | 1.34 | 19.35 | 0.00 | -25.28 | 0.00 5.54 | 1.00 | (5.54) | | | (8.40) | (0.66) | |
| | | | Y＋ | 0.00 | 0.00 | 19.35 | 0.00 | -19.35 | 0.00 0.00 | - | | | | | <0.66> | |
| | | | Y－ | 0.00 | 0.00 | 19.35 | 0.00 | -19.35 | 0.00 0.00 | - | | | | | | |
| | X6 | 0.5 | X＋ | -36.30 | 0.00 | 16.24 | 0.00 | -52.54 | 0.00 0.00 | - | 1.91 | | | | | |
| | Y2 | | ◎X－ | 36.30 | 0.00 | 16.24 | 0.00 | 1.91 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 16.24 | 0.00 | -16.24 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 16.24 | 0.00 | -16.24 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -36.30 | 0.00 | 16.24 | 0.00 | -52.54 | 0.00 0.00 | - | 1.91 | HDP-15 | HDP-15 | 16.10 | 0.12 | OK |
| | | | ◎X－ | 36.30 | 0.00 | 16.24 | 0.00 | 1.91 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 16.24 | 0.00 | -16.24 | 0.00 0.00 | - | | | | | <0.12> | |
| | | | Y－ | 0.00 | 0.00 | 16.24 | 0.00 | -16.24 | 0.00 0.00 | - | | | | | | |
| | 又 | 0.5 | X＋ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | -7.82 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | Y2 | | ◎X－ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | -7.82 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 7.82 | 0.00 | -7.82 | 0.00 0.00 | - | | | | | | |
| | X7 | 0.5 | ◎X＋ | 36.30 | 0.19 | 10.08 | 0.00 | 8.26 | 0.00 0.00 | - | 8.26 | HDP-20 | HDP-20 | 22.20 | 0.37 | OK |
| | Y2 | | X－ | -36.30 | 0.00 | 10.08 | 0.00 | -46.38 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 10.08 | 0.00 | -10.08 | 0.00 0.00 | - | | | | | <0.37> | |
| | | | Y－ | 0.00 | 0.00 | 10.08 | 0.00 | -10.08 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 36.30 | 0.19 | 10.08 | 0.00 | 8.26 | 0.00 0.00 | - | 8.26 | HDP-20 | HDP-20 | 22.20 | 0.37 | OK |
| | | | X－ | -36.30 | 0.00 | 10.08 | 0.00 | -46.38 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 10.08 | 0.00 | -10.08 | 0.00 0.00 | - | | | | | <0.37> | |
| | | | Y－ | 0.00 | 0.00 | 10.08 | 0.00 | -10.08 | 0.00 0.00 | - | | | | | | |
| | 又 | 0.5 | X＋ | -36.30 | 0.78 | 11.27 | 0.00 | -46.79 | 0.00 0.00 | - | 6.87 | HDP-20 | HDP-20 | 22.20 | 0.31 | OK |
| | Y2 | | ◎X－ | 36.30 | 0.00 | 11.27 | 0.00 | 6.87 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 11.27 | 0.00 | -11.27 | 0.00 0.00 | - | | | | | <0.31> | |
| | | | Y－ | 0.00 | 0.00 | 11.27 | 0.00 | -11.27 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -36.30 | 0.78 | 11.27 | 0.00 | -46.79 | 0.00 0.00 | - | 6.87 | HDP-20 | HDP-20 | 22.20 | 0.31 | OK |
| | | | ◎X－ | 36.30 | 0.00 | 11.27 | 0.00 | 6.87 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 11.27 | 0.00 | -11.27 | 0.00 0.00 | - | | | | | <0.31> | |
| | | | Y－ | 0.00 | 0.00 | 11.27 | 0.00 | -11.27 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X8 | 0.5 | X＋ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | -4.11 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | Y2 | | ◎X－ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | -4.11 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 4.11 | 0.00 | -4.11 | 0.00 0.00 | - | | | | | | |
| | X9 | 0.5 | X＋ | 0.00 | 0.00 | 26.85 | 0.00 | -26.85 | 0.00 0.00 | - | -5.84 | | | | | |
| | Y2 | | X－ | 0.00 | 0.99 | 26.85 | 0.00 | -25.86 | 0.00 0.00 | - | (4.01) | | | | | |
| | | | Y＋ | 29.04 | 6.50 | 26.85 | 0.00 | -5.84 | 6.69 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | -29.04 | 0.00 | 26.85 | 0.00 | -55.89 | 0.00 4.01 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 26.85 | 0.00 | -26.85 | 0.00 0.00 | - | -5.84 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | X－ | 0.00 | 0.99 | 26.85 | 0.00 | -25.86 | 0.00 0.00 | - | (4.01) | | | (8.40) | (0.48) | |
| | | | ◎Y＋ | 29.04 | 6.50 | 26.85 | 0.00 | -5.84 | 0.00 4.01 | 1.00 | | | | | <0.48> | |
| | | | Y－ | -29.04 | 0.00 | 26.85 | 0.00 | -55.89 | 6.69 0.00 | 0.00 | | | | | | |
| | 又X14 | 0.5 | X＋ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | -8.14 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | 又Y2 | | ◎X－ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | -8.14 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 8.14 | 0.00 | -8.14 | 0.00 0.00 | - | | | | | | |
| | X7 | 0.5 | X＋ | 0.00 | 0.00 | 2.51 | 0.00 | -2.51 | 0.00 0.00 | - | 15.64 | HDP-20 | HDP-20 | 22.20 | 0.70 | OK |
| | | | X－ | 0.00 | 0.00 | 2.51 | 0.00 | -2.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 36.30 | 0.00 | 2.51 | 0.00 | 15.64 | 0.00 0.00 | - | | | | | <0.70> | |
| | | | Y－ | -36.30 | 0.00 | 2.51 | 0.00 | -38.81 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.51 | 0.00 | -2.51 | 0.00 0.00 | - | 15.64 | HDP-20 | HDP-20 | 22.20 | 0.70 | OK |
| | | | X－ | 0.00 | 0.00 | 2.51 | 0.00 | -2.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 36.30 | 0.00 | 2.51 | 0.00 | 15.64 | 0.00 0.00 | - | | | | | <0.70> | |
| | | | Y－ | -36.30 | 0.00 | 2.51 | 0.00 | -38.81 | 0.00 0.00 | - | | | | | | |
| | 又X14 | 0.5 | ◎X＋ | 0.00 | 4.16 | 9.21 | 0.00 | -5.05 | 0.00 0.00 | - | -5.05 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | 又 | | X－ | 0.00 | 0.00 | 9.21 | 0.00 | -9.21 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 9.21 | 0.00 | -9.21 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 9.21 | 0.00 | -9.21 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 4.16 | 9.21 | 0.00 | -5.05 | 0.00 0.00 | - | -5.05 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 9.21 | 0.00 | -9.21 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 9.21 | 0.00 | -9.21 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 9.21 | 0.00 | -9.21 | 0.00 0.00 | - | | | | | | |
| | X6 | 0.5 | X＋ | 0.00 | 0.00 | 3.63 | 0.00 | -3.63 | 0.00 0.00 | - | 14.52 | HDP-15 | HDP-15 | 16.10 | 0.90 | OK |
| | 又 | | X－ | 0.00 | 0.00 | 3.63 | 0.00 | -3.63 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 36.30 | 0.00 | 3.63 | 0.00 | 14.52 | 0.00 0.00 | - | | | | | <0.90> | |
| | | | Y－ | -36.30 | 0.00 | 3.63 | 0.00 | -39.93 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.63 | 0.00 | -3.63 | 0.00 0.00 | - | 14.52 | HDP-15 | HDP-15 | 16.10 | 0.90 | OK |
| | | | X－ | 0.00 | 0.00 | 3.63 | 0.00 | -3.63 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 36.30 | 0.00 | 3.63 | 0.00 | 14.52 | 0.00 0.00 | - | | | | | <0.90> | |
| | | | Y－ | -36.30 | 0.00 | 3.63 | 0.00 | -39.93 | 0.00 0.00 | - | | | | | | |
| | 又X18 | 0.5 | X＋ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | -1.67 | | | | | |
| | 又 | | ◎X－ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | -1.67 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.67 | 0.00 | -1.67 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭圧縮[Cμ]<br>柱脚圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 12.52 | 0.00 | -12.52 | 0.00 0.00 | - | -12.49<br>(4.01) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.48)<br><0.48> | OK |
| | | | X－ | 0.00 | 0.02 | 12.52 | 0.00 | -12.49 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 0.00 | 12.52 | 0.00 | -12.52 | 6.69 4.01 | 0.00 | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 12.52 | 0.00 | -12.52 | 6.69 4.01 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 12.52 | 0.00 | -12.52 | 0.00 0.00 | - | -12.49<br>(4.01) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.48)<br><0.48> | OK |
| | | | X－ | 0.00 | 0.02 | 12.52 | 0.00 | -12.49 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 0.00 | 12.52 | 0.00 | -12.52 | 6.69 4.01 | 0.00 | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 12.52 | 0.00 | -12.52 | 6.69 4.01 | 0.00 | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | 9.07 | 0.00 | 10.60 | 0.00 | -3.34 | 0.84 0.00 | 0.00 | -3.34<br>(0.50) | | | | | |
| | | | ◎X－ | -5.44 | 0.00 | 10.60 | 0.00 | -16.04 | 0.00 0.50 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 10.60 | 0.00 | -10.60 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 10.60 | 0.00 | -10.60 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 9.07 | 0.00 | 10.60 | 0.00 | -3.34 | 0.00 0.00 | - | -3.34<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -5.44 | 0.00 | 10.60 | 0.00 | -16.04 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 10.60 | 0.00 | -10.60 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 10.60 | 0.00 | -10.60 | 0.00 0.00 | - | | | | | | |
| | X4<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 0.00 0.00 | - | -11.07<br>(4.85) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.58)<br><0.58> | OK |
| | | | X－ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 5.29 4.85 | 0.00 | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 8.09 3.18 | 0.10 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 0.00 0.00 | - | -11.07<br>(4.85) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.58)<br><0.58> | OK |
| | | | X－ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 8.09 3.18 | 0.10 | | | | | | |
| | | | ◎Y－ | 0.00 | 0.00 | 11.07 | 0.00 | -11.07 | 5.29 4.85 | 0.00 | | | | | | |
| | XO | 0.5 | X＋ | 0.00 | 0.00 | 16.49 | 0.00 | -16.49 | 0.00 0.00 | - | 1.26<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.12<br>(-)<br><0.12> | OK |
| | | | X－ | 0.00 | 0.00 | 16.49 | 0.00 | -16.49 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 18.15 | 8.68 | 16.49 | 0.00 | 1.26 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 16.49 | 0.00 | -34.63 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 16.49 | 0.00 | -16.49 | 0.00 0.00 | - | 1.26<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.12<br>(-)<br><0.12> | OK |
| | | | X－ | 0.00 | 0.00 | 16.49 | 0.00 | -16.49 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 18.15 | 8.68 | 16.49 | 0.00 | 1.26 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 16.49 | 0.00 | -34.63 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又 | 0.5 | ◎X＋ | 5.44 | 0.00 | 2.38 | 0.00 | 0.34 | 0.00 0.00 | - | 0.34<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.03<br>(-)<br><0.03> | OK |
| | | | X－ | -9.07 | 0.00 | 2.38 | 0.00 | -11.45 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.38 | 0.00 | -2.38 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.38 | 0.00 | -2.38 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 5.44 | 0.00 | 2.38 | 0.00 | 1.98 | 0.00 0.50 | 1.00 | 1.98<br>(0.50) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.19<br>(0.06)<br><0.25> | OK |
| | | | X－ | -9.07 | 0.00 | 2.38 | 0.00 | -11.45 | 0.84 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.38 | 0.00 | -2.38 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.38 | 0.00 | -2.38 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | -0.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | -0.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 0.77 | 0.00 | -0.77 | 0.00 0.00 | - | | | | | | |
| | 又X19<br>又 | 0.5 | ◎X＋ | 12.49 | 6.94 | 8.11 | 0.00 | 5.08 | 0.56 0.00 | 0.00 | 5.08<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.23<br>(-)<br><0.23> | OK |
| | | | X－ | -12.49 | 0.00 | 8.11 | 0.00 | -20.59 | 0.00 0.33 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.11 | 0.00 | -8.11 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.11 | 0.00 | -8.11 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | ◎X＋ | 12.49 | 6.94 | 8.11 | 0.00 | 8.82 | 0.00 0.33 | 1.00 | 8.82<br>(0.33) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.40<br>(0.04)<br><0.44> | OK |
| | | | X－ | -12.49 | 0.00 | 8.11 | 0.00 | -20.59 | 0.56 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.11 | 0.00 | -8.11 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.11 | 0.00 | -8.11 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の Vs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X15<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 17.94 | 0.00 | -17.94 | 0.00 0.00 | - | 1.66<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.16<br>(-)<br><0.16> | OK |
| | | | X－ | 0.00 | 0.00 | 17.94 | 0.00 | -17.94 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 17.94 | 0.00 | -33.70 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 9.44 | 12.05 | 17.94 | 0.00 | 1.66 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 17.94 | 0.00 | -17.94 | 0.00 0.00 | - | 1.66<br>(2.61) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.10<br>(0.31)<br><0.41> | OK |
| | | | X－ | 0.00 | 0.00 | 17.94 | 0.00 | -17.94 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 17.94 | 0.00 | -33.70 | 4.34 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 9.44 | 12.05 | 17.94 | 0.00 | 1.66 | 0.00 2.61 | 1.00 | | | | | | |
| | X0<br>Y3 | 0.5 | ◎X＋ | 36.30 | 8.68 | 15.85 | 0.00 | 10.98 | 0.00 0.00 | - | 10.98<br>(-) | | | | | |
| | | | X－ | -36.30 | 0.00 | 15.85 | 0.00 | -52.14 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -18.15 | 0.00 | 15.85 | 0.00 | -34.00 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 18.15 | 8.68 | 15.85 | 0.00 | 1.90 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 36.30 | 8.68 | 15.85 | 0.00 | 10.98 | 0.00 0.00 | - | 10.98<br>(-) | HDC-25・30(120) | HDC-25・30 | 36.70<br>(7.30) | 0.30<br>(-)<br><0.30> | OK |
| | | | X－ | -36.30 | 0.00 | 15.85 | 0.00 | -52.14 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -18.15 | 0.00 | 15.85 | 0.00 | -34.00 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 18.15 | 8.68 | 15.85 | 0.00 | 1.90 | 0.00 0.00 | - | | | | | | |
| | 又X1<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | -3.28<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | -3.28<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.28 | 0.00 | -3.28 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y3 | 0.5 | X＋ | -18.15 | 0.00 | 13.55 | 0.00 | -31.70 | 0.00 0.00 | - | -4.47<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 18.15 | 0.00 | 13.55 | 0.00 | -4.47 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.55 | 0.00 | -13.55 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 13.55 | 0.00 | -13.55 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -18.15 | 0.00 | 13.55 | 0.00 | -31.70 | 0.00 0.00 | - | -4.47<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 18.15 | 0.00 | 13.55 | 0.00 | -4.47 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.55 | 0.00 | -13.55 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 13.55 | 0.00 | -13.55 | 0.00 0.00 | - | | | | | | |
| | X3<br>Y3 | 0.5 | X＋ | -18.15 | 0.00 | 21.86 | 0.00 | -40.01 | 0.00 0.00 | - | -3.71<br>(-) | | | | | |
| | | | X－ | 18.15 | 6.61 | 21.86 | 0.00 | -6.18 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 36.30 | 0.00 | 21.86 | 0.00 | -3.71 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -36.30 | 0.00 | 21.86 | 0.00 | -58.16 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -18.15 | 0.00 | 21.86 | 0.00 | -40.01 | 0.00 0.00 | - | -3.71<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 18.15 | 6.61 | 21.86 | 0.00 | -6.18 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 36.30 | 0.00 | 21.86 | 0.00 | -3.71 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -36.30 | 0.00 | 21.86 | 0.00 | -58.16 | 0.00 0.00 | - | | | | | | |
| | X4<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 6.10 | 0.00 | -6.10 | 0.00 0.00 | - | 8.42<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.38<br>(-)<br><0.38> | OK |
| | | | X－ | 0.00 | 0.00 | 6.10 | 0.00 | -6.10 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -29.04 | 0.00 | 6.10 | 0.00 | -35.14 | 0.00 3.18 | 1.00 | | | | | | |
| | | | ◎Y－ | 29.04 | 0.00 | 6.10 | 0.00 | 8.42 | 5.29 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.10 | 0.00 | -6.10 | 0.00 0.00 | - | 8.42<br>(3.18) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.38<br>(0.38)<br><0.76> | OK |
| | | | X－ | 0.00 | 0.00 | 6.10 | 0.00 | -6.10 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -29.04 | 0.00 | 6.10 | 0.00 | -35.14 | 5.29 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 29.04 | 0.00 | 6.10 | 0.00 | 8.42 | 0.00 3.18 | 1.00 | | | | | | |
| | 又X4<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 8.32 | 0.00 | -8.32 | 0.00 0.00 | - | -7.59<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 8.32 | 0.00 | -8.32 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.32 | 0.00 | -8.32 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 0.74 | 8.32 | 0.00 | -7.59 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.32 | 0.00 | -8.32 | 0.00 0.00 | - | -7.59<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 8.32 | 0.00 | -8.32 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.32 | 0.00 | -8.32 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 0.74 | 8.32 | 0.00 | -7.59 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 3.42 | 0.00 | -3.42 | 0.00 0.00 | - | -2.42<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 3.42 | 0.00 | -3.42 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.42 | 0.00 | -3.42 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 1.00 | 3.42 | 0.00 | -2.42 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.42 | 0.00 | -3.42 | 0.00 0.00 | - | -2.42<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 3.42 | 0.00 | -3.42 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.42 | 0.00 | -3.42 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 1.00 | 3.42 | 0.00 | -2.42 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y3 | 0.5 | ◎X＋ | 36.30 | 5.21 | 15.82 | 0.00 | 7.54 | 0.00 0.00 | - | 7.54<br>(-) | | | | | |
| | | | X－ | -36.30 | 0.00 | 15.82 | 0.00 | -52.12 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 15.82 | 0.00 | -15.82 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 1.16 | 15.82 | 0.00 | -14.66 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 36.30 | 5.21 | 15.82 | 0.00 | 7.54 | 0.00 0.00 | - | 7.54<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.73<br>(-)<br><0.73> | OK |
| | | | X－ | -36.30 | 0.00 | 15.82 | 0.00 | -52.12 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 15.82 | 0.00 | -15.82 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 1.16 | 15.82 | 0.00 | -14.66 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y3 | 0.5 | ◎X＋ | 0.00 | 8.68 | 13.16 | 0.00 | -4.48 | 0.00 0.00 | - | -4.48<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.16 | 0.00 | -13.16 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.16 | 0.00 | -13.16 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.58 | 13.16 | 0.00 | -12.58 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 8.68 | 13.16 | 0.00 | -4.48 | 0.00 0.00 | - | -4.48<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.16 | 0.00 | -13.16 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.16 | 0.00 | -13.16 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.58 | 13.16 | 0.00 | -12.58 | 0.00 0.00 | - | | | | | | |
| | Y3 | 0.5 | X＋ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | -11.52<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | -11.52<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.52 | 0.00 | -11.52 | 0.00 0.00 | - | | | | | | |
| | X6<br>Y3 | 0.5 | X＋ | -36.30 | 0.00 | 15.95 | 0.00 | -52.25 | 0.00 0.00 | - | 15.08<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.68<br>(-)<br><0.68> | OK |
| | | | ◎X－ | 36.30 | 12.88 | 15.95 | 0.00 | 15.08 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 15.95 | 0.00 | -52.25 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 36.30 | 0.00 | 15.95 | 0.00 | 2.20 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -36.30 | 0.00 | 15.95 | 0.00 | -52.25 | 0.00 0.00 | - | 15.08<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.68<br>(-)<br><0.68> | OK |
| | | | ◎X－ | 36.30 | 12.88 | 15.95 | 0.00 | 15.08 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 15.95 | 0.00 | -52.25 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 36.30 | 0.00 | 15.95 | 0.00 | 2.20 | 0.00 0.00 | - | | | | | | |
| | X7<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 18.52 | 0.00 | -18.52 | 0.00 0.00 | - | -0.37<br>(-) | | | | | |
| | | | X－ | 0.00 | 1.00 | 18.52 | 0.00 | -17.53 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 18.52 | 0.00 | -54.82 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 18.52 | 0.00 | -0.37 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 18.52 | 0.00 | -18.52 | 0.00 0.00 | - | -0.37<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 1.00 | 18.52 | 0.00 | -17.53 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 18.52 | 0.00 | -54.82 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 18.52 | 0.00 | -0.37 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | -13.70<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | -13.70<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 13.70 | 0.00 | -13.70 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭圧縮[Cμ]<br>柱脚圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>Y3 | 0.5 | X＋ | 0.00 | 0.00 | 34.69 | 0.00 | -34.69 | 0.00 0.00 | - | -33.27<br>(4.01) | | | | | |
| | | | X－ | 0.00 | 0.00 | 34.69 | 0.00 | -34.69 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 0.00 | 34.69 | 0.00 | -34.69 | 0.00 4.01 | 1.00 | | | | | | |
| | | | Y－ | -7.26 | 8.68 | 34.69 | 0.00 | -33.27 | 6.69 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 34.69 | 0.00 | -34.69 | 0.00 0.00 | - | -33.27<br>(5.67) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.68)<br><0.68> | OK |
| | | | X－ | 0.00 | 0.00 | 34.69 | 0.00 | -34.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 34.69 | 0.00 | -34.69 | 6.69 5.35 | 0.00 | | | | | | |
| | | | ◎Y－ | -7.26 | 8.68 | 34.69 | 0.00 | -33.27 | 8.92 4.01 | 0.19 | | | | | | |
| | 又X14<br>又Y3 | 0.5 | ◎X＋ | 14.52 | 0.00 | 1.74 | 0.00 | 5.52 | 0.84 0.00 | 0.00 | 5.52<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.54<br>(-)<br><0.54> | OK |
| | | | X－ | -14.52 | 0.00 | 1.74 | 0.00 | -16.26 | 0.00 0.50 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 14.52 | 0.00 | 1.74 | 0.00 | 5.52 | 0.00 0.50 | 1.00 | 5.52<br>(0.50) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.54<br>(0.06)<br><0.60> | OK |
| | | | X－ | -14.52 | 0.00 | 1.74 | 0.00 | -16.26 | 0.84 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 1.74 | 0.00 | -1.74 | 0.00 0.00 | - | | | | | | |
| | 又X17<br>又Y3 | 0.5 | X＋ | 0.00 | 0.00 | 6.50 | 0.00 | -6.50 | 0.00 0.00 | - | 0.72<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.07<br>(-)<br><0.07> | OK |
| | | | ◎X－ | 0.00 | 7.22 | 6.50 | 0.00 | 0.72 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.50 | 0.00 | -6.50 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.50 | 0.00 | -6.50 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.50 | 0.00 | -6.50 | 0.00 0.00 | - | 0.72<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.07<br>(-)<br><0.07> | OK |
| | | | ◎X－ | 0.00 | 7.22 | 6.50 | 0.00 | 0.72 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.50 | 0.00 | -6.50 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.50 | 0.00 | -6.50 | 0.00 0.00 | - | | | | | | |
| | 又X19<br>又Y3 | 0.8 | X＋ | 12.49 | 0.00 | 4.59 | 0.00 | 5.40 | 0.56 0.00 | 0.00 | 12.71<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.79<br>(-)<br><0.79> | OK |
| | | | X－ | -12.49 | 0.00 | 4.59 | 0.00 | -17.08 | 0.00 0.33 | 1.00 | | | | | | |
| | | | Y＋ | -21.63 | 0.00 | 4.59 | 0.00 | -26.23 | 0.00 1.74 | 1.00 | | | | | | |
| | | | ◎Y－ | 21.63 | 0.00 | 4.59 | 0.00 | 12.71 | 2.90 0.00 | 0.00 | | | | | | |
| | | 0.8 | X＋ | 12.49 | 0.00 | 4.59 | 0.00 | 5.40 | 0.00 0.33 | 1.00 | 12.71<br>(1.74) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.57<br>(0.21)<br><0.78> | OK |
| | | | X－ | -12.49 | 0.00 | 4.59 | 0.00 | -17.08 | 0.56 0.00 | 0.00 | | | | | | |
| | | | Y＋ | -21.63 | 0.00 | 4.59 | 0.00 | -26.23 | 2.90 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 21.63 | 0.00 | 4.59 | 0.00 | 12.71 | 0.00 1.74 | 1.00 | | | | | | |
| | 又X17<br>又Y3 | 0.8 | X＋ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | 9.71<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.60<br>(-)<br><0.60> | OK |
| | | | X－ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -9.44 | 0.00 | 2.89 | 0.00 | -12.33 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 0.00 | 2.89 | 0.00 | 9.71 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | 9.71<br>(2.61) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.60<br>(0.31)<br><0.91> | OK |
| | | | X－ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -9.44 | 0.00 | 2.89 | 0.00 | -12.33 | 4.34 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 15.75 | 0.00 | 2.89 | 0.00 | 9.71 | 0.00 2.61 | 1.00 | | | | | | |
| | 又X17<br>又 | 0.5 | X＋ | -15.75 | 0.00 | 9.90 | 0.00 | -25.65 | 0.00 0.00 | - | -5.13<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 9.44 | 0.00 | 9.90 | 0.00 | -5.18 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 9.90 | 0.00 | -9.90 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 4.77 | 9.90 | 0.00 | -5.13 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -15.75 | 0.00 | 9.90 | 0.00 | -25.65 | 4.63 0.00 | 0.00 | -5.13<br>(2.78) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.33)<br><0.33> | OK |
| | | | ◎X－ | 9.44 | 0.00 | 9.90 | 0.00 | -5.18 | 0.00 2.78 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 9.90 | 0.00 | -9.90 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 4.77 | 9.90 | 0.00 | -5.13 | 0.00 0.00 | - | | | | | | |
| | 又X20<br>又 | 0.8 | X＋ | 0.00 | 0.00 | 9.79 | 0.00 | -9.79 | 0.00 0.00 | - | 7.48<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 9.79 | 0.00 | -9.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -12.56 | 0.00 | 9.79 | 0.00 | -22.35 | 0.00 1.74 | 1.00 | | | | | | |
| | | | ◎Y－ | 12.56 | 7.22 | 9.79 | 0.00 | 7.48 | 2.90 0.00 | 0.00 | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 9.79 | 0.00 | -9.79 | 0.00 0.00 | - | 7.48<br>(1.74) | HDC-25・30(120) | HDC-25・30 | 36.70<br>(7.30) | 0.20<br>(0.24)<br><0.44> | OK |
| | | | X－ | 0.00 | 0.00 | 9.79 | 0.00 | -9.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -12.56 | 0.00 | 9.79 | 0.00 | -22.35 | 2.90 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 12.56 | 7.22 | 9.79 | 0.00 | 7.48 | 0.00 1.74 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X3<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 10.28 | 0.00 | -10.28 | 0.00 0.00 | - | 7.87<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.35<br>(-)<br><0.35> | OK |
| | | | X－ | 0.00 | 0.00 | 10.28 | 0.00 | -10.28 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 10.28 | 0.00 | -46.57 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 10.28 | 0.00 | 7.87 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 10.28 | 0.00 | -10.28 | 0.00 0.00 | - | 7.87<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.35<br>(-)<br><0.35> | OK |
| | | | X－ | 0.00 | 0.00 | 10.28 | 0.00 | -10.28 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -36.30 | 0.00 | 10.28 | 0.00 | -46.57 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 10.28 | 0.00 | 7.87 | 0.00 0.00 | - | | | | | | |
| | 又X17<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | -5.39<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | -5.39<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.39 | 0.00 | -5.39 | 0.00 0.00 | - | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | -40.87 | 0.00 | 10.92 | 0.00 | -51.80 | 0.00 2.43 | 1.00 | 14.02<br>(-) | | | | | |
| | | | ◎X－ | 40.87 | 4.51 | 10.92 | 0.00 | 14.02 | 4.06 0.00 | 0.00 | | | | | | |
| | | | Y＋ | -30.56 | 0.00 | 10.92 | 0.00 | -41.49 | 0.00 2.61 | 1.00 | | | | | | |
| | | | Y－ | 34.19 | 2.17 | 10.92 | 0.00 | 8.34 | 4.34 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -40.87 | 0.00 | 10.92 | 0.00 | -51.80 | 4.06 0.00 | 0.00 | 14.02<br>(2.43) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.63<br>(0.29)<br><0.92> | OK |
| | | | ◎X－ | 40.87 | 4.51 | 10.92 | 0.00 | 14.02 | 0.00 2.43 | 1.00 | | | | | | |
| | | | Y＋ | -30.56 | 0.00 | 10.92 | 0.00 | -41.49 | 5.24 0.00 | 0.00 | | | | | | |
| | | | Y－ | 34.19 | 2.17 | 10.92 | 0.00 | 8.34 | 0.00 3.14 | 1.00 | | | | | | |
| | 又X19<br>又 | 0.5 | ◎X＋ | 15.75 | 0.00 | 11.84 | 0.00 | -3.96 | 0.00 0.00 | - | -3.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -15.75 | 0.00 | 11.84 | 0.00 | -27.60 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.84 | 0.00 | -11.84 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.84 | 0.00 | -11.84 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 15.75 | 0.00 | 11.84 | 0.00 | -3.96 | 0.00 0.00 | - | -3.96<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -15.75 | 0.00 | 11.84 | 0.00 | -27.60 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.84 | 0.00 | -11.84 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.84 | 0.00 | -11.84 | 0.00 0.00 | - | | | | | | |
| | X9 | 0.5 | X＋ | 0.00 | 0.00 | 13.67 | 0.00 | -13.67 | 0.00 0.00 | - | 4.48<br>(1.66) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.44<br>(0.20)<br><0.63> | OK |
| | | | X－ | 0.00 | 0.00 | 13.67 | 0.00 | -13.67 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -29.04 | 0.00 | 13.67 | 0.00 | -42.71 | 0.00 5.35 | 1.00 | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 13.67 | 0.00 | 4.48 | 8.92 0.00 | 0.19 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.67 | 0.00 | -13.67 | 0.00 0.00 | - | 4.48<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.44<br>(-)<br><0.44> | OK |
| | | | X－ | 0.00 | 0.00 | 13.67 | 0.00 | -13.67 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -29.04 | 0.00 | 13.67 | 0.00 | -42.71 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 36.30 | 0.00 | 13.67 | 0.00 | 4.48 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y4 | 0.5 | X＋ | 15.10 | 0.00 | 20.98 | 0.00 | -13.43 | 4.31 0.00 | 0.00 | -7.89<br>(2.59) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.31)<br><0.31> | OK |
| | | | ◎X－ | -9.07 | 0.00 | 20.98 | 0.00 | -30.05 | 0.00 2.59 | 1.00 | | | | | | |
| | | | Y＋ | 8.83 | 8.68 | 20.98 | 0.00 | -7.89 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -14.72 | 0.00 | 20.98 | 0.00 | -35.70 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 15.10 | 0.00 | 20.98 | 0.00 | -13.43 | 0.00 0.00 | - | -7.89<br>(3.53) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.42)<br><0.42> | OK |
| | | | X－ | -9.07 | 0.00 | 20.98 | 0.00 | -30.05 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 8.83 | 8.68 | 20.98 | 0.00 | -7.89 | 0.00 3.53 | 1.00 | | | | | | |
| | | | Y－ | -14.72 | 0.00 | 20.98 | 0.00 | -35.70 | 5.88 0.00 | 0.00 | | | | | | |
| | X1<br>Y4 | 0.5 | X＋ | -4.21 | 0.00 | 3.15 | 0.00 | -7.36 | 0.00 0.00 | - | -3.15<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -9.07 | 0.00 | 3.15 | 0.00 | -12.23 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 0.00 | 3.15 | 0.00 | -3.15 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.15 | 0.00 | -3.15 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | -4.21 | 0.00 | 3.15 | 0.00 | -7.36 | 4.31 4.10 | 0.00 | -3.15<br>(4.10) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.49)<br><0.49> | OK |
| | | | X－ | -9.07 | 0.00 | 3.15 | 0.00 | -12.23 | 6.84 2.59 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.15 | 0.00 | -3.15 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.15 | 0.00 | -3.15 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又<br>Y4 | 0.5 | X＋ | -10.89 | 0.00 | 6.86 | 0.00 | -17.75 | 0.00 4.10 | 1.00 | 2.21 | HDP-20 | HDP-20 | 22.20 | 0.10 | OK |
| | | | ◎X－ | 18.15 | 0.00 | 6.86 | 0.00 | 2.21 | 6.84 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.86 | 0.00 | -6.86 | 0.00 0.00 | - | | | | | <0.10> | |
| | | | Y－ | 0.00 | 0.00 | 6.86 | 0.00 | -6.86 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -10.89 | 0.00 | 6.86 | 0.00 | -17.75 | 0.00 0.00 | - | 2.21 | HDP-20 | HDP-20 | 22.20 | 0.10 | OK |
| | | | ◎X－ | 18.15 | 0.00 | 6.86 | 0.00 | 2.21 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.86 | 0.00 | -6.86 | 0.00 0.00 | - | | | | | <0.10> | |
| | | | Y－ | 0.00 | 0.00 | 6.86 | 0.00 | -6.86 | 0.00 0.00 | - | | | | | | |
| | X3<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 23.84 | 0.00 | -23.84 | 0.00 0.00 | - | -12.07 | | | | | |
| | | | X－ | 0.00 | 0.00 | 23.84 | 0.00 | -23.84 | 0.00 0.00 | - | (3.53) | | | | | |
| | | | Y＋ | 23.55 | 0.00 | 23.84 | 0.00 | -12.07 | 5.88 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | -23.55 | 0.00 | 23.84 | 0.00 | -47.40 | 0.00 3.53 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 23.84 | 0.00 | -23.84 | 0.00 0.00 | - | -12.07 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 23.84 | 0.00 | -23.84 | 0.00 0.00 | - | (3.53) | | | (8.40) | (0.42) | |
| | | | ◎Y＋ | 23.55 | 0.00 | 23.84 | 0.00 | -12.07 | 0.00 3.53 | 1.00 | | | | | <0.42> | |
| | | | Y－ | -23.55 | 0.00 | 23.84 | 0.00 | -47.40 | 5.88 0.00 | 0.00 | | | | | | |
| | X5<br>Y4 | 0.5 | X＋ | 0.00 | 0.00 | 87.46 | 0.00 | -87.46 | 0.00 0.00 | - | -83.23 | | | | | |
| | | | ◎X－ | 0.00 | 4.23 | 87.46 | 0.00 | -83.23 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 3.74 | 87.46 | 0.00 | -83.72 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 87.46 | 0.00 | -87.46 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 87.46 | 0.00 | -87.46 | 0.00 0.00 | - | -83.23 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 4.23 | 87.46 | 0.00 | -83.23 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 3.74 | 87.46 | 0.00 | -83.72 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 87.46 | 0.00 | -87.46 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又Y4 | 0.5 | X＋ | -37.32 | 0.00 | 13.21 | 0.00 | -50.53 | 0.00 1.74 | 1.00 | 15.94 | HDP-15 | HDP-15 | 16.10 | 0.99 | OK |
| | | | ◎X－ | 37.32 | 10.49 | 13.21 | 0.00 | 15.94 | 2.90 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -23.59 | 0.00 | 13.21 | 0.00 | -36.80 | 0.00 0.47 | 1.00 | | | | | <0.99> | |
| | | | Y－ | 23.59 | 3.79 | 13.21 | 0.00 | 2.38 | 0.78 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -37.32 | 0.00 | 13.21 | 0.00 | -50.53 | 2.90 0.00 | 0.00 | 15.94 | HDC-15・20(120) | HDC-15・20 | 27.10 | 0.59 | OK |
| | | | ◎X－ | 37.32 | 10.49 | 13.21 | 0.00 | 15.94 | 0.00 1.74 | 1.00 | (1.74) | | | (7.30) | (0.24) | |
| | | | Y＋ | -23.59 | 0.00 | 13.21 | 0.00 | -36.80 | 0.78 0.00 | 0.00 | | | | | <0.83> | |
| | | | Y－ | 23.59 | 3.79 | 13.21 | 0.00 | 2.38 | 0.00 0.47 | 1.00 | | | | | | |
| | 又X18<br>又Y4 | 0.5 | ◎X＋ | -25.12 | 0.21 | 14.71 | 0.00 | -39.61 | 0.00 2.61 | 1.00 | -2.15 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 25.12 | 0.00 | 14.71 | 0.00 | -2.15 | 4.34 0.00 | 0.00 | (2.61) | | | (8.40) | (0.31) | |
| | | | Y＋ | 0.00 | 0.00 | 14.71 | 0.00 | -14.71 | 0.00 0.00 | - | | | | | <0.31> | |
| | | | Y－ | 0.00 | 0.47 | 14.71 | 0.00 | -14.23 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -25.12 | 0.21 | 14.71 | 0.00 | -39.61 | 4.34 0.00 | 0.00 | -2.15 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 25.12 | 0.00 | 14.71 | 0.00 | -2.15 | 0.00 2.61 | 1.00 | (2.61) | | | (8.40) | (0.31) | |
| | | | Y＋ | 0.00 | 0.00 | 14.71 | 0.00 | -14.71 | 0.00 0.00 | - | | | | | <0.31> | |
| | | | Y－ | 0.00 | 0.47 | 14.71 | 0.00 | -14.23 | 0.00 0.00 | - | | | | | | |
| | 又X9<br>又Y4 | 0.5 | X＋ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | -6.92 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | -6.92 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 6.92 | 0.00 | -6.92 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又Y4 | 0.5 | X＋ | -37.32 | 0.00 | 3.86 | 0.00 | -41.17 | 0.00 1.74 | 1.00 | 16.32 | | | | | |
| | | | ◎X－ | 37.32 | 1.52 | 3.86 | 0.00 | 16.32 | 2.90 0.00 | 0.00 | (-) | | | | | |
| | | | Y＋ | -21.56 | 0.00 | 3.86 | 0.00 | -25.42 | 0.00 0.33 | 1.00 | | | | | | |
| | | | Y－ | 21.56 | 0.55 | 3.86 | 0.00 | 7.47 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -37.32 | 0.00 | 3.86 | 0.00 | -41.17 | 2.90 0.00 | 0.00 | 16.32 | HDP-20 | HDP-20 | 22.20 | 0.74 | OK |
| | | | ◎X－ | 37.32 | 1.52 | 3.86 | 0.00 | 16.32 | 0.00 1.74 | 1.00 | (1.74) | | | (8.40) | (0.21) | |
| | | | Y＋ | -21.56 | 0.00 | 3.86 | 0.00 | -25.42 | 0.56 0.00 | 0.00 | | | | | <0.94> | |
| | | | Y－ | 21.56 | 0.55 | 3.86 | 0.00 | 7.47 | 0.00 0.33 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X21<br>又Y4 | 0.5 | X＋ | 9.07 | 0.00 | 9.43 | 0.00 | -2.17 | 0.00 0.00 | - | -1.55 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | -9.07 | 0.00 | 9.43 | 0.00 | -18.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 15.75 | 0.00 | 9.43 | 0.00 | -1.55 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -15.75 | 0.00 | 9.43 | 0.00 | -25.19 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 9.07 | 0.00 | 9.43 | 0.00 | -2.17 | 0.00 0.00 | - | -1.55 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | -9.07 | 0.00 | 9.43 | 0.00 | -18.51 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 15.75 | 0.00 | 9.43 | 0.00 | -1.55 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -15.75 | 0.00 | 9.43 | 0.00 | -25.19 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又Y4 | 0.5 | ◎X＋ | -25.12 | 7.69 | 22.56 | 0.00 | -40.00 | 0.00 2.61 | 1.00 | -9.08 | | | | | |
| | | | X－ | 25.12 | 0.00 | 22.56 | 0.00 | -10.00 | 4.34 0.00 | 0.00 | (2.61) | | | | | |
| | | | Y＋ | -14.52 | 0.00 | 22.56 | 0.00 | -37.08 | 0.00 0.50 | 1.00 | | | | | | |
| | | | Y－ | 14.52 | 6.22 | 22.56 | 0.00 | -9.08 | 0.84 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -25.12 | 7.69 | 22.56 | 0.00 | -40.00 | 4.34 0.00 | 0.00 | -9.08 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 25.12 | 0.00 | 22.56 | 0.00 | -10.00 | 0.00 2.61 | 1.00 | (2.61) | | | (8.40) | (0.31) | |
| | | | Y＋ | -14.52 | 0.00 | 22.56 | 0.00 | -37.08 | 0.84 0.00 | 0.00 | | | | | <0.31> | |
| | | | Y－ | 14.52 | 6.22 | 22.56 | 0.00 | -9.08 | 0.00 0.50 | 1.00 | | | | | | |
| | 又X12<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 16.21 | 0.00 | -16.21 | 0.00 0.00 | - | 1.16 | HDP-15 | HDP-15 | 16.10 | 0.07 | OK |
| | | | X－ | 0.00 | 0.00 | 16.21 | 0.00 | -16.21 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -21.56 | 0.00 | 16.21 | 0.00 | -37.77 | 0.00 0.33 | 1.00 | | | | | <0.07> | |
| | | | ◎Y－ | 21.56 | 6.59 | 16.21 | 0.00 | 1.16 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 16.21 | 0.00 | -16.21 | 0.00 0.00 | - | 1.16 | HDP-20 | HDP-20 | 22.20 | 0.05 | OK |
| | | | X－ | 0.00 | 0.00 | 16.21 | 0.00 | -16.21 | 0.00 0.00 | - | (0.33) | | | (8.40) | (0.04) | |
| | | | Y＋ | -21.56 | 0.00 | 16.21 | 0.00 | -37.77 | 0.56 0.00 | 0.00 | | | | | <0.09> | |
| | | | ◎Y－ | 21.56 | 6.59 | 16.21 | 0.00 | 1.16 | 0.00 0.33 | 1.00 | | | | | | |
| | X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 28.57 | 0.00 | -28.57 | 0.00 0.00 | - | -19.49 | | | | | |
| | | | X－ | 0.00 | 0.00 | 28.57 | 0.00 | -28.57 | 0.00 0.00 | - | (-) | | | | | |
| | | | ◎Y＋ | 18.15 | 0.00 | 28.57 | 0.00 | -19.49 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 28.57 | 0.00 | -46.72 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 28.57 | 0.00 | -28.57 | 0.00 0.00 | - | -19.49 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 28.57 | 0.00 | -28.57 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 18.15 | 0.00 | 28.57 | 0.00 | -19.49 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | -18.15 | 0.00 | 28.57 | 0.00 | -46.72 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 10.91 | 0.00 | -10.91 | 0.00 0.00 | - | -2.23 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 10.91 | 0.00 | -10.91 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 8.68 | 10.91 | 0.00 | -2.23 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 10.91 | 0.00 | -10.91 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 10.91 | 0.00 | -10.91 | 0.00 0.00 | - | -2.23 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 10.91 | 0.00 | -10.91 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 8.68 | 10.91 | 0.00 | -2.23 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 10.91 | 0.00 | -10.91 | 0.00 0.00 | - | | | | | | |
| | X8<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | 15.43 | HDP-15 | HDP-15 | 16.10 | 0.96 | OK |
| | | | X－ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 18.15 | 17.35 | 11.00 | 0.00 | 15.43 | 0.00 0.00 | - | | | | | <0.96> | |
| | | | Y－ | -18.15 | 0.00 | 11.00 | 0.00 | -29.15 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | 15.43 | HDP-15 | HDP-15 | 16.10 | 0.96 | OK |
| | | | X－ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 18.15 | 17.35 | 11.00 | 0.00 | 15.43 | 0.00 0.00 | - | | | | | <0.96> | |
| | | | Y－ | -18.15 | 0.00 | 11.00 | 0.00 | -29.15 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 12.68 | 0.00 | -12.68 | 0.00 0.00 | - | -4.01 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 12.68 | 0.00 | -12.68 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 8.68 | 12.68 | 0.00 | -4.01 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 12.68 | 0.00 | -12.68 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 12.68 | 0.00 | -12.68 | 0.00 0.00 | - | -4.01 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 12.68 | 0.00 | -12.68 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 0.00 | 8.68 | 12.68 | 0.00 | -4.01 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 12.68 | 0.00 | -12.68 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X0<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 15.92 | 0.00 | -15.92 | 0.00 0.00 | - | -12.98<br>(4.50) | | | | | |
| | | | X－ | 0.00 | 0.00 | 15.92 | 0.00 | -15.92 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 5.89 | 0.00 | 15.92 | 0.00 | -12.98 | 7.50 3.53 | 0.03 | | | | | | |
| | | | ◎Y－ | 5.89 | 0.00 | 15.92 | 0.00 | -12.98 | 5.88 4.50 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 15.92 | 0.00 | -15.92 | 0.00 0.00 | - | -12.98<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 15.92 | 0.00 | -15.92 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 5.89 | 0.00 | 15.92 | 0.00 | -12.98 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 5.89 | 0.00 | 15.92 | 0.00 | -12.98 | 0.00 0.00 | - | | | | | | |
| | 又X1<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | -5.12<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | -5.12<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.12 | 0.00 | -5.12 | 0.00 0.00 | - | | | | | | |
| | 又<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | -2.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | -2.77<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.77 | 0.00 | -2.77 | 0.00 0.00 | - | | | | | | |
| | X2<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 5.89 | 0.00 | -5.89 | 0.00 0.00 | - | 5.41<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.52<br>(-)<br><0.52> | OK |
| | | | X－ | 0.00 | 0.00 | 5.89 | 0.00 | -5.89 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 11.29 | 5.89 | 0.00 | 5.41 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.89 | 0.00 | -5.89 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 5.89 | 0.00 | -5.89 | 0.00 0.00 | - | 5.41<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.52<br>(-)<br><0.52> | OK |
| | | | X－ | 0.00 | 0.00 | 5.89 | 0.00 | -5.89 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 11.29 | 5.89 | 0.00 | 5.41 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 5.89 | 0.00 | -5.89 | 0.00 0.00 | - | | | | | | |
| | X3<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 68.39 | 0.00 | -68.39 | 0.00 0.00 | - | -52.86<br>(3.53) | | | | | |
| | | | X－ | 0.00 | 2.59 | 68.39 | 0.00 | -65.80 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -23.55 | 0.00 | 68.39 | 0.00 | -91.94 | 0.00 3.53 | 1.00 | | | | | | |
| | | | Y－ | 23.55 | 3.75 | 68.39 | 0.00 | -52.86 | 5.88 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 68.39 | 0.00 | -68.39 | 0.00 0.00 | - | -52.86<br>(3.53) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.42)<br><0.42> | OK |
| | | | X－ | 0.00 | 2.59 | 68.39 | 0.00 | -65.80 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -23.55 | 0.00 | 68.39 | 0.00 | -91.94 | 5.88 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 23.55 | 3.75 | 68.39 | 0.00 | -52.86 | 0.00 3.53 | 1.00 | | | | | | |
| | 又X10<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | -11.17<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | -11.17<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.17 | 0.00 | -11.17 | 0.00 0.00 | - | | | | | | |
| | 又X21<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | -2.89<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | -2.89<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.89 | 0.00 | -2.89 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X15<br>又 | 0.5 | ◎X＋ | -25.12 | 0.21 | 21.03 | 0.00 | -45.93 | 0.00 4.34 | 1.00 | -8.47 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | 25.12 | 0.00 | 21.03 | 0.00 | -8.47 | 7.24 0.00 | 0.25 | (4.34) | | | (8.40) | (0.52) | |
| | | | Y＋ | -14.52 | 0.00 | 21.03 | 0.00 | -35.55 | 0.00 0.50 | 1.00 | | | | | <0.52> | |
| | | | Y－ | 14.52 | 0.47 | 21.03 | 0.00 | -13.29 | 0.84 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -25.12 | 0.21 | 21.03 | 0.00 | -45.93 | 7.24 0.00 | 0.25 | -8.47 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 25.12 | 0.00 | 21.03 | 0.00 | -8.47 | 0.00 4.34 | 1.00 | (4.34) | | | (8.40) | (0.52) | |
| | | | Y＋ | -14.52 | 0.00 | 21.03 | 0.00 | -35.55 | 0.84 0.00 | 0.00 | | | | | <0.52> | |
| | | | Y－ | 14.52 | 0.47 | 21.03 | 0.00 | -13.29 | 0.00 0.50 | 1.00 | | | | | | |
| | 又X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | -1.91 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | -1.91 | HDP-20 | HDP-20 | 22.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.91 | 0.00 | -1.91 | 0.00 0.00 | - | | | | | | |
| | X8<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.73 | 0.00 | -3.73 | 0.00 0.00 | - | 1.42 | HDP-10 | HDP-10 | 10.30 | 0.14 | OK |
| | | | X－ | 0.00 | 0.00 | 3.73 | 0.00 | -3.73 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.73 | 0.00 | -3.73 | 0.00 0.00 | - | | | | | <0.14> | |
| | | | ◎Y－ | 0.00 | 5.15 | 3.73 | 0.00 | 1.42 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.73 | 0.00 | -3.73 | 0.00 0.00 | - | 1.42 | HDP-10 | HDP-10 | 10.30 | 0.14 | OK |
| | | | X－ | 0.00 | 0.00 | 3.73 | 0.00 | -3.73 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.73 | 0.00 | -3.73 | 0.00 0.00 | - | | | | | <0.14> | |
| | | | ◎Y－ | 0.00 | 5.15 | 3.73 | 0.00 | 1.42 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.5 | X＋ | -25.12 | 0.00 | 12.77 | 0.00 | -37.89 | 0.00 2.61 | 1.00 | 6.57 | HDP-15 | HDP-15 | 16.10 | 0.41 | OK |
| | | | ◎X－ | 25.12 | 6.79 | 12.77 | 0.00 | 6.57 | 4.34 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 3.56 | 12.77 | 0.00 | -9.21 | 0.00 0.00 | - | | | | | <0.41> | |
| | | | Y－ | 0.00 | 0.00 | 12.77 | 0.00 | -12.77 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -25.12 | 0.00 | 12.77 | 0.00 | -37.89 | 4.34 0.00 | 0.00 | 6.57 | HDP-20 | HDP-20 | 22.20 | 0.30 | OK |
| | | | ◎X－ | 25.12 | 6.79 | 12.77 | 0.00 | 6.57 | 0.00 2.61 | 1.00 | (2.61) | | | (8.40) | (0.31) | |
| | | | Y＋ | 0.00 | 3.56 | 12.77 | 0.00 | -9.21 | 0.00 0.00 | - | | | | | <0.61> | |
| | | | Y－ | 0.00 | 0.00 | 12.77 | 0.00 | -12.77 | 0.00 0.00 | - | | | | | | |
| | 又X22<br>又 | 0.8 | X＋ | -9.07 | 2.58 | 8.13 | 0.00 | -14.62 | 0.00 0.00 | - | 4.47 | HDP-15 | HDP-15 | 16.10 | 0.28 | OK |
| | | | X－ | 9.07 | 0.00 | 8.13 | 0.00 | -3.59 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.75 | 0.00 | 8.13 | 0.00 | -23.88 | 0.00 0.00 | - | | | | | <0.28> | |
| | | | ◎Y－ | 15.75 | 0.00 | 8.13 | 0.00 | 4.47 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -9.07 | 2.58 | 8.13 | 0.00 | -14.62 | 0.00 0.00 | - | 4.47 | HDP-15 | HDP-15 | 16.10 | 0.28 | OK |
| | | | X－ | 9.07 | 0.00 | 8.13 | 0.00 | -3.59 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -15.75 | 0.00 | 8.13 | 0.00 | -23.88 | 0.00 0.00 | - | | | | | <0.28> | |
| | | | ◎Y－ | 15.75 | 0.00 | 8.13 | 0.00 | 4.47 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 17.96 | 0.00 | -17.96 | 0.00 0.00 | - | -10.70 | | | | | |
| | | | X－ | 0.00 | 3.19 | 17.96 | 0.00 | -14.77 | 0.00 0.00 | - | (0.84) | | | | | |
| | | | ◎Y＋ | -14.52 | 0.00 | 17.96 | 0.00 | -32.48 | 0.00 0.84 | 1.00 | | | | | | |
| | | | Y－ | 14.52 | 0.00 | 17.96 | 0.00 | -10.70 | 1.39 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 17.96 | 0.00 | -17.96 | 0.00 0.00 | - | -10.70 | | | | | |
| | | | X－ | 0.00 | 3.19 | 17.96 | 0.00 | -14.77 | 0.00 0.00 | - | (0.84) | | | | | |
| | | | Y＋ | -14.52 | 0.00 | 17.96 | 0.00 | -32.48 | 1.39 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 14.52 | 0.00 | 17.96 | 0.00 | -10.70 | 0.00 0.84 | 1.00 | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 0.00 | 10.15 | 0.00 | -10.15 | 0.00 0.00 | - | -9.70 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 10.15 | 0.00 | -10.15 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -5.45 | 0.00 | 10.15 | 0.00 | -15.60 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | -6.61 | 7.06 | 10.15 | 0.00 | -9.70 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 10.15 | 0.00 | -10.15 | 0.00 0.00 | - | -9.70 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 10.15 | 0.00 | -10.15 | 0.00 0.00 | - | (4.50) | | | (8.40) | (0.54) | |
| | | | Y＋ | -5.45 | 0.00 | 10.15 | 0.00 | -15.60 | 7.50 2.68 | 0.03 | | | | | <0.54> | |
| | | | ◎Y－ | -6.61 | 7.06 | 10.15 | 0.00 | -9.70 | 4.46 4.50 | 0.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の Vs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張 耐力 (せん断) | 検定値 (せん断) <計> | 柱頭 判定<br>柱脚 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X1 | 0.5 | X＋ | 0.00 | 0.00 | 7.63 | 0.00 | -7.63 | 0.00 0.00 | - | -4.54 | HMP-140(50/90) | HMP-140 | 12.40 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 7.63 | 0.00 | -7.63 | 0.00 0.00 | - | (-) | | | (7.80) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.63 | 0.00 | -7.63 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 0.00 | 3.09 | 7.63 | 0.00 | -4.54 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.63 | 0.00 | -7.63 | 0.00 0.00 | - | -4.54 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 7.63 | 0.00 | -7.63 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.63 | 0.00 | -7.63 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 0.00 | 3.09 | 7.63 | 0.00 | -4.54 | 0.00 0.00 | - | | | | | | |
| | 又X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.35 | 0.00 | -3.35 | 0.00 0.00 | - | 3.91 | | | | | |
| | | | X－ | 0.00 | 0.74 | 3.35 | 0.00 | -2.60 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -14.52 | 0.43 | 3.35 | 0.00 | -17.44 | 0.00 0.50 | 1.00 | | | | | | |
| | | | ◎Y－ | 14.52 | 0.00 | 3.35 | 0.00 | 3.91 | 0.84 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.35 | 0.00 | -3.35 | 0.00 0.00 | - | 3.91 | HDP-10 | HDP-10 | 10.30 | 0.38 | OK |
| | | | X－ | 0.00 | 0.74 | 3.35 | 0.00 | -2.60 | 0.00 0.00 | - | (0.50) | | | (8.40) | (0.06) | |
| | | | Y＋ | -14.52 | 0.43 | 3.35 | 0.00 | -17.44 | 0.84 0.00 | 0.00 | | | | | <0.44> | |
| | | | ◎Y－ | 14.52 | 0.00 | 3.35 | 0.00 | 3.91 | 0.00 0.50 | 1.00 | | | | | | |
| | X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | -1.93 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -18.15 | 0.00 | 11.00 | 0.00 | -29.15 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 18.15 | 0.00 | 11.00 | 0.00 | -1.93 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | -1.93 | HDP-15 | HDP-15 | 16.10 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 11.00 | 0.00 | -11.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -18.15 | 0.00 | 11.00 | 0.00 | -29.15 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 18.15 | 0.00 | 11.00 | 0.00 | -1.93 | 0.00 0.00 | - | | | | | | |
| | 又X7<br>又 | 0.5 | ◎X＋ | 36.30 | 0.00 | 9.07 | 0.00 | 9.08 | 0.00 0.00 | - | 9.08 | HDP-15 | HDP-15 | 16.10 | 0.56 | OK |
| | | | X－ | -36.30 | 0.00 | 9.07 | 0.00 | -45.37 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 9.07 | 0.00 | -9.07 | 0.00 0.00 | - | | | | | <0.56> | |
| | | | Y－ | 0.00 | 8.68 | 9.07 | 0.00 | -0.40 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 36.30 | 0.00 | 9.07 | 0.00 | 9.08 | 0.00 0.00 | - | 9.08 | HDP-15 | HDP-15 | 16.10 | 0.56 | OK |
| | | | X－ | -36.30 | 0.00 | 9.07 | 0.00 | -45.37 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 9.07 | 0.00 | -9.07 | 0.00 0.00 | - | | | | | <0.56> | |
| | | | Y－ | 0.00 | 8.68 | 9.07 | 0.00 | -0.40 | 0.00 0.00 | - | | | | | | |
| | X8<br>又 | 0.5 | X＋ | -18.15 | 0.00 | 8.73 | 0.00 | -26.88 | 0.00 0.00 | - | 12.55 | HDP-15 | HDP-15 | 16.10 | 0.78 | OK |
| | | | X－ | 18.15 | 0.00 | 8.73 | 0.00 | 0.34 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -18.15 | 0.00 | 8.73 | 0.00 | -26.88 | 0.00 0.00 | - | | | | | <0.78> | |
| | | | ◎Y－ | 18.15 | 12.20 | 8.73 | 0.00 | 12.55 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -18.15 | 0.00 | 8.73 | 0.00 | -26.88 | 0.00 0.00 | - | 12.55 | HDP-15 | HDP-15 | 16.10 | 0.78 | OK |
| | | | X－ | 18.15 | 0.00 | 8.73 | 0.00 | 0.34 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -18.15 | 0.00 | 8.73 | 0.00 | -26.88 | 0.00 0.00 | - | | | | | <0.78> | |
| | | | ◎Y－ | 18.15 | 12.20 | 8.73 | 0.00 | 12.55 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | -18.15 | 7.53 | 12.13 | 0.00 | -22.75 | 0.00 0.00 | - | 0.88 | HDP-10 | HDP-10 | 10.30 | 0.09 | OK |
| | | | X－ | 18.15 | 0.00 | 12.13 | 0.00 | -3.06 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 12.13 | 0.00 | -12.13 | 0.00 0.00 | - | | | | | <0.09> | |
| | | | ◎Y－ | 0.00 | 13.01 | 12.13 | 0.00 | 0.88 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -18.15 | 7.53 | 12.13 | 0.00 | -22.75 | 0.00 0.00 | - | 0.88 | HDP-10 | HDP-10 | 10.30 | 0.09 | OK |
| | | | X－ | 18.15 | 0.00 | 12.13 | 0.00 | -3.06 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 12.13 | 0.00 | -12.13 | 0.00 0.00 | - | | | | | <0.09> | |
| | | | ◎Y－ | 0.00 | 13.01 | 12.13 | 0.00 | 0.88 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | -1.42 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | -1.42 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.42 | 0.00 | -1.42 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮[Cμ]<br>柱脚 圧縮[Cμ] | Vτ(柱頭QN)<br>Vτ(柱脚QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力(せん断) | 検定値(せん断)<br><計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X12 | 0.5 | X＋ | 0.00 | 0.00 | 7.67 | 0.00 | -7.67 | 0.00 0.00 | - | -2.47 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | 又 | | ◎X－ | 0.00 | 5.20 | 7.67 | 0.00 | -2.47 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.67 | 0.00 | -7.67 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 3.00 | 7.67 | 0.00 | -4.67 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.67 | 0.00 | -7.67 | 0.00 0.00 | - | -2.47 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 5.20 | 7.67 | 0.00 | -2.47 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 7.67 | 0.00 | -7.67 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 3.00 | 7.67 | 0.00 | -4.67 | 0.00 0.00 | - | | | | | | |
| | 又 | 0.5 | X＋ | 0.00 | 0.00 | 8.41 | 0.00 | -8.41 | 0.00 0.00 | - | 2.41 | | | | | |
| | 又 | | X－ | 0.00 | 10.15 | 8.41 | 0.00 | 1.73 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.41 | 0.00 | -8.41 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 10.83 | 8.41 | 0.00 | 2.41 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 8.41 | 0.00 | -8.41 | 0.00 0.00 | - | 2.41 | HDC-15・20(120) | HDC-15・20 | 27.10 | 0.09 | OK |
| | | | X－ | 0.00 | 10.15 | 8.41 | 0.00 | 1.73 | 0.00 0.00 | - | (-) | | | (7.30) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.41 | 0.00 | -8.41 | 0.00 0.00 | - | | | | | <0.09> | |
| | | | ◎Y－ | 0.00 | 10.83 | 8.41 | 0.00 | 2.41 | 0.00 0.00 | - | | | | | | |
| | 又X13 | 0.5 | X＋ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | -2.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | 又 | | ◎X－ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | -2.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.46 | 0.00 | -2.46 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 10.16 | 13.26 | 0.00 | -3.10 | 0.00 0.00 | - | 0.06 | | | | | |
| | Y5 | | X－ | 0.00 | 0.00 | 13.26 | 0.00 | -13.26 | 0.00 0.00 | - | (4.33) | | | | | |
| | | | ◎Y＋ | 26.65 | 0.00 | 13.26 | 0.00 | 0.06 | 8.92 2.68 | 0.19 | | | | | | |
| | | | Y－ | -13.29 | 0.00 | 13.26 | 0.00 | -26.55 | 4.46 5.35 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 10.16 | 13.26 | 0.00 | -3.10 | 0.00 0.00 | - | 0.06 | HDP-10 | HDP-10 | 10.30 | 0.01 | OK |
| | | | X－ | 0.00 | 0.00 | 13.26 | 0.00 | -13.26 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | ◎Y＋ | 26.65 | 0.00 | 13.26 | 0.00 | 0.06 | 0.00 0.00 | - | | | | | <0.01> | |
| | | | Y－ | -13.29 | 0.00 | 13.26 | 0.00 | -26.55 | 0.00 0.00 | - | | | | | | |
| | X1 | 0.5 | X＋ | 0.00 | 0.00 | 13.48 | 0.00 | -13.48 | 0.00 0.00 | - | -12.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | Y5 | | ◎X－ | 0.00 | 1.02 | 13.48 | 0.00 | -12.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 13.48 | 0.00 | -13.48 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 13.48 | 0.00 | -13.48 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.48 | 0.00 | -13.48 | 0.00 0.00 | - | -12.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 1.02 | 13.48 | 0.00 | -12.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 13.48 | 0.00 | -13.48 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 13.48 | 0.00 | -13.48 | 0.00 0.00 | - | | | | | | |
| | 又X21 | 0.5 | X＋ | -21.63 | 0.00 | 12.71 | 0.00 | -34.34 | 0.00 1.74 | 1.00 | 1.88 | HDP-10 | HDP-10 | 10.30 | 0.18 | OK |
| | 又Y5 | | ◎X－ | 21.63 | 3.77 | 12.71 | 0.00 | 1.88 | 2.90 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 12.71 | 0.00 | -12.71 | 0.00 0.00 | - | | | | | <0.18> | |
| | | | Y－ | 0.00 | 1.30 | 12.71 | 0.00 | -11.41 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -21.63 | 0.00 | 12.71 | 0.00 | -34.34 | 2.90 0.00 | 0.00 | 1.88 | HDP-10 | HDP-10 | 10.30 | 0.18 | OK |
| | | | ◎X－ | 21.63 | 3.77 | 12.71 | 0.00 | 1.88 | 0.00 1.74 | 1.00 | (1.74) | | | (8.40) | (0.21) | |
| | | | Y＋ | 0.00 | 0.00 | 12.71 | 0.00 | -12.71 | 0.00 0.00 | - | | | | | <0.39> | |
| | | | Y－ | 0.00 | 1.30 | 12.71 | 0.00 | -11.41 | 0.00 0.00 | - | | | | | | |
| | 又X14 | 0.5 | X＋ | 0.00 | 4.34 | 6.25 | 0.00 | -1.91 | 0.00 0.00 | - | 1.28 | HDP-10 | HDP-10 | 10.30 | 0.12 | OK |
| | 又Y5 | | X－ | 0.00 | 0.00 | 6.25 | 0.00 | -6.25 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.25 | 0.00 | -6.25 | 0.00 0.00 | - | | | | | <0.12> | |
| | | | ◎Y－ | 0.00 | 7.53 | 6.25 | 0.00 | 1.28 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 4.34 | 6.25 | 0.00 | -1.91 | 0.00 0.00 | - | 1.28 | HDP-10 | HDP-10 | 10.30 | 0.12 | OK |
| | | | X－ | 0.00 | 0.00 | 6.25 | 0.00 | -6.25 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 6.25 | 0.00 | -6.25 | 0.00 0.00 | - | | | | | <0.12> | |
| | | | ◎Y－ | 0.00 | 7.53 | 6.25 | 0.00 | 1.28 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X10<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 11.86 | 0.00 | -11.86 | 0.00 0.00 | - | -9.53<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 2.33 | 11.86 | 0.00 | -9.53 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 1.85 | 11.86 | 0.00 | -10.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.86 | 0.00 | -11.86 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 11.86 | 0.00 | -11.86 | 0.00 0.00 | - | -9.53<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 2.33 | 11.86 | 0.00 | -9.53 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 1.85 | 11.86 | 0.00 | -10.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 11.86 | 0.00 | -11.86 | 0.00 0.00 | - | | | | | | |
| | X7<br>又Y5 | 0.5 | X＋ | 29.04 | 0.00 | 18.08 | 0.00 | -3.56 | 5.59 0.00 | 0.00 | -3.56<br>(3.35) | | | | | |
| | | | ◎X－ | -29.04 | 0.00 | 18.08 | 0.00 | -47.12 | 0.00 3.35 | 1.00 | | | | | | |
| | | | Y＋ | 18.15 | 0.00 | 18.08 | 0.00 | -9.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 18.08 | 0.00 | -36.23 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 29.04 | 0.00 | 18.08 | 0.00 | -3.56 | 0.00 3.35 | 1.00 | -3.56<br>(3.35) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.40)<br><0.40> | OK |
| | | | X－ | -29.04 | 0.00 | 18.08 | 0.00 | -47.12 | 5.59 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 18.15 | 0.00 | 18.08 | 0.00 | -9.01 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 18.08 | 0.00 | -36.23 | 0.00 0.00 | - | | | | | | |
| | 又<br>又Y5 | 0.5 | X＋ | -29.04 | 0.00 | 8.93 | 0.00 | -37.96 | 0.00 3.35 | 1.00 | 5.59<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.35<br>(-)<br><0.35> | OK |
| | | | ◎X－ | 29.04 | 0.00 | 8.93 | 0.00 | 5.59 | 5.59 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.93 | 0.00 | -8.93 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.93 | 0.00 | -8.93 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -29.04 | 0.00 | 8.93 | 0.00 | -37.96 | 5.59 0.00 | 0.00 | 5.59<br>(3.35) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.35<br>(0.40)<br><0.75> | OK |
| | | | ◎X－ | 29.04 | 0.00 | 8.93 | 0.00 | 5.59 | 0.00 3.35 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.93 | 0.00 | -8.93 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.93 | 0.00 | -8.93 | 0.00 0.00 | - | | | | | | |
| | X9<br>又Y5 | 0.5 | X＋ | 0.00 | 0.00 | 18.78 | 0.00 | -18.78 | 0.00 0.00 | - | -13.34<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 18.78 | 0.00 | -18.78 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 10.89 | 0.00 | 18.78 | 0.00 | -13.34 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 18.78 | 0.00 | -36.93 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 18.78 | 0.00 | -18.78 | 0.00 0.00 | - | -13.34<br>(4.01) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.48)<br><0.48> | OK |
| | | | X－ | 0.00 | 0.00 | 18.78 | 0.00 | -18.78 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 10.89 | 0.00 | 18.78 | 0.00 | -13.34 | 0.00 4.01 | 1.00 | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 18.78 | 0.00 | -36.93 | 6.69 0.00 | 0.00 | | | | | | |
| | 又X20<br>又Y5 | 0.5 | X＋ | -21.63 | 0.00 | 10.50 | 0.00 | -32.13 | 0.00 1.74 | 1.00 | 4.09<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.40<br>(-)<br><0.40> | OK |
| | | | ◎X－ | 21.63 | 3.77 | 10.50 | 0.00 | 4.09 | 2.90 0.00 | 0.00 | | | | | | |
| | | | Y＋ | -12.49 | 0.00 | 10.50 | 0.00 | -22.98 | 0.00 0.33 | 1.00 | | | | | | |
| | | | Y－ | 12.49 | 1.30 | 10.50 | 0.00 | -2.95 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -21.63 | 0.00 | 10.50 | 0.00 | -32.13 | 2.90 0.00 | 0.00 | 4.09<br>(1.74) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.40<br>(0.21)<br><0.60> | OK |
| | | | ◎X－ | 21.63 | 3.77 | 10.50 | 0.00 | 4.09 | 0.00 1.74 | 1.00 | | | | | | |
| | | | Y＋ | -12.49 | 0.00 | 10.50 | 0.00 | -22.98 | 0.56 0.00 | 0.00 | | | | | | |
| | | | Y－ | 12.49 | 1.30 | 10.50 | 0.00 | -2.95 | 0.00 0.33 | 1.00 | | | | | | |
| | 又X12<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 4.21 | 0.00 | -4.21 | 0.00 0.00 | - | 0.33<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 4.21 | 0.00 | -4.21 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 9.07 | 0.00 | 4.21 | 0.00 | 0.33 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -9.07 | 0.00 | 4.21 | 0.00 | -13.29 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.21 | 0.00 | -4.21 | 0.00 0.00 | - | 0.33<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.03<br>(-)<br><0.03> | OK |
| | | | X－ | 0.00 | 0.00 | 4.21 | 0.00 | -4.21 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 9.07 | 0.00 | 4.21 | 0.00 | 0.33 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -9.07 | 0.00 | 4.21 | 0.00 | -13.29 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | -2.25<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | -2.25<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 2.25 | 0.00 | -2.25 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X19<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 21.00 | 0.00 | -21.00 | 0.00 0.00 | - | -0.97<br>(0.33) | | | | | |
| | | | X－ | 0.00 | 0.00 | 21.00 | 0.00 | -21.00 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -12.49 | 0.00 | 21.00 | 0.00 | -33.49 | 0.00 0.33 | 1.00 | | | | | | |
| | | | Y－ | 12.49 | 13.78 | 21.00 | 0.00 | -0.97 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 21.00 | 0.00 | -21.00 | 0.00 0.00 | - | -0.97<br>(0.33) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.04)<br><0.04> | OK |
| | | | X－ | 0.00 | 0.00 | 21.00 | 0.00 | -21.00 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -12.49 | 0.00 | 21.00 | 0.00 | -33.49 | 0.56 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 12.49 | 13.78 | 21.00 | 0.00 | -0.97 | 0.00 0.33 | 1.00 | | | | | | |
| | 又X15<br>又 | 0.5 | X＋ | 9.07 | 6.21 | 15.61 | 0.00 | -4.86 | 0.00 0.00 | - | -4.83<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -9.07 | 0.00 | 15.61 | 0.00 | -24.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 15.61 | 0.00 | -15.61 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 10.79 | 15.61 | 0.00 | -4.83 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 9.07 | 6.21 | 15.61 | 0.00 | -4.86 | 0.00 0.00 | - | -4.83<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -9.07 | 0.00 | 15.61 | 0.00 | -24.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 15.61 | 0.00 | -15.61 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 10.79 | 15.61 | 0.00 | -4.83 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | -3.68<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | -3.68<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.68 | 0.00 | -3.68 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 0.00 | 13.00 | 0.00 | -13.00 | 0.00 0.00 | - | -6.36<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.00 | 0.00 | -13.00 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -26.65 | 14.11 | 13.00 | 0.00 | -25.54 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 13.29 | 0.00 | 13.00 | 0.00 | -6.36 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.00 | 0.00 | -13.00 | 0.00 0.00 | - | -6.36<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.64)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 13.00 | 0.00 | -13.00 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -26.65 | 14.11 | 13.00 | 0.00 | -25.54 | 8.92 2.68 | 0.19 | | | | | | |
| | | | ◎Y－ | 13.29 | 0.00 | 13.00 | 0.00 | -6.36 | 4.46 5.35 | 0.00 | | | | | | |
| | X1 | 0.5 | X＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | -6.32<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | -6.32<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.5 | ◎X＋ | 24.83 | 0.00 | 10.20 | 0.00 | 2.22 | 0.00 0.00 | - | 2.22<br>(-) | | | | | |
| | | | X－ | -24.83 | 4.34 | 10.20 | 0.00 | -30.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 10.20 | 0.00 | -10.20 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 10.20 | 0.00 | -10.20 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 24.83 | 0.00 | 10.20 | 0.00 | 2.22 | 0.00 0.00 | - | 2.22<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.22<br>(-)<br><0.22> | OK |
| | | | X－ | -24.83 | 4.34 | 10.20 | 0.00 | -30.69 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 10.20 | 0.00 | -10.20 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 10.20 | 0.00 | -10.20 | 0.00 0.00 | - | | | | | | |
| | X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 7.94 | 0.00 | -7.94 | 0.00 0.00 | - | -4.53<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 7.94 | 0.00 | -7.94 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 6.82 | 0.00 | 7.94 | 0.00 | -4.53 | 4.46 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | -6.82 | 0.00 | 7.94 | 0.00 | -14.76 | 0.00 2.68 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.94 | 0.00 | -7.94 | 0.00 0.00 | - | -4.53<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 7.94 | 0.00 | -7.94 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 6.82 | 0.00 | 7.94 | 0.00 | -4.53 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | -6.82 | 0.00 | 7.94 | 0.00 | -14.76 | 4.46 0.00 | 0.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 8.36 | 0.00 | -8.36 | 0.00 0.00 | - | 4.35<br>(4.01) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.20<br>(0.48)<br><0.67> | OK |
| | | | X－ | 0.00 | 0.00 | 8.36 | 0.00 | -8.36 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 25.41 | 0.00 | 8.36 | 0.00 | 4.35 | 0.00 4.01 | 1.00 | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 8.36 | 0.00 | -26.51 | 6.69 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.36 | 0.00 | -8.36 | 0.00 0.00 | - | 4.35<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.20<br>(-)<br><0.20> | OK |
| | | | X－ | 0.00 | 0.00 | 8.36 | 0.00 | -8.36 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 25.41 | 0.00 | 8.36 | 0.00 | 4.35 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -18.15 | 0.00 | 8.36 | 0.00 | -26.51 | 0.00 0.00 | - | | | | | | |
| | 又X18<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 13.29 | 0.00 | -13.29 | 0.00 0.00 | - | -4.71<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.29 | 0.00 | -13.29 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.29 | 0.00 | -13.29 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 8.58 | 13.29 | 0.00 | -4.71 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 13.29 | 0.00 | -13.29 | 0.00 0.00 | - | -4.71<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.29 | 0.00 | -13.29 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.29 | 0.00 | -13.29 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 8.58 | 13.29 | 0.00 | -4.71 | 0.00 0.00 | - | | | | | | |
| | 又X17<br>又 | 0.5 | X＋ | -21.63 | 0.00 | 6.28 | 0.00 | -27.91 | 0.00 1.74 | 1.00 | 4.54<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.44<br>(-)<br><0.44> | OK |
| | | | ◎X－ | 21.63 | 0.00 | 6.28 | 0.00 | 4.54 | 2.90 0.00 | 0.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.28 | 0.00 | -6.28 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.28 | 0.00 | -6.28 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -21.63 | 0.00 | 6.28 | 0.00 | -27.91 | 2.90 0.00 | 0.00 | 4.54<br>(1.74) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.28<br>(0.21)<br><0.49> | OK |
| | | | ◎X－ | 21.63 | 0.00 | 6.28 | 0.00 | 4.54 | 0.00 1.74 | 1.00 | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.28 | 0.00 | -6.28 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.28 | 0.00 | -6.28 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y6 | 0.5 | X＋ | 0.00 | 0.00 | 14.41 | 0.00 | -14.41 | 0.00 0.00 | - | -9.26<br>(5.35) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.64)<br><0.64> | OK |
| | | | X－ | 0.00 | 0.00 | 14.41 | 0.00 | -14.41 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 8.69 | 0.00 | 14.41 | 0.00 | -10.07 | 8.92 2.68 | 0.19 | | | | | | |
| | | | ◎Y－ | 4.67 | 2.82 | 14.41 | 0.00 | -9.26 | 4.46 5.35 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 14.41 | 0.00 | -14.41 | 0.00 0.00 | - | -9.26<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 14.41 | 0.00 | -14.41 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 8.69 | 0.00 | 14.41 | 0.00 | -10.07 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 4.67 | 2.82 | 14.41 | 0.00 | -9.26 | 0.00 0.00 | - | | | | | | |
| | X1<br>Y6 | 0.5 | X＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | -6.32<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | -6.32<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.32 | 0.00 | -6.32 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又Y6 | 0.5 | ◎X＋ | -21.63 | 0.00 | 10.82 | 0.00 | -32.46 | 0.00 1.74 | 1.00 | -0.01<br>(1.74) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.21)<br><0.21> | OK |
| | | | X－ | 21.63 | 0.00 | 10.82 | 0.00 | -0.01 | 2.90 0.00 | 0.00 | | | | | | |
| | | | Y＋ | -12.49 | 0.00 | 10.82 | 0.00 | -23.31 | 0.00 0.33 | 1.00 | | | | | | |
| | | | Y－ | 12.49 | 0.00 | 10.82 | 0.00 | -4.58 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -21.63 | 0.00 | 10.82 | 0.00 | -32.46 | 2.90 0.00 | 0.00 | -0.01<br>(1.74) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.21)<br><0.21> | OK |
| | | | ◎X－ | 21.63 | 0.00 | 10.82 | 0.00 | -0.01 | 0.00 1.74 | 1.00 | | | | | | |
| | | | Y＋ | -12.49 | 0.00 | 10.82 | 0.00 | -23.31 | 0.56 0.00 | 0.00 | | | | | | |
| | | | Y－ | 12.49 | 0.00 | 10.82 | 0.00 | -4.58 | 0.00 0.33 | 1.00 | | | | | | |
| | X7<br>又Y6 | 0.5 | X＋ | 0.00 | 0.00 | 15.98 | 0.00 | -15.98 | 0.00 0.00 | - | -3.50<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 15.98 | 0.00 | -15.98 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -24.97 | 0.00 | 15.98 | 0.00 | -40.96 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | 24.97 | 0.00 | 15.98 | 0.00 | -3.50 | 4.46 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 15.98 | 0.00 | -15.98 | 0.00 0.00 | - | -3.50<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 15.98 | 0.00 | -15.98 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -24.97 | 0.00 | 15.98 | 0.00 | -40.96 | 4.46 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 24.97 | 0.00 | 15.98 | 0.00 | -3.50 | 0.00 2.68 | 1.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>又Y6 | 0.5 | X＋ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | -7.73<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | -7.73<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 7.73 | 0.00 | -7.73 | 0.00 0.00 | - | | | | | | |
| | 又X16<br>又Y6 | 0.5 | X＋ | 0.00 | 2.46 | 13.79 | 0.00 | -11.33 | 0.00 0.00 | - | 9.71<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 13.79 | 0.00 | -13.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -28.24 | 0.00 | 13.79 | 0.00 | -42.03 | 0.00 0.33 | 1.00 | | | | | | |
| | | | ◎Y－ | 28.24 | 9.38 | 13.79 | 0.00 | 9.71 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 2.46 | 13.79 | 0.00 | -11.33 | 0.00 0.00 | - | 9.71<br>(0.33) | HDC-15・20(120) | HDC-15・20 | 27.10<br>(7.30) | 0.36<br>(0.05)<br><0.40> | OK |
| | | | X－ | 0.00 | 0.00 | 13.79 | 0.00 | -13.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -28.24 | 0.00 | 13.79 | 0.00 | -42.03 | 0.56 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 28.24 | 9.38 | 13.79 | 0.00 | 9.71 | 0.00 0.33 | 1.00 | | | | | | |
| | 又X11<br>又Y6 | 0.5 | X＋ | 0.00 | 0.00 | 12.22 | 0.00 | -12.22 | 0.00 0.00 | - | -4.34<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 12.22 | 0.00 | -12.22 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 12.22 | 0.00 | -27.98 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 0.00 | 12.22 | 0.00 | -4.34 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 12.22 | 0.00 | -12.22 | 0.00 0.00 | - | -4.34<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 12.22 | 0.00 | -12.22 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -15.75 | 0.00 | 12.22 | 0.00 | -27.98 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 15.75 | 0.00 | 12.22 | 0.00 | -4.34 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.5 | ◎X＋ | 9.07 | 0.00 | 12.11 | 0.00 | -7.57 | 0.00 0.00 | - | -7.57<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -9.07 | 0.00 | 12.11 | 0.00 | -21.18 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 12.11 | 0.00 | -12.11 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 12.11 | 0.00 | -12.11 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 9.07 | 0.00 | 12.11 | 0.00 | -7.57 | 0.00 0.00 | - | -7.57<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | -9.07 | 0.00 | 12.11 | 0.00 | -21.18 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 12.11 | 0.00 | -12.11 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 12.11 | 0.00 | -12.11 | 0.00 0.00 | - | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | -8.25<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | -8.25<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.25 | 0.00 | -8.25 | 0.00 0.00 | - | | | | | | |
| | X3<br>又 | 0.5 | ◎X＋ | 0.00 | 7.56 | 52.70 | 0.00 | -45.14 | 0.00 0.00 | - | -45.14<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 52.70 | 0.00 | -52.70 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 6.84 | 52.70 | 0.00 | -45.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 52.70 | 0.00 | -52.70 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 7.56 | 52.70 | 0.00 | -45.14 | 0.00 0.00 | - | -45.14<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 52.70 | 0.00 | -52.70 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 6.84 | 52.70 | 0.00 | -45.86 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 52.70 | 0.00 | -52.70 | 0.00 0.00 | - | | | | | | |
| | 又X14<br>又 | 0.5 | ◎X＋ | 0.00 | 12.05 | 6.81 | 0.00 | 5.24 | 0.00 0.00 | - | 5.24<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.51<br>(-)<br><0.51> | OK |
| | | | X－ | 0.00 | 0.00 | 6.81 | 0.00 | -6.81 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.81 | 0.00 | -6.81 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.81 | 0.00 | -6.81 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 12.05 | 6.81 | 0.00 | 5.24 | 0.00 0.00 | - | 5.24<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.51<br>(-)<br><0.51> | OK |
| | | | X－ | 0.00 | 0.00 | 6.81 | 0.00 | -6.81 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 6.81 | 0.00 | -6.81 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 6.81 | 0.00 | -6.81 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X13<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | -1.30 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | -1.30 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 1.30 | 0.00 | -1.30 | 0.00 0.00 | - | | | | | | |
| | X0<br>Y7 | 0.5 | X＋ | 17.80 | 0.00 | 17.08 | 0.00 | -8.18 | 4.31 0.00 | 0.00 | -4.67 | | | | | |
| | | | ◎X－ | -10.69 | 0.00 | 17.08 | 0.00 | -27.77 | 0.00 2.59 | 1.00 | (2.59) | | | | | |
| | | | Y＋ | 24.82 | 0.00 | 17.08 | 0.00 | -4.67 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | -32.00 | 0.00 | 17.08 | 0.00 | -49.08 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 17.80 | 0.00 | 17.08 | 0.00 | -8.18 | 0.00 0.00 | - | -4.67 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | -10.69 | 0.00 | 17.08 | 0.00 | -27.77 | 0.00 0.00 | - | (5.35) | | | (8.40) | (0.64) | |
| | | | Y＋ | 24.82 | 0.00 | 17.08 | 0.00 | -4.67 | 8.92 0.00 | 0.19 | | | | | <0.64> | |
| | | | ◎Y－ | -32.00 | 0.00 | 17.08 | 0.00 | -49.08 | 0.00 5.35 | 1.00 | | | | | | |
| | X1<br>Y7 | 0.5 | ◎X＋ | 16.43 | 0.00 | 5.63 | 0.00 | 2.58 | 0.00 0.00 | - | 2.58 | HDP-10 | HDP-10 | 10.30 | 0.25 | OK |
| | | | X－ | -32.08 | 0.00 | 5.63 | 0.00 | -37.71 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.63 | 0.00 | -5.63 | 0.00 0.00 | - | | | | | <0.25> | |
| | | | Y－ | 0.00 | 0.00 | 5.63 | 0.00 | -5.63 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 16.43 | 0.00 | 5.63 | 0.00 | 2.58 | 4.31 4.44 | 0.00 | 2.58 | HDP-10 | HDP-10 | 10.30 | 0.25 | OK |
| | | | X－ | -32.08 | 0.00 | 5.63 | 0.00 | -37.71 | 7.40 2.59 | 0.02 | (4.44) | | | (8.40) | (0.53) | |
| | | | Y＋ | 0.00 | 0.00 | 5.63 | 0.00 | -5.63 | 0.00 0.00 | - | | | | | <0.78> | |
| | | | Y－ | 0.00 | 0.00 | 5.63 | 0.00 | -5.63 | 0.00 0.00 | - | | | | | | |
| | 又<br>Y7 | 0.5 | X＋ | -12.83 | 0.00 | 4.57 | 0.00 | -17.40 | 0.00 4.44 | 1.00 | 6.13 | HDP-10 | HDP-10 | 10.30 | 0.59 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 4.57 | 0.00 | 6.13 | 7.40 0.00 | 0.02 | (0.14) | | | (8.40) | (0.02) | |
| | | | Y＋ | 0.00 | 0.00 | 4.57 | 0.00 | -4.57 | 0.00 0.00 | - | | | | | <0.61> | |
| | | | Y－ | 0.00 | 0.00 | 4.57 | 0.00 | -4.57 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -12.83 | 0.00 | 4.57 | 0.00 | -17.40 | 0.00 0.00 | - | 6.13 | HDP-10 | HDP-10 | 10.30 | 0.59 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 4.57 | 0.00 | 6.13 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.57 | 0.00 | -4.57 | 0.00 0.00 | - | | | | | <0.59> | |
| | | | Y－ | 0.00 | 0.00 | 4.57 | 0.00 | -4.57 | 0.00 0.00 | - | | | | | | |
| | X3<br>Y7 | 0.5 | X＋ | -8.56 | 0.00 | 27.62 | 0.00 | -36.18 | 0.00 0.00 | - | -16.33 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 27.62 | 0.00 | -27.62 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 27.62 | 0.00 | -27.62 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | ◎Y－ | 0.00 | 11.29 | 27.62 | 0.00 | -16.33 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | -8.56 | 0.00 | 27.62 | 0.00 | -36.18 | 0.00 5.41 | 1.00 | -16.33 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 27.62 | 0.00 | -27.62 | 9.02 0.00 | 0.19 | (5.41) | | | (8.40) | (0.64) | |
| | | | Y＋ | 0.00 | 0.00 | 27.62 | 0.00 | -27.62 | 0.00 0.00 | - | | | | | <0.64> | |
| | | | Y－ | 0.00 | 11.29 | 27.62 | 0.00 | -16.33 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>Y7 | 0.5 | X＋ | -12.83 | 0.00 | 4.27 | 0.00 | -17.10 | 0.00 5.41 | 1.00 | 6.43 | HDP-10 | HDP-10 | 10.30 | 0.62 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 4.27 | 0.00 | 6.43 | 9.02 0.00 | 0.19 | (1.76) | | | (8.40) | (0.21) | |
| | | | Y＋ | 0.00 | 0.00 | 4.27 | 0.00 | -4.27 | 0.00 0.00 | - | | | | | <0.83> | |
| | | | Y－ | 0.00 | 0.00 | 4.27 | 0.00 | -4.27 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -12.83 | 0.00 | 4.27 | 0.00 | -17.10 | 0.00 0.00 | - | 6.43 | HDP-10 | HDP-10 | 10.30 | 0.62 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 4.27 | 0.00 | 6.43 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.27 | 0.00 | -4.27 | 0.00 0.00 | - | | | | | <0.62> | |
| | | | Y－ | 0.00 | 0.00 | 4.27 | 0.00 | -4.27 | 0.00 0.00 | - | | | | | | |
| | 又X13<br>又Y7 | 0.5 | X＋ | -8.13 | 0.00 | 1.72 | 0.00 | -9.85 | 0.00 0.00 | - | 5.03 | HDP-10 | HDP-10 | 10.30 | 0.49 | OK |
| | | | ◎X－ | 13.50 | 0.00 | 1.72 | 0.00 | 5.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.72 | 0.00 | -1.72 | 0.00 0.00 | - | | | | | <0.49> | |
| | | | Y－ | 0.00 | 0.00 | 1.72 | 0.00 | -1.72 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -8.13 | 0.00 | 1.72 | 0.00 | -9.85 | 2.90 0.00 | 0.00 | 5.03 | HDP-10 | HDP-10 | 10.30 | 0.49 | OK |
| | | | ◎X－ | 13.50 | 0.00 | 1.72 | 0.00 | 5.03 | 0.00 1.74 | 1.00 | (1.74) | | | (8.40) | (0.21) | |
| | | | Y＋ | 0.00 | 0.00 | 1.72 | 0.00 | -1.72 | 0.00 0.00 | - | | | | | <0.70> | |
| | | | Y－ | 0.00 | 0.00 | 1.72 | 0.00 | -1.72 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9<br>又Y7 | 0.5 | X＋ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | -8.79<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | -8.79<br>(-) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 8.79 | 0.00 | -8.79 | 0.00 0.00 | - | | | | | | |
| | 又X12<br>又Y7 | 0.5 | X＋ | 0.00 | 0.00 | 12.47 | 0.00 | -12.47 | 0.00 0.00 | - | -2.27<br>(-) | | | | | |
| | | | X－ | 0.00 | 0.00 | 12.47 | 0.00 | -12.47 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -23.52 | 0.00 | 12.47 | 0.00 | -35.99 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 20.40 | 0.00 | 12.47 | 0.00 | -2.27 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 12.47 | 0.00 | -12.47 | 0.00 0.00 | - | -2.27<br>(0.33) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.04)<br><0.04> | OK |
| | | | X－ | 0.00 | 0.00 | 12.47 | 0.00 | -12.47 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -23.52 | 0.00 | 12.47 | 0.00 | -35.99 | 0.56 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 20.40 | 0.00 | 12.47 | 0.00 | -2.27 | 0.00 0.33 | 1.00 | | | | | | |
| | X5 | 0.5 | X＋ | 0.00 | 0.00 | 75.90 | 0.00 | -75.90 | 0.00 0.00 | - | -66.02<br>(-) | | | | | |
| | | | ◎X－ | 0.00 | 9.88 | 75.90 | 0.00 | -66.02 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 75.90 | 0.00 | -75.90 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 4.05 | 75.90 | 0.00 | -71.85 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 75.90 | 0.00 | -75.90 | 0.00 0.00 | - | -66.02<br>(-) | PBH-63 | PBH-63 | 63.40<br>(14.00) | 0.00<br>(-)<br><0.00> | OK |
| | | | ◎X－ | 0.00 | 9.88 | 75.90 | 0.00 | -66.02 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 75.90 | 0.00 | -75.90 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 4.05 | 75.90 | 0.00 | -71.85 | 0.00 0.00 | - | | | | | | |
| | 又X11<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 4.52 | 0.00 | -4.52 | 0.00 0.00 | - | 2.42<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.24<br>(-)<br><0.24> | OK |
| | | | X－ | 0.00 | 0.00 | 4.52 | 0.00 | -4.52 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 6.94 | 4.52 | 0.00 | 2.42 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.52 | 0.00 | -4.52 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 4.52 | 0.00 | -4.52 | 0.00 0.00 | - | 2.42<br>(-) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.24<br>(-)<br><0.24> | OK |
| | | | X－ | 0.00 | 0.00 | 4.52 | 0.00 | -4.52 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 0.00 | 6.94 | 4.52 | 0.00 | 2.42 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 4.52 | 0.00 | -4.52 | 0.00 0.00 | - | | | | | | |
| | X0<br>又 | 0.5 | X＋ | 0.00 | 1.98 | 13.56 | 0.00 | -11.57 | 0.00 0.00 | - | -2.27<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.56 | 0.00 | -13.56 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.56 | 0.00 | -13.56 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 11.29 | 13.56 | 0.00 | -2.27 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 1.98 | 13.56 | 0.00 | -11.57 | 0.00 0.00 | - | -2.27<br>(-) | HDP-15 | HDP-15 | 16.10<br>(8.40) | 0.00<br>(-)<br><0.00> | OK |
| | | | X－ | 0.00 | 0.00 | 13.56 | 0.00 | -13.56 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 13.56 | 0.00 | -13.56 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y－ | 0.00 | 11.29 | 13.56 | 0.00 | -2.27 | 0.00 0.00 | - | | | | | | |
| | X7<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 31.96 | 0.00 | -31.96 | 0.00 0.00 | - | -19.47<br>(2.68) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 31.96 | 0.00 | -31.96 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | 24.97 | 0.00 | 31.96 | 0.00 | -19.47 | 4.46 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | -24.97 | 0.00 | 31.96 | 0.00 | -56.94 | 0.00 2.68 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 31.96 | 0.00 | -31.96 | 0.00 0.00 | - | -19.47<br>(2.68) | HDP-10 | HDP-10 | 10.30<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 31.96 | 0.00 | -31.96 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | 24.97 | 0.00 | 31.96 | 0.00 | -19.47 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | -24.97 | 0.00 | 31.96 | 0.00 | -56.94 | 4.46 0.00 | 0.00 | | | | | | |
| | X9<br>又 | 0.5 | X＋ | 0.00 | 0.00 | 9.74 | 0.00 | -9.74 | 0.00 0.00 | - | -4.08<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 9.74 | 0.00 | -9.74 | 0.00 0.00 | - | | | | | | |
| | | | Y＋ | -11.33 | 0.00 | 9.74 | 0.00 | -21.07 | 4.46 0.00 | 0.00 | | | | | | |
| | | | ◎Y－ | 11.33 | 0.00 | 9.74 | 0.00 | -4.08 | 0.00 2.68 | 1.00 | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 9.74 | 0.00 | -9.74 | 0.00 0.00 | - | -4.08<br>(2.68) | HDP-20 | HDP-20 | 22.20<br>(8.40) | 0.00<br>(0.32)<br><0.32> | OK |
| | | | X－ | 0.00 | 0.00 | 9.74 | 0.00 | -9.74 | 0.00 0.00 | - | | | | | | |
| | | | ◎Y＋ | -11.33 | 0.00 | 9.74 | 0.00 | -21.07 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | 11.33 | 0.00 | 9.74 | 0.00 | -4.08 | 4.46 0.00 | 0.00 | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X10<br>又 | 0.5 | X＋ | -21.63 | 1.22 | 4.99 | 0.00 | -25.40 | 0.00 1.74 | 1.00 | 5.83 | HDP-15 | HDP-15 | 16.10 | 0.36 | OK |
| | | | ◎X－ | 21.63 | 0.00 | 4.99 | 0.00 | 5.83 | 2.90 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 9.07 | 0.00 | 4.99 | 0.00 | 2.27 | 0.00 0.00 | - | | | | | <0.36> | |
| | | | Y－ | -9.07 | 0.00 | 4.99 | 0.00 | -14.07 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -21.63 | 1.22 | 4.99 | 0.00 | -25.40 | 2.90 0.00 | 0.00 | 5.83 | HDP-15 | HDP-15 | 16.10 | 0.36 | OK |
| | | | ◎X－ | 21.63 | 0.00 | 4.99 | 0.00 | 5.83 | 0.00 1.74 | 1.00 | (1.74) | | | (8.40) | (0.21) | |
| | | | Y＋ | 9.07 | 0.00 | 4.99 | 0.00 | 2.27 | 0.00 0.00 | - | | | | | <0.57> | |
| | | | Y－ | -9.07 | 0.00 | 4.99 | 0.00 | -14.07 | 0.00 0.00 | - | | | | | | |
| | 又X10<br>又 | 0.8 | ◎X＋ | 15.75 | 0.00 | 3.83 | 0.00 | 8.77 | 0.00 0.00 | - | 8.77 | HDP-10 | HDP-10 | 10.30 | 0.85 | OK |
| | | | X－ | -15.75 | 0.00 | 3.83 | 0.00 | -19.59 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -12.49 | 0.00 | 3.83 | 0.00 | -16.32 | 0.00 0.33 | 1.00 | | | | | <0.85> | |
| | | | Y－ | 12.49 | 3.89 | 3.83 | 0.00 | 6.30 | 0.56 0.00 | 0.00 | | | | | | |
| | | 0.8 | ◎X＋ | 15.75 | 0.00 | 3.83 | 0.00 | 8.77 | 0.00 0.00 | - | 8.77 | HDP-10 | HDP-10 | 10.30 | 0.85 | OK |
| | | | X－ | -15.75 | 0.00 | 3.83 | 0.00 | -19.59 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -12.49 | 0.00 | 3.83 | 0.00 | -16.32 | 0.56 0.00 | 0.00 | | | | | <0.85> | |
| | | | Y－ | 12.49 | 3.89 | 3.83 | 0.00 | 6.30 | 0.00 0.33 | 1.00 | | | | | | |
| | X3<br>Y8 | 0.5 | X＋ | 0.00 | 0.00 | 23.49 | 0.00 | -23.49 | 0.00 0.00 | - | -22.46 | HMP-140 | HMP-140 | 9.20 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 1.03 | 23.49 | 0.00 | -22.46 | 0.00 0.00 | - | (-) | | | (9.20) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 23.49 | 0.00 | -23.49 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 23.49 | 0.00 | -23.49 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 23.49 | 0.00 | -23.49 | 0.00 0.00 | - | -22.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 1.03 | 23.49 | 0.00 | -22.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 23.49 | 0.00 | -23.49 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 23.49 | 0.00 | -23.49 | 0.00 0.00 | - | | | | | | |
| | 又X4<br>Y8 | 0.5 | ◎X＋ | 36.30 | 0.00 | 4.41 | 0.00 | 13.74 | 0.00 0.00 | - | 13.74 | HDP-15 | HDP-15 | 16.10 | 0.85 | OK |
| | | | X－ | -36.30 | 0.00 | 4.41 | 0.00 | -40.71 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.41 | 0.00 | -4.41 | 0.00 0.00 | - | | | | | <0.85> | |
| | | | Y－ | 0.00 | 0.00 | 4.41 | 0.00 | -4.41 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 36.30 | 0.00 | 4.41 | 0.00 | 13.74 | 0.00 0.00 | - | 13.74 | HDP-15 | HDP-15 | 16.10 | 0.85 | OK |
| | | | X－ | -36.30 | 0.00 | 4.41 | 0.00 | -40.71 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 4.41 | 0.00 | -4.41 | 0.00 0.00 | - | | | | | <0.85> | |
| | | | Y－ | 0.00 | 0.00 | 4.41 | 0.00 | -4.41 | 0.00 0.00 | - | | | | | | |
| | X5<br>Y8 | 0.5 | ◎X＋ | 0.00 | 5.21 | 14.66 | 0.00 | -9.46 | 0.00 0.00 | - | -9.46 | | | | | |
| | | | X－ | 0.00 | 0.00 | 14.66 | 0.00 | -14.66 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 14.66 | 0.00 | -14.66 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 14.66 | 0.00 | -14.66 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 0.00 | 5.21 | 14.66 | 0.00 | -9.46 | 0.00 0.00 | - | -9.46 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | X－ | 0.00 | 0.00 | 14.66 | 0.00 | -14.66 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 14.66 | 0.00 | -14.66 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 14.66 | 0.00 | -14.66 | 0.00 0.00 | - | | | | | | |
| | Y8 | 0.5 | X＋ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | -2.99 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | -2.99 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 2.99 | 0.00 | -2.99 | 0.00 0.00 | - | | | | | | |
| | Y8 | 0.5 | X＋ | -36.30 | 0.00 | 10.88 | 0.00 | -47.18 | 0.00 0.00 | - | 15.95 | HDP-15 | HDP-15 | 16.10 | 0.99 | OK |
| | | | ◎X－ | 36.30 | 8.68 | 10.88 | 0.00 | 15.95 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 10.88 | 0.00 | -10.88 | 0.00 0.00 | - | | | | | <0.99> | |
| | | | Y－ | 0.00 | 0.00 | 10.88 | 0.00 | -10.88 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -36.30 | 0.00 | 10.88 | 0.00 | -47.18 | 0.00 0.00 | - | 15.95 | HDP-15 | HDP-15 | 16.10 | 0.99 | OK |
| | | | ◎X－ | 36.30 | 8.68 | 10.88 | 0.00 | 15.95 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 10.88 | 0.00 | -10.88 | 0.00 0.00 | - | | | | | <0.99> | |
| | | | Y－ | 0.00 | 0.00 | 10.88 | 0.00 | -10.88 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階の Vs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X6 | 0.5 | ◎X＋ | 36.30 | 8.68 | 10.95 | 0.00 | 15.87 | 0.00 0.00 | - | 15.87 | HDP-15 | HDP-15 | 16.10 | 0.99 | OK |
| | Y8 | | X－ | -36.30 | 0.00 | 10.95 | 0.00 | -47.25 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 10.95 | 0.00 | -10.95 | 0.00 0.00 | - | | | | | <0.99> | |
| | | | Y－ | 0.00 | 0.00 | 10.95 | 0.00 | -10.95 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 36.30 | 8.68 | 10.95 | 0.00 | 15.87 | 0.00 0.00 | - | 15.87 | HDP-15 | HDP-15 | 16.10 | 0.99 | OK |
| | | | X－ | -36.30 | 0.00 | 10.95 | 0.00 | -47.25 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 10.95 | 0.00 | -10.95 | 0.00 0.00 | - | | | | | <0.99> | |
| | | | Y－ | 0.00 | 0.00 | 10.95 | 0.00 | -10.95 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | -3.43 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | Y8 | | ◎X－ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | -3.43 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.43 | 0.00 | -3.43 | 0.00 0.00 | - | | | | | | |
| | X7 | 0.5 | X＋ | -36.30 | 0.00 | 14.90 | 0.00 | -51.20 | 0.00 0.00 | - | 8.46 | | | | | |
| | Y8 | | ◎X－ | 36.30 | 5.21 | 14.90 | 0.00 | 8.46 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | -24.97 | 0.00 | 14.90 | 0.00 | -39.87 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | 24.97 | 0.00 | 14.90 | 0.00 | -2.41 | 4.46 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -36.30 | 0.00 | 14.90 | 0.00 | -51.20 | 0.00 0.00 | - | 8.46 | HDP-10 | HDP-10 | 10.30 | 0.82 | OK |
| | | | ◎X－ | 36.30 | 5.21 | 14.90 | 0.00 | 8.46 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -24.97 | 0.00 | 14.90 | 0.00 | -39.87 | 4.46 0.00 | 0.00 | | | | | <0.82> | |
| | | | Y－ | 24.97 | 0.00 | 14.90 | 0.00 | -2.41 | 0.00 2.68 | 1.00 | | | | | | |
| | 又 | 0.5 | ◎X＋ | 24.97 | 8.68 | 8.78 | 0.00 | 12.39 | 4.46 0.00 | 0.00 | 12.39 | HDP-20 | HDP-20 | 22.20 | 0.56 | OK |
| | Y8 | | X－ | -24.97 | 0.00 | 8.78 | 0.00 | -33.75 | 0.00 2.68 | 1.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 8.78 | 0.00 | -8.78 | 0.00 0.00 | - | | | | | <0.56> | |
| | | | Y－ | 0.00 | 0.00 | 8.78 | 0.00 | -8.78 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 24.97 | 8.68 | 8.78 | 0.00 | 12.39 | 0.00 2.68 | 1.00 | 12.39 | HDP-20 | HDP-20 | 22.20 | 0.56 | OK |
| | | | X－ | -24.97 | 0.00 | 8.78 | 0.00 | -33.75 | 4.46 0.00 | 0.00 | (2.68) | | | (8.40) | (0.32) | |
| | | | Y＋ | 0.00 | 0.00 | 8.78 | 0.00 | -8.78 | 0.00 0.00 | - | | | | | <0.88> | |
| | | | Y－ | 0.00 | 0.00 | 8.78 | 0.00 | -8.78 | 0.00 0.00 | - | | | | | | |
| | X9 | 0.5 | X＋ | -24.97 | 0.00 | 10.17 | 0.00 | -35.15 | 0.00 2.68 | 1.00 | 10.99 | | | | | |
| | Y8 | | ◎X－ | 24.97 | 8.68 | 10.17 | 0.00 | 10.99 | 4.46 0.00 | 0.00 | (-) | | | | | |
| | | | Y＋ | -24.97 | 0.00 | 10.17 | 0.00 | -35.15 | 0.00 2.68 | 1.00 | | | | | | |
| | | | Y－ | 24.97 | 0.00 | 10.17 | 0.00 | 2.31 | 4.46 0.00 | 0.00 | | | | | | |
| | | 0.5 | X＋ | -24.97 | 0.00 | 10.17 | 0.00 | -35.15 | 4.46 0.00 | 0.00 | 10.99 | HDC-25・30(120) | HDC-25・30 | 36.70 | 0.30 | OK |
| | | | ◎X－ | 24.97 | 8.68 | 10.17 | 0.00 | 10.99 | 0.00 2.68 | 1.00 | (2.68) | | | (7.30) | (0.37) | |
| | | | Y＋ | -24.97 | 0.00 | 10.17 | 0.00 | -35.15 | 4.46 0.00 | 0.00 | | | | | <0.67> | |
| | | | Y－ | 24.97 | 0.00 | 10.17 | 0.00 | 2.31 | 0.00 2.68 | 1.00 | | | | | | |
| | 又X9 | 0.5 | X＋ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | -3.14 | | | | | |
| | Y8 | | ◎X－ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | (-) | | | | | |
| | | | Y＋ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | | | | | | |
| | | | Y－ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | -3.14 | PBH-63 | PBH-63 | 63.40 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | (-) | | | (14.00) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 3.14 | 0.00 | -3.14 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 3.97 | 8.35 | 0.00 | -4.38 | 0.00 0.00 | - | 13.04 | HDP-15 | HDP-15 | 16.10 | 0.81 | OK |
| | Y9 | | X－ | 0.00 | 0.00 | 8.35 | 0.00 | -8.35 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | -42.78 | 0.00 | 8.35 | 0.00 | -51.12 | 0.00 0.00 | - | | | | | <0.81> | |
| | | | ◎Y－ | 42.78 | 0.00 | 8.35 | 0.00 | 13.04 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | 0.00 | 3.97 | 8.35 | 0.00 | -4.38 | 0.00 0.00 | - | 25.87 | HDC-25・30(120) | HDC-25・30 | 36.70 | 0.71 | OK |
| | | | X－ | 0.00 | 0.00 | 8.35 | 0.00 | -8.35 | 0.00 0.00 | - | (-) | | | (7.30) | (-) | |
| | | | Y＋ | -42.78 | 0.00 | 8.35 | 0.00 | -51.12 | 0.00 0.00 | - | | | | | <0.71> | |
| | | | ◎Y－ | 42.78 | 0.00 | 8.35 | 0.00 | 25.87 | 0.00 0.00 | - | | | | | | |

| 階 | 符号 | 柱頭β<br>柱脚β | 方向 | Vs | 上階のVs*β | VL | Vα | Vτ | 柱頭 圧QN 引QN<br>柱脚 圧QN 引QN | 柱頭 圧縮 [Cμ]<br>柱脚 圧縮 [Cμ] | Vτ (柱頭 QN)<br>Vτ (柱脚 QN) | 柱頭金物名称<br>柱脚金物名称 | 記号<br>記号 | 許容引張耐力 (せん断) | 検定値 (せん断) <計> | 柱頭判定<br>柱脚判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X0 | 0.5 | ◎X＋ | 12.83 | 0.00 | 2.08 | 0.00 | 4.34 | 0.00 0.00 | - | 4.34 | HDP-10 | HDP-10 | 10.30 | 0.42 | OK |
| | Y9 | | X－ | -21.39 | 0.00 | 2.08 | 0.00 | -23.47 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.08 | 0.00 | -2.08 | 0.00 0.00 | - | | | | | <0.42> | |
| | | | Y－ | 0.00 | 0.00 | 2.08 | 0.00 | -2.08 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 12.83 | 0.00 | 2.08 | 0.00 | 4.34 | 0.00 3.31 | 1.00 | 4.34 | HDP-10 | HDP-10 | 10.30 | 0.42 | OK |
| | | | X－ | -21.39 | 0.00 | 2.08 | 0.00 | -23.47 | 5.51 0.00 | 0.00 | (3.31) | | | (8.40) | (0.39) | |
| | | | Y＋ | 0.00 | 0.00 | 2.08 | 0.00 | -2.08 | 0.00 0.00 | - | | | | | <0.81> | |
| | | | Y－ | 0.00 | 0.00 | 2.08 | 0.00 | -2.08 | 0.00 0.00 | - | | | | | | |
| | 又X1 | 0.5 | X＋ | -12.83 | 0.00 | 5.32 | 0.00 | -18.15 | 0.00 3.31 | 1.00 | 5.37 | HDP-10 | HDP-10 | 10.30 | 0.52 | OK |
| | Y9 | | ◎X－ | 21.39 | 0.00 | 5.32 | 0.00 | 5.37 | 5.51 0.00 | 0.00 | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.32 | 0.00 | -5.32 | 0.00 0.00 | - | | | | | <0.52> | |
| | | | Y－ | 0.00 | 0.00 | 5.32 | 0.00 | -5.32 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -12.83 | 0.00 | 5.32 | 0.00 | -18.15 | 0.00 0.00 | - | 5.37 | HDP-10 | HDP-10 | 10.30 | 0.52 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 5.32 | 0.00 | 5.37 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.32 | 0.00 | -5.32 | 0.00 0.00 | - | | | | | <0.52> | |
| | | | Y－ | 0.00 | 0.00 | 5.32 | 0.00 | -5.32 | 0.00 0.00 | - | | | | | | |
| | X3 | 0.5 | ◎X＋ | 42.78 | 0.00 | 5.38 | 0.00 | 16.01 | 0.00 0.00 | - | 16.01 | HDP-20 | HDP-20 | 22.20 | 0.72 | OK |
| | Y9 | | X－ | -42.78 | 0.00 | 5.38 | 0.00 | -48.15 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.38 | 0.00 | -5.38 | 0.00 0.00 | - | | | | | <0.72> | |
| | | | Y－ | 0.00 | 0.00 | 5.38 | 0.00 | -5.38 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | ◎X＋ | 42.78 | 0.00 | 5.38 | 0.00 | 16.01 | 0.00 0.00 | - | 16.01 | HDP-20 | HDP-20 | 22.20 | 0.72 | OK |
| | | | X－ | -42.78 | 0.00 | 5.38 | 0.00 | -48.15 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 5.38 | 0.00 | -5.38 | 0.00 0.00 | - | | | | | <0.72> | |
| | | | Y－ | 0.00 | 0.00 | 5.38 | 0.00 | -5.38 | 0.00 0.00 | - | | | | | | |
| | 又X3 | 0.5 | X＋ | -21.39 | 0.00 | 2.55 | 0.00 | -23.94 | 0.00 0.00 | - | 8.14 | HDP-10 | HDP-10 | 10.30 | 0.79 | OK |
| | Y9 | | ◎X－ | 21.39 | 0.00 | 2.55 | 0.00 | 8.14 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.55 | 0.00 | -2.55 | 0.00 0.00 | - | | | | | <0.79> | |
| | | | Y－ | 0.00 | 0.00 | 2.55 | 0.00 | -2.55 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | -21.39 | 0.00 | 2.55 | 0.00 | -23.94 | 0.00 0.00 | - | 8.14 | HDP-10 | HDP-10 | 10.30 | 0.79 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 2.55 | 0.00 | 8.14 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 2.55 | 0.00 | -2.55 | 0.00 0.00 | - | | | | | <0.79> | |
| | | | Y－ | 0.00 | 0.00 | 2.55 | 0.00 | -2.55 | 0.00 0.00 | - | | | | | | |
| | 又X4 | 0.5 | X＋ | -21.39 | 0.00 | 1.70 | 0.00 | -23.09 | 0.00 0.00 | - | 9.00 | HDP-15 | HDP-15 | 16.10 | 0.56 | OK |
| | Y9 | | ◎X－ | 21.39 | 0.00 | 1.70 | 0.00 | 9.00 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | <0.56> | |
| | | | Y－ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | | |
| | | 0.8 | X＋ | -21.39 | 0.00 | 1.70 | 0.00 | -23.09 | 0.00 0.00 | - | 15.41 | HDC-15・20(120) | HDC-15・20 | 27.10 | 0.57 | OK |
| | | | ◎X－ | 21.39 | 0.00 | 1.70 | 0.00 | 15.41 | 0.00 0.00 | - | (-) | | | (7.30) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | <0.57> | |
| | | | Y－ | 0.00 | 0.00 | 1.70 | 0.00 | -1.70 | 0.00 0.00 | - | | | | | | |
| | 又X4 | 0.5 | X＋ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | -0.04 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | 又Y9 | | ◎X－ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | -0.04 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 0.00 0.00 | - | | | | | | |
| | X0 | 0.5 | X＋ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | -0.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | | | | | | |
| | | 0.5 | X＋ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | -0.03 | HDP-10 | HDP-10 | 10.30 | 0.00 | OK |
| | | | ◎X－ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | (-) | | | (8.40) | (-) | |
| | | | Y＋ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | | | | | <0.00> | |
| | | | Y－ | 0.00 | 0.00 | 0.03 | 0.00 | -0.03 | 0.00 0.00 | - | | | | | | |

5.2 横架材端部接合部の検定（標準計算法）

(1) 長期時の検討

Ao ： 仕口断面積（支点反力を支持する部分の面積） （ｃ㎡）
Ae ： せん断検討時の有効断面積（ｃ㎡）
fs ： 長期許容せん断応力度(N/mm²)
QLa ： 横架材端部接合部の長期許容せん断力(kN)
QL ： 長期鉛直荷重による横架材端部のせん断力(kN)

①梁

| 階 | 位置 | 樹種<br>Ｂ×Ｄ＝Ａ（ｃ㎡） | 横架材端部<br>仕様 | Ao<br>（ｃ㎡） | Ae<br>（ｃ㎡） | fs<br>(N/mm²) | QLa<br>（ｋＮ） | QL<br>（ｋＮ） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Ｙ１ ＸＯ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.55 | 0.02 | ＯＫ |
| | 又Ｘ３ | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 4.42 | 0.19 | ＯＫ |
| | Ｙ１ ＸＯ | 杉 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | ＯＫ |
| | 又Ｘ１ | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | ＯＫ |
| | Ｙ１ 又Ｘ３ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 4.42 | 0.19 | ＯＫ |
| | Ｘ５ | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 3.45 | 0.15 | ＯＫ |
| | Ｙ１ Ｘ５ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.55 | 0.02 | ＯＫ |
| | 又Ｘ６ | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 4.42 | 0.19 | ＯＫ |
| | Ｙ１ Ｘ５ | 杉 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | ＯＫ |
| | | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | ＯＫ |
| | Ｙ１ 又Ｘ６ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 3.62 | 0.16 | ＯＫ |
| | Ｘ９ | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 2.14 | 0.09 | ＯＫ |
| | 又Ｙ１ 又X11 | 欧州赤松集成材 | | － | － | － | － | 0.21 | － | ＯＫ |
| | 又X12 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 1.01 | 0.23 | ＯＫ |
| | 又 Ｘ８ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | Ｘ９ | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.47 | 0.04 | ＯＫ |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 2.07 | 0.11 | ＯＫ |
| | 又 又X11 | 杉 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又X12 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又 又X10 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 3.68 | 0.17 | ＯＫ |
| | 又X14 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 3.64 | 0.17 | ＯＫ |
| | 又 ＸＯ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又Ｘ２ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又Ｘ２ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | Ｘ５ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 Ｘ５ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | Ｘ８ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 Ｘ８ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | Ｘ９ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 Ｘ９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 2.82 | 0.03 | ＯＫ |
| | 又X12 | 12.0×42.0=504.0 | | － | － | － | － | 1.06 | － | ＯＫ |
| | 又 Ｘ８ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | ＯＫ |
| | Ｘ９ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | ＯＫ |
| | 又 Ｘ９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 2.68 | 0.03 | ＯＫ |
| | 又X13 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 3.89 | 0.18 | ＯＫ |
| | 又Ｙ２ Ｘ８ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | Ｘ９ | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又X14 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.96 | 0.10 | ＯＫ |
| | 又X16 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 1.44 | 0.08 | ＯＫ |
| | 又 又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 又X18 | 欧州赤松集成材 | TH-18D | － | － | － | 13.37 | － | － | ＯＫ |
| | 又X19 | 12.0×18.0=216.0 | TH-18D | － | － | － | 13.37 | － | － | ＯＫ |
| | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又Ｘ２ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又Ｘ２ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | ＯＫ |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又　X8 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又　又X10 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又　又X19 | 欧州赤松集成材 | TH-18D | － | － | － | 13.37 | 1.50 | 0.11 | OK |
| | 又X21 | 12.0×21.0=252.0 | TH-18 | － | － | － | 13.37 | 2.94 | 0.22 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.34 | 0.04 | OK |
| | 又X18 | 12.0×18.0=216.0 | TH-18 | － | － | － | 13.37 | 0.17 | 0.01 | OK |
| | Y3　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.82 | 0.04 | OK |
| | X3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 4.38 | 0.19 | OK |
| | Y3　又 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.63 | 0.03 | OK |
| | 又 | 12.0×30.0=360.0 | TH-24 | － | － | － | 19.20 | 1.05 | 0.05 | OK |
| | Y3　X3 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 3.03 | 0.13 | OK |
| | X5 | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 0.41 | 0.02 | OK |
| | Y3　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.62 | 0.03 | OK |
| | 又X6 | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 4.49 | 0.20 | OK |
| | Y3　又X6 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 3.27 | 0.14 | OK |
| | X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 2.62 | 0.11 | OK |
| | Y3　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.74 | 0.17 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.32 | 0.07 | OK |
| | 又Y3　X9 | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 1.05 | 0.01 | OK |
| | 又X11 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 1.55 | 0.07 | OK |
| | 又Y3　又X9 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又X10 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又　又X16 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | － | － | OK |
| | 又X17 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又　又X16 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 1.52 | 0.11 | OK |
| | 又X19 | 12.0×18.0=216.0 | TH-18 | － | － | － | 13.37 | 1.25 | 0.09 | OK |
| | 又　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又　X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又X17 | 12.0×21.0=252.0 | TH-18D | － | － | － | 13.37 | 0.70 | 0.05 | OK |
| | 又　又X14 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.34 | 0.08 | OK |
| | 又X14 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.34 | 0.08 | OK |
| | 又　又X18 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y4　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 3.39 | 0.18 | OK |
| | X2 | 12.0×30.0=360.0 | TH-24 | － | － | － | 19.20 | 3.64 | 0.19 | OK |
| | Y4　X2 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.64 | 0.03 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | － | － | － | 19.20 | 1.04 | 0.05 | OK |
| | Y4　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 1.79 | 0.08 | OK |
| | 又X7 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 1.78 | 0.08 | OK |
| | Y4　又X7 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又Y4　又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.62 | 0.05 | OK |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | － | － | OK |
| | 又Y4　X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | － | － | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又Y4　又X12 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.34 | 0.08 | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.34 | 0.08 | OK |
| | 又Y4　又X21 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 1.48 | 0.11 | OK |
| | 又 | 12.0×21.0=252.0 | TH-18D | － | － | － | 13.37 | 0.58 | 0.04 | OK |
| | 又Y4　X2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.59 | 0.14 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.59 | 0.14 | OK |
| | 又Y4　X2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.21 | 0.05 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.21 | 0.05 | OK |
| | 又Y4　又X16 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.85 | 0.22 | OK |
| | 又X20 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 0.62 | 0.07 | OK |
| | X0 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.66 | 0.20 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 1.66 | 0.20 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.56 | 0.13 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.56 | 0.13 | OK |
| | 又 又X12 | 欧州赤松集成材 | TH-33 | - | - | - | 22.83 | 4.37 | 0.19 | OK |
| | 又X16 | 12.0×42.0=504.0 | TH-33 | - | - | - | 22.83 | 0.51 | 0.02 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | - | - | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 0.20 | 0.02 | OK |
| | 又 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 1.54 | 0.07 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 22.83 | 1.53 | 0.07 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-18 | - | - | - | 13.37 | 0.68 | 0.05 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 13.37 | - | - | OK |
| | 又 又X12 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | - | - | OK |
| | 又X14 | 12.0×21.0=252.0 | TH-18D | - | - | - | 13.37 | 0.70 | 0.05 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 0.54 | 0.06 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 0.54 | 0.06 | OK |
| | 又 X0 | 杉 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | 又X1 | 12.0×12.0=144.0 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | 又 又 | 杉 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | X2 | 12.0×12.0=144.0 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 0.66 | 0.08 | OK |
| | 又X17 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 0.56 | 0.07 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | - | - | OK |
| | 又X15 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | - | - | OK |
| | X0 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 2.10 | 0.25 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 2.10 | 0.25 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.39 | 0.09 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.39 | 0.09 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.56 | 0.13 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.56 | 0.13 | OK |
| | 又 又X17 | 欧州赤松集成材 | TH-18D | - | - | - | 13.37 | 1.44 | 0.11 | OK |
| | 又X19 | 12.0×21.0=252.0 | TH-18 | - | - | - | 13.37 | 0.41 | 0.03 | OK |
| | 又 又X17 | 欧州赤松集成材 | TH-18 | - | - | - | 13.37 | 1.00 | 0.07 | OK |
| | 又X21 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 1.00 | 0.12 | OK |
| | 又 又X13 | 欧州赤松集成材 | TH-18 | - | - | - | 13.37 | 1.52 | 0.11 | OK |
| | 又X16 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 0.54 | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 2.45 | 0.29 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 2.45 | 0.29 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.80 | 0.19 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.40 | 0.80 | 0.18 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 4.40 | 1.06 | 0.24 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 1.06 | 0.25 | OK |
| | 又 又X16 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | - | - | OK |
| | 又X17 | 12.0×18.0=216.0 | TH-18 | - | - | - | 13.37 | - | - | OK |
| | 又 又X20 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | - | - | OK |
| | 又X21 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.41 | 0.10 | OK |
| | 又 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 1.80 | 0.08 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 21.67 | 1.78 | 0.08 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 0.68 | 0.08 | OK |
| | X8 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 0.68 | 0.08 | OK |
| | 又 X8 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.35 | 0.08 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.35 | 0.08 | OK |
| | 又 X9 | 欧州赤松集成材 | K39 | - | - | - | 99.00 | 1.05 | 0.01 | OK |
| | 又X12 | 12.0×42.0=504.0 | TH-33 | - | - | - | 22.83 | 2.46 | 0.11 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-240/30R | - | - | - | 13.15 | - | - | OK |
| | 又X10 | 12.0×24.0=288.0 | TH-24D | - | - | - | 19.20 | 0.70 | 0.04 | OK |
| | 又 又X20 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.82 | 0.20 | OK |
| | 又X22 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.82 | 0.20 | OK |
| | 又 又X11 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | - | - | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | - | - | OK |
| | Y5 X0 | 欧州赤松集成材 | TH-18 | - | - | - | 13.37 | 0.79 | 0.06 | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 0.39 | 0.05 | OK |
| | Y5 X0 | 杉 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | 又X1 | 12.0×12.0=144.0 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | Y5 又 | 杉 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | X2 | 12.0×12.0=144.0 | TH-10 | - | - | - | 4.40 | 0.21 | 0.05 | OK |
| | Y5 X3 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 0.56 | 0.07 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 13.37 | 0.61 | 0.05 | OK |
| | 又Y5 又X18 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 1.04 | 0.12 | OK |
| | 又X22 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 1.04 | 0.12 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又Y5　又X14 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 0.41 | 0.03 | OK |
| | 又X16 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.22 | 0.14 | OK |
| | 又Y5　又X14 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 0.70 | 0.04 | OK |
| | 又X16 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 0.36 | 0.02 | OK |
| | 又Y5　又X19 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.82 | 0.20 | OK |
| | 又X20 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.82 | 0.20 | OK |
| | 又Y5　X10 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.78 | 0.06 | OK |
| | 又X13 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 0.82 | 0.04 | OK |
| | 又Y5　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 1.97 | 0.09 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 2.90 | 0.13 | OK |
| | 又Y5　又X7 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.41 | 0.02 | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 0.62 | 0.03 | OK |
| | 又Y5　又X17 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又X18 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.35 | 0.27 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 3.34 | 0.27 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.47 | 0.06 | OK |
| | X5 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.36 | 0.28 | OK |
| | 又　X3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.38 | 0.09 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.38 | 0.09 | OK |
| | 又　X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | － | － | OK |
| | X10 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又　又X19 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 1.55 | 0.12 | OK |
| | 又 | 12.0×21.0=252.0 | TH-18 | － | － | － | 13.37 | 1.17 | 0.09 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又X16 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.36 | 0.09 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.35 | 0.27 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 3.35 | 0.27 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 2.19 | 0.26 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 2.32 | 0.28 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.01 | 0.12 | OK |
| | 又X18 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 1.20 | 0.14 | OK |
| | 又　又X10 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 0.82 | 0.06 | OK |
| | 又X14 | 12.0×21.0=252.0 | TH-18 | － | － | － | 13.37 | 0.77 | 0.06 | OK |
| | 又　又X10 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | － | － | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 0.68 | 0.04 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.36 | 0.09 | OK |
| | 又X16 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.36 | 0.09 | OK |
| | 又　又X13 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 1.37 | 0.11 | OK |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 0.23 | 0.02 | OK |
| | Y6　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 3.35 | 0.17 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 3.35 | 0.17 | OK |
| | Y6　X3 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 1.25 | 0.09 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 2.56 | 0.30 | OK |
| | Y6　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 1.95 | 0.09 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 1.94 | 0.09 | OK |
| | Y6　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又Y6　X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | － | － | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | － | － | － | 13.37 | － | － | OK |
| | 又Y6　又X16 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 0.68 | 0.05 | OK |
| | 又X19 | 12.0×21.0=252.0 | TH-18 | － | － | － | 13.37 | 1.07 | 0.08 | OK |
| | 又Y6　又X11 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.78 | 0.06 | OK |
| | 又X15 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 0.82 | 0.07 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.35 | 0.27 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 3.35 | 0.27 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 2.37 | 0.28 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 2.37 | 0.28 | OK |
| | 又　又X9 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.10 | 0.13 | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.19 | 0.02 | OK |
| | Y7　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 5.66 | 0.45 | OK |
| | X3 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 5.56 | 0.44 | OK |
| | Y7　X3 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.15 | 0.33 | OK |
| | X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 4.15 | 0.22 | OK |
| | Y7　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 5.19 | 0.23 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 5.18 | 0.24 | OK |
| | Y7　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.52 | 0.36 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.52 | 0.36 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又Y7　X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | 0.71 | 0.08 | OK |
| | 又X11 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.40 | 0.05 | OK |
| | 又Y7　又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.47 | 0.08 | OK |
| | 又X16 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 1.55 | 0.08 | OK |
| | 又　X0 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又　X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | X5 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | 又　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | － | － | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | － | － | OK |
| | 又　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y8　X0 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 1.28 | 0.10 | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 13.37 | 3.97 | 0.30 | OK |
| | Y8　X3 | 欧州赤松集成材 | TH-18 | － | － | － | 13.37 | 4.00 | 0.30 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 13.37 | 4.00 | 0.30 | OK |
| | Y8　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 2.27 | 0.10 | OK |
| | X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 2.00 | 0.09 | OK |
| | Y8　X7 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 7.42 | 0.32 | OK |
| | 又X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 0.29 | 0.01 | OK |
| | Y8　又 | 杉 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | OK |
| | X9 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | OK |
| | Y8　又X9 | 欧州赤松集成材 | K15 | － | － | － | 99.00 | 0.55 | 0.01 | OK |
| | 又X12 | 12.0×18.0=216.0 | TH-10 | － | － | － | 4.40 | 0.78 | 0.18 | OK |
| | X0　Y1 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 0.52 | 0.03 | OK |
| | Y2 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 1.59 | 0.08 | OK |
| | X0　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.89 | 0.20 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.89 | 0.20 | OK |
| | X0　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.95 | 0.21 | OK |
| | 又Y2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.95 | 0.21 | OK |
| | X0　Y2 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 3.42 | 0.18 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 0.96 | 0.05 | OK |
| | X0　又Y2 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 1.08 | 0.24 | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | OK |
| | X0　Y3 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.50 | 0.11 | OK |
| | Y4 | 12.0×27.0=324.0 | TH-10D | － | － | － | 4.40 | 2.50 | 0.57 | OK |
| | X0　Y3 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 0.45 | 0.02 | OK |
| | Y4 | 12.0×30.0=360.0 | TH-24D | － | － | － | 19.20 | 1.12 | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 1.43 | 0.32 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 1.43 | 0.32 | OK |
| | X0　Y4 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 1.51 | 0.08 | OK |
| | Y5 | 12.0×30.0=360.0 | TH-24D | － | － | － | 19.20 | 0.80 | 0.04 | OK |
| | X0　Y5 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 1.34 | 0.31 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 1.34 | 0.31 | OK |
| | X0　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.95 | 0.22 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.95 | 0.22 | OK |
| | X0　Y5 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 0.77 | 0.04 | OK |
| | Y6 | 12.0×30.0=360.0 | TH-24D | － | － | － | 19.20 | 0.73 | 0.04 | OK |
| | X0　Y6 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.90 | 0.20 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.90 | 0.20 | OK |
| | X0　Y6 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 3.06 | 0.16 | OK |
| | Y8 | 12.0×30.0=360.0 | TH-24D | － | － | － | 19.20 | 0.60 | 0.03 | OK |
| | X0　Y7 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 1.13 | 0.26 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 1.13 | 0.26 | OK |
| | 又　Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 3.01 | 0.14 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 3.46 | 0.16 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | X2　Y4 | 欧州赤松集成材 | TH-18D | － | － | － | 13.37 | 0.32 | 0.02 | OK |
| | Y5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 0.80 | 0.10 | OK |
| | X2　Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.39 | 0.09 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.39 | 0.09 | OK |
| | 又X2　Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 2.90 | 0.13 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 3.34 | 0.15 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | － | － | OK |
| | X3　Y3 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 1.03 | 0.05 | OK |
| | Y4 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 1.03 | 0.08 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X3 Y4 | 欧州赤松集成材<br>12.0×30.0=360.0 | TH-24<br>TH-24D | －<br>－ | －<br>－ | －<br>－ | 12.49<br>19.20 | 0.65<br>2.32 | 0.05<br>0.12 | OK<br>OK |
| | X3<br>Y6 | 欧州赤松集成材<br>12.0×30.0=360.0 | TH-24D<br>TH-24D | －<br>－ | －<br>－ | －<br>－ | 19.20<br>19.20 | 3.21<br>2.42 | 0.17<br>0.13 | OK<br>OK |
| | X3 Y6<br>Y8 | 欧州赤松集成材<br>12.0×30.0=360.0 | TH-24D<br>TH-24D | －<br>－ | －<br>－ | －<br>－ | 19.20<br>19.20 | 4.46<br>0.49 | 0.23<br>0.03 | OK<br>OK |
| | Y3<br>Y4 | 欧州赤松集成材<br>12.0×27.0=324.0 | TH-18<br>TH-18D | －<br>－ | －<br>－ | －<br>－ | 8.42<br>13.37 | 0.50<br>1.99 | 0.06<br>0.15 | OK<br>OK |
| | Y4 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | Y4<br>Y5 | 欧州赤松集成材<br>12.0×21.0=252.0 | TH-18<br>TH-18 | －<br>－ | －<br>－ | －<br>－ | 8.42<br>8.42 | 1.86<br>1.00 | 0.22<br>0.12 | OK<br>OK |
| | Y5 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | Y6<br>Y5 | 欧州赤松集成材<br>12.0×30.0=360.0 | TH-24D<br>TH-24 | －<br>－ | －<br>－ | －<br>－ | 19.20<br>19.20 | 1.48<br>1.48 | 0.08<br>0.08 | OK<br>OK |
| | Y5 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | 0.80<br>0.80 | 0.19<br>0.19 | OK<br>OK |
| | | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | 0.35<br>0.35 | 0.08<br>0.08 | OK<br>OK |
| | 又 Y1<br>Y3 | 欧州赤松集成材<br>12.0×42.0=504.0 | TH-33<br>TH-33 | －<br>－ | －<br>－ | －<br>－ | 21.67<br>21.67 | 2.90<br>3.34 | 0.13<br>0.15 | OK<br>OK |
| | 又X4 又<br>Y5 | 欧州赤松集成材<br>12.0×15.0=180.0 | <br>TH-10 | －<br>－ | －<br>－ | －<br>－ | －<br>4.18 | 1.22<br>0.73 | －<br>0.18 | OK<br>OK |
| | X5 Y1<br>又 | 欧州赤松集成材<br>12.0×24.0=288.0 | TH-24D<br>鎌継120×240 | －<br>162.0 | －<br>91.1 | －<br>1.10 | 19.20<br>6.68 | 0.32<br>0.21 | 0.02<br>0.03 | OK<br>OK |
| | X5 又<br>Y3 | 欧州赤松集成材<br>12.0×24.0=288.0 | <br>TH-24D | －<br>－ | －<br>－ | －<br>－ | －<br>19.20 | 2.15<br>0.63 | －<br>0.03 | OK<br>OK |
| | X5 又<br>又Y2 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 又Y2<br>又 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 又<br>Y3 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 Y3<br>Y4 | 欧州赤松集成材<br>12.0×39.0=468.0 | TH-33D<br>TH-33D | －<br>－ | －<br>－ | －<br>－ | 22.83<br>22.83 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 Y3<br>Y4 | 欧州赤松集成材<br>12.0×21.0=252.0 | TH-18D<br>TH-18D | －<br>－ | －<br>－ | －<br>－ | 13.37<br>13.37 | 0.14<br>0.56 | 0.01<br>0.04 | OK<br>OK |
| | X5<br>Y4 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 Y4<br>Y5 | 欧州赤松集成材<br>12.0×33.0=396.0 | TH-33D<br>TH-33D | －<br>－ | －<br>－ | －<br>－ | 22.83<br>22.83 | 2.81<br>4.23 | 0.12<br>0.19 | OK<br>OK |
| | X5 Y5 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 又<br>Y5 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 Y5<br>Y7 | 欧州赤松集成材<br>12.0×33.0=396.0 | TH-33D<br>TH-33D | －<br>－ | －<br>－ | －<br>－ | 22.83<br>22.83 | 1.23<br>3.29 | 0.05<br>0.14 | OK<br>OK |
| | X5 Y6<br>又 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 Y7<br>Y6 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | X5 Y7<br>Y8 | 欧州赤松集成材<br>12.0×33.0=396.0 | TH-33D<br>TH-33D | －<br>－ | －<br>－ | －<br>－ | 22.83<br>22.83 | 0.41<br>0.49 | 0.02<br>0.02 | OK<br>OK |
| | 又 Y1<br>Y3 | 欧州赤松集成材<br>12.0×42.0=504.0 | TH-33<br>TH-33 | －<br>－ | －<br>－ | －<br>－ | 21.67<br>21.67 | 3.01<br>3.46 | 0.14<br>0.16 | OK<br>OK |
| | 又 Y3<br>Y4 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | －<br>－ | －<br>－ | OK<br>OK |
| | 又 Y3<br>Y4 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10D<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.40<br>4.40 | －<br>－ | －<br>－ | OK<br>OK |
| | 又 Y4<br>又 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | －<br>－ | －<br>－ | OK<br>OK |
| | 又 又<br>又 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | －<br>－ | －<br>－ | OK<br>OK |
| | 又 又<br>又Y5 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | －<br>－ | －<br>－ | OK<br>OK |
| | 又 又Y5<br>Y6 | 欧州赤松集成材<br>12.0×15.0=180.0 | TH-10<br>TH-10 | －<br>－ | －<br>－ | －<br>－ | 4.18<br>4.18 | －<br>－ | －<br>－ | OK<br>OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又　Y6 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又　Y7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y8 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又　Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 2.90 | 0.13 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 3.34 | 0.15 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | － | － | OK |
| | 又　Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 2.90 | 0.13 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 3.34 | 0.15 | OK |
| | 又X7　Y3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | － | － | OK |
| | 又X7　Y3 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 1.24 | 0.06 | OK |
| | 又 | 12.0×39.0=468.0 | TH-33D | － | － | － | 22.83 | 2.57 | 0.11 | OK |
| | 又X7　又 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 0.82 | 0.04 | OK |
| | 又Y5 | 12.0×39.0=468.0 | TH-33D | － | － | － | 22.83 | － | － | OK |
| | 又X7　又Y5 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 5.93 | 0.26 | OK |
| | Y8 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 6.32 | 0.29 | OK |
| | X8　Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 2.07 | 0.10 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 2.38 | 0.11 | OK |
| | X8　又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.70 | 0.08 | OK |
| | 又Y5 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | － | － | OK |
| | X9　Y1 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 0.52 | 0.02 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33D | － | － | － | 22.83 | 2.31 | 0.10 | OK |
| | X9　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.88 | 0.20 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.91 | 0.21 | OK |
| | X9　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.67 | 0.15 | OK |
| | 又Y2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.48 | 0.11 | OK |
| | X9　又Y2 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.81 | 0.18 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.81 | 0.18 | OK |
| | X9　又Y2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.91 | 0.21 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.89 | 0.20 | OK |
| | X9　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.20 | 0.05 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.10 | 0.02 | OK |
| | X9　Y3 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 5.32 | 0.23 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 4.01 | 0.18 | OK |
| | X9　Y3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.60 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.55 | 0.12 | OK |
| | X9　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.14 | 0.03 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.02 | － | OK |
| | X9　Y4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.58 | 0.13 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.28 | 0.06 | OK |
| | X9　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.32 | 0.07 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.32 | 0.07 | OK |
| | X9　又 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 1.98 | 0.09 | OK |
| | 又Y5 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 0.67 | 0.03 | OK |
| | X9　又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.06 | 0.01 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.07 | 0.02 | OK |
| | X9　又Y5 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.11 | 0.02 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.11 | 0.02 | OK |
| | X9　又Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.11 | 0.03 | OK |
| | X9　Y6 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.13 | 0.03 | OK |
| | 又Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.13 | 0.03 | OK |
| | X9　又Y5 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 4.65 | 0.20 | OK |
| | Y8 | 12.0×36.0=432.0 | TH-33D | － | － | － | 21.67 | 3.94 | 0.18 | OK |
| | X9　Y6 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | － | － | OK |
| | Y7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | － | － | OK |
| | X9　Y7 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.13 | 0.03 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.13 | 0.03 | OK |
| 1 | Y0　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.27 | 0.07 | OK |
| | 又X2 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 2.40 | 0.13 | OK |
| | Y0　又X2 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 2.38 | 0.12 | OK |
| | X4 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 0.18 | 0.01 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Y0　X4 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 1.21 | 0.05 | OK |
| | 又 | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 8.08 | 0.35 | OK |
| | Y0 | 杉 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | 又X5 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | Y0　又 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 9.78 | 0.43 | OK |
| | X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 22.83 | 0.67 | 0.03 | OK |
| | Y0　又X7 | 杉 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | Y0　又 | 杉 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | X9 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | 又Y0　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 7.49 | 0.35 | OK |
| | X4 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 8.04 | 0.37 | OK |
| | Y1　X0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.86 | 0.21 | OK |
| | 又X1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.86 | 0.21 | OK |
| | Y1　又X1 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.02 | 0.24 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.02 | 0.24 | OK |
| | Y1　又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.00 | 0.36 | OK |
| | 又X3 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 3.00 | 0.36 | OK |
| | Y1　又X3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.24 | 0.30 | OK |
| | X4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.24 | 0.30 | OK |
| | Y1　又X4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.01 | 0.24 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.23 | 0.29 | OK |
| | Y1　又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.79 | 0.30 | OK |
| | 又X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 3.79 | 0.30 | OK |
| | Y1　又X5 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.77 | 0.21 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.77 | 0.21 | OK |
| | Y1　又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.49 | 0.28 | OK |
| | 又 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 5.69 | 0.46 | OK |
| | Y1　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | Y1　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | X6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | Y1　X6 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.70 | 0.30 | OK |
| | | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 6.09 | 0.49 | OK |
| | Y1 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | Y1　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.88 | 0.21 | OK |
| | Y1　又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 1.61 | 0.13 | OK |
| | X9 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 1.56 | 0.12 | OK |
| | 又Y1　又X11 | 欧州赤松集成材 | | － | － | － | － | － | － | OK |
| | 又X12 | 12.0×45.0=540.0 | TH-45D | － | － | － | 25.30 | 8.04 | 0.32 | OK |
| | 又Y1　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 12.08 | 0.56 | OK |
| | X4 | 12.0×45.0=540.0 | TH-45 | － | － | － | 29.00 | 12.57 | 0.43 | OK |
| | 又Y1　X4 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.72 | 0.20 | OK |
| | 又 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 0.24 | 0.03 | OK |
| | 又Y1　又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.38 | 0.05 | OK |
| | 又X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 0.17 | 0.02 | OK |
| | 又　又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.26 | 0.26 | OK |
| | X9 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 2.75 | 0.22 | OK |
| | 又　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.17 | 0.28 | OK |
| | X4 | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 6.17 | 0.28 | OK |
| | 又　又X11 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.49 | 0.36 | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 4.14 | 0.33 | OK |
| | 又　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 8.11 | 0.36 | OK |
| | X4 | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | OK |
| | 又　又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 2.46 | 0.20 | OK |
| | 又X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 2.46 | 0.20 | OK |
| | 又　又X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | X6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　X6 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | ＯＫ |
| | 又X７ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | ＯＫ |
| | 又 又X７ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.28 | 0.07 | ＯＫ |
| | X８ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.28 | 0.07 | ＯＫ |
| | 又 X８ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.48 | 0.11 | ＯＫ |
| | X９ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.48 | 0.11 | ＯＫ |
| | 又 又X10 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 8.28 | 0.66 | ＯＫ |
| | 又X11 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 7.68 | 0.62 | ＯＫ |
| | 又 又X11 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | ＯＫ |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | ＯＫ |
| | 又 X９ | 欧州赤松集成材 | BAP-240/60L | － | － | － | 14.63 | 4.44 | 0.30 | ＯＫ |
| | 又X11 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 1.73 | 0.14 | ＯＫ |
| | 又 又X12 | 欧州赤松集成材 | TH-45D | － | － | － | 25.30 | 8.24 | 0.33 | ＯＫ |
| | 又X15 | 12.0×45.0=540.0 | TH-45D | － | － | － | 25.30 | 1.19 | 0.05 | ＯＫ |
| | 又 X０ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | ＯＫ |
| | X４ | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | ＯＫ |
| | 又 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 2.69 | 0.22 | ＯＫ |
| | 又X５ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 2.69 | 0.22 | ＯＫ |
| | 又 又X10 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.69 | 0.40 | ＯＫ |
| | 又X11 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.69 | 0.40 | ＯＫ |
| | 又 X９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 7.52 | 0.08 | ＯＫ |
| | 又X12 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 8.21 | 0.38 | ＯＫ |
| | 又 X０ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | ＯＫ |
| | X４ | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | ＯＫ |
| | 又 X９ | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | 2.88 | 0.34 | ＯＫ |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.88 | 0.34 | ＯＫ |
| | 又 又X９ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.78 | 0.19 | ＯＫ |
| | 又X10 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.78 | 0.19 | ＯＫ |
| | 又 又X10 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.71 | 0.41 | ＯＫ |
| | 又X10 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.71 | 0.41 | ＯＫ |
| | Y２ X０ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 8.11 | 0.36 | ＯＫ |
| | X４ | 12.0×36.0=432.0 | TH-33 | － | － | － | 22.83 | 8.11 | 0.36 | ＯＫ |
| | Y２ X４ | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 6.15 | 0.27 | ＯＫ |
| | X６ | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 7.04 | 0.31 | ＯＫ |
| | Y２ X６ | 欧州赤松集成材 | TH-45 | － | － | － | 25.30 | 4.69 | 0.19 | ＯＫ |
| | X９ | 12.0×45.0=540.0 | TH-45 | － | － | － | 25.30 | 0.51 | 0.02 | ＯＫ |
| | 又Y２ X９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 7.10 | 0.07 | ＯＫ |
| | 又X12 | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 9.46 | 0.41 | ＯＫ |
| | 又Y２ X９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 4.29 | 0.04 | ＯＫ |
| | 又X13 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 3.16 | 0.15 | ＯＫ |
| | 又Y２ 又X10 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.90 | 0.45 | ＯＫ |
| | 又X11 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.90 | 0.45 | ＯＫ |
| | X０ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | ＯＫ |
| | X４ | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 8.11 | 0.37 | ＯＫ |
| | 又 又X18 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 1.34 | 0.06 | ＯＫ |
| | 又X20 | 12.0×39.0=468.0 | TH-33D | － | － | － | 22.83 | 1.49 | 0.07 | ＯＫ |
| | 又 又X15 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 5.72 | 0.25 | ＯＫ |
| | 又X16 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 5.21 | 0.24 | ＯＫ |
| | 又 又X11 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 2.09 | 0.50 | ＯＫ |
| | 又X11 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 2.09 | 0.50 | ＯＫ |
| | 又 X９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 5.98 | 0.06 | ＯＫ |
| | 又X13 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 4.95 | 0.23 | ＯＫ |
| | X０ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 8.10 | 0.37 | ＯＫ |
| | X４ | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 8.10 | 0.37 | ＯＫ |
| | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.03 | 0.24 | ＯＫ |
| | 又X５ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 3.03 | 0.24 | ＯＫ |
| | 又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | ＯＫ |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | ＯＫ |
| | X６ | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | ＯＫ |
| | | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | ＯＫ |
| | 又 又X16 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 2.35 | 0.28 | ＯＫ |
| | 又X17 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.06 | 0.24 | ＯＫ |
| | 又 又X11 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 2.28 | 0.55 | ＯＫ |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 2.28 | 0.55 | ＯＫ |
| | 又 又X17 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.54 | 0.13 | ＯＫ |
| | 又X18 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.54 | 0.13 | ＯＫ |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又　X9 | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 6.38 | 0.06 | OK |
| | 又X14 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 5.72 | 0.26 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 0.34 | 0.02 | OK |
| | 又X18 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 0.19 | 0.01 | OK |
| | Y3　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 1.62 | 0.07 | OK |
| | X3 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 5.90 | 0.26 | OK |
| | Y3　X0 | 杉 | TH-10 | － | － | － | 4.40 | 0.22 | 0.05 | OK |
| | 又X1 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.22 | 0.05 | OK |
| | Y3　又X1 | 杉 | TH-10 | － | － | － | 4.40 | 0.22 | 0.05 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.22 | 0.05 | OK |
| | Y3　X3 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 3.56 | 0.16 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33 | － | － | － | 22.83 | 4.29 | 0.19 | OK |
| | Y3　X5 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 5.46 | 0.24 | OK |
| | X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 5.05 | 0.22 | OK |
| | Y3　X7 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.56 | 0.02 | OK |
| | X9 | 12.0×33.0=396.0 | TH-33D | － | － | － | 22.83 | 12.76 | 0.56 | OK |
| | 又Y3　又X14 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.56 | 0.13 | OK |
| | 又X15 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.81 | 0.19 | OK |
| | 又Y3　又X18 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又X18 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又Y3　又X16 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.35 | 0.08 | OK |
| | 又X17 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.35 | 0.08 | OK |
| | 又Y3　又X12 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 2.32 | 0.55 | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 2.32 | 0.55 | OK |
| | 又Y3　又X14 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.84 | 0.20 | OK |
| | 又X15 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.84 | 0.20 | OK |
| | 又Y3　又X15 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.30 | 0.31 | OK |
| | 又X15 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 1.30 | 0.30 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 5.57 | 0.45 | OK |
| | X3 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 5.57 | 0.45 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.00 | 0.32 | OK |
| | X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 4.00 | 0.32 | OK |
| | X5 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 7.92 | 0.37 | OK |
| | X7 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 7.76 | 0.36 | OK |
| | X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.84 | 0.44 | OK |
| | X8 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.84 | 0.44 | OK |
| | X8 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.48 | 0.06 | OK |
| | X9 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 0.48 | 0.06 | OK |
| | 又　又X17 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 1.02 | 0.08 | OK |
| | 又X18 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 1.86 | 0.15 | OK |
| | 又　X9 | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 6.77 | 0.07 | OK |
| | 又X14 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 6.50 | 0.30 | OK |
| | 又　又X18 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又X19 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又　又X16 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又X17 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又　又X12 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.96 | 0.47 | OK |
| | 又X13 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.96 | 0.47 | OK |
| | 又　又X20 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 3.13 | 0.16 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 3.12 | 0.16 | OK |
| | 又　又X13 | 欧州赤松集成材 | 蟻仕口120×180 | 123.9 | 72.3 | 1.10 | 5.30 | 2.39 | 0.45 | OK |
| | 又X14 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.86 | 0.22 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 5.63 | 0.25 | OK |
| | 又X19 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 3.02 | 0.14 | OK |
| | 又　又X17 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 2.32 | 0.28 | OK |
| | 又X19 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.65 | 0.31 | OK |
| | 又　又X19 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.24 | 0.29 | OK |
| | 又X22 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 7.29 | 0.34 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.27 | 0.34 | OK |
| | X3 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 4.27 | 0.34 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.09 | 0.25 | OK |
| | X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 3.09 | 0.25 | OK |
| | X5 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 7.92 | 0.37 | OK |
| | X7 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 7.76 | 0.36 | OK |
| | X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.84 | 0.44 | OK |
| | X8 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.84 | 0.44 | OK |
| | X8 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.85 | 0.07 | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 0.85 | 0.07 | OK |

| 階 | 位置 | | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 | 又X17 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | | 又X17 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又 | 又X9 | 欧州赤松集成材 | TH-33D | － | － | － | 21.67 | 1.45 | 0.07 | OK |
| | | 又X10 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 1.63 | 0.08 | OK |
| | 又 | X9 | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 8.57 | 0.09 | OK |
| | | 又X15 | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 7.33 | 0.32 | OK |
| | 又 | 又X14 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | | 又X15 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又 | 又X18 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.70 | 0.31 | OK |
| | | 又X21 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 9.71 | 0.45 | OK |
| | Y4 | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.80 | 0.06 | OK |
| | | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 5.50 | 0.29 | OK |
| | Y4 | X0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.21 | 0.05 | OK |
| | | X1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.21 | 0.05 | OK |
| | Y4 | X1 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.33 | 0.07 | OK |
| | | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.33 | 0.07 | OK |
| | Y4 | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.46 | 0.10 | OK |
| | | X3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.46 | 0.10 | OK |
| | Y4 | X3 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 10.92 | 0.48 | OK |
| | | X5 | 12.0×36.0=432.0 | TH-33 | － | － | － | 22.83 | 9.67 | 0.42 | OK |
| | 又Y4 | 又X14 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.30 | 0.34 | OK |
| | | 又X15 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 4.30 | 0.34 | OK |
| | 又Y4 | 又X12 | 欧州赤松集成材 | 蟻仕口120×180 | 123.9 | 72.3 | 1.10 | 5.30 | 2.32 | 0.44 | OK |
| | | 又X12 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.07 | 0.25 | OK |
| | 又Y4 | 又X17 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 4.69 | 0.22 | OK |
| | | 又X20 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 5.48 | 0.25 | OK |
| | 又Y4 | X5 | 欧州赤松集成材 | | － | － | － | － | 6.77 | － | OK |
| | | X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 6.69 | 0.31 | OK |
| | 又Y4 | X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.64 | 0.39 | OK |
| | | X8 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.64 | 0.39 | OK |
| | 又Y4 | X8 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.47 | 0.11 | OK |
| | | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.47 | 0.11 | OK |
| | 又Y4 | 又X13 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 2.54 | 0.11 | OK |
| | | 又X15 | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 2.40 | 0.11 | OK |
| | 又Y4 | 又X9 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 7.05 | 0.33 | OK |
| | | 又X15 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 7.11 | 0.33 | OK |
| | 又Y4 | 又X15 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | | 又X15 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又Y4 | 又X17 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 4.91 | 0.23 | OK |
| | | 又X19 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 9.09 | 0.40 | OK |
| | 又Y4 | 又X13 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | | 又X13 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | OK |
| | 又Y4 | 又X15 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.65 | 0.43 | OK |
| | | 又X17 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 3.64 | 0.43 | OK |
| | 又Y4 | 又X16 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 7.76 | 0.34 | OK |
| | | 又X20 | 12.0×36.0=432.0 | TH-33 | － | － | － | 22.83 | 1.67 | 0.07 | OK |
| | 又Y4 | 又X16 | 欧州赤松集成材 | TH-18D | － | － | － | 13.37 | 6.08 | 0.45 | OK |
| | | 又X18 | 12.0×30.0=360.0 | TH-18 | － | － | － | 8.42 | 5.31 | 0.63 | OK |
| | | | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.29 | 0.31 | OK |
| | | 又X4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.29 | 0.31 | OK |
| | | 又X4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.29 | 0.31 | OK |
| | | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.29 | 0.31 | OK |
| | 又 | 又X20 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | OK |
| | | 又X21 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | OK |
| | 又 | X5 | 欧州赤松集成材 | | － | － | － | － | 5.99 | － | OK |
| | | X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 5.95 | 0.26 | OK |
| | 又 | X7 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.16 | 0.01 | OK |
| | | X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 21.67 | 0.47 | 0.02 | OK |
| | 又 | 又X16 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 3.87 | 0.18 | OK |
| | | 又X19 | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 8.04 | 0.37 | OK |
| | 又 | 又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 5.60 | 0.45 | OK |
| | | 又X13 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 5.60 | 0.29 | OK |
| | 又 | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.53 | 0.03 | OK |
| | | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | － | － | OK |
| | 又 | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 5.65 | 0.25 | OK |
| | | X3 | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 6.74 | 0.30 | OK |
| | 又 | X3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.71 | 0.16 | OK |
| | | | 12.0×18.0=216.0 | TH-10 | － | － | － | 4.18 | 0.71 | 0.17 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又　又X10 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 9.13 | 0.42 | ＯＫ |
| | 又X16 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 10.07 | 0.46 | ＯＫ |
| | 又　又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 4.17 | 0.19 | ＯＫ |
| | 又X18 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 3.14 | 0.14 | ＯＫ |
| | 又　又X19 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | ＯＫ |
| | 又X20 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | ＯＫ |
| | 又　又X13 | 杉 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | ＯＫ |
| | 又X14 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.83 | 0.20 | ＯＫ |
| | 又　又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.53 | 0.30 | ＯＫ |
| | 又X17 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 4.45 | 0.21 | ＯＫ |
| | X０ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.59 | 0.14 | ＯＫ |
| | X１ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.59 | 0.14 | ＯＫ |
| | X１ | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.78 | 0.45 | ＯＫ |
| | X３ | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 4.09 | 0.49 | ＯＫ |
| | X３ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 11.74 | 0.54 | ＯＫ |
| | X５ | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 10.38 | 0.48 | ＯＫ |
| | X５ | 欧州赤松集成材 | | － | － | － | － | 11.08 | － | ＯＫ |
| | X７ | 12.0×55.0=660.0 | TH-51 | － | － | － | 36.19 | 18.83 | 0.52 | ＯＫ |
| | X８ | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.48 | 0.06 | ＯＫ |
| | X９ | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.48 | 0.06 | ＯＫ |
| | 又　又X18 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | ＯＫ |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.47 | 0.35 | ＯＫ |
| | 又　又X12 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 2.65 | 0.31 | ＯＫ |
| | 又X15 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.32 | 0.28 | ＯＫ |
| | 又　又X10 | 杉 | TH-10 | － | － | － | 4.18 | 1.39 | 0.33 | ＯＫ |
| | 又X11 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 1.39 | 0.33 | ＯＫ |
| | 又　又X18 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.74 | 0.18 | ＯＫ |
| | 又X18 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.74 | 0.18 | ＯＫ |
| | 又　又X14 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.73 | 0.31 | ＯＫ |
| | 又X16 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 6.91 | 0.32 | ＯＫ |
| | 又　又X17 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | ＯＫ |
| | 又X18 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | ＯＫ |
| | 又　X８ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 1.08 | 0.09 | ＯＫ |
| | X９ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 1.08 | 0.09 | ＯＫ |
| | 又　又X15 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.81 | 0.43 | ＯＫ |
| | 又X16 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.81 | 0.43 | ＯＫ |
| | 又　又X13 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 9.73 | 0.43 | ＯＫ |
| | 又X16 | 12.0×36.0=432.0 | TH-33 | － | － | － | 22.83 | 8.50 | 0.37 | ＯＫ |
| | 又　又X13 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 0.69 | 0.04 | ＯＫ |
| | 又X16 | 12.0×30.0=360.0 | TH-24D | － | － | － | 19.20 | 8.51 | 0.44 | ＯＫ |
| | X０ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.62 | 0.15 | ＯＫ |
| | X１ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.62 | 0.15 | ＯＫ |
| | X１ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.59 | 0.30 | ＯＫ |
| | X３ | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 10.98 | 0.51 | ＯＫ |
| | X３ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 7.78 | 0.62 | ＯＫ |
| | X５ | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 6.30 | 0.50 | ＯＫ |
| | 又X６ | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.01 | 0.24 | ＯＫ |
| | X７ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.01 | 0.24 | ＯＫ |
| | 又　又X11 | 杉 | TH-10 | － | － | － | 4.18 | 1.48 | 0.35 | ＯＫ |
| | 又X11 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 1.48 | 0.35 | ＯＫ |
| | 又　X７ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 0.14 | 0.01 | ＯＫ |
| | X８ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 2.95 | 0.24 | ＯＫ |
| | 又　X８ | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.09 | 0.13 | ＯＫ |
| | X９ | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.09 | 0.13 | ＯＫ |
| | 又　X９ | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 0.48 | － | ＯＫ |
| | 又X13 | 12.0×39.0=468.0 | TH-33 | － | － | － | 22.83 | 1.90 | 0.08 | ＯＫ |
| | 又　又X21 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.61 | 0.39 | ＯＫ |
| | 又X22 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.61 | 0.39 | ＯＫ |
| | 又　又X14 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.81 | 0.43 | ＯＫ |
| | 又X15 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.81 | 0.43 | ＯＫ |
| | 又　又X20 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.61 | 0.39 | ＯＫ |
| | 又X21 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.61 | 0.39 | ＯＫ |
| | 又　又X13 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.51 | 0.36 | ＯＫ |
| | 又X14 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.51 | 0.36 | ＯＫ |
| | Y５　X０ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 1.02 | 0.04 | ＯＫ |
| | X３ | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 9.12 | 0.42 | ＯＫ |
| | Y５　X３ | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 9.05 | 0.42 | ＯＫ |
| | X５ | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 7.64 | 0.35 | ＯＫ |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Y5 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.99 | 0.24 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.99 | 0.24 | OK |
| | Y5 X7 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 1.94 | 0.23 | OK |
| | X8 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 1.67 | 0.20 | OK |
| | Y5 X8 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 0.48 | 0.06 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 0.48 | 0.06 | OK |
| | 又Y5 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 1.61 | 0.39 | OK |
| | 又X20 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 1.61 | 0.39 | OK |
| | 又Y5 X9 | 欧州赤松集成材 | BAP-240/60L | - | - | - | 14.63 | 4.20 | 0.29 | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 4.57 | 0.37 | OK |
| | 又Y5 又X18 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.33 | 0.08 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.33 | 0.08 | OK |
| | 又Y5 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.81 | 0.19 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.81 | 0.19 | OK |
| | 又Y5 又X18 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 6.39 | 0.51 | OK |
| | 又X19 | 12.0×30.0=360.0 | TH-24 | - | - | - | 12.49 | 6.09 | 0.49 | OK |
| | 又Y5 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.74 | 0.18 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.74 | 0.18 | OK |
| | 又Y5 X10 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 2.84 | 0.68 | OK |
| | 又X10 | 12.0×15.0=180.0 | TH-10D | - | - | - | 4.40 | 1.92 | 0.44 | OK |
| | 又Y5 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 1.74 | 0.42 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.40 | 1.74 | 0.40 | OK |
| | 又Y5 X7 | 欧州赤松集成材 | TH-33 | - | - | - | 22.83 | 11.81 | 0.52 | OK |
| | X9 | 12.0×33.0=396.0 | TH-33 | - | - | - | 22.83 | 3.81 | 0.17 | OK |
| | 又Y5 X9 | 欧州赤松集成材 | TH-18 | - | - | - | 13.37 | 1.81 | 0.14 | OK |
| | 又X9 | 12.0×18.0=216.0 | 蟻仕口120×120 | 69.6 | 30.9 | 1.10 | 2.27 | 1.81 | 0.80 | OK |
| | X1 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 4.19 | 0.34 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 4.19 | 0.34 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 7.97 | 0.64 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 12.49 | 7.12 | 0.57 | OK |
| | 又 又X18 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 1.82 | 0.22 | OK |
| | 又X19 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 2.03 | 0.24 | OK |
| | 又 又X19 | 欧州赤松集成材 | TH-33 | - | - | - | 22.83 | 4.21 | 0.18 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33 | - | - | - | 22.83 | 4.64 | 0.20 | OK |
| | 又 X3 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.64 | 0.15 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.64 | 0.15 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-240/60L | - | - | - | 14.63 | 0.49 | 0.03 | OK |
| | 又X13 | 12.0×24.0=288.0 | TH-24 | - | - | - | 19.20 | 1.68 | 0.09 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 0.62 | 0.05 | OK |
| | X1 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 0.62 | 0.05 | OK |
| | X1 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 4.19 | 0.34 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 4.19 | 0.34 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 4.96 | 0.40 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 12.49 | 4.67 | 0.37 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 1.46 | 0.35 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 1.46 | 0.35 | OK |
| | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 4.37 | 0.52 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 4.37 | 0.52 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 8.58 | 1.06 | 0.12 | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 1.06 | 0.13 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-18 | - | - | - | 13.37 | 0.95 | 0.07 | OK |
| | 又X12 | 12.0×18.0=216.0 | TH-18 | - | - | - | 13.37 | 0.95 | 0.07 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-24D | - | - | - | 19.20 | 4.80 | 0.25 | OK |
| | 又X12 | 12.0×30.0=360.0 | TH-24D | - | - | - | 19.20 | 9.02 | 0.47 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 1.95 | 0.23 | OK |
| | 又X16 | 12.0×18.0=216.0 | 蟻仕口120×180 | 123.9 | 72.3 | 1.10 | 5.30 | 2.42 | 0.46 | OK |
| | Y6 X0 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.62 | 0.15 | OK |
| | X1 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.62 | 0.15 | OK |
| | Y6 X1 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 4.19 | 0.34 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 4.19 | 0.34 | OK |
| | Y6 X3 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 11.66 | 0.54 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | - | - | - | 21.67 | 8.80 | 0.41 | OK |
| | Y6 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 1.44 | 0.35 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 1.44 | 0.35 | OK |
| | Y6 X7 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 4.27 | 0.51 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 4.27 | 0.51 | OK |
| | 又Y6 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 8.58 | 1.91 | 0.22 | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 1.91 | 0.23 | OK |

| 階 | 位置 | | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又Y6 | 又X16 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 1.76 | 0.08 | OK |
| | | 又X19 | 12.0×36.0=432.0 | TH-33 | － | － | － | 22.83 | 11.41 | 0.50 | OK |
| | 又Y6 | 又X11 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.71 | 0.38 | OK |
| | | 又X15 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 4.63 | 0.37 | OK |
| | | X1 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.19 | 0.34 | OK |
| | | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 4.19 | 0.34 | OK |
| | | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 4.00 | 0.48 | OK |
| | | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 4.00 | 0.48 | OK |
| | | 又X6 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.44 | 0.35 | OK |
| | | X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.44 | 0.35 | OK |
| | | X7 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 4.27 | 0.51 | OK |
| | | X9 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 4.27 | 0.51 | OK |
| | 又 | 又X11 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.41 | 0.17 | OK |
| | | 又X15 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.41 | 0.17 | OK |
| | 又 | X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | 2.47 | 0.29 | OK |
| | | 又X11 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.47 | 0.29 | OK |
| | 又 | 又X12 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 2.12 | 0.25 | OK |
| | | 又X15 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 2.12 | 0.25 | OK |
| | Y7 | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.21 | 0.01 | OK |
| | | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 0.43 | 0.03 | OK |
| | Y7 | X0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.99 | 0.23 | OK |
| | | X1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.99 | 0.23 | OK |
| | Y7 | X1 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 2.39 | 0.54 | OK |
| | | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 2.39 | 0.54 | OK |
| | Y7 | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 2.75 | 0.62 | OK |
| | | X3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 2.75 | 0.62 | OK |
| | Y7 | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.22 | 0.38 | OK |
| | | X5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 2.30 | 0.27 | OK |
| | Y7 | 又X6 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.44 | 0.35 | OK |
| | | X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.44 | 0.35 | OK |
| | Y7 | X7 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 4.27 | 0.51 | OK |
| | | X9 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 4.27 | 0.51 | OK |
| | 又Y7 | X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | 3.02 | 0.35 | OK |
| | | 又X11 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 3.02 | 0.36 | OK |
| | 又Y7 | 又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.31 | 0.07 | OK |
| | | 又X16 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 2.91 | 0.15 | OK |
| | | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.28 | 0.34 | OK |
| | | X3 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 4.28 | 0.34 | OK |
| | | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.09 | 0.37 | OK |
| | | X5 | 12.0×21.0=252.0 | TH-18D | － | － | － | 13.37 | 3.09 | 0.23 | OK |
| | | X5 | 欧州赤松集成材 | TH-51 | － | － | － | 32.89 | 10.31 | 0.31 | OK |
| | | X7 | 15.0×55.0=825.0 | TH-51 | － | － | － | 36.19 | 19.51 | 0.54 | OK |
| | | X7 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.32 | 0.39 | OK |
| | | X9 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 3.32 | 0.39 | OK |
| | 又 | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 4.28 | 0.34 | OK |
| | | X3 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 4.28 | 0.34 | OK |
| | 又 | X3 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 3.09 | 0.14 | OK |
| | | X5 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 3.09 | 0.14 | OK |
| | 又 | X5 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.27 | 0.29 | OK |
| | | X7 | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 7.69 | 0.35 | OK |
| | 又 | X7 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.32 | 0.39 | OK |
| | | X9 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 3.32 | 0.39 | OK |
| | 又 | X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 8.58 | 3.42 | 0.40 | OK |
| | | 又X12 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 3.42 | 0.41 | OK |
| | Y8 | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 8.26 | 0.38 | OK |
| | | X3 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 5.57 | 0.26 | OK |
| | Y8 | X3 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 1.66 | 0.08 | OK |
| | | 又X4 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 1.66 | 0.08 | OK |
| | Y8 | 又X4 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.26 | 0.07 | OK |
| | | X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 1.26 | 0.07 | OK |
| | Y8 | 又X4 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 1.13 | 0.05 | OK |
| | | X5 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 1.13 | 0.05 | OK |
| | Y8 | X5 | 欧州赤松集成材 | TH-45 | － | － | － | 25.30 | 1.65 | 0.07 | OK |
| | | X7 | 12.0×45.0=540.0 | TH-45 | － | － | － | 25.30 | 1.36 | 0.05 | OK |
| | Y8 | X7 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 3.43 | 0.18 | OK |
| | | X9 | 12.0×24.0=288.0 | TH-24 | － | － | － | 19.20 | 1.57 | 0.08 | OK |
| | Y8 | 又 | 杉 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | | X9 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.29 | 0.07 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Y8 X9 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.76 | 0.17 | OK |
| | 又X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 1.63 | 0.37 | OK |
| | Y8 又X9 | 欧州赤松集成材 | K15 | － | － | － | 99.00 | 0.94 | 0.01 | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 1.37 | 0.31 | OK |
| | Y9 X0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 0.34 | 0.02 | OK |
| | 又X4 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 0.43 | 0.02 | OK |
| | Y9 X3 | 杉 | TH-10 | － | － | － | 4.40 | 0.40 | 0.09 | OK |
| | 又X3 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.40 | 0.09 | OK |
| | Y9 又X3 | 杉 | TH-10 | － | － | － | 4.40 | 0.40 | 0.09 | OK |
| | 又X4 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.40 | 0.40 | 0.09 | OK |
| | Y10 X0 | 欧州赤松集成材 | TH-24 | － | － | － | 3.75 | － | － | OK |
| | 又X4 | 12.0×30.0=360.0 | TH-24 | － | － | － | 3.75 | － | － | OK |
| | X0 Y0 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 4.06 | 0.18 | OK |
| | 又 | 12.0×42.0=504.0 | TH-33D | － | － | － | 22.83 | 4.26 | 0.19 | OK |
| | X0 Y0 | 杉 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | 又Y0 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | X0 又Y0 | 杉 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | 又Y1 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | OK |
| | X0 又 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 1.49 | 0.07 | OK |
| | Y2 | 12.0×42.0=504.0 | TH-33D | － | － | － | 22.83 | 7.03 | 0.31 | OK |
| | X0 Y2 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 7.03 | 0.31 | OK |
| | Y3 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 1.49 | 0.07 | OK |
| | X0 Y3 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 10.55 | 0.46 | OK |
| | 又 | 12.0×33.0=396.0 | TH-33D | － | － | － | 22.83 | 1.67 | 0.07 | OK |
| | X0 Y4 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.39 | 0.09 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.39 | 0.09 | OK |
| | X0 又 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | － | － | OK |
| | | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | － | － | OK |
| | X0 又 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 1.62 | 0.08 | OK |
| | Y5 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 0.75 | 0.04 | OK |
| | X0 又 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 1.12 | 0.06 | OK |
| | | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 1.20 | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.73 | 0.17 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.73 | 0.17 | OK |
| | X0 Y5 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 1.77 | 0.40 | OK |
| | | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 1.77 | 0.40 | OK |
| | X0 Y5 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 4.93 | 0.26 | OK |
| | Y7 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 1.51 | 0.08 | OK |
| | X0 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.73 | 0.17 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.73 | 0.17 | OK |
| | X0 Y6 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 1.77 | 0.40 | OK |
| | Y7 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 1.77 | 0.40 | OK |
| | X0 Y7 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 3.63 | 0.16 | OK |
| | Y10 | 12.0×33.0=396.0 | | － | － | － | － | － | － | OK |
| | X1 Y4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.97 | 0.23 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.97 | 0.23 | OK |
| | X1 又 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.49 | 0.28 | OK |
| | Y5 | 12.0×30.0=360.0 | TH-24 | － | － | － | 12.49 | 0.66 | 0.05 | OK |
| | X1 Y5 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.73 | 0.30 | OK |
| | Y7 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 3.73 | 0.30 | OK |
| | 又X1 又Y0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 2.15 | 0.17 | OK |
| | 又Y1 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 2.34 | 0.19 | OK |
| | 又X1 Y4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.97 | 0.23 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.97 | 0.23 | OK |
| | 又 又Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.25 | 0.29 | OK |
| | 又Y1 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 6.02 | 0.28 | OK |
| | 又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | OK |
| | 又 Y3 | 杉 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 杉 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 杉 | TH-10 | － | － | － | 4.18 | 0.17 | 0.04 | OK |
| | Y4 | 12.0×12.0=144.0 | TH-10 | － | － | － | 4.18 | 0.17 | 0.04 | OK |
| | 又 Y4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.09 | 0.26 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.09 | 0.26 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | － | － | OK |
| | 又Y0 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | － | － | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又　又Y1 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.17 | 0.04 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.17 | 0.04 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | Y2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又　Y2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | X2　Y4 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 2.34 | 0.19 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 3.26 | 0.26 | OK |
| | X2　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.59 | 0.14 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.59 | 0.14 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.66 | 0.08 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18D | － | － | － | 13.37 | 0.66 | 0.05 | OK |
| | X3　Y3 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 6.65 | 0.29 | OK |
| | Y4 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 3.52 | 0.15 | OK |
| | X3　Y4 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 4.15 | 0.18 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 5.61 | 0.25 | OK |
| | X3　Y4 | 欧州赤松集成材 | TH-10D | － | － | － | 4.40 | 0.28 | 0.06 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.28 | 0.06 | OK |
| | X3　又 | 欧州赤松集成材 | G2 | － | － | － | 93.00 | 76.10 | 0.82 | OK |
| | 又 | 15.0×80.0=1200.0 | G2 | － | － | － | 93.00 | 69.81 | 0.75 | OK |
| | X3　又 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 0.40 | 0.02 | OK |
| | Y9 | 12.0×33.0=396.0 | TH-33 | － | － | － | 21.67 | 0.22 | 0.01 | OK |
| | 又X3　又Y0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 7.12 | 0.57 | OK |
| | 又Y1 | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 6.79 | 0.54 | OK |
| | Y4 | 欧州赤松集成材 | | － | － | － | － | 10.30 | － | OK |
| | | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 3.93 | 0.47 | OK |
| | | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.07 | 0.26 | OK |
| | | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 1.77 | 0.14 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 1.77 | 0.14 | OK |
| | X4　Y0 | 欧州赤松集成材 | TH-45D | － | － | － | 25.30 | 7.49 | 0.30 | OK |
| | Y2 | 12.0×45.0=540.0 | TH-45D | － | － | － | 25.30 | 4.56 | 0.18 | OK |
| | X4　Y2 | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 6.20 | 0.27 | OK |
| | Y3 | 12.0×36.0=432.0 | TH-33 | － | － | － | 21.67 | 2.60 | 0.12 | OK |
| | X4　又 | 杉 | TH-10D | － | － | － | 4.40 | 0.26 | 0.06 | OK |
| | Y3 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.26 | 0.06 | OK |
| | 又X4　Y0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.51 | 0.12 | OK |
| | 又Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 1.05 | 0.25 | OK |
| | 又X4　又 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 0.66 | 0.03 | OK |
| | Y10 | 12.0×33.0=396.0 | | － | － | － | － | － | － | OK |
| | 又X4　Y4 | 欧州赤松集成材 | | － | － | － | － | 5.52 | － | OK |
| | | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 4.05 | 0.48 | OK |
| | 又X4 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.80 | 0.21 | OK |
| | | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.80 | 0.21 | OK |
| | 又X4 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | Y0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.43 | 0.10 | OK |
| | Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.09 | 0.02 | OK |
| | Y1 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.68 | 0.16 | OK |
| | 又Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.68 | 0.16 | OK |
| | 又　Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 9.76 | 0.45 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 10.31 | 0.48 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 Y2 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.71 | 0.30 | OK |
| | Y3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 4.64 | 0.37 | OK |
| | X5 Y0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.52 | 0.12 | OK |
| | Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.52 | 0.12 | OK |
| | X5 Y1 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.02 | 0.12 | OK |
| | 又Y1 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.02 | 0.12 | OK |
| | X5 又Y1 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.98 | 0.24 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.98 | 0.24 | OK |
| | X5 又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 0.37 | 0.04 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 0.37 | 0.04 | OK |
| | X5 又 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.98 | 0.24 | OK |
| | Y2 | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.98 | 0.24 | OK |
| | X5 Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 1.98 | 0.24 | OK |
| | | 12.0×18.0=216.0 | TH-18 | － | － | － | 8.42 | 1.98 | 0.24 | OK |
| | X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.89 | 0.21 | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10D | － | － | － | 4.40 | 0.89 | 0.20 | OK |
| | X5 Y3 | 欧州赤松集成材 | TH-45D | － | － | － | 25.30 | 10.76 | 0.43 | OK |
| | Y4 | 12.0×45.0=540.0 | TH-45D | － | － | － | 25.30 | 14.85 | 0.59 | OK |
| | X5 Y4 | 欧州赤松集成材 | G1 | － | － | － | 100.00 | 77.38 | 0.77 | OK |
| | | 15.0×123.0=1845.0 | G1 | － | － | － | 100.00 | 68.18 | 0.68 | OK |
| | X5 | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 1.11 | 0.06 | OK |
| | Y8 | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 0.74 | 0.04 | OK |
| | X5 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 7.60 | 0.33 | OK |
| | Y8 | 12.0×36.0=432.0 | TH-33D | － | － | － | 22.83 | 4.70 | 0.21 | OK |
| | 又X5 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 10.20 | 0.47 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 10.04 | 0.46 | OK |
| | 又X5 Y2 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 3.52 | 0.28 | OK |
| | Y3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 4.48 | 0.36 | OK |
| | 又X5 Y3 | 杉 | TH-10 | － | － | － | 4.18 | 0.58 | 0.14 | OK |
| | | 12.0×12.0=144.0 | 105大入れ | 144.0 | 144.0 | 0.66 | 6.34 | 0.58 | 0.09 | OK |
| | 又X5 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.58 | 0.16 | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.58 | 0.16 | OK |
| | 又X5 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.58 | 0.16 | OK |
| | 又Y4 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.58 | 0.16 | OK |
| | 又X5 又Y4 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.31 | 0.09 | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.31 | 0.09 | OK |
| | 又X5 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.39 | 0.11 | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.39 | 0.11 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 9.55 | 0.44 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 8.65 | 0.40 | OK |
| | 又 Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.31 | 0.39 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 3.31 | 0.39 | OK |
| | | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.17 | 0.05 | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.17 | 0.05 | OK |
| | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | Y8 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 10.61 | 0.49 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 8.90 | 0.41 | OK |
| | 又 Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.31 | 0.39 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 3.31 | 0.39 | OK |
| | 又 Y3 | 杉 | TH-10 | － | － | － | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×12.0=144.0 | 105大入れ | 144.0 | 144.0 | 0.66 | 6.34 | 0.66 | 0.10 | OK |
| | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | 又Y4 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | 又 又Y4 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.33 | 0.09 | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.33 | 0.09 | OK |
| | 又 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.42 | 0.12 | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.42 | 0.12 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 21.67 | 6.70 | 0.31 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 21.67 | 8.00 | 0.37 | OK |
| | 又 Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 8.42 | 3.31 | 0.39 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 8.42 | 3.31 | 0.39 | OK |
| | | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.17 | 0.05 | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.17 | 0.05 | OK |
| | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | Y8 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/m㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X6 Y0 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 9.00 | 0.42 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33D | - | - | - | 22.83 | 8.53 | 0.37 | OK |
| | X6 Y2 | 欧州赤松集成材 | TH-24D | - | - | - | 19.20 | 1.87 | 0.10 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 2.64 | 0.21 | OK |
| | X6 Y3 | 杉 | TH-10 | - | - | - | 4.18 | 0.66 | 0.16 | OK |
| | | 12.0×12.0=144.0 | 105大入れ | 144.0 | 144.0 | 0.66 | 6.34 | 0.66 | 0.10 | OK |
| | X6 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | X6 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | 又Y4 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.66 | 0.19 | OK |
| | X6 又Y4 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.33 | 0.09 | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.33 | 0.09 | OK |
| | X6 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.42 | 0.12 | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.66 | 3.56 | 0.42 | 0.12 | OK |
| | 又X6 | 欧州赤松集成材 | TH-51 | - | - | - | 36.19 | 14.35 | 0.40 | OK |
| | | 15.0×55.0=825.0 | TH-51 | - | - | - | 36.19 | 15.35 | 0.42 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.61 | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.61 | 0.15 | OK |
| | 又X6 又 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 1.63 | 0.39 | OK |
| | Y8 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 1.63 | 0.39 | OK |
| | Y0 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 10.94 | 0.50 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | - | - | - | 21.67 | 8.97 | 0.41 | OK |
| | Y2 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 2.97 | 0.35 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | - | - | - | 8.42 | 2.97 | 0.35 | OK |
| | X7 Y2 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 0.99 | 0.08 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24D | - | - | - | 19.20 | 2.08 | 0.11 | OK |
| | X7 Y3 | 欧州赤松集成材 | TH-45D | - | - | - | 25.30 | 17.03 | 0.67 | OK |
| | 又 | 12.0×45.0=540.0 | TH-45D | - | - | - | 25.30 | 18.32 | 0.72 | OK |
| | X7 又 | 欧州赤松集成材 | TH-33D | - | - | - | 22.83 | 13.17 | 0.58 | OK |
| | 又Y5 | 12.0×55.0=660.0 | TH-33D | - | - | - | 22.83 | 2.90 | 0.13 | OK |
| | X7 又Y5 | 欧州赤松集成材 | TH-33D | - | - | - | 22.83 | 3.85 | 0.17 | OK |
| | Y8 | 12.0×55.0=660.0 | TH-33D | - | - | - | 22.83 | 1.17 | 0.05 | OK |
| | X7 又 | 杉 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | 又Y6 | 12.0×12.0=144.0 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | X7 又 | 杉 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | Y8 | 12.0×12.0=144.0 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | 又X7 Y0 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 6.70 | 0.31 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | - | - | - | 21.67 | 8.00 | 0.37 | OK |
| | 又X7 Y2 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 2.12 | 0.25 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 2.12 | 0.25 | OK |
| | 又X7 又 | 杉 | TH-10D | - | - | - | 4.40 | - | - | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | - | - | - | 4.40 | - | - | OK |
| | 又X7 又 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 1.20 | 0.10 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 1.20 | 0.10 | OK |
| | 又X7 又 | 杉 | TH-10D | - | - | - | 4.40 | - | - | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | - | - | - | 4.40 | - | - | OK |
| | 又X7 又 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.32 | 0.08 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.32 | 0.08 | OK |
| | 又X7 Y5 | 欧州赤松集成材 | TH-10 | - | - | - | 4.18 | 0.42 | 0.10 | OK |
| | 又Y5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 4.18 | 0.42 | 0.10 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-33 | - | - | - | 21.67 | 12.89 | 0.59 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | - | - | - | 21.67 | 9.01 | 0.42 | OK |
| | 又 Y2 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 3.25 | 0.39 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 3.25 | 0.39 | OK |
| | X8 Y0 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | - | - | OK |
| | Y1 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | - | - | OK |
| | X8 Y1 | 欧州赤松集成材 | TH-18 | - | - | - | 8.42 | 0.77 | 0.09 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | - | - | - | 8.42 | 0.77 | 0.09 | OK |
| | X8 又 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 3.73 | 0.30 | OK |
| | Y2 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 3.73 | 0.30 | OK |
| | X8 Y3 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 6.07 | 0.49 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | - | - | - | 12.49 | 7.10 | 0.57 | OK |
| | X8 又 | 杉 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | X8 又 | 欧州赤松集成材 | TH-24 | - | - | - | 12.49 | 1.62 | 0.13 | OK |
| | 又Y5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 12.49 | 2.03 | 0.16 | OK |
| | X8 又 | 杉 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | - | - | - | 4.40 | 0.22 | 0.05 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X８　Y２ | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 2.58 | 0.21 | ＯＫ |
| | Y３ | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 2.58 | 0.21 | ＯＫ |
| | X９　Y０ | 欧州赤松集成材 | TH-33D | － | － | － | 22.83 | 0.74 | 0.03 | ＯＫ |
| | Y２ | 12.0×42.0=504.0 | TH-33D | － | － | － | 22.83 | 8.57 | 0.38 | ＯＫ |
| | X９　又Y１ | 杉 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | ＯＫ |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | ＯＫ |
| | X９　又 | 杉 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | ＯＫ |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.29 | 0.07 | ＯＫ |
| | X９　Y２ | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 11.78 | 0.61 | ＯＫ |
| | Y３ | 12.0×39.0=468.0 | K39 | － | － | － | 99.00 | 10.08 | 0.10 | ＯＫ |
| | X９　Y３ | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 7.39 | 0.32 | ＯＫ |
| | 又Y５ | 12.0×39.0=468.0 | TH-33D | － | － | － | 22.83 | 4.81 | 0.21 | ＯＫ |
| | X９　又Y５ | 欧州赤松集成材 | TH-24D | － | － | － | 19.20 | 3.86 | 0.20 | ＯＫ |
| | Y８ | 12.0×24.0=288.0 | TH-24D | － | － | － | 19.20 | 2.55 | 0.13 | ＯＫ |
| | X９　又 | 杉 | TH-10D | － | － | － | 4.40 | 0.23 | 0.05 | ＯＫ |
| | 又Y６ | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.23 | 0.05 | ＯＫ |
| | X９　又Y６ | 杉 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | X９　又 | 杉 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | 又Y７ | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | X９　又Y７ | 杉 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | X９　又 | 杉 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | Y８ | 12.0×12.0=144.0 | TH-10D | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |

②母屋

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又　X０ | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.50 | 0.11 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.50 | 0.11 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.50 | 0.11 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.50 | 0.11 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.50 | 0.11 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.50 | 0.11 | ＯＫ |
| | X９ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.21 | 0.05 | ＯＫ |
| | 又　X０ | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | 又X２ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | 又　又X２ | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | X５ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | 又　X５ | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.51 | 0.12 | ＯＫ |
| | X９ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.22 | 0.05 | ＯＫ |
| | 又　又X11 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.28 | 0.06 | ＯＫ |
| | 又X13 | 12.0×15.0=180.0 | | － | － | － | － | 0.28 | － | ＯＫ |
| | 又Y２　X０ | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | ＯＫ |
| | 又Y２　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又Y２　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | ＯＫ |
| | 又Y２　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | 又Y２　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.49 | 0.11 | ＯＫ |
| | X９ | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.21 | 0.05 | ＯＫ |
| | 又　X９ | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.24 | － | ＯＫ |
| | 又X11 | 12.0×15.0=180.0 | | － | － | － | － | 0.50 | － | ＯＫ |
| | 又　X０ | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.38 | 0.09 | ＯＫ |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.38 | 0.09 | ＯＫ |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | 又X2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | 又　又X2 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | 又　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.38 | 0.09 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.35 | 0.08 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.15 | 0.03 | OK |
| | 又　又X10 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.45 | 0.09 | OK |
| | 又X14 | 12.0×15.0=180.0 | | － | － | － | － | 0.20 | － | OK |
| | Y3　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.40 | 0.02 | OK |
| | 又 | 12.0×30.0=360.0 | TH-24 | － | － | － | 19.20 | 0.40 | 0.02 | OK |
| | Y3　又 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.37 | 0.02 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | － | － | － | 19.20 | 0.37 | 0.02 | OK |
| | Y3　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.47 | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.47 | 0.11 | OK |
| | Y3　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.44 | 0.10 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.44 | 0.10 | OK |
| | 又Y3　又X11 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.14 | 0.03 | OK |
| | 又X14 | 12.0×15.0=180.0 | | － | － | － | － | 0.16 | － | OK |
| | 又Y3　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.45 | － | OK |
| | 又X10 | 12.0×15.0=180.0 | | － | － | － | － | 0.45 | － | OK |
| | 又Y3　又X17 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.26 | 0.05 | OK |
| | 又X19 | 12.0×15.0=180.0 | | － | － | － | － | 0.26 | － | OK |
| | 又　又X11 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.38 | 0.08 | OK |
| | 又X15 | 12.0×15.0=180.0 | | － | － | － | － | 0.26 | － | OK |
| | 又　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.04 | － | OK |
| | 又X11 | 12.0×15.0=180.0 | | － | － | － | － | 0.14 | － | OK |
| | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 12.49 | 1.12 | 0.09 | OK |
| | | 12.0×24.0=288.0 | TH-24 | － | － | － | 12.49 | 1.12 | 0.09 | OK |
| | | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.44 | 0.11 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.18 | 0.44 | 0.11 | OK |
| | Y4　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.35 | 0.02 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.20 | 0.01 | OK |
| | Y4 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.44 | 0.02 | OK |
| | X5 | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.44 | 0.02 | OK |
| | Y4　X5 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.52 | 0.03 | OK |
| | 又X7 | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.53 | 0.03 | OK |
| | Y4　又X7 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.71 | 0.04 | OK |
| | X9 | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.71 | 0.04 | OK |
| | 又Y4　又X12 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.34 | 0.07 | OK |
| | 又X16 | 12.0×15.0=180.0 | | － | － | － | － | 0.21 | － | OK |
| | 又Y4　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.22 | － | OK |
| | 又X11 | 12.0×15.0=180.0 | | － | － | － | － | 0.38 | － | OK |
| | 又Y4　又X14 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.16 | 0.03 | OK |
| | 又X17 | 12.0×15.0=180.0 | | － | － | － | － | 0.23 | － | OK |
| | 又Y4　又X16 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.24 | 0.05 | OK |
| | 又X20 | 12.0×15.0=180.0 | | － | － | － | － | 0.22 | － | OK |
| | 又　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.45 | 0.10 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.45 | 0.10 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.45 | 0.10 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.45 | 0.10 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.45 | 0.10 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.45 | 0.10 | OK |
| | 又　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.60 | 0.14 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.60 | 0.14 | OK |
| | 又　又X19 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.26 | 0.05 | OK |
| | 又X21 | 12.0×15.0=180.0 | | － | － | － | － | 0.26 | － | OK |
| | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 1.09 | 0.05 | OK |
| | | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 0.67 | 0.03 | OK |
| | | 欧州赤松集成材 | TH-33 | － | － | － | 22.83 | 0.70 | 0.03 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | － | － | － | 22.83 | 0.70 | 0.03 | OK |
| | 又　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.42 | － | OK |
| | 又X12 | 12.0×15.0=180.0 | | － | － | － | － | 0.34 | － | OK |
| | 又　又X10 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.16 | 0.03 | OK |
| | 又X14 | 12.0×15.0=180.0 | | － | － | － | － | 0.21 | － | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/m㎡) | QLa<br>（kN） | QL<br>（kN） | 検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又　又X13 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.48 | 0.10 | OK |
| | 又X16 | 12.0×15.0=180.0 | | － | － | － | － | 0.48 | － | OK |
| | 又　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.53 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.53 | 0.12 | OK |
| | 又　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.53 | 0.12 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.53 | 0.12 | OK |
| | 又　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.70 | 0.16 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.70 | 0.16 | OK |
| | 又　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.13 | － | OK |
| | 又X10 | 12.0×15.0=180.0 | | － | － | － | － | 0.21 | － | OK |
| | 又　又X15 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.48 | 0.10 | OK |
| | 又X19 | 12.0×15.0=180.0 | | － | － | － | － | 0.48 | － | OK |
| | Y5　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.49 | 0.03 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.28 | 0.01 | OK |
| | Y5 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.61 | 0.03 | OK |
| | X5 | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.61 | 0.03 | OK |
| | 又Y5　又X18 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 56.4 | 1.10 | 4.14 | 0.48 | 0.12 | OK |
| | 又X22 | 12.0×18.0=216.0 | | － | － | － | － | 0.22 | － | OK |
| | 又Y5　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.53 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.53 | 0.12 | OK |
| | 又Y5　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | OK |
| | 又Y5　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.54 | 0.12 | OK |
| | 又Y5　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.72 | 0.16 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.72 | 0.16 | OK |
| | 又　又X12 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.10 | 4.97 | 0.48 | 0.10 | OK |
| | 又X15 | 12.0×15.0=180.0 | | － | － | － | － | 0.48 | － | OK |
| | 又　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.32 | 0.07 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 12.49 | 1.32 | 0.11 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.18 | 0.52 | 0.12 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.52 | 0.12 | OK |
| | 又　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | 0.24 | － | OK |
| | 又X13 | 12.0×15.0=180.0 | | － | － | － | － | 0.48 | － | OK |
| | 又　又X15 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 56.4 | 1.10 | 4.14 | 0.48 | 0.12 | OK |
| | 又X18 | 12.0×18.0=216.0 | | － | － | － | － | 0.48 | － | OK |
| | Y6　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 1.54 | 0.08 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 1.54 | 0.08 | OK |
| | Y6 | 欧州赤松集成材 | TH-24 | － | － | － | 19.20 | 0.61 | 0.03 | OK |
| | X5 | 12.0×27.0=324.0 | TH-24 | － | － | － | 19.20 | 0.61 | 0.03 | OK |
| | Y6　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.57 | 0.13 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.57 | 0.13 | OK |
| | Y6　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.57 | 0.13 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.57 | 0.13 | OK |
| | Y6　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.57 | 0.13 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.57 | 0.13 | OK |
| | Y6　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.77 | 0.17 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.77 | 0.17 | OK |
| | 又Y6　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 99.00 | － | － | OK |
| | 又X12 | 12.0×15.0=180.0 | | － | － | － | － | 0.45 | － | OK |
| | Y7　X0 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.41 | 0.09 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.41 | 0.09 | OK |
| | Y7　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.55 | 0.12 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.55 | 0.12 | OK |
| | Y7　X3 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.34 | 0.08 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.34 | 0.08 | OK |
| | Y7　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.41 | 0.09 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.41 | 0.09 | OK |
| | Y7　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.42 | 0.10 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.42 | 0.10 | OK |
| | Y7　又 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.42 | 0.10 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.42 | 0.10 | OK |
| | Y7　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 4.40 | 0.55 | 0.13 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 4.40 | 0.55 | 0.13 | OK |

(2) 短期時の検討

ａ）水平構面外周横架材端部の必要引張耐力ＴＮ１の算定

Ｑａ　：当該水平構面の許容耐力（kN）
Ｌ　　：当該水平構面の奥行き長さ（m）
ΔＱａ：当該水平構面の単位長さあたりの許容せん断耐力（kN/m）（=Ｑａ/Ｌ）
ｌ　　：当該水平構面のスパン（m）
ＴＮ１：水平構面外周横架材の継手・仕口の必要引張耐力（kN）（=1/2・ΔＱａ・ｌ）
Ｔａ　：金物の許容引張耐力（kN）

2階横架材端部接合部の金物検定位置図

2階横架材端部接合部の金物検定表

| 方向 | 位置 | Ｑａ(kN) | Ｌ(m) | ΔＱａ(kN/m) | ｌ(m) | ＴＮ１(kN) |
|---|---|---|---|---|---|---|
| X | X0<br>Y4 | 56.54 | 26.45 | 2.14 | 0.70 | 0.74 |
| X | X0<br>Y2 | 38.44 | 21.02 | 1.83 | 3.15 | 2.88 |
| Y | X7<br>Y8 | 42.19 | 20.29 | 2.08 | 5.92 | 6.15 |
| Y | 又X6<br>Y1 | 42.19 | 20.29 | 2.08 | 5.92 | 6.15 |
| Y | 又X3<br>Y1 | 106.40 | 20.29 | 5.25 | 3.21 | 8.41 |

1階横架材端部接合部の金物検定位置図

1階横架材端部接合部の金物検定表

| 方向 | 位置 | Ｑａ(kN) | Ｌ(m) | ΔＱａ(kN/m) | l (m) | ＴＮ１(kN) |
|---|---|---|---|---|---|---|
| X | XO | 136.82 | 28.10 | 4.87 | 0.19 | 0.47 |
| X | XO<br>又 | 158.71 | 27.25 | 5.82 | 0.54 | 1.58 |
| X | XO<br>又 | 101.31 | 18.84 | 5.38 | 0.50 | 1.34 |
| Y | 又<br>YO | 80.56 | 21.39 | 3.77 | 4.10 | 7.71 |
| Y | 又X２<br>YO | 130.14 | 23.21 | 5.61 | 0.91 | 2.55 |

b) 筋かい端部が取り付く柱と横架材端部の接合部の必要引張耐力ＴＮ２の算定

TN2 = 筋かいの壁倍率×1.96×筋かい壁の実長×Cμ

Cμ = 1-(筋かい高さ/筋かい実長)×0.4　但しCμが負の場合、Cμ=0.0

| 階 | 位置 | 筋かい壁倍率 | 実長(m) | 高さ(m) | Cμ | TN2(kN) |
|---|---|---|---|---|---|---|
| 2 | XOY1 | 2.50 | 0.91 | 3.54 | 0.00 | 0.00 |
| | XOY4 | 2.50 | 1.20 | 3.54 | 0.00 | 0.00 |
| | X5Y7 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | XOY4 | 2.50 | 1.20 | 3.54 | 0.00 | 0.00 |
| | XOY1 | 2.50 | 0.91 | 3.54 | 0.00 | 0.00 |
| | X5Y1 | 2.50 | 0.91 | 3.54 | 0.00 | 0.00 |
| | XOY8 | 2.50 | 1.02 | 3.54 | 0.00 | 0.00 |
| | XOY3 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | X3Y3 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | XOY5 | 2.50 | 0.91 | 3.54 | 0.00 | 0.00 |
| | 又X6Y3 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | XOY6 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | X9Y1 | 2.50 | 1.37 | 3.54 | 0.00 | 0.00 |
| | X3Y6 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | X5Y7 | 2.50 | 0.91 | 3.54 | 0.00 | 0.00 |
| | X5Y7 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | X9Y3 | 2.50 | 1.37 | 3.54 | 0.00 | 0.00 |
| | 又又 | 2.50 | 0.91 | 3.54 | 0.00 | 0.00 |
| | 又又 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| | 又X12又 | 2.50 | 1.82 | 3.54 | 0.22 | 1.98 |
| 1 | XOY5 | 2.50 | 1.82 | 3.70 | 0.19 | 1.66 |
| | XO又 | 2.50 | 1.53 | 3.70 | 0.03 | 0.24 |
| | XOY5 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | XO又 | 2.50 | 1.20 | 3.70 | 0.00 | 0.00 |
| | X9Y8 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | X9Y8 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | X9YO | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | XOY7 | 2.50 | 0.88 | 3.70 | 0.00 | 0.00 |
| | X3又 | 2.50 | 1.20 | 3.70 | 0.00 | 0.00 |
| | XO又 | 2.50 | 1.53 | 3.70 | 0.03 | 0.24 |
| | X7Y8 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | X7又Y5 | 2.50 | 1.14 | 3.70 | 0.00 | 0.00 |
| | X4Y2 | 2.50 | 1.65 | 3.70 | 0.10 | 0.83 |
| | X4Y2 | 2.50 | 1.50 | 3.70 | 0.01 | 0.09 |
| | X9YO | 2.50 | 1.10 | 3.70 | 0.00 | 0.00 |
| | X3又 | 2.50 | 1.20 | 3.70 | 0.00 | 0.00 |
| | XOY7 | 2.50 | 0.88 | 3.70 | 0.00 | 0.00 |
| | XOY5 | 2.50 | 1.82 | 3.70 | 0.19 | 1.66 |
| | XOY5 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | XO又 | 2.50 | 1.53 | 3.70 | 0.03 | 0.24 |
| | XO又 | 2.50 | 1.20 | 3.70 | 0.00 | 0.00 |
| | X9YO | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | X7Y8 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | X9Y8 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |

| 階 | 位置 | 筋かい壁倍率 | 実長(m) | 高さ(m) | Cμ | TN2(kN) |
|---|---|---|---|---|---|---|
| 1 | X9Y8 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | X9Y2 | 2.50 | 1.37 | 3.70 | 0.00 | 0.00 |
| | X9Y3 | 2.50 | 1.37 | 3.70 | 0.00 | 0.00 |
| | 又X16又Y6 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | 又X20又 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | 又X15又 | 2.50 | 1.37 | 3.70 | 0.00 | 0.00 |
| | 又X13又Y4 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | 又X13又 | 2.50 | 2.28 | 3.70 | 0.35 | 3.89 |
| | 又X16又Y4 | 2.50 | 1.36 | 3.70 | 0.00 | 0.00 |
| | 又X15又 | 2.50 | 1.46 | 3.70 | 0.00 | 0.00 |
| | 又X15又 | 2.50 | 1.36 | 3.70 | 0.00 | 0.00 |
| | 又X13又Y4 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |
| | 又X15又 | 2.50 | 1.27 | 3.70 | 0.00 | 0.00 |
| | 又X16又Y4 | 2.50 | 1.37 | 3.70 | 0.00 | 0.00 |
| | 又X19又 | 2.50 | 0.91 | 3.70 | 0.00 | 0.00 |

c) 横架材端部接合の検討

QSa = 横架材端部接合部の短期許容せん断耐力(kN)
QN = 地震用鉛直荷重による横架材端部のせん断力(kN)
Ta = 接合部の許容引張耐力(kN)
TN1 = 水平構面外周横架材端部の必要引張耐力（地震時／風圧時の最大値）(kN)
TN2 = 筋かい端部が取り付く柱と横架材端部の接合部の必要引張耐力(kN)

①梁

| 階 | 位置 | | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y1 | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 0.69 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | | 又X3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 33.20 | 5.90 | 0.18 | 40.30 | 8.41 | － | 0.21 | 0.39 | OK |
| | Y1 | X0 | 杉 | TH-10 | － | － | － | 6.40 | 0.28 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | | 又X1 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.28 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | Y1 | 又X3 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 5.90 | 0.18 | 40.30 | 8.41 | － | 0.21 | 0.39 | OK |
| | | X5 | 12.0×42.0=504.0 | TH-33 | － | － | － | 33.20 | 4.41 | 0.13 | 40.30 | － | － | － | 0.13 | OK |
| | Y1 | X5 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 0.69 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | | 又X6 | 12.0×42.0=504.0 | TH-33 | － | － | － | 33.20 | 5.90 | 0.18 | 40.30 | 6.15 | － | 0.15 | 0.33 | OK |
| | Y1 | X5 | 杉 | TH-10 | － | － | － | 6.40 | 0.28 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | | | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.28 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | Y1 | 又X6 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 4.86 | 0.15 | 40.30 | 6.15 | － | 0.15 | 0.30 | OK |
| | | X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 33.20 | 2.84 | 0.09 | 40.30 | － | － | － | 0.09 | OK |
| | 又Y1 | 又X11 | 欧州赤松集成材 | | － | － | － | － | 0.21 | － | － | － | － | － | － | OK |
| | | 又X12 | 12.0×15.0=180.0 | TH-10D | － | － | － | 6.40 | 1.01 | 0.16 | 13.60 | － | － | － | 0.16 | OK |
| | 又 | X8 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | X9 | 12.0×27.0=324.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 0.47 | 0.03 | 40.70 | － | － | － | 0.03 | OK |
| | | 又X14 | 12.0×24.0=288.0 | TH-24 | － | － | － | 27.92 | 2.32 | 0.08 | 34.80 | － | － | － | 0.08 | OK |
| | 又 | 又X11 | 杉 | TH-10 | － | － | － | 6.40 | 0.49 | 0.08 | 13.60 | － | － | － | 0.08 | OK |
| | | 又X12 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.49 | 0.08 | 13.60 | － | － | － | 0.08 | OK |
| | 又 | 又X10 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 5.78 | 0.18 | 57.60 | － | － | － | 0.18 | OK |
| | | 又X14 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 5.91 | 0.19 | 57.60 | － | － | － | 0.19 | OK |
| | 又 | X0 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | 又X2 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又X2 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | X5 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | 又 | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |
| | | X8 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | － | － | 40.70 | － | － | － | － | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又　X8 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又　X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 3.36 | 0.04 | 99.00 | - | - | - | 0.04 | OK |
| | 又X12 | 12.0×42.0=504.0 | | - | - | - | - | 1.40 | - | - | - | - | - | - | OK |
| | 又　X8 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又　X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 4.19 | 0.05 | 99.00 | - | - | - | 0.05 | OK |
| | 又X13 | 12.0×42.0=504.0 | TH-33 | - | - | - | 31.52 | 5.90 | 0.19 | 57.60 | - | - | - | 0.19 | OK |
| | 又Y2　X8 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X9 | 12.0×27.0=324.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又　又X14 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 2.13 | 0.08 | 34.80 | - | - | - | 0.08 | OK |
| | 又X16 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 1.61 | 0.06 | 34.80 | - | - | - | 0.06 | OK |
| | 又　又X12 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又　又X18 | 欧州赤松集成材 | TH-18D | - | - | - | 19.44 | - | - | 27.10 | - | - | - | - | OK |
| | 又X19 | 12.0×18.0=216.0 | TH-18D | - | - | - | 19.44 | - | - | 27.10 | - | - | - | - | OK |
| | 又 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又X2 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又X2 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又　X8 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又　又X10 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又　又X19 | 欧州赤松集成材 | TH-18D | - | - | - | 19.44 | 1.50 | 0.08 | 27.10 | - | - | - | 0.08 | OK |
| | 又X21 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 4.03 | 0.21 | 27.10 | - | - | - | 0.21 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.58 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | 又X18 | 12.0×18.0=216.0 | TH-18 | - | - | - | 19.44 | 0.29 | 0.01 | 27.10 | - | - | - | 0.01 | OK |
| | Y3　X0 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 0.82 | 0.02 | 40.30 | - | 1.98 | 0.05 | 0.07 | OK |
| | X3 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 6.29 | 0.19 | 40.30 | - | 1.98 | 0.05 | 0.24 | OK |
| | Y3　又 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.97 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | 又 | 12.0×30.0=360.0 | TH-24 | - | - | - | 27.92 | 1.60 | 0.06 | 34.80 | - | - | - | 0.06 | OK |
| | Y3　X3 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 4.09 | 0.12 | 40.30 | - | - | - | 0.12 | OK |
| | X5 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 0.41 | 0.01 | 40.30 | - | - | - | 0.01 | OK |
| | Y3　X5 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 0.62 | 0.02 | 40.30 | - | - | - | 0.02 | OK |
| | 又X6 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 6.46 | 0.19 | 40.30 | - | 1.98 | 0.05 | 0.24 | OK |
| | Y3　又X6 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 4.46 | 0.13 | 40.30 | - | - | - | 0.13 | OK |
| | X9 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 3.61 | 0.11 | 40.30 | - | - | - | 0.11 | OK |
| | Y3　又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.14 | 0.18 | 13.60 | - | - | - | 0.18 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.49 | 0.08 | 13.60 | - | - | - | 0.08 | OK |
| | 又Y3　X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 1.75 | 0.02 | 99.00 | - | - | - | 0.02 | OK |
| | 又X11 | 12.0×42.0=504.0 | TH-33 | - | - | - | 31.52 | 2.57 | 0.08 | 57.60 | - | - | - | 0.08 | OK |
| | 又Y3　又X9 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又X10 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又　又X16 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | - | - | 13.60 | - | - | - | - | OK |
| | 又X17 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又　又X16 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.80 | 0.09 | 27.10 | - | - | - | 0.09 | OK |
| | 又X19 | 12.0×18.0=216.0 | TH-18 | - | - | - | 19.44 | 1.25 | 0.06 | 27.10 | - | - | - | 0.06 | OK |
| | 又　X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又　X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又X17 | 12.0×21.0=252.0 | TH-18D | - | - | - | 19.44 | 0.70 | 0.04 | 27.10 | - | - | - | 0.04 | OK |
| | 又　又X14 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.34 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又X14 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.34 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又　又X18 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | Y4　X0 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 3.68 | 0.13 | 34.80 | - | - | - | 0.13 | OK |
| | X2 | 12.0×30.0=360.0 | TH-24 | - | - | - | 27.92 | 4.06 | 0.15 | 34.80 | - | - | - | 0.15 | OK |
| | Y4　X2 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.64 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 27.92 | 1.04 | 0.04 | 34.80 | - | - | - | 0.04 | OK |
| | Y4　X5 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 2.77 | 0.08 | 40.30 | - | - | - | 0.08 | OK |
| | 又X7 | 12.0×39.0=468.0 | TH-33 | - | - | - | 31.52 | 2.75 | 0.09 | 57.60 | - | - | - | 0.09 | OK |
| | Y4　又X7 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又Y4 又X12 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.62 | 0.03 | 40.70 | - | - | - | 0.03 | OK |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又Y4 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | - | - | 22.20 | - | - | - | - | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又Y4 又X12 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.34 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 0.34 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | 又Y4 又X21 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.62 | 0.08 | 27.10 | - | - | - | 0.08 | OK |
| | 又 | 12.0×21.0=252.0 | TH-18D | - | - | - | 19.44 | 0.58 | 0.03 | 27.10 | - | - | - | 0.03 | OK |
| | 又Y4 X2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.59 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.59 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | 又Y4 X2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | 又Y4 又X16 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.41 | 0.20 | 30.60 | - | - | - | 0.20 | OK |
| | 又X20 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.62 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | X0 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.66 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 1.66 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.56 | 0.09 | 10.30 | - | - | - | 0.09 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.56 | 0.09 | 10.30 | - | - | - | 0.09 | OK |
| | 又 又X12 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 6.30 | 0.19 | 40.30 | - | 1.98 | 0.05 | 0.24 | OK |
| | 又X16 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 0.55 | 0.02 | 40.30 | - | - | - | 0.02 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | - | - | 40.70 | - | - | - | - | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 0.20 | 0.01 | 40.70 | - | - | - | 0.01 | OK |
| | 又 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 2.39 | 0.08 | 57.60 | - | - | - | 0.08 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 2.38 | 0.07 | 40.30 | - | - | - | 0.07 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 0.68 | 0.03 | 27.10 | - | - | - | 0.03 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 19.44 | - | - | 27.10 | - | - | - | - | OK |
| | 又 又X12 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又X14 | 12.0×21.0=252.0 | TH-18D | - | - | - | 19.44 | 0.70 | 0.04 | 27.10 | - | - | - | 0.04 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.54 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.54 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | 又 X0 | 杉 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | 又X1 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | 又 又 | 杉 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | X2 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.10 | 0.09 | 30.60 | - | - | - | 0.09 | OK |
| | 又X17 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 0.94 | 0.08 | 30.60 | - | - | - | 0.08 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又X15 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X0 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.10 | 0.17 | 30.60 | - | - | - | 0.17 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.10 | 0.17 | 30.60 | - | - | - | 0.17 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.39 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.39 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.56 | 0.09 | 10.30 | - | - | - | 0.09 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.56 | 0.09 | 10.30 | - | - | - | 0.09 | OK |
| | 又 又X17 | 欧州赤松集成材 | TH-18D | - | - | - | 19.44 | 1.79 | 0.09 | 27.10 | - | - | - | 0.09 | OK |
| | 又X19 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 0.41 | 0.02 | 27.10 | - | - | - | 0.02 | OK |
| | 又 又X17 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.68 | 0.09 | 27.10 | - | - | - | 0.09 | OK |
| | 又X21 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 1.68 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | 又 又X13 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.80 | 0.09 | 27.10 | - | - | - | 0.09 | OK |
| | 又X16 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.54 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | X0 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.45 | 0.20 | 30.60 | - | - | - | 0.20 | OK |
| | X2 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.45 | 0.20 | 30.60 | - | - | - | 0.20 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.80 | 0.13 | 10.30 | - | - | - | 0.13 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.80 | 0.13 | 13.60 | - | - | - | 0.13 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.06 | 0.17 | 13.60 | - | - | - | 0.17 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.06 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| | 又 又X16 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又X17 | 12.0×18.0=216.0 | TH-18 | - | - | - | 19.44 | - | - | 27.10 | - | - | - | - | OK |
| | 又 又X20 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又X21 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.41 | 0.07 | 10.30 | - | - | - | 0.07 | OK |
| | 又 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 2.79 | 0.09 | 57.60 | - | - | - | 0.09 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 2.78 | 0.09 | 57.60 | - | - | - | 0.09 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.68 | 0.06 | 30.60 | - | - | - | 0.06 | OK |
| | X8 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 0.68 | 0.06 | 30.60 | - | - | - | 0.06 | OK |
| | 又 X8 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.35 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.35 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又 X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 1.27 | 0.02 | 99.00 | - | - | - | 0.02 | OK |
| | 又X12 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 3.42 | 0.10 | 40.30 | - | - | - | 0.10 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-240/30R | - | - | - | 19.12 | - | - | 19.40 | - | - | - | - | OK |
| | 又X10 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 0.70 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | 又 又X20 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.82 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又X22 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.82 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 又X11 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y5 X0 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 0.79 | 0.04 | 27.10 | - | - | - | 0.04 | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.39 | 0.03 | 30.60 | - | - | - | 0.03 | OK |
| | Y5 X0 | 杉 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | 又X1 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | Y5 又 | 杉 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | X2 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | Y5 X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.56 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 0.61 | 0.03 | 27.10 | - | - | - | 0.03 | OK |
| | 又Y5 又X18 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.75 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | 又X22 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 1.75 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | 又Y5 又X14 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 0.70 | 0.04 | 27.10 | - | - | - | 0.04 | OK |
| | 又X16 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 2.04 | 0.17 | 30.60 | - | - | - | 0.17 | OK |
| | 又Y5 又X14 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 0.70 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | 又X16 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 0.36 | 0.01 | 34.80 | - | - | - | 0.01 | OK |
| | 又Y5 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.82 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又X20 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.82 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又Y5 X10 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.78 | 0.04 | 40.70 | - | - | - | 0.04 | OK |
| | 又X13 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 0.82 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | 又Y5 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 2.98 | 0.09 | 57.60 | - | - | - | 0.09 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 3.91 | 0.12 | 40.30 | - | - | - | 0.12 | OK |
| | 又Y5 又X7 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.41 | 0.01 | 34.80 | - | - | - | 0.01 | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 0.62 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | 又Y5 又X17 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又X18 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.35 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | - | - | - | 18.16 | 3.34 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.47 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | X5 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 2.36 | 0.19 | 30.60 | - | - | - | 0.19 | OK |
| | 又 X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.38 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.38 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | - | - | 22.20 | - | - | - | - | OK |
| | X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又 又X19 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.85 | 0.09 | 27.10 | - | - | - | 0.09 | OK |
| | 又 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 1.20 | 0.06 | 27.10 | - | 1.98 | 0.07 | 0.13 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又X16 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.36 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.35 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | - | - | - | 18.16 | 3.35 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.19 | 0.18 | 30.60 | - | - | - | 0.18 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.32 | 0.19 | 30.60 | - | - | - | 0.19 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.69 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | 又X18 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.01 | 0.16 | 30.60 | - | - | - | 0.16 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.37 | 0.07 | 27.10 | - | - | - | 0.07 | OK |
| | 又X14 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 1.29 | 0.07 | 27.10 | - | - | - | 0.07 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | - | - | 34.80 | - | - | - | - | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 0.68 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | 又 又X15 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.36 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又X16 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.36 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又 又X13 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 2.30 | 0.13 | 40.70 | - | - | - | 0.13 | OK |
| | 又X14 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 0.39 | 0.02 | 40.70 | - | - | - | 0.02 | OK |
| | Y6 X0 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 3.35 | 0.12 | 34.80 | - | - | - | 0.12 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 3.35 | 0.12 | 34.80 | - | - | - | 0.12 | OK |
| | Y6 X3 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.25 | 0.06 | 27.10 | - | - | - | 0.06 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.56 | 0.21 | 30.60 | - | - | - | 0.21 | OK |
| | Y6 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 3.04 | 0.10 | 57.60 | - | - | - | 0.10 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 3.02 | 0.10 | 57.60 | - | - | - | 0.10 | OK |
| | Y6 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又Y6 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | - | - | 22.20 | - | - | - | - | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 19.44 | - | - | 27.10 | - | - | - | - | OK |
| | 又Y6 又X16 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 0.81 | 0.04 | 27.10 | - | - | - | 0.04 | OK |
| | 又X19 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 1.27 | 0.07 | 27.10 | - | - | - | 0.07 | OK |
| | 又Y6 又X11 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.78 | 0.04 | 40.70 | - | - | - | 0.04 | OK |
| | 又X15 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 0.82 | 0.05 | 40.70 | - | - | - | 0.05 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.35 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X3 | 12.0×27.0=324.0 | TH-24 | - | - | - | 18.16 | 3.35 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.37 | 0.19 | 30.60 | - | - | - | 0.19 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.37 | 0.19 | 30.60 | - | - | - | 0.19 | OK |
| | 又 又X9 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.85 | 0.15 | 30.60 | - | - | - | 0.15 | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 0.32 | 0.03 | 30.60 | - | - | - | 0.03 | OK |
| | Y7 X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 6.06 | 0.33 | 40.70 | - | - | - | 0.33 | OK |
| | X3 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 5.91 | 0.33 | 40.70 | - | - | - | 0.33 | OK |
| | Y7 X3 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.44 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| | X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 4.44 | 0.16 | 34.80 | - | - | - | 0.16 | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y7 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 5.90 | 0.18 | 40.30 | - | - | - | 0.18 | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 5.89 | 0.19 | 57.60 | - | - | - | 0.19 | OK |
| | Y7 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.52 | 0.25 | 10.30 | - | - | - | 0.25 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.52 | 0.25 | 10.30 | - | - | - | 0.25 | OK |
| | 又Y7 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | 1.19 | 0.10 | 22.20 | - | - | - | 0.10 | OK |
| | 又X11 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 0.67 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | 又Y7 又X12 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 1.74 | 0.06 | 34.80 | - | - | - | 0.06 | OK |
| | 又X16 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 1.85 | 0.07 | 34.80 | - | - | - | 0.07 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又 X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | X5 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | - | - | 30.60 | - | - | - | - | OK |
| | 又 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | - | - | 57.60 | - | - | - | - | OK |
| | 又X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | - | - | 57.60 | - | - | - | - | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | Y8 X0 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.64 | 0.08 | 27.10 | - | - | - | 0.08 | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 5.10 | 0.26 | 27.10 | - | - | - | 0.26 | OK |
| | Y8 X3 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 5.13 | 0.26 | 27.10 | - | - | - | 0.26 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 19.44 | 5.13 | 0.26 | 27.10 | - | - | - | 0.26 | OK |
| | Y8 X5 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 2.92 | 0.09 | 40.30 | - | - | - | 0.09 | OK |
| | X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 2.56 | 0.08 | 40.30 | 6.15 | - | 0.15 | 0.23 | OK |
| | Y8 X7 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 9.37 | 0.28 | 40.30 | 6.15 | - | 0.15 | 0.43 | OK |
| | 又X9 | 12.0×42.0=504.0 | TH-33 | - | - | - | 33.20 | 0.29 | 0.01 | 40.30 | - | - | - | - | OK |
| | Y8 又 | 杉 | TH-10 | - | - | - | 6.40 | 0.28 | 0.04 | 13.60 | - | - | - | 0.04 | OK |
| | X9 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.28 | 0.04 | 13.60 | - | - | - | 0.04 | OK |
| | Y8 又X9 | 欧州赤松集成材 | K15 | - | - | - | 79.20 | 0.65 | 0.01 | 99.00 | - | - | - | - | OK |
| | 又X12 | 12.0×18.0=216.0 | TH-10 | - | - | - | 6.40 | 0.92 | 0.14 | 13.60 | - | - | - | 0.14 | OK |
| | X0 Y1 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 0.55 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | Y2 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 1.75 | 0.06 | 34.80 | 2.88 | - | 0.08 | 0.15 | OK |
| | X0 又 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.97 | 0.15 | 13.60 | - | - | - | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.97 | 0.15 | 13.60 | - | - | - | 0.15 | OK |
| | X0 又 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.02 | 0.16 | 13.60 | - | - | - | 0.16 | OK |
| | 又Y2 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.02 | 0.16 | 13.60 | - | - | - | 0.16 | OK |
| | X0 Y2 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 3.94 | 0.14 | 34.80 | 2.88 | - | 0.08 | 0.22 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 1.04 | 0.04 | 34.80 | - | - | - | 0.04 | OK |
| | X0 又Y2 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.15 | 0.18 | 13.60 | - | - | - | 0.18 | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.55 | 0.09 | 13.60 | - | - | - | 0.09 | OK |
| | X0 Y3 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.53 | 0.08 | 13.60 | - | - | - | 0.08 | OK |
| | Y4 | 12.0×27.0=324.0 | TH-10D | - | - | - | 6.40 | 3.20 | 0.50 | 13.60 | - | - | - | 0.50 | OK |
| | X0 Y3 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 0.45 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | Y4 | 12.0×30.0=360.0 | TH-24D | - | - | - | 27.92 | 1.12 | 0.04 | 34.80 | 0.74 | - | 0.02 | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.51 | 0.24 | 13.60 | - | - | - | 0.24 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.51 | 0.24 | 13.60 | - | - | - | 0.24 | OK |
| | X0 Y4 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 1.51 | 0.05 | 34.80 | 0.74 | - | 0.02 | 0.08 | OK |
| | Y5 | 12.0×30.0=360.0 | TH-24D | - | - | - | 27.92 | 0.80 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | X0 Y5 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.42 | 0.22 | 13.60 | - | - | - | 0.22 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.42 | 0.22 | 13.60 | - | - | - | 0.22 | OK |
| | X0 又 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.01 | 0.16 | 13.60 | - | - | - | 0.16 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.01 | 0.16 | 13.60 | - | - | - | 0.16 | OK |
| | X0 Y5 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 0.77 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | Y6 | 12.0×30.0=360.0 | TH-24D | - | - | - | 27.92 | 0.73 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | X0 Y6 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.96 | 0.15 | 13.60 | - | - | - | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.96 | 0.15 | 13.60 | - | - | - | 0.15 | OK |
| | X0 Y6 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 3.06 | 0.11 | 34.80 | - | 1.98 | 0.06 | 0.17 | OK |
| | Y8 | 12.0×30.0=360.0 | TH-24D | - | - | - | 27.92 | 0.61 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | X0 Y7 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.21 | 0.19 | 13.60 | - | - | - | 0.19 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.21 | 0.19 | 13.60 | - | - | - | 0.19 | OK |
| | 又 Y1 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 4.63 | 0.15 | 57.60 | - | - | - | 0.15 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | - | - | - | 31.52 | 5.32 | 0.17 | 57.60 | - | - | - | 0.17 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | X2 Y4 | 欧州赤松集成材 | TH-18D | - | - | - | 19.44 | 0.32 | 0.02 | 27.10 | - | - | - | 0.02 | OK |
| | Y5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.80 | 0.07 | 30.60 | - | - | - | 0.07 | OK |
| | X2 Y5 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.39 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.39 | 0.06 | 10.30 | - | - | - | 0.06 | OK |
| | 又X2 Y1 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 4.46 | 0.14 | 57.60 | - | - | - | 0.14 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | - | - | - | 31.52 | 5.13 | 0.16 | 57.60 | - | - | - | 0.16 | OK |
| | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | - | - | 13.60 | - | - | - | - | OK |
| | X3 Y3 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 1.03 | 0.04 | 34.80 | - | - | - | 0.04 | OK |
| | Y4 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 1.03 | 0.06 | 40.70 | - | - | - | 0.06 | OK |
| | X3 Y4 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.65 | 0.04 | 40.70 | - | - | - | 0.04 | OK |
| | | 12.0×30.0=360.0 | TH-24D | - | - | - | 27.92 | 2.32 | 0.08 | 34.80 | - | - | - | 0.08 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X3 | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 3.69 | 0.13 | 34.80 | － | － | － | 0.13 | OK |
| | Y6 | 12.0×30.0=360.0 | TH-24D | － | － | － | 27.92 | 2.42 | 0.09 | 34.80 | － | － | － | 0.09 | OK |
| | X3 Y6 | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 4.46 | 0.16 | 34.80 | － | 1.98 | 0.06 | 0.22 | OK |
| | Y8 | 12.0×30.0=360.0 | TH-24D | － | － | － | 27.92 | 0.49 | 0.02 | 34.80 | － | － | － | 0.02 | OK |
| | Y3 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.74 | 0.06 | 30.60 | － | － | － | 0.06 | OK |
| | Y4 | 12.0×27.0=324.0 | TH-18D | － | － | － | 19.44 | 2.97 | 0.15 | 27.10 | － | － | － | 0.15 | OK |
| | | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y4 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 1.86 | 0.15 | 30.60 | － | － | － | 0.15 | OK |
| | Y5 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 1.00 | 0.08 | 30.60 | － | － | － | 0.08 | OK |
| | Y5 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y6 | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 2.23 | 0.08 | 34.80 | － | － | － | 0.08 | OK |
| | Y5 | 12.0×30.0=360.0 | TH-24 | － | － | － | 27.92 | 2.23 | 0.08 | 34.80 | － | － | － | 0.08 | OK |
| | Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.80 | 0.13 | 10.30 | － | － | － | 0.13 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.80 | 0.13 | 10.30 | － | － | － | 0.13 | OK |
| | | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.35 | 0.06 | 10.30 | － | － | － | 0.06 | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.35 | 0.06 | 10.30 | － | － | － | 0.06 | OK |
| | 又 Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 4.46 | 0.14 | 57.60 | － | － | － | 0.14 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 5.13 | 0.16 | 57.60 | － | － | － | 0.16 | OK |
| | 又X4 又 | 欧州赤松集成材 | | － | － | － | － | 1.22 | － | － | － | － | － | － | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.73 | 0.12 | 10.30 | － | － | － | 0.12 | OK |
| | X5 Y1 | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 0.32 | 0.01 | 34.80 | － | － | － | 0.01 | OK |
| | 又 | 12.0×24.0=288.0 | 鎌継120×240 | 162.0 | 91.1 | 1.60 | 9.72 | 0.21 | 0.02 | － | － | － | － | － | OK |
| | X5 又 | 欧州赤松集成材 | | － | － | － | － | 2.87 | － | － | － | － | － | － | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24D | － | － | － | 27.92 | 0.74 | 0.03 | 34.80 | － | － | － | 0.03 | OK |
| | X5 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又Y2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 又Y2 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 Y3 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | － | － | 40.30 | － | － | － | － | OK |
| | Y4 | 12.0×39.0=468.0 | TH-33D | － | － | － | 33.20 | － | － | 40.30 | － | － | － | － | OK |
| | X5 Y3 | 欧州赤松集成材 | TH-18D | － | － | － | 19.44 | 0.21 | 0.01 | 27.10 | － | － | － | 0.01 | OK |
| | Y4 | 12.0×21.0=252.0 | TH-18D | － | － | － | 19.44 | 0.84 | 0.04 | 27.10 | － | － | － | 0.04 | OK |
| | X5 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 Y4 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 3.32 | 0.10 | 40.30 | － | － | － | 0.10 | OK |
| | Y5 | 12.0×33.0=396.0 | TH-33D | － | － | － | 33.20 | 5.13 | 0.15 | 40.30 | － | － | － | 0.15 | OK |
| | X5 Y5 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 Y5 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 1.32 | 0.04 | 40.30 | － | － | － | 0.04 | OK |
| | Y7 | 12.0×33.0=396.0 | TH-33D | － | － | － | 33.20 | 3.29 | 0.10 | 40.30 | － | 1.98 | 0.05 | 0.15 | OK |
| | X5 Y6 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 Y7 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | 1.98 | 0.15 | 0.15 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X5 Y7 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 0.41 | 0.01 | 40.30 | － | － | － | 0.01 | OK |
| | Y8 | 12.0×33.0=396.0 | TH-33D | － | － | － | 33.20 | 0.49 | 0.01 | 40.30 | － | － | － | 0.01 | OK |
| | 又 Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 4.63 | 0.15 | 57.60 | － | － | － | 0.15 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 5.32 | 0.17 | 57.60 | － | － | － | 0.17 | OK |
| | 又 Y3 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 Y3 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又 Y4 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 又Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 Y6 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 Y7 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y8 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又 Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 4.46 | 0.14 | 57.60 | － | － | － | 0.14 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 5.13 | 0.16 | 57.60 | － | － | － | 0.16 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又 Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 4.46 | 0.14 | 57.60 | － | － | － | 0.14 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 5.13 | 0.16 | 57.60 | － | － | － | 0.16 | OK |
| | 又X7 Y3 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | － | － | 10.30 | － | － | － | － | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又X7 Y3 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 1.89 | 0.06 | 57.60 | － | － | － | 0.06 | OK |
| | 又 | 12.0×39.0=468.0 | TH-33D | － | － | － | 33.20 | 3.93 | 0.12 | 40.30 | － | － | － | 0.12 | OK |
| | 又X7 又 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 0.82 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | 又Y5 | 12.0×39.0=468.0 | TH-33D | － | － | － | 33.20 | － | － | 40.30 | － | － | － | － | OK |
| | 又X7 又Y5 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 8.03 | 0.24 | 40.30 | － | － | － | 0.24 | OK |
| | Y8 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 7.93 | 0.25 | 57.60 | － | － | － | 0.25 | OK |
| | X8 Y1 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 3.18 | 0.10 | 57.60 | － | － | － | 0.10 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 3.66 | 0.12 | 57.60 | － | － | － | 0.12 | OK |
| | X8 又 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.70 | 0.06 | 30.60 | － | － | － | 0.06 | OK |
| | 又Y5 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | － | － | 30.60 | － | － | － | － | OK |
| | X9 Y1 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 0.55 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | Y3 | 12.0×42.0=504.0 | TH-33D | － | － | － | 33.20 | 2.50 | 0.08 | 40.30 | － | － | － | 0.08 | OK |
| | X9 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.96 | 0.15 | 13.60 | － | － | － | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.99 | 0.15 | 13.60 | － | － | － | 0.15 | OK |
| | X9 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.74 | 0.12 | 13.60 | － | － | － | 0.12 | OK |
| | 又Y2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.55 | 0.09 | 13.60 | － | － | － | 0.09 | OK |
| | X9 又Y2 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.88 | 0.14 | 13.60 | － | － | － | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.88 | 0.14 | 13.60 | － | － | － | 0.14 | OK |
| | X9 又Y2 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.03 | 0.16 | 13.60 | － | － | － | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.99 | 0.15 | 13.60 | － | － | － | 0.15 | OK |
| | X9 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.23 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10D | － | － | － | 6.40 | 0.16 | 0.02 | 13.60 | － | － | － | 0.02 | OK |
| | X9 Y3 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 6.54 | 0.20 | 40.30 | － | － | － | 0.20 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33D | － | － | － | 33.20 | 4.79 | 0.14 | 40.30 | － | － | － | 0.14 | OK |
| | X9 Y3 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.81 | 0.13 | 13.60 | － | － | － | 0.13 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.74 | 0.12 | 13.60 | － | － | － | 0.12 | OK |
| | X9 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.18 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.03 | － | 13.60 | － | － | － | － | OK |
| | X9 Y4 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.81 | 0.13 | 13.60 | － | － | － | 0.13 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.31 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | X9 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.37 | 0.06 | 13.60 | － | － | － | 0.06 | OK |
| | Y4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.37 | 0.06 | 13.60 | － | － | － | 0.06 | OK |
| | X9 又 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 2.23 | 0.07 | 40.30 | － | － | － | 0.07 | OK |
| | 又Y5 | 12.0×36.0=432.0 | TH-33D | － | － | － | 33.20 | 0.67 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | X9 又 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.10 | 0.02 | 13.60 | － | － | － | 0.02 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.11 | 0.02 | 13.60 | － | － | － | 0.02 | OK |
| | X9 又Y5 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.18 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.18 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X9 又Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.49 | 0.08 | 13.60 | － | － | － | 0.08 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.19 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X9 Y6 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.21 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.21 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X9 又Y5 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 5.75 | 0.17 | 40.30 | － | － | － | 0.17 | OK |
| | Y8 | 12.0×36.0=432.0 | TH-33D | － | － | － | 31.52 | 5.17 | 0.16 | 57.60 | － | － | － | 0.16 | OK |
| | X9 Y6 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | Y7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | X9 Y7 | 欧州赤松集成材 | TH-10D | － | － | － | 6.40 | 0.21 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.21 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| 1 | Y0 X0 | 欧州赤松集成材 | TH-24 | － | － | － | 27.92 | 1.56 | 0.06 | 34.80 | － | － | － | 0.06 | OK |
| | 又X2 | 12.0×24.0=288.0 | TH-24 | － | － | － | 27.92 | 2.95 | 0.11 | 34.80 | 2.55 | － | 0.07 | 0.18 | OK |
| | Y0 又X2 | 欧州赤松集成材 | TH-24 | － | － | － | 27.92 | 2.93 | 0.10 | 34.80 | 2.55 | － | 0.07 | 0.18 | OK |
| | X4 | 12.0×24.0=288.0 | TH-24 | － | － | － | 27.92 | 0.23 | 0.01 | 34.80 | － | － | － | － | OK |
| | Y0 X4 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 1.39 | 0.04 | 40.30 | － | － | － | 0.04 | OK |
| | 又 | 12.0×39.0=468.0 | TH-33 | － | － | － | 41.50 | 8.97 | 0.22 | 40.30 | 7.71 | － | 0.19 | 0.41 | OK |
| | Y0 | 杉 | TH-10 | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | 又X5 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | Y0 又 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 10.88 | 0.33 | 40.30 | 7.71 | － | 0.19 | 0.52 | OK |
| | X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 33.20 | 0.88 | 0.03 | 40.30 | － | － | － | 0.03 | OK |
| | Y0 又X7 | 杉 | TH-10 | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | Y0 又 | 杉 | TH-10 | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | X9 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | 又Y0 X0 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 17.29 | 0.44 | 57.60 | － | － | － | 0.44 | OK |
| | X4 | 12.0×39.0=468.0 | TH-33 | － | － | － | 39.40 | 12.88 | 0.33 | 57.60 | － | － | － | 0.33 | OK |
| | Y1 X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.86 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又X1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.86 | 0.14 | 10.30 | － | － | － | 0.14 | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Y1 又X1 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.02 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.02 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| | Y1 又 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 3.00 | 0.25 | 30.60 | - | - | - | 0.25 | OK |
| | 又X3 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 3.00 | 0.25 | 30.60 | - | - | - | 0.25 | OK |
| | Y1 又X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.24 | 0.20 | 10.30 | - | - | - | 0.20 | OK |
| | X4 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.24 | 0.20 | 10.30 | - | - | - | 0.20 | OK |
| | Y1 又X4 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.01 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.23 | 0.20 | 10.30 | - | - | - | 0.20 | OK |
| | Y1 又 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 16.28 | 0.72 | 40.70 | - | - | - | 0.72 | OK |
| | 又X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 22.70 | 16.28 | 0.72 | 40.70 | - | - | - | 0.72 | OK |
| | Y1 又X5 | 欧州赤松集成材 | TH-18 | - | - | - | 15.30 | 9.05 | 0.59 | 30.60 | - | - | - | 0.59 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | - | - | - | 15.30 | 9.05 | 0.59 | 30.60 | - | - | - | 0.59 | OK |
| | Y1 又 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 7.15 | 0.31 | 40.70 | - | - | - | 0.31 | OK |
| | 又 | 12.0×30.0=360.0 | TH-24 | - | - | - | 22.70 | 12.43 | 0.55 | 40.70 | - | - | - | 0.55 | OK |
| | Y1 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | Y1 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | X6 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | Y1 X6 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.66 | 0.26 | 40.70 | - | - | - | 0.26 | OK |
| | | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 7.85 | 0.43 | 40.70 | - | - | - | 0.43 | OK |
| | Y1 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | Y1 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.88 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | Y1 又 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 1.61 | 0.09 | 40.70 | - | - | - | 0.09 | OK |
| | X9 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 1.56 | 0.09 | 40.70 | - | - | - | 0.09 | OK |
| | 又Y1 又X11 | 欧州赤松集成材 | | - | - | - | - | - | - | - | - | - | - | - | OK |
| | 又X12 | 12.0×45.0=540.0 | TH-45D | - | - | - | 46.00 | 13.35 | 0.29 | 40.30 | - | - | - | 0.29 | OK |
| | 又Y1 X0 | 欧州赤松集成材 | TH-33 | - | - | - | 39.40 | 20.86 | 0.53 | 57.60 | - | - | - | 0.53 | OK |
| | X4 | 12.0×45.0=540.0 | TH-45 | - | - | - | 52.90 | 16.91 | 0.32 | 57.60 | - | - | - | 0.32 | OK |
| | 又Y1 X4 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.72 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| | 又 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.24 | 0.02 | 30.60 | - | - | - | 0.02 | OK |
| | 又Y1 又 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.38 | 0.03 | 30.60 | - | - | - | 0.03 | OK |
| | 又X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.17 | 0.01 | 30.60 | - | - | - | 0.01 | OK |
| | 又 又 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.26 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X9 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 2.75 | 0.15 | 40.70 | - | - | - | 0.15 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 6.17 | 0.20 | 57.60 | - | - | - | 0.20 | OK |
| | X4 | 12.0×36.0=432.0 | TH-33 | - | - | - | 31.52 | 6.17 | 0.20 | 57.60 | - | - | - | 0.20 | OK |
| | 又 又X11 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 12.44 | 0.55 | 40.70 | - | - | - | 0.55 | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | - | - | - | 22.70 | 11.25 | 0.50 | 40.70 | - | - | - | 0.50 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 8.11 | 0.24 | 40.30 | - | - | - | 0.24 | OK |
| | X4 | 12.0×36.0=432.0 | TH-33 | - | - | - | 31.52 | 8.11 | 0.26 | 57.60 | - | - | - | 0.26 | OK |
| | 又 又 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 11.13 | 0.49 | 40.70 | - | - | - | 0.49 | OK |
| | 又X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 22.70 | 11.13 | 0.49 | 40.70 | - | - | - | 0.49 | OK |
| | 又 又X5 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | X6 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.28 | 0.05 | 10.30 | - | - | - | 0.05 | OK |
| | X8 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.28 | 0.05 | 10.30 | - | - | - | 0.05 | OK |
| | 又 X8 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.48 | 0.08 | 10.30 | - | - | - | 0.08 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.48 | 0.08 | 10.30 | - | - | - | 0.08 | OK |
| | 又 又X10 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 11.03 | 0.49 | 40.70 | - | - | - | 0.49 | OK |
| | 又X11 | 12.0×30.0=360.0 | TH-24 | - | - | - | 22.70 | 10.14 | 0.45 | 40.70 | - | - | - | 0.45 | OK |
| | 又 又X11 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.47 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.47 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-240/60L | - | - | - | 21.28 | 4.44 | 0.21 | 25.90 | - | - | - | 0.21 | OK |
| | 又X11 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 1.73 | 0.10 | 40.70 | - | - | - | 0.10 | OK |
| | 又 又X12 | 欧州赤松集成材 | TH-45D | - | - | - | 36.80 | 8.24 | 0.22 | 40.30 | - | - | - | 0.22 | OK |
| | 又X15 | 12.0×45.0=540.0 | TH-45D | - | - | - | 36.80 | 1.19 | 0.03 | 40.30 | - | - | - | 0.03 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 8.11 | 0.26 | 57.60 | - | - | - | 0.26 | OK |
| | X4 | 12.0×36.0=432.0 | TH-33 | - | - | - | 31.52 | 8.11 | 0.26 | 57.60 | - | - | - | 0.26 | OK |
| | 又 又 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 11.36 | 0.50 | 40.70 | - | - | - | 0.50 | OK |
| | 又X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 22.70 | 11.36 | 0.50 | 40.70 | - | - | - | 0.50 | OK |

| 階 | 位置 | | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 | 又X10 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.69 | 0.28 | 10.30 | － | － | － | 0.28 | OK |
| | | 又X11 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.69 | 0.28 | 10.30 | － | － | － | 0.28 | OK |
| | 又 | X9 | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 9.67 | 0.10 | 99.00 | － | － | － | 0.10 | OK |
| | | 又X12 | 12.0×42.0=504.0 | TH-33 | － | － | － | 39.40 | 14.01 | 0.36 | 57.60 | － | － | － | 0.36 | OK |
| | 又 | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 8.11 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| | | X4 | 12.0×36.0=432.0 | TH-33 | － | － | － | 31.52 | 8.11 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| | 又 | X9 | 欧州赤松集成材 | BAP-180/60L | － | － | － | 12.48 | 2.88 | 0.23 | 22.20 | － | － | － | 0.23 | OK |
| | | 又X10 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 2.88 | 0.23 | 30.60 | － | － | － | 0.23 | OK |
| | 又 | 又X9 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.78 | 0.13 | 10.30 | － | － | － | 0.13 | OK |
| | | 又X10 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.78 | 0.13 | 10.30 | － | － | － | 0.13 | OK |
| | 又 | 又X10 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.71 | 0.28 | 10.30 | － | － | － | 0.28 | OK |
| | | 又X10 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.71 | 0.28 | 10.30 | － | － | － | 0.28 | OK |
| | Y2 | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 8.11 | 0.24 | 40.30 | － | － | － | 0.24 | OK |
| | | X4 | 12.0×36.0=432.0 | TH-33 | － | － | － | 33.20 | 8.11 | 0.24 | 40.30 | － | － | － | 0.24 | OK |
| | Y2 | X4 | 欧州赤松集成材 | TH-33D | － | － | － | 41.50 | 7.55 | 0.18 | 40.30 | － | 0.09 | － | 0.18 | OK |
| | | X6 | 12.0×39.0=468.0 | TH-33 | － | － | － | 33.20 | 7.04 | 0.21 | 40.30 | － | － | － | 0.21 | OK |
| | Y2 | X6 | 欧州赤松集成材 | TH-45 | － | － | － | 36.80 | 4.78 | 0.13 | 40.30 | － | － | － | 0.13 | OK |
| | | X9 | 12.0×45.0=540.0 | TH-45 | － | － | － | 36.80 | 0.51 | 0.01 | 40.30 | － | － | － | 0.01 | OK |
| | 又Y2 | X9 | 欧州赤松集成材 | K39 | － | － | － | 99.00 | 8.66 | 0.09 | 99.00 | － | － | － | 0.09 | OK |
| | | 又X12 | 12.0×39.0=468.0 | TH-33 | － | － | － | 41.50 | 15.02 | 0.36 | 40.30 | － | － | － | 0.36 | OK |
| | 又Y2 | X9 | 欧州赤松集成材 | K39 | － | － | － | 79.20 | 4.29 | 0.05 | 99.00 | － | － | － | 0.05 | OK |
| | | 又X13 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 3.16 | 0.10 | 57.60 | － | － | － | 0.10 | OK |
| | 又Y2 | 又X10 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.90 | 0.31 | 10.30 | － | － | － | 0.31 | OK |
| | | 又X11 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.90 | 0.31 | 10.30 | － | － | － | 0.31 | OK |
| | | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 8.11 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| | | X4 | 12.0×36.0=432.0 | TH-33 | － | － | － | 31.52 | 8.11 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| | 又 | 又X18 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 1.48 | 0.04 | 40.30 | － | － | － | 0.04 | OK |
| | | 又X20 | 12.0×39.0=468.0 | TH-33D | － | － | － | 33.20 | 1.49 | 0.04 | 40.30 | － | － | － | 0.04 | OK |
| | 又 | 又X15 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 5.72 | 0.17 | 40.30 | － | － | － | 0.17 | OK |
| | | 又X16 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 5.28 | 0.17 | 57.60 | － | － | － | 0.17 | OK |
| | 又 | 又X11 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 2.09 | 0.34 | 10.30 | － | － | － | 0.34 | OK |
| | | 又X11 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 2.09 | 0.34 | 10.30 | － | － | － | 0.34 | OK |
| | 又 | X9 | 欧州赤松集成材 | K39 | － | － | － | 79.20 | 5.98 | 0.08 | 99.00 | － | － | － | 0.08 | OK |
| | | 又X13 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 4.95 | 0.16 | 57.60 | － | － | － | 0.16 | OK |
| | | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 8.10 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| | | X4 | 12.0×36.0=432.0 | TH-33 | － | － | － | 31.52 | 8.10 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| | | 又 | 欧州赤松集成材 | TH-24 | － | － | － | 22.70 | 11.71 | 0.52 | 40.70 | － | － | － | 0.52 | OK |
| | | 又X5 | 12.0×24.0=288.0 | TH-24 | － | － | － | 22.70 | 11.71 | 0.52 | 40.70 | － | － | － | 0.52 | OK |
| | | 又 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.66 | 0.05 | 30.60 | － | － | － | 0.05 | OK |
| | | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 0.66 | 0.05 | 30.60 | － | － | － | 0.05 | OK |
| | | X6 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.66 | 0.05 | 30.60 | － | － | － | 0.05 | OK |
| | | | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 0.66 | 0.05 | 30.60 | － | － | － | 0.05 | OK |
| | 又 | 又X16 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 2.59 | 0.21 | 30.60 | － | － | － | 0.21 | OK |
| | | 又X17 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 2.25 | 0.18 | 30.60 | － | － | － | 0.18 | OK |
| | 又 | 又X11 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 2.28 | 0.37 | 10.30 | － | － | － | 0.37 | OK |
| | | 又X12 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 2.28 | 0.37 | 10.30 | － | － | － | 0.37 | OK |
| | 又 | 又X17 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.62 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | | 又X18 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.62 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | 又 | X9 | 欧州赤松集成材 | K39 | － | － | － | 79.20 | 6.38 | 0.08 | 99.00 | － | － | － | 0.08 | OK |
| | | 又X14 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 5.72 | 0.18 | 57.60 | － | － | － | 0.18 | OK |
| | 又 | 又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 0.35 | 0.01 | 57.60 | － | － | － | 0.01 | OK |
| | | 又X18 | 12.0×33.0=396.0 | TH-33 | － | － | － | 33.20 | 0.23 | 0.01 | 40.30 | － | － | － | － | OK |
| | Y3 | X0 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 1.62 | 0.05 | 40.30 | － | － | － | 0.05 | OK |
| | | X3 | 12.0×33.0=396.0 | TH-33 | － | － | － | 41.50 | 10.04 | 0.24 | 40.30 | － | － | － | 0.24 | OK |
| | Y3 | X0 | 杉 | TH-10 | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | | 又X1 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | Y3 | 又X1 | 杉 | TH-10 | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | | 又 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | Y3 | X3 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 3.56 | 0.11 | 40.30 | － | － | － | 0.11 | OK |
| | | 又 | 12.0×36.0=432.0 | TH-33 | － | － | － | 41.50 | 7.62 | 0.18 | 40.30 | － | － | － | 0.18 | OK |
| | Y3 | X5 | 欧州赤松集成材 | TH-33 | － | － | － | 41.50 | 9.32 | 0.22 | 40.30 | － | － | － | 0.22 | OK |
| | | X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 41.50 | 7.04 | 0.17 | 40.30 | － | － | － | 0.17 | OK |
| | Y3 | X7 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 0.56 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | | X9 | 12.0×33.0=396.0 | TH-33D | － | － | － | 33.20 | 13.48 | 0.41 | 40.30 | － | － | － | 0.41 | OK |
| | 又Y3 | 又X14 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.56 | 0.09 | 10.30 | － | － | － | 0.09 | OK |
| | | 又X15 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.81 | 0.13 | 10.30 | － | － | － | 0.13 | OK |
| | 又Y3 | 又X18 | 杉 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | | 又X18 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又Y3 | 又X16 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.40 | 0.07 | 10.30 | － | － | － | 0.07 | OK |
| | | 又X17 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.40 | 0.07 | 10.30 | － | － | － | 0.07 | OK |
| | 又Y3 | 又X12 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 2.32 | 0.38 | 10.30 | － | － | － | 0.38 | OK |
| | | 又X12 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 2.32 | 0.38 | 10.30 | － | － | － | 0.38 | OK |
| | 又Y3 | 又X14 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.84 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | | 又X15 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.84 | 0.14 | 10.30 | － | － | － | 0.14 | OK |

| 階 | 位置 | | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又Y3 | 又X15 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.30 | 0.21 | 10.30 | - | - | - | 0.21 | OK |
| | | 又X15 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 1.30 | 0.20 | 13.60 | - | - | - | 0.20 | OK |
| | | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 5.57 | 0.31 | 40.70 | - | - | - | 0.31 | OK |
| | | X3 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 5.57 | 0.31 | 40.70 | - | - | - | 0.31 | OK |
| | | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.00 | 0.22 | 40.70 | - | - | - | 0.22 | OK |
| | | X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.00 | 0.22 | 40.70 | - | - | - | 0.22 | OK |
| | | X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 7.92 | 0.25 | 57.60 | - | - | - | 0.25 | OK |
| | | X7 | 12.0×39.0=468.0 | TH-33 | - | - | - | 31.52 | 7.76 | 0.25 | 57.60 | - | - | - | 0.25 | OK |
| | | X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.84 | 0.30 | 10.30 | - | - | - | 0.30 | OK |
| | | X8 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.84 | 0.30 | 10.30 | - | - | - | 0.30 | OK |
| | | X8 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.48 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | | X9 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 0.48 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | 又 | 又X17 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 1.02 | 0.06 | 40.70 | - | - | - | 0.06 | OK |
| | | 又X18 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 1.86 | 0.10 | 40.70 | - | - | - | 0.10 | OK |
| | 又 | X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 6.77 | 0.09 | 99.00 | - | - | - | 0.09 | OK |
| | | 又X14 | 12.0×39.0=468.0 | TH-33 | - | - | - | 31.52 | 6.50 | 0.21 | 57.60 | - | - | - | 0.21 | OK |
| | 又 | 又X18 | 杉 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | | 又X19 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 | 又X16 | 杉 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | | 又X17 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 | 又X12 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.96 | 0.32 | 10.30 | - | - | - | 0.32 | OK |
| | | 又X13 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.96 | 0.32 | 10.30 | - | - | - | 0.32 | OK |
| | 又 | 又X20 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 3.13 | 0.11 | 34.80 | - | - | - | 0.11 | OK |
| | | 又 | 12.0×24.0=288.0 | TH-24D | - | - | - | 34.90 | 5.49 | 0.16 | 34.80 | - | - | - | 0.16 | OK |
| | 又 | 又X13 | 欧州赤松集成材 | 蟻仕口120×180 | 123.9 | 72.3 | 1.60 | 7.71 | 2.39 | 0.31 | - | - | - | - | - | OK |
| | | 又X14 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.86 | 0.15 | 30.60 | - | - | - | 0.15 | OK |
| | 又 | 又X15 | 欧州赤松集成材 | TH-33 | - | - | - | 41.50 | 7.26 | 0.17 | 40.30 | - | - | - | 0.17 | OK |
| | | 又X19 | 12.0×39.0=468.0 | TH-33 | - | - | - | 31.52 | 3.08 | 0.10 | 57.60 | - | - | - | 0.10 | OK |
| | 又 | 又X17 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.32 | 0.19 | 30.60 | - | - | - | 0.19 | OK |
| | | 又X19 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 2.65 | 0.22 | 30.60 | - | - | - | 0.22 | OK |
| | 又 | 又X19 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 6.24 | 0.20 | 57.60 | - | - | - | 0.20 | OK |
| | | 又X22 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 7.29 | 0.23 | 57.60 | - | - | - | 0.23 | OK |
| | | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.27 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | | X3 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 4.27 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.09 | 0.17 | 40.70 | - | - | - | 0.17 | OK |
| | | X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 3.09 | 0.17 | 40.70 | - | - | - | 0.17 | OK |
| | | X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 7.92 | 0.25 | 57.60 | - | - | - | 0.25 | OK |
| | | X7 | 12.0×39.0=468.0 | TH-33 | - | - | - | 31.52 | 7.76 | 0.25 | 57.60 | - | - | - | 0.25 | OK |
| | | X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.84 | 0.30 | 10.30 | - | - | - | 0.30 | OK |
| | | X8 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.84 | 0.30 | 10.30 | - | - | - | 0.30 | OK |
| | | X8 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.85 | 0.05 | 40.70 | - | - | - | 0.05 | OK |
| | | X9 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 0.85 | 0.05 | 40.70 | - | - | - | 0.05 | OK |
| | 又 | 又X17 | 杉 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | | 又X17 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 | 又X9 | 欧州赤松集成材 | TH-33D | - | - | - | 31.52 | 1.45 | 0.05 | 57.60 | - | - | - | 0.05 | OK |
| | | 又X10 | 12.0×39.0=468.0 | TH-33 | - | - | - | 31.52 | 1.63 | 0.05 | 57.60 | - | - | - | 0.05 | OK |
| | 又 | X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 8.57 | 0.11 | 99.00 | - | - | - | 0.11 | OK |
| | | 又X15 | 12.0×39.0=468.0 | TH-33 | - | - | - | 33.20 | 7.33 | 0.22 | 40.30 | - | - | - | 0.22 | OK |
| | 又 | 又X14 | 杉 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | | 又X15 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.83 | 0.14 | 10.30 | - | - | - | 0.14 | OK |
| | 又 | 又X18 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 6.70 | 0.21 | 57.60 | - | - | - | 0.21 | OK |
| | | 又X21 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 9.71 | 0.31 | 57.60 | - | - | - | 0.31 | OK |
| | Y4 | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.80 | 0.04 | 40.70 | - | - | - | 0.04 | OK |
| | | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 5.72 | 0.20 | 34.80 | - | - | - | 0.20 | OK |
| | Y4 | X0 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | | X1 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.21 | 0.03 | 13.60 | - | - | - | 0.03 | OK |
| | Y4 | X1 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.33 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.33 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | Y4 | 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.46 | 0.07 | 13.60 | - | - | - | 0.07 | OK |
| | | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.46 | 0.07 | 13.60 | - | - | - | 0.07 | OK |
| | Y4 | X3 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 11.91 | 0.36 | 40.30 | - | - | - | 0.36 | OK |
| | | X5 | 12.0×36.0=432.0 | TH-33 | - | - | - | 33.20 | 10.20 | 0.31 | 40.30 | - | - | - | 0.31 | OK |
| | 又Y4 | 又X14 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.30 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| | | 又X15 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.30 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| | 又Y4 | 又X12 | 欧州赤松集成材 | 蟻仕口120×180 | 123.9 | 72.3 | 1.60 | 7.71 | 2.32 | 0.30 | - | - | - | - | - | OK |
| | | 又X12 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 2.07 | 0.17 | 30.60 | - | - | - | 0.17 | OK |
| | 又Y4 | 又X17 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 4.69 | 0.15 | 57.60 | - | - | - | 0.15 | OK |
| | | 又X20 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 5.48 | 0.17 | 57.60 | - | - | - | 0.17 | OK |
| | 又Y4 | X5 | 欧州赤松集成材 | | - | - | - | - | 6.77 | - | - | - | - | - | - | OK |
| | | X7 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 6.69 | 0.21 | 57.60 | - | - | - | 0.21 | OK |
| | 又Y4 | X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.64 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| | | X8 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.64 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| | 又Y4 | X8 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.47 | 0.08 | 10.30 | - | - | - | 0.08 | OK |
| | | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.47 | 0.08 | 10.30 | - | - | - | 0.08 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又Y4　又X13 | 欧州赤松集成材 | TH-33 | － | － | － | 41.50 | 5.58 | 0.13 | 40.30 | － | － | － | 0.13 | OK |
| | 又X15 | 12.0×39.0=468.0 | TH-33 | － | － | － | 33.20 | 2.40 | 0.07 | 40.30 | － | － | － | 0.07 | OK |
| | 又Y4　又X9 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 7.05 | 0.22 | 57.60 | － | － | － | 0.22 | OK |
| | 又X15 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 7.11 | 0.23 | 57.60 | － | － | － | 0.23 | OK |
| | 又Y4　又X15 | 杉 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又X15 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又Y4　又X17 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 7.75 | 0.20 | 57.60 | － | － | － | 0.20 | OK |
| | 又X19 | 12.0×36.0=432.0 | TH-33D | － | － | － | 41.50 | 16.98 | 0.41 | 40.30 | － | － | － | 0.41 | OK |
| | 又Y4　又X13 | 杉 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又X13 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又Y4　又X15 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 3.65 | 0.30 | 30.60 | － | － | － | 0.30 | OK |
| | 又X17 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 3.64 | 0.30 | 30.60 | － | － | － | 0.30 | OK |
| | 又Y4　又X16 | 欧州赤松集成材 | TH-33 | － | － | － | 41.50 | 9.65 | 0.23 | 40.30 | － | － | － | 0.23 | OK |
| | 又X20 | 12.0×36.0=432.0 | TH-33 | － | － | － | 33.20 | 1.67 | 0.05 | 40.30 | － | － | － | 0.05 | OK |
| | 又Y4　又X16 | 欧州赤松集成材 | TH-18D | － | － | － | 24.30 | 14.73 | 0.61 | 27.10 | － | － | － | 0.61 | OK |
| | 又X18 | 12.0×30.0=360.0 | TH-18 | － | － | － | 15.30 | 11.72 | 0.77 | 30.60 | － | － | － | 0.77 | OK |
| | | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.29 | 0.21 | 10.30 | － | － | － | 0.21 | OK |
| | 又X4 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.29 | 0.21 | 10.30 | － | － | － | 0.21 | OK |
| | 又X4 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.29 | 0.21 | 10.30 | － | － | － | 0.21 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.29 | 0.21 | 10.30 | － | － | － | 0.21 | OK |
| | 又　又X20 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.47 | 0.24 | 10.30 | － | － | － | 0.24 | OK |
| | 又X21 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.47 | 0.24 | 10.30 | － | － | － | 0.24 | OK |
| | 又　X5 | 欧州赤松集成材 | | － | － | － | － | 5.99 | － | － | － | － | － | － | OK |
| | X7 | 12.0×33.0=396.0 | TH-33 | － | － | － | 33.20 | 5.95 | 0.18 | 40.30 | － | － | － | 0.18 | OK |
| | 又　X7 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 0.16 | － | 40.30 | － | － | － | － | OK |
| | X9 | 12.0×42.0=504.0 | TH-33 | － | － | － | 31.52 | 0.47 | 0.01 | 57.60 | － | － | － | 0.01 | OK |
| | 又　又X16 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 6.71 | 0.17 | 57.60 | － | － | － | 0.17 | OK |
| | 又X19 | 12.0×36.0=432.0 | TH-33 | － | － | － | 39.40 | 15.94 | 0.40 | 57.60 | － | － | － | 0.40 | OK |
| | 又　又X12 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 5.60 | 0.31 | 40.70 | － | － | － | 0.31 | OK |
| | 又X13 | 12.0×24.0=288.0 | TH-24D | － | － | － | 27.92 | 5.60 | 0.20 | 34.80 | － | － | － | 0.20 | OK |
| | 又　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 27.92 | 0.53 | 0.02 | 34.80 | － | － | － | 0.02 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 27.92 | － | － | 34.80 | － | － | － | － | OK |
| | 又　X0 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 5.65 | 0.17 | 40.30 | － | － | － | 0.17 | OK |
| | X3 | 12.0×39.0=468.0 | TH-33 | － | － | － | 33.20 | 6.74 | 0.20 | 40.30 | － | － | － | 0.20 | OK |
| | 又　X3 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.71 | 0.11 | 13.60 | － | － | － | 0.11 | OK |
| | | 12.0×18.0=216.0 | TH-10 | － | － | － | 6.08 | 0.71 | 0.12 | 10.30 | － | － | － | 0.12 | OK |
| | 又　又X10 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 9.13 | 0.29 | 57.60 | － | － | － | 0.29 | OK |
| | 又X16 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 10.07 | 0.32 | 57.60 | － | － | － | 0.32 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 4.17 | 0.13 | 57.60 | － | － | － | 0.13 | OK |
| | 又X18 | 12.0×33.0=396.0 | TH-33 | － | － | － | 31.52 | 3.14 | 0.10 | 57.60 | － | － | － | 0.10 | OK |
| | 又　又X19 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.47 | 0.24 | 10.30 | － | － | － | 0.24 | OK |
| | 又X20 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.47 | 0.24 | 10.30 | － | － | － | 0.24 | OK |
| | 又　又X13 | 杉 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又X14 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.08 | 0.83 | 0.14 | 10.30 | － | － | － | 0.14 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 6.53 | 0.21 | 57.60 | － | － | － | 0.21 | OK |
| | 又X17 | 12.0×33.0=396.0 | TH-33 | － | － | － | 31.52 | 4.45 | 0.14 | 57.60 | － | － | － | 0.14 | OK |
| | X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.59 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | X1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.59 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | X1 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 3.78 | 0.31 | 30.60 | － | － | － | 0.31 | OK |
| | X3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 4.09 | 0.33 | 30.60 | － | － | － | 0.33 | OK |
| | X3 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 12.46 | 0.40 | 57.60 | － | － | － | 0.40 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | － | － | － | 31.52 | 10.76 | 0.34 | 57.60 | － | － | － | 0.34 | OK |
| | X5 | 欧州赤松集成材 | | － | － | － | － | 11.08 | － | － | － | － | － | － | OK |
| | X7 | 12.0×55.0=660.0 | TH-51 | － | － | － | 52.64 | 18.83 | 0.36 | 57.60 | － | － | － | 0.36 | OK |
| | X8 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.48 | 0.04 | 30.60 | － | － | － | 0.04 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 0.48 | 0.04 | 30.60 | － | － | － | 0.04 | OK |
| | 又　又X18 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.47 | 0.24 | 10.30 | － | － | － | 0.24 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.47 | 0.24 | 10.30 | － | － | － | 0.24 | OK |
| | 又　又X12 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 2.65 | 0.22 | 30.60 | － | － | － | 0.22 | OK |
| | 又X15 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 2.32 | 0.19 | 30.60 | － | － | － | 0.19 | OK |
| | 又　又X10 | 杉 | TH-10 | － | － | － | 6.08 | 1.39 | 0.23 | 10.30 | － | － | － | 0.23 | OK |
| | 又X11 | 12.0×12.0=144.0 | TH-10 | － | － | － | 6.08 | 1.39 | 0.23 | 10.30 | － | － | － | 0.23 | OK |
| | 又　又X18 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.74 | 0.12 | 10.30 | － | － | － | 0.12 | OK |
| | 又X18 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.74 | 0.12 | 10.30 | － | － | － | 0.12 | OK |
| | 又　又X14 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 6.73 | 0.21 | 57.60 | － | － | － | 0.21 | OK |
| | 又X16 | 12.0×33.0=396.0 | TH-33 | － | － | － | 31.52 | 6.91 | 0.22 | 57.60 | － | － | － | 0.22 | OK |
| | 又　又X17 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.66 | 0.05 | 30.60 | － | － | － | 0.05 | OK |
| | 又X18 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 0.66 | 0.05 | 30.60 | － | － | － | 0.05 | OK |
| | 又　X8 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 1.08 | 0.06 | 40.70 | － | － | － | 0.06 | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | 1.08 | 0.06 | 40.70 | － | － | － | 0.06 | OK |
| | 又　又X15 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.81 | 0.30 | 10.30 | － | － | － | 0.30 | OK |
| | 又X16 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.81 | 0.30 | 10.30 | － | － | － | 0.30 | OK |
| | 又　又X13 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 9.73 | 0.29 | 40.30 | － | 3.89 | 0.10 | 0.39 | OK |
| | 又X16 | 12.0×36.0=432.0 | TH-33 | － | － | － | 33.20 | 8.94 | 0.27 | 40.30 | － | － | － | 0.27 | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 又X13 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 0.69 | 0.02 | 34.80 | - | - | - | 0.02 | OK |
| | 又X16 | 12.0×30.0=360.0 | TH-24D | - | - | - | 34.90 | 17.06 | 0.49 | 34.80 | - | - | - | 0.49 | OK |
| | X0 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.62 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | X1 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.62 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | X1 | 欧州赤松集成材 | TH-33 | - | - | - | 39.40 | 12.76 | 0.32 | 57.60 | - | - | - | 0.32 | OK |
| | X3 | 12.0×33.0=396.0 | TH-33 | - | - | - | 39.40 | 27.39 | 0.70 | 57.60 | - | - | - | 0.70 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 7.78 | 0.43 | 40.70 | - | - | - | 0.43 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 6.30 | 0.35 | 40.70 | - | - | - | 0.35 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.01 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.01 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| 又 | 又X11 | 杉 | TH-10 | - | - | - | 6.08 | 1.48 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | 又X11 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 1.48 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| 又 | X7 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.14 | 0.01 | 40.70 | - | - | - | - | OK |
| | X8 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 2.95 | 0.16 | 40.70 | - | - | - | 0.16 | OK |
| 又 | X8 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.09 | 0.09 | 30.60 | - | - | - | 0.09 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.09 | 0.09 | 30.60 | - | - | - | 0.09 | OK |
| 又 | X9 | 欧州赤松集成材 | K39 | - | - | - | 79.20 | 0.48 | 0.01 | 99.00 | - | - | - | - | OK |
| | 又X13 | 12.0×39.0=468.0 | TH-33 | - | - | - | 33.20 | 1.90 | 0.06 | 40.30 | - | - | - | 0.06 | OK |
| 又 | 又X21 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.61 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| | 又X22 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.61 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| 又 | 又X14 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.81 | 0.30 | 10.30 | - | - | - | 0.30 | OK |
| | 又X15 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.81 | 0.30 | 10.30 | - | - | - | 0.30 | OK |
| 又 | 又X20 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.61 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| | 又X21 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.61 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| 又 | 又X13 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.51 | 0.25 | 10.30 | - | - | - | 0.25 | OK |
| | 又X14 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.51 | 0.25 | 10.30 | - | - | - | 0.25 | OK |
| Y5 | X0 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 1.02 | 0.03 | 40.30 | - | - | - | 0.03 | OK |
| | X3 | 12.0×33.0=396.0 | TH-33 | - | - | - | 39.40 | 27.48 | 0.70 | 57.60 | - | - | - | 0.70 | OK |
| Y5 | X3 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 10.03 | 0.32 | 57.60 | - | - | - | 0.32 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 8.15 | 0.26 | 57.60 | - | - | - | 0.26 | OK |
| Y5 | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.99 | 0.16 | 10.30 | - | - | - | 0.16 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.99 | 0.16 | 10.30 | - | - | - | 0.16 | OK |
| Y5 | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.94 | 0.16 | 30.60 | - | - | - | 0.16 | OK |
| | X8 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.67 | 0.14 | 30.60 | - | - | - | 0.14 | OK |
| Y5 | X8 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.48 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 0.48 | 0.04 | 30.60 | - | - | - | 0.04 | OK |
| 又Y5 | 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.61 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| | 又X20 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.61 | 0.27 | 10.30 | - | - | - | 0.27 | OK |
| 又Y5 | X9 | 欧州赤松集成材 | BAP-240/60L | - | - | - | 21.28 | 4.20 | 0.20 | 25.90 | - | - | - | 0.20 | OK |
| | 又X12 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.57 | 0.25 | 40.70 | - | - | - | 0.25 | OK |
| 又Y5 | 又X18 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.33 | 0.05 | 10.30 | - | - | - | 0.05 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.33 | 0.05 | 10.30 | - | - | - | 0.05 | OK |
| 又Y5 | 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.81 | 0.13 | 10.30 | - | - | - | 0.13 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.81 | 0.13 | 10.30 | - | - | - | 0.13 | OK |
| 又Y5 | 又X18 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 17.12 | 0.75 | 40.70 | - | - | - | 0.75 | OK |
| | 又X19 | 12.0×30.0=360.0 | TH-24 | - | - | - | 22.70 | 16.83 | 0.74 | 40.70 | - | - | - | 0.74 | OK |
| 又Y5 | 又X19 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.74 | 0.12 | 10.30 | - | - | - | 0.12 | OK |
| | 又X19 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.74 | 0.12 | 10.30 | - | - | - | 0.12 | OK |
| 又Y5 | X10 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 2.84 | 0.47 | 10.30 | - | - | - | 0.47 | OK |
| | 又X10 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 1.92 | 0.30 | 13.60 | - | - | - | 0.30 | OK |
| 又Y5 | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.74 | 0.29 | 10.30 | - | - | - | 0.29 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.74 | 0.27 | 13.60 | - | - | - | 0.27 | OK |
| 又Y5 | X7 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 15.19 | 0.46 | 40.30 | - | - | - | 0.46 | OK |
| | X9 | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 3.81 | 0.11 | 40.30 | - | - | - | 0.11 | OK |
| 又Y5 | X9 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 1.81 | 0.09 | 27.10 | - | - | - | 0.09 | OK |
| | 又X9 | 12.0×18.0=216.0 | 蟻仕口120×120 | 69.6 | 30.9 | 1.60 | 3.30 | 1.81 | 0.55 | - | - | - | - | - | OK |
| | X1 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 7.97 | 0.44 | 40.70 | - | - | - | 0.44 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 7.12 | 0.39 | 40.70 | - | - | - | 0.39 | OK |
| 又 | 又X18 | 欧州赤松集成材 | TH-18 | - | - | - | 15.30 | 6.16 | 0.40 | 30.60 | - | - | - | 0.40 | OK |
| | 又X19 | 12.0×18.0=216.0 | TH-18 | - | - | - | 15.30 | 6.36 | 0.42 | 30.60 | - | - | - | 0.42 | OK |
| 又 | 又X19 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 4.21 | 0.13 | 40.30 | - | - | - | 0.13 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33 | - | - | - | 33.20 | 4.64 | 0.14 | 40.30 | - | - | - | 0.14 | OK |
| 又 | X3 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.64 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.64 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| 又 | X9 | 欧州赤松集成材 | BAP-240/60L | - | - | - | 21.28 | 0.49 | 0.02 | 25.90 | - | - | - | 0.02 | OK |
| | 又X13 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 1.68 | 0.06 | 34.80 | - | - | - | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 0.62 | 0.03 | 40.70 | - | - | - | 0.03 | OK |
| | X1 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 0.62 | 0.03 | 40.70 | - | - | - | 0.03 | OK |
| | X1 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.96 | 0.27 | 40.70 | - | - | - | 0.27 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 4.67 | 0.26 | 40.70 | - | - | - | 0.26 | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.46 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.46 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 4.37 | 0.36 | 30.60 | - | - | - | 0.36 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 4.37 | 0.36 | 30.60 | - | - | - | 0.36 | OK |
| 又 | X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | 1.06 | 0.08 | 22.20 | - | - | - | 0.08 | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.06 | 0.09 | 30.60 | - | - | - | 0.09 | OK |
| 又 | 又X10 | 欧州赤松集成材 | TH-18 | - | - | - | 19.44 | 0.95 | 0.05 | 27.10 | - | - | - | 0.05 | OK |
| | 又X12 | 12.0×18.0=216.0 | TH-18 | - | - | - | 19.44 | 0.95 | 0.05 | 27.10 | - | - | - | 0.05 | OK |
| 又 | 又X10 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 4.80 | 0.17 | 34.80 | - | - | - | 0.17 | OK |
| | 又X12 | 12.0×30.0=360.0 | TH-24D | - | - | - | 27.92 | 9.02 | 0.32 | 34.80 | - | - | - | 0.32 | OK |
| 又 | 又X15 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.95 | 0.16 | 30.60 | - | - | - | 0.16 | OK |
| | 又X16 | 12.0×18.0=216.0 | 蟻仕口120×180 | 123.9 | 72.3 | 1.60 | 7.71 | 2.42 | 0.31 | - | - | - | - | - | OK |
| Y6 | X0 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.62 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | X1 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.62 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| Y6 | X1 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| Y6 | X3 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 13.30 | 0.42 | 57.60 | - | - | - | 0.42 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 9.66 | 0.31 | 57.60 | - | - | - | 0.31 | OK |
| Y6 | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.44 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.44 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| Y6 | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 4.27 | 0.35 | 30.60 | - | - | - | 0.35 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 4.27 | 0.35 | 30.60 | - | - | - | 0.35 | OK |
| 又Y6 | X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | 1.91 | 0.15 | 22.20 | - | - | - | 0.15 | OK |
| | 又X10 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.91 | 0.16 | 30.60 | - | - | - | 0.16 | OK |
| 又Y6 | 又X16 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 1.80 | 0.05 | 40.30 | - | - | - | 0.05 | OK |
| | 又X19 | 12.0×36.0=432.0 | TH-33 | - | - | - | 41.50 | 33.47 | 0.81 | 40.30 | - | - | - | 0.81 | OK |
| 又Y6 | 又X11 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 5.19 | 0.29 | 40.70 | - | - | - | 0.29 | OK |
| | 又X15 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 5.08 | 0.28 | 40.70 | - | - | - | 0.28 | OK |
| | X1 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 4.19 | 0.23 | 40.70 | - | - | - | 0.23 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 4.00 | 0.33 | 30.60 | - | - | - | 0.33 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 4.00 | 0.33 | 30.60 | - | - | - | 0.33 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.44 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.44 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 4.27 | 0.35 | 30.60 | - | - | - | 0.35 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 4.27 | 0.35 | 30.60 | - | - | - | 0.35 | OK |
| 又 | 又X11 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.41 | 0.12 | 30.60 | - | - | - | 0.12 | OK |
| | 又X15 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.41 | 0.12 | 30.60 | - | - | - | 0.12 | OK |
| 又 | X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | 2.47 | 0.20 | 22.20 | - | - | - | 0.20 | OK |
| | 又X11 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 2.47 | 0.20 | 30.60 | - | - | - | 0.20 | OK |
| 又 | 又X12 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 2.12 | 0.17 | 30.60 | - | - | - | 0.17 | OK |
| | 又X15 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 2.12 | 0.17 | 30.60 | - | - | - | 0.17 | OK |
| Y7 | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.21 | 0.01 | 34.80 | - | - | - | - | OK |
| | X3 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 0.43 | 0.02 | 40.70 | - | - | - | 0.02 | OK |
| Y7 | X0 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.99 | 0.16 | 13.60 | - | - | - | 0.16 | OK |
| | X1 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.99 | 0.16 | 13.60 | - | - | - | 0.16 | OK |
| Y7 | X1 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 2.39 | 0.37 | 13.60 | - | - | - | 0.37 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 2.39 | 0.37 | 13.60 | - | - | - | 0.37 | OK |
| Y7 | 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 2.75 | 0.43 | 13.60 | - | - | - | 0.43 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 2.75 | 0.43 | 13.60 | - | - | - | 0.43 | OK |
| Y7 | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 3.22 | 0.26 | 30.60 | - | - | - | 0.26 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18 | - | - | - | 12.24 | 2.30 | 0.19 | 30.60 | - | - | - | 0.19 | OK |
| Y7 | 又X6 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.44 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| | X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.44 | 0.24 | 10.30 | - | - | - | 0.24 | OK |
| Y7 | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 4.27 | 0.35 | 30.60 | - | - | - | 0.35 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 4.27 | 0.35 | 30.60 | - | - | - | 0.35 | OK |
| 又Y7 | X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | 3.02 | 0.24 | 22.20 | - | - | - | 0.24 | OK |
| | 又X11 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 3.02 | 0.25 | 30.60 | - | - | - | 0.25 | OK |
| 又Y7 | 又X12 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 1.31 | 0.05 | 34.80 | - | - | - | 0.05 | OK |
| | 又X16 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 2.91 | 0.10 | 34.80 | - | - | - | 0.10 | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.28 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| | X3 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 4.28 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 3.09 | 0.25 | 30.60 | - | - | - | 0.25 | OK |
| | X5 | 12.0×21.0=252.0 | TH-18D | - | - | - | 19.44 | 3.09 | 0.16 | 27.10 | - | - | - | 0.16 | OK |
| | X5 | 欧州赤松集成材 | TH-51 | - | - | - | 47.84 | 10.31 | 0.22 | 40.30 | - | - | - | 0.22 | OK |
| | X7 | 15.0×55.0=825.0 | TH-51 | - | - | - | 52.64 | 19.51 | 0.37 | 57.60 | - | - | - | 0.37 | OK |
| | X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 3.32 | 0.27 | 30.60 | - | - | - | 0.27 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 3.32 | 0.27 | 30.60 | - | - | - | 0.27 | OK |
| 又 | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 4.28 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| | X3 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 4.28 | 0.24 | 40.70 | - | - | - | 0.24 | OK |
| 又 | X3 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 3.09 | 0.10 | 57.60 | - | - | - | 0.10 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 3.09 | 0.10 | 57.60 | - | - | - | 0.10 | OK |
| 又 | X5 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 6.27 | 0.20 | 57.60 | - | - | - | 0.20 | OK |
| | X7 | 12.0×36.0=432.0 | TH-33 | - | - | - | 31.52 | 7.69 | 0.24 | 57.60 | - | - | - | 0.24 | OK |

| 階 | 位置 | 樹種<br>B×D=A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 X7 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 3.32 | 0.27 | 30.60 | - | - | - | 0.27 | OK |
| | X9 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 3.32 | 0.27 | 30.60 | - | - | - | 0.27 | OK |
| | 又 X9 | 欧州赤松集成材 | BAP-180/60L | - | - | - | 12.48 | 3.42 | 0.27 | 22.20 | - | - | - | 0.27 | OK |
| | 又X12 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 3.42 | 0.28 | 30.60 | - | - | - | 0.28 | OK |
| | Y8 X0 | 欧州赤松集成材 | TH-33 | - | - | - | 39.40 | 18.94 | 0.48 | 57.60 | - | - | - | 0.48 | OK |
| | X3 | 12.0×33.0=396.0 | TH-33 | - | - | - | 39.40 | 9.01 | 0.23 | 57.60 | - | - | - | 0.23 | OK |
| | Y8 X3 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 1.66 | 0.05 | 57.60 | - | - | - | 0.05 | OK |
| | 又X4 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 1.66 | 0.05 | 57.60 | - | - | - | 0.05 | OK |
| | Y8 又X4 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 1.26 | 0.05 | 34.80 | - | - | - | 0.05 | OK |
| | X5 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 1.26 | 0.05 | 34.80 | - | - | - | 0.05 | OK |
| | Y8 又X4 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 1.13 | 0.04 | 57.60 | - | - | - | 0.04 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 1.13 | 0.03 | 40.30 | - | - | - | 0.03 | OK |
| | Y8 X5 | 欧州赤松集成材 | TH-45 | - | - | - | 36.80 | 1.65 | 0.04 | 40.30 | - | - | - | 0.04 | OK |
| | X7 | 12.0×45.0=540.0 | TH-45 | - | - | - | 36.80 | 1.36 | 0.04 | 40.30 | - | - | - | 0.04 | OK |
| | Y8 X7 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 3.43 | 0.12 | 34.80 | - | - | - | 0.12 | OK |
| | X9 | 12.0×24.0=288.0 | TH-24 | - | - | - | 27.92 | 1.57 | 0.06 | 34.80 | - | - | - | 0.06 | OK |
| | Y8 又 | 杉 | TH-10 | - | - | - | 6.40 | 0.29 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | X9 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.29 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | Y8 X9 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.76 | 0.12 | 13.60 | - | - | - | 0.12 | OK |
| | 又X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.63 | 0.25 | 13.60 | - | - | - | 0.25 | OK |
| | Y8 又X9 | 欧州赤松集成材 | K15 | - | - | - | 79.20 | 0.94 | 0.01 | 99.00 | - | - | - | 0.01 | OK |
| | 又X12 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.37 | 0.21 | 13.60 | - | - | - | 0.21 | OK |
| | Y9 X0 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 0.34 | 0.01 | 57.60 | - | - | - | 0.01 | OK |
| | 又X4 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 0.43 | 0.01 | 57.60 | - | - | - | 0.01 | OK |
| | Y9 X3 | 杉 | TH-10 | - | - | - | 6.40 | 0.40 | 0.06 | 13.60 | - | - | - | 0.06 | OK |
| | 又X3 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.40 | 0.06 | 13.60 | - | - | - | 0.06 | OK |
| | Y9 又X3 | 杉 | TH-10 | - | - | - | 6.40 | 0.40 | 0.06 | 13.60 | - | - | - | 0.06 | OK |
| | 又X4 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.40 | 0.40 | 0.06 | 13.60 | - | - | - | 0.06 | OK |
| | Y10 X0 | 欧州赤松集成材 | TH-24 | - | - | - | 5.45 | - | - | 40.70 | - | - | - | - | OK |
| | 又X4 | 12.0×30.0=360.0 | TH-24 | - | - | - | 5.45 | - | - | 40.70 | - | - | - | - | OK |
| | X0 Y0 | 欧州赤松集成材 | TH-33D | - | - | - | 41.50 | 6.25 | 0.15 | 40.30 | - | - | - | 0.15 | OK |
| | 又 | 12.0×42.0=504.0 | TH-33D | - | - | - | 33.20 | 4.26 | 0.13 | 40.30 | 1.34 | - | 0.03 | 0.16 | OK |
| | X0 Y0 | 杉 | TH-10D | - | - | - | 6.40 | 0.29 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | 又Y0 | 12.0×12.0=144.0 | TH-10D | - | - | - | 6.40 | 0.29 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | X0 又Y0 | 杉 | TH-10D | - | - | - | 6.40 | 0.29 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | 又Y1 | 12.0×12.0=144.0 | TH-10D | - | - | - | 6.40 | 0.29 | 0.05 | 13.60 | - | - | - | 0.05 | OK |
| | X0 又 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 1.49 | 0.04 | 40.30 | 1.34 | - | 0.03 | 0.08 | OK |
| | Y2 | 12.0×42.0=504.0 | TH-33D | - | - | - | 33.20 | 7.03 | 0.21 | 40.30 | - | - | - | 0.21 | OK |
| | X0 Y2 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 7.03 | 0.21 | 40.30 | - | - | - | 0.21 | OK |
| | Y3 | 12.0×36.0=432.0 | TH-33D | - | - | - | 33.20 | 1.49 | 0.04 | 40.30 | - | - | - | 0.04 | OK |
| | X0 Y3 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 10.79 | 0.33 | 40.30 | - | - | - | 0.33 | OK |
| | 又 | 12.0×33.0=396.0 | TH-33D | - | - | - | 33.20 | 1.67 | 0.05 | 40.30 | 1.58 | - | 0.04 | 0.09 | OK |
| | X0 Y4 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.39 | 0.06 | 13.60 | - | - | - | 0.06 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 0.39 | 0.06 | 13.60 | - | - | - | 0.06 | OK |
| | X0 又 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | - | - | 13.60 | - | 0.24 | 0.02 | 0.02 | OK |
| | | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | - | - | 13.60 | - | - | - | - | OK |
| | X0 又 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 1.62 | 0.06 | 34.80 | - | 0.24 | 0.01 | 0.06 | OK |
| | Y5 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 0.75 | 0.03 | 34.80 | - | - | - | 0.03 | OK |
| | X0 又 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 1.12 | 0.04 | 34.80 | 1.58 | 0.24 | 0.05 | 0.09 | OK |
| | | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 1.20 | 0.04 | 34.80 | 0.47 | - | 0.01 | 0.06 | OK |
| | X0 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.73 | 0.11 | 13.60 | - | - | - | 0.11 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 0.73 | 0.11 | 13.60 | - | - | - | 0.11 | OK |
| | X0 Y5 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.77 | 0.28 | 13.60 | - | 1.66 | 0.12 | 0.40 | OK |
| | | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 1.77 | 0.28 | 13.60 | - | - | - | 0.28 | OK |
| | X0 Y5 | 欧州赤松集成材 | TH-24D | - | - | - | 27.92 | 5.23 | 0.19 | 34.80 | - | 1.66 | 0.05 | 0.24 | OK |
| | Y7 | 12.0×24.0=288.0 | TH-24D | - | - | - | 27.92 | 1.51 | 0.05 | 34.80 | - | - | - | 0.05 | OK |
| | X0 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.73 | 0.11 | 13.60 | - | - | - | 0.11 | OK |
| | Y6 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 0.73 | 0.11 | 13.60 | - | - | - | 0.11 | OK |
| | X0 Y6 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 1.77 | 0.28 | 13.60 | - | - | - | 0.28 | OK |
| | Y7 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 1.77 | 0.28 | 13.60 | - | - | - | 0.28 | OK |
| | X0 Y7 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 3.63 | 0.11 | 40.30 | - | - | - | 0.11 | OK |
| | Y10 | 12.0×33.0=396.0 | | - | - | - | - | - | - | - | - | - | - | - | OK |
| | X1 Y4 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.97 | 0.16 | 10.30 | - | - | - | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.97 | 0.16 | 10.30 | - | - | - | 0.16 | OK |
| | X1 又 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.49 | 0.19 | 40.70 | - | - | - | 0.19 | OK |
| | Y5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 18.16 | 0.66 | 0.04 | 40.70 | - | - | - | 0.04 | OK |
| | X1 Y5 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 3.73 | 0.21 | 40.70 | - | - | - | 0.21 | OK |
| | Y7 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 3.73 | 0.21 | 40.70 | - | - | - | 0.21 | OK |
| | 又X1 又Y0 | 欧州赤松集成材 | TH-24 | - | - | - | 22.70 | 11.85 | 0.52 | 40.70 | - | - | - | 0.52 | OK |
| | 又Y1 | 12.0×24.0=288.0 | TH-24 | - | - | - | 22.70 | 11.03 | 0.49 | 40.70 | - | - | - | 0.49 | OK |
| | 又X1 Y4 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.97 | 0.16 | 10.30 | - | - | - | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.97 | 0.16 | 10.30 | - | - | - | 0.16 | OK |
| | 又 又Y0 | 欧州赤松集成材 | TH-33 | - | - | - | 39.40 | 20.90 | 0.53 | 57.60 | - | - | - | 0.53 | OK |
| | 又Y1 | 12.0×33.0=396.0 | TH-33 | - | - | - | 39.40 | 19.14 | 0.49 | 57.60 | - | - | - | 0.49 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.66 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 0.66 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | 又 Y3 | 杉 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 杉 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 杉 | TH-10 | - | - | - | 6.08 | 0.17 | 0.03 | 10.30 | - | - | - | 0.03 | OK |
| | Y4 | 12.0×12.0=144.0 | TH-10 | - | - | - | 6.08 | 0.17 | 0.03 | 10.30 | - | - | - | 0.03 | OK |
| | 又 Y4 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.09 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.09 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又Y0 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | - | - | 10.30 | - | - | - | - | OK |
| | 又 又Y1 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.17 | 0.03 | 10.30 | - | - | - | 0.03 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.17 | 0.03 | 10.30 | - | - | - | 0.03 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | Y2 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 Y2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | X2 Y4 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 2.34 | 0.13 | 40.70 | - | - | - | 0.13 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 3.26 | 0.18 | 40.70 | - | - | - | 0.18 | OK |
| | X2 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.59 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.59 | 0.10 | 10.30 | - | - | - | 0.10 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | X2 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | X3 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 0.66 | 0.05 | 30.60 | - | - | - | 0.05 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18D | - | - | - | 19.44 | 0.66 | 0.03 | 27.10 | - | - | - | 0.03 | OK |
| | X3 Y3 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 6.65 | 0.20 | 40.30 | - | - | - | 0.20 | OK |
| | Y4 | 12.0×36.0=432.0 | TH-33D | - | - | - | 33.20 | 3.52 | 0.11 | 40.30 | - | - | - | 0.11 | OK |
| | X3 Y4 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 4.15 | 0.13 | 40.30 | - | - | - | 0.13 | OK |
| | 又 | 12.0×36.0=432.0 | TH-33D | - | - | - | 33.20 | 5.61 | 0.17 | 40.30 | - | - | - | 0.17 | OK |
| | X3 Y4 | 欧州赤松集成材 | TH-10D | - | - | - | 6.40 | 0.28 | 0.04 | 13.60 | - | - | - | 0.04 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10D | - | - | - | 6.40 | 0.28 | 0.04 | 13.60 | - | - | - | 0.04 | OK |
| | X3 又 | 欧州赤松集成材 | G2 | - | - | - | 152.00 | 82.55 | 0.54 | 144.00 | - | - | - | 0.54 | OK |
| | 又 | 15.0×80.0=1200.0 | G2 | - | - | - | 152.00 | 91.59 | 0.60 | 144.00 | - | - | - | 0.60 | OK |
| | X3 又 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 0.40 | 0.01 | 40.30 | - | - | - | 0.01 | OK |
| | Y9 | 12.0×33.0=396.0 | TH-33 | - | - | - | 31.52 | 0.22 | 0.01 | 57.60 | - | - | - | - | OK |
| | 又X3 又Y0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 8.68 | 0.48 | 40.70 | - | - | - | 0.48 | OK |
| | 又Y1 | 12.0×27.0=324.0 | TH-24 | - | - | - | 18.16 | 8.19 | 0.45 | 40.70 | - | - | - | 0.45 | OK |
| | Y4 | 欧州赤松集成材 | | - | - | - | - | 11.81 | - | - | - | - | - | - | OK |
| | | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 3.93 | 0.32 | 30.60 | - | - | - | 0.32 | OK |
| | | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | Y5 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.07 | 0.18 | 10.30 | - | - | - | 0.18 | OK |
| | | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 1.77 | 0.10 | 40.70 | - | - | - | 0.10 | OK |
| | | 12.0×27.0=324.0 | TH-24 | - | - | - | 18.16 | 1.77 | 0.10 | 40.70 | - | - | - | 0.10 | OK |
| | X4 Y0 | 欧州赤松集成材 | TH-45D | - | - | - | 46.00 | 10.38 | 0.23 | 40.30 | - | - | - | 0.23 | OK |
| | Y2 | 12.0×45.0=540.0 | TH-45D | - | - | - | 36.80 | 4.56 | 0.12 | 40.30 | - | - | - | 0.12 | OK |
| | X4 Y2 | 欧州赤松集成材 | TH-33D | - | - | - | 33.20 | 6.20 | 0.19 | 40.30 | - | 0.83 | 0.02 | 0.21 | OK |
| | Y3 | 12.0×36.0=432.0 | TH-33 | - | - | - | 31.52 | 2.60 | 0.08 | 57.60 | - | - | - | 0.08 | OK |
| | X4 又 | 杉 | TH-10D | - | - | - | 6.40 | 0.26 | 0.04 | 13.60 | - | - | - | 0.04 | OK |
| | Y3 | 12.0×12.0=144.0 | TH-10D | - | - | - | 6.40 | 0.26 | 0.04 | 13.60 | - | - | - | 0.04 | OK |
| | 又X4 Y0 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.51 | 0.08 | 10.30 | - | - | - | 0.08 | OK |
| | 又Y1 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 1.05 | 0.17 | 10.30 | - | - | - | 0.17 | OK |
| | 又X4 又 | 欧州赤松集成材 | TH-33 | - | - | - | 31.52 | 0.66 | 0.02 | 57.60 | - | - | - | 0.02 | OK |
| | Y10 | 12.0×33.0=396.0 | | - | - | - | - | - | - | - | - | - | - | - | OK |
| | 又X4 Y4 | 欧州赤松集成材 | | - | - | - | - | 5.52 | - | - | - | - | - | - | OK |
| | | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 4.05 | 0.33 | 30.60 | - | - | - | 0.33 | OK |
| | 又X4 | 欧州赤松集成材 | TH-18 | - | - | - | 12.24 | 1.80 | 0.15 | 30.60 | - | - | - | 0.15 | OK |
| | | 12.0×18.0=216.0 | TH-18 | - | - | - | 12.24 | 1.80 | 0.15 | 30.60 | - | - | - | 0.15 | OK |
| | 又X4 | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.66 | 0.11 | 10.30 | - | - | - | 0.11 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Y0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.43 | 0.07 | 10.30 | － | － | － | 0.07 | OK |
| | Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.09 | 0.01 | 10.30 | － | － | － | 0.01 | OK |
| | Y1 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.68 | 0.11 | 10.30 | － | － | － | 0.11 | OK |
| | 又Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.68 | 0.11 | 10.30 | － | － | － | 0.11 | OK |
| 又 | Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 19.93 | 0.51 | 57.60 | － | － | － | 0.51 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 39.40 | 12.63 | 0.32 | 57.60 | － | － | － | 0.32 | OK |
| 又 | Y2 | 欧州赤松集成材 | TH-24 | － | － | － | 22.70 | 6.60 | 0.29 | 40.70 | － | － | － | 0.29 | OK |
| | Y3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 22.70 | 10.42 | 0.46 | 40.70 | － | － | － | 0.46 | OK |
| X5 | Y0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.52 | 0.09 | 10.30 | － | － | － | 0.09 | OK |
| | Y1 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.52 | 0.09 | 10.30 | － | － | － | 0.09 | OK |
| X5 | Y1 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 1.02 | 0.08 | 30.60 | － | － | － | 0.08 | OK |
| | 又Y1 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 1.02 | 0.08 | 30.60 | － | － | － | 0.08 | OK |
| X5 | 又Y1 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 1.98 | 0.16 | 30.60 | － | － | － | 0.16 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 1.98 | 0.16 | 30.60 | － | － | － | 0.16 | OK |
| X5 | 又 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.37 | 0.03 | 30.60 | － | － | － | 0.03 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 0.37 | 0.03 | 30.60 | － | － | － | 0.03 | OK |
| X5 | 又 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 1.98 | 0.16 | 30.60 | － | － | － | 0.16 | OK |
| | Y2 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 1.98 | 0.16 | 30.60 | － | － | － | 0.16 | OK |
| X5 | Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 1.98 | 0.16 | 30.60 | － | － | － | 0.16 | OK |
| | | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 1.98 | 0.16 | 30.60 | － | － | － | 0.16 | OK |
| X5 | | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.89 | 0.15 | 10.30 | － | － | － | 0.15 | OK |
| | Y3 | 12.0×15.0=180.0 | TH-10D | － | － | － | 6.40 | 0.89 | 0.14 | 13.60 | － | － | － | 0.14 | OK |
| X5 | Y3 | 欧州赤松集成材 | TH-45D | － | － | － | 36.80 | 10.76 | 0.29 | 40.30 | － | － | － | 0.29 | OK |
| | Y4 | 12.0×45.0=540.0 | TH-45D | － | － | － | 36.80 | 14.85 | 0.40 | 40.30 | － | － | － | 0.40 | OK |
| X5 | Y4 | 欧州赤松集成材 | G1 | － | － | － | 182.00 | 85.85 | 0.47 | 289.00 | － | － | － | 0.47 | OK |
| | | 15.0×123.0=1845.0 | G1 | － | － | － | 182.00 | 87.94 | 0.48 | 289.00 | － | － | － | 0.48 | OK |
| X5 | | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 1.11 | 0.04 | 34.80 | － | － | － | 0.04 | OK |
| | Y8 | 12.0×24.0=288.0 | TH-24D | － | － | － | 27.92 | 0.74 | 0.03 | 34.80 | － | － | － | 0.03 | OK |
| X5 | | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 7.60 | 0.23 | 40.30 | － | － | － | 0.23 | OK |
| | Y8 | 12.0×36.0=432.0 | TH-33D | － | － | － | 33.20 | 4.70 | 0.14 | 40.30 | － | － | － | 0.14 | OK |
| 又X5 | Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 17.26 | 0.44 | 57.60 | － | － | － | 0.44 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 39.40 | 11.66 | 0.30 | 57.60 | － | － | － | 0.30 | OK |
| 又X5 | Y2 | 欧州赤松集成材 | TH-24 | － | － | － | 22.70 | 6.42 | 0.28 | 40.70 | － | － | － | 0.28 | OK |
| | Y3 | 12.0×27.0=324.0 | TH-24 | － | － | － | 22.70 | 10.26 | 0.45 | 40.70 | － | － | － | 0.45 | OK |
| 又X5 | Y3 | 杉 | TH-10 | － | － | － | 6.08 | 0.58 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | | 12.0×12.0=144.0 | 105大入れ | 144.0 | 144.0 | 0.96 | 9.22 | 0.58 | 0.06 | － | － | － | － | － | OK |
| 又X5 | | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.58 | 0.11 | － | － | － | － | － | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.58 | 0.11 | － | － | － | － | － | OK |
| 又X5 | | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.58 | 0.11 | － | － | － | － | － | OK |
| | 又Y4 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.58 | 0.11 | － | － | － | － | － | OK |
| 又X5 | 又Y4 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.31 | 0.06 | － | － | － | － | － | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.31 | 0.06 | － | － | － | － | － | OK |
| 又X5 | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.39 | 0.08 | － | － | － | － | － | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.39 | 0.08 | － | － | － | － | － | OK |
| 又 | Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 18.46 | 0.47 | 57.60 | － | － | － | 0.47 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 39.40 | 10.69 | 0.27 | 57.60 | － | － | － | 0.27 | OK |
| 又 | Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 3.31 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 3.31 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.17 | 0.03 | － | － | － | － | － | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.17 | 0.03 | － | － | － | － | － | OK |
| | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | Y8 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| 又 | Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 16.11 | 0.41 | 57.60 | － | － | － | 0.41 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 39.40 | 10.15 | 0.26 | 57.60 | － | － | － | 0.26 | OK |
| 又 | Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 3.31 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 3.31 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| 又 | Y3 | 杉 | TH-10 | － | － | － | 6.08 | 0.66 | 0.11 | 10.30 | － | － | － | 0.11 | OK |
| | | 12.0×12.0=144.0 | 105大入れ | 144.0 | 144.0 | 0.96 | 9.22 | 0.66 | 0.07 | － | － | － | － | － | OK |
| 又 | | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| 又 | | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | 又Y4 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| 又 | 又Y4 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.33 | 0.06 | － | － | － | － | － | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.33 | 0.06 | － | － | － | － | － | OK |
| 又 | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.42 | 0.08 | － | － | － | － | － | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.42 | 0.08 | － | － | － | － | － | OK |
| 又 | Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 6.70 | 0.21 | 57.60 | － | － | － | 0.21 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 8.00 | 0.25 | 57.60 | － | － | － | 0.25 | OK |
| 又 | Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 3.31 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 3.31 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.17 | 0.03 | － | － | － | － | － | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.17 | 0.03 | － | － | － | － | － | OK |
| | 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | Y8 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |

| 階 | 位置 | 樹種<br>B×D＝A（cm²） | 横架材端部<br>仕様 | Ao<br>（cm²） | Ae<br>（cm²） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X6 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 9.78 | 0.31 | 57.60 | － | － | － | 0.31 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33D | － | － | － | 33.20 | 8.71 | 0.26 | 40.30 | － | － | － | 0.26 | OK |
| | X6 Y2 | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 1.87 | 0.07 | 34.80 | － | － | － | 0.07 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | 2.64 | 0.15 | 40.70 | － | － | － | 0.15 | OK |
| | X6 Y3 | 杉 | TH-10 | － | － | － | 6.08 | 0.66 | 0.11 | 10.30 | － | － | － | 0.11 | OK |
| | | 12.0×12.0=144.0 | 105大入れ | 144.0 | 144.0 | 0.96 | 9.22 | 0.66 | 0.07 | － | － | － | － | － | OK |
| | X6 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | X6 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | 又Y4 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.66 | 0.13 | － | － | － | － | － | OK |
| | X6 又Y4 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.33 | 0.06 | － | － | － | － | － | OK |
| | 又 | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.33 | 0.06 | － | － | － | － | － | OK |
| | X6 又 | 杉 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.42 | 0.08 | － | － | － | － | － | OK |
| | | 9.0×9.0=81.0 | 105大入れ | 81.0 | 81.0 | 0.96 | 5.18 | 0.42 | 0.08 | － | － | － | － | － | OK |
| | 又X6 | 欧州赤松集成材 | TH-51 | － | － | － | 52.64 | 14.35 | 0.27 | 57.60 | － | － | － | 0.27 | OK |
| | | 15.0×55.0=825.0 | TH-51 | － | － | － | 52.64 | 15.35 | 0.29 | 57.60 | － | － | － | 0.29 | OK |
| | 又X6 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.61 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.61 | 0.10 | 10.30 | － | － | － | 0.10 | OK |
| | 又X6 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 1.63 | 0.27 | 10.30 | － | － | － | 0.27 | OK |
| | Y8 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 1.63 | 0.27 | 10.30 | － | － | － | 0.27 | OK |
| | Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 12.38 | 0.39 | 57.60 | － | － | － | 0.39 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 9.30 | 0.30 | 57.60 | － | － | － | 0.30 | OK |
| | Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 2.97 | 0.24 | 30.60 | － | － | － | 0.24 | OK |
| | Y3 | 12.0×21.0=252.0 | TH-18 | － | － | － | 12.24 | 2.97 | 0.24 | 30.60 | － | － | － | 0.24 | OK |
| | X7 Y2 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 0.99 | 0.05 | 40.70 | － | － | － | 0.05 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24D | － | － | － | 27.92 | 2.08 | 0.07 | 34.80 | － | － | － | 0.07 | OK |
| | X7 Y3 | 欧州赤松集成材 | TH-45D | － | － | － | 36.80 | 17.03 | 0.46 | 40.30 | － | － | － | 0.46 | OK |
| | 又 | 12.0×45.0=540.0 | TH-45D | － | － | － | 36.80 | 18.32 | 0.50 | 40.30 | － | － | － | 0.50 | OK |
| | X7 又 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 13.17 | 0.40 | 40.30 | － | － | － | 0.40 | OK |
| | 又Y5 | 12.0×55.0=660.0 | TH-33D | － | － | － | 33.20 | 2.90 | 0.09 | 40.30 | － | － | － | 0.09 | OK |
| | X7 又Y5 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 3.85 | 0.12 | 40.30 | － | － | － | 0.12 | OK |
| | Y8 | 12.0×55.0=660.0 | TH-33D | － | － | － | 33.20 | 1.17 | 0.04 | 40.30 | － | － | － | 0.04 | OK |
| | X7 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又Y6 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X7 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | Y8 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又X7 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 31.52 | 6.70 | 0.21 | 57.60 | － | － | － | 0.21 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 31.52 | 8.00 | 0.25 | 57.60 | － | － | － | 0.25 | OK |
| | 又X7 Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 2.12 | 0.17 | 30.60 | － | － | － | 0.17 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 2.12 | 0.17 | 30.60 | － | － | － | 0.17 | OK |
| | 又X7 又 | 杉 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又X7 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 1.20 | 0.07 | 40.70 | － | － | － | 0.07 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | 1.20 | 0.07 | 40.70 | － | － | － | 0.07 | OK |
| | 又X7 又 | 杉 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | － | － | 13.60 | － | － | － | － | OK |
| | 又X7 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.32 | 0.05 | 10.30 | － | － | － | 0.05 | OK |
| | Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.32 | 0.05 | 10.30 | － | － | － | 0.05 | OK |
| | 又X7 Y5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.42 | 0.07 | 10.30 | － | － | － | 0.07 | OK |
| | 又Y5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.08 | 0.42 | 0.07 | 10.30 | － | － | － | 0.07 | OK |
| | 又 Y0 | 欧州赤松集成材 | TH-33 | － | － | － | 39.40 | 27.01 | 0.69 | 57.60 | － | － | － | 0.69 | OK |
| | Y2 | 12.0×39.0=468.0 | TH-33 | － | － | － | 39.40 | 12.23 | 0.31 | 57.60 | － | － | － | 0.31 | OK |
| | 又 Y2 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 3.25 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | Y3 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 3.25 | 0.27 | 30.60 | － | － | － | 0.27 | OK |
| | X8 Y0 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | － | － | 30.60 | － | － | － | － | OK |
| | Y1 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | － | － | 30.60 | － | － | － | － | OK |
| | X8 Y1 | 欧州赤松集成材 | TH-18 | － | － | － | 12.24 | 0.77 | 0.06 | 30.60 | － | － | － | 0.06 | OK |
| | 又 | 12.0×18.0=216.0 | TH-18 | － | － | － | 12.24 | 0.77 | 0.06 | 30.60 | － | － | － | 0.06 | OK |
| | X8 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 3.73 | 0.21 | 40.70 | － | － | － | 0.21 | OK |
| | Y2 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | 3.73 | 0.21 | 40.70 | － | － | － | 0.21 | OK |
| | X8 Y3 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 6.07 | 0.33 | 40.70 | － | － | － | 0.33 | OK |
| | 又 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | 7.10 | 0.39 | 40.70 | － | － | － | 0.39 | OK |
| | X8 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X8 又 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 1.62 | 0.09 | 40.70 | － | － | － | 0.09 | OK |
| | 又Y5 | 12.0×30.0=360.0 | TH-24 | － | － | － | 18.16 | 2.03 | 0.11 | 40.70 | － | － | － | 0.11 | OK |
| | X8 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又X8 Y2 | 欧州赤松集成材 | TH-24 | － | － | － | 18.16 | 2.58 | 0.14 | 40.70 | － | － | － | 0.14 | OK |
| | Y3 | 12.0×24.0=288.0 | TH-24 | － | － | － | 18.16 | 2.58 | 0.14 | 40.70 | － | － | － | 0.14 | OK |
| | X9 Y0 | 欧州赤松集成材 | TH-33D | － | － | － | 33.20 | 0.75 | 0.02 | 40.30 | － | － | － | 0.02 | OK |
| | Y2 | 12.0×42.0=504.0 | TH-33D | － | － | － | 41.50 | 9.29 | 0.22 | 40.30 | － | － | － | 0.22 | OK |
| | X9 又Y1 | 杉 | TH-10D | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QN<br>（kN） | せん断<br>検定値 | Ta<br>（kN） | TN1<br>（kN） | TN2<br>（kN） | 引張<br>検定値 | 検定値<br>合計 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X9 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.29 | 0.05 | 13.60 | － | － | － | 0.05 | OK |
| | X9 Y2 | 欧州赤松集成材 | TH-24D | － | － | － | 34.90 | 13.78 | 0.39 | 34.80 | － | － | － | 0.39 | OK |
| | Y3 | 12.0×39.0=468.0 | K39 | － | － | － | 79.20 | 10.08 | 0.13 | 99.00 | － | － | － | 0.13 | OK |
| | X9 Y3 | 欧州赤松集成材 | TH-33 | － | － | － | 33.20 | 7.39 | 0.22 | 40.30 | － | － | － | 0.22 | OK |
| | 又Y5 | 12.0×39.0=468.0 | TH-33D | － | － | － | 33.20 | 4.81 | 0.14 | 40.30 | － | － | － | 0.14 | OK |
| | X9 又Y5 | 欧州赤松集成材 | TH-24D | － | － | － | 27.92 | 3.86 | 0.14 | 34.80 | － | － | － | 0.14 | OK |
| | Y8 | 12.0×24.0=288.0 | TH-24D | － | － | － | 27.92 | 2.55 | 0.09 | 34.80 | － | － | － | 0.09 | OK |
| | X9 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.23 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | 又Y6 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.23 | 0.04 | 13.60 | － | － | － | 0.04 | OK |
| | X9 又Y6 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X9 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又Y7 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X9 又Y7 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | 又 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | X9 又 | 杉 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |
| | Y8 | 12.0×12.0=144.0 | TH-10D | － | － | － | 6.40 | 0.22 | 0.03 | 13.60 | － | － | － | 0.03 | OK |

②母屋

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QS<br>（kN） | せん断<br>検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又 X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.03 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.03 | 0.16 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.03 | 0.16 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.41 | 0.06 | OK |
| | 又 X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | 又X2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | 又 又X2 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | 又 X5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.97 | 0.15 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.41 | 0.06 | OK |
| | 又 又X11 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.54 | 0.08 | OK |
| | 又X13 | 12.0×15.0=180.0 | | － | － | － | － | 0.54 | － | OK |
| | 又Y2 X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.00 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.00 | 0.16 | OK |
| | 又Y2 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.93 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.93 | 0.14 | OK |
| | 又Y2 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.93 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.00 | 0.16 | OK |
| | 又Y2 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.93 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.93 | 0.14 | OK |
| | 又Y2 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.93 | 0.14 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.39 | 0.06 | OK |
| | 又 X9 | 欧州赤松集成材 | K15-2 | － | － | － | 79.20 | 0.46 | 0.01 | OK |
| | 又X11 | 12.0×15.0=180.0 | | － | － | － | － | 0.96 | － | OK |
| | 又 X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.72 | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.72 | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | 又X2 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | 又 又X2 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | 又 X5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.72 | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.67 | 0.11 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.29 | 0.04 | OK |
| | 又 又X10 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.86 | 0.12 | OK |
| | 又X14 | 12.0×15.0=180.0 | | － | － | － | － | 0.38 | － | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QS<br>（kN） | せん断<br>検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Y3 X0 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.77 | 0.03 | OK |
| | 又 | 12.0×30.0=360.0 | TH-24 | - | - | - | 27.92 | 0.77 | 0.03 | OK |
| | Y3 又 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.71 | 0.03 | OK |
| | X5 | 12.0×30.0=360.0 | TH-24 | - | - | - | 27.92 | 0.71 | 0.03 | OK |
| | Y3 X5 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.90 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.90 | 0.14 | OK |
| | Y3 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.84 | 0.13 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.84 | 0.13 | OK |
| | 又Y3 又X11 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.31 | 0.04 | OK |
| | 又X14 | 12.0×15.0=180.0 | | - | - | - | - | 0.34 | - | OK |
| | 又Y3 X9 | 欧州赤松集成材 | K15-2 | - | - | - | 79.20 | 0.85 | 0.01 | OK |
| | 又X10 | 12.0×15.0=180.0 | | - | - | - | - | 0.85 | - | OK |
| | 又Y3 又X17 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.56 | 0.08 | OK |
| | 又X19 | 12.0×15.0=180.0 | | - | - | - | - | 0.56 | - | OK |
| | 又 又X11 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.83 | 0.11 | OK |
| | 又X15 | 12.0×15.0=180.0 | | - | - | - | - | 0.55 | - | OK |
| | 又 X9 | 欧州赤松集成材 | K15-2 | - | - | - | 79.20 | 0.09 | - | OK |
| | 又X11 | 12.0×15.0=180.0 | | - | - | - | - | 0.31 | - | OK |
| | X0 | 欧州赤松集成材 | TH-24 | - | - | - | 18.16 | 2.00 | 0.11 | OK |
| | | 12.0×24.0=288.0 | TH-24 | - | - | - | 18.16 | 2.00 | 0.11 | OK |
| | | 欧州赤松集成材 | TH-10 | - | - | - | 6.08 | 0.79 | 0.13 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.08 | 0.79 | 0.13 | OK |
| | Y4 X0 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.68 | 0.02 | OK |
| | | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 0.38 | 0.01 | OK |
| | Y4 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.79 | 0.03 | OK |
| | X5 | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 0.79 | 0.03 | OK |
| | Y4 X5 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 1.00 | 0.04 | OK |
| | 又X7 | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 1.02 | 0.04 | OK |
| | Y4 又X7 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 1.27 | 0.05 | OK |
| | X9 | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 1.27 | 0.05 | OK |
| | 又Y4 又X12 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.74 | 0.10 | OK |
| | 又X16 | 12.0×15.0=180.0 | | - | - | - | - | 0.45 | - | OK |
| | 又Y4 X9 | 欧州赤松集成材 | K15-2 | - | - | - | 79.20 | 0.47 | 0.01 | OK |
| | 又X11 | 12.0×15.0=180.0 | | - | - | - | - | 0.83 | - | OK |
| | 又Y4 又X14 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.34 | 0.05 | OK |
| | 又X17 | 12.0×15.0=180.0 | | - | - | - | - | 0.49 | - | OK |
| | 又Y4 又X16 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.52 | 0.07 | OK |
| | 又X20 | 12.0×15.0=180.0 | | - | - | - | - | 0.47 | - | OK |
| | 又 X5 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.87 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.87 | 0.14 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.88 | 0.14 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.88 | 0.14 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 0.88 | 0.14 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 0.88 | 0.14 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.10 | 0.17 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.10 | 0.17 | OK |
| | 又 又X19 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.56 | 0.08 | OK |
| | 又X21 | 12.0×15.0=180.0 | | - | - | - | - | 0.56 | - | OK |
| | X0 | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 1.98 | 0.06 | OK |
| | | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 1.21 | 0.04 | OK |
| | | 欧州赤松集成材 | TH-33 | - | - | - | 33.20 | 1.26 | 0.04 | OK |
| | X5 | 12.0×33.0=396.0 | TH-33 | - | - | - | 33.20 | 1.26 | 0.04 | OK |
| | 又 X9 | 欧州赤松集成材 | K15-2 | - | - | - | 79.20 | 0.83 | 0.01 | OK |
| | 又X12 | 12.0×15.0=180.0 | | - | - | - | - | 0.74 | - | OK |
| | 又 又X10 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 0.34 | 0.05 | OK |
| | 又X14 | 12.0×15.0=180.0 | | - | - | - | - | 0.45 | - | OK |
| | 又 又X13 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 1.03 | 0.14 | OK |
| | 又X16 | 12.0×15.0=180.0 | | - | - | - | - | 1.03 | - | OK |
| | 又 X5 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.01 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.01 | 0.16 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.03 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.03 | 0.16 | OK |
| | 又 又 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.03 | 0.16 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.03 | 0.16 | OK |
| | 又 又X7 | 欧州赤松集成材 | TH-10 | - | - | - | 6.40 | 1.28 | 0.20 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | - | - | - | 6.40 | 1.28 | 0.20 | OK |
| | 又 X9 | 欧州赤松集成材 | K15-2 | - | - | - | 79.20 | 0.28 | - | OK |
| | 又X10 | 12.0×15.0=180.0 | | - | - | - | - | 0.45 | - | OK |
| | 又 又X15 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 1.03 | 0.14 | OK |
| | 又X19 | 12.0×15.0=180.0 | | - | - | - | - | 1.03 | - | OK |
| | Y5 X0 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 0.95 | 0.03 | OK |
| | | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 0.54 | 0.02 | OK |
| | Y5 | 欧州赤松集成材 | TH-24 | - | - | - | 27.92 | 1.10 | 0.04 | OK |
| | X5 | 12.0×27.0=324.0 | TH-24 | - | - | - | 27.92 | 1.10 | 0.04 | OK |

| 階 | 位置 | 樹種<br>B×D＝A（c㎡） | 横架材端部<br>仕様 | Ao<br>（c㎡） | Ae<br>（c㎡） | fs<br>(N/mm²) | QSa<br>（kN） | QS<br>（kN） | せん断<br>検定値 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又Y5　又X18 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 56.4 | 1.60 | 6.02 | 1.04 | 0.17 | OK |
| | 又X22 | 12.0×18.0=216.0 | | － | － | － | － | 0.48 | － | OK |
| | 又Y5　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.03 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.03 | 0.16 | OK |
| | 又Y5　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又Y5　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.04 | 0.16 | OK |
| | 又Y5　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.30 | 0.20 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.30 | 0.20 | OK |
| | 又　又X12 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 67.7 | 1.60 | 7.22 | 1.03 | 0.14 | OK |
| | 又X15 | 12.0×15.0=180.0 | | － | － | － | － | 1.03 | － | OK |
| | 又　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 27.92 | 2.40 | 0.09 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 18.16 | 2.40 | 0.13 | OK |
| | 又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.08 | 0.95 | 0.16 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.95 | 0.15 | OK |
| | 又　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 79.20 | 0.52 | 0.01 | OK |
| | 又X13 | 12.0×15.0=180.0 | | － | － | － | － | 1.03 | － | OK |
| | 又　又X15 | 欧州赤松集成材 | 鎌継120×150 | 110.4 | 56.4 | 1.60 | 6.02 | 1.04 | 0.17 | OK |
| | 又X18 | 12.0×18.0=216.0 | | － | － | － | － | 1.04 | － | OK |
| | Y6　X0 | 欧州赤松集成材 | TH-24 | － | － | － | 27.92 | 2.79 | 0.10 | OK |
| | | 12.0×27.0=324.0 | TH-24 | － | － | － | 27.92 | 2.79 | 0.10 | OK |
| | Y6 | 欧州赤松集成材 | TH-24 | － | － | － | 27.92 | 1.10 | 0.04 | OK |
| | X5 | 12.0×27.0=324.0 | TH-24 | － | － | － | 27.92 | 1.10 | 0.04 | OK |
| | Y6　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.10 | 0.17 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.10 | 0.17 | OK |
| | Y6　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.12 | 0.17 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.12 | 0.17 | OK |
| | Y6　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.12 | 0.17 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.12 | 0.17 | OK |
| | Y6　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 1.39 | 0.22 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 1.39 | 0.22 | OK |
| | 又Y6　X9 | 欧州赤松集成材 | K15-2 | － | － | － | 79.20 | － | － | OK |
| | 又X12 | 12.0×15.0=180.0 | | － | － | － | － | 0.98 | － | OK |
| | Y7　X0 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | Y7　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.95 | 0.15 | OK |
| | X3 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.95 | 0.15 | OK |
| | Y7　X3 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.63 | 0.10 | OK |
| | X5 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.63 | 0.10 | OK |
| | Y7　X5 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | Y7　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | 又 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | Y7　又 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | 又X7 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.77 | 0.12 | OK |
| | Y7　又X7 | 欧州赤松集成材 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |
| | X9 | 12.0×15.0=180.0 | TH-10 | － | － | － | 6.40 | 0.96 | 0.15 | OK |

## 6.1 軸力算定

### (1) 耐力壁の耐力と軸力の算定

X1 通 Y＋方向

X1 通 Y－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
X2 通 Y＋方向
3541
3541
3704
3704
Pi = 3.00
K = 136.20
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X2 通 Y－方向
3541
3541
3704
3704
Pi = 3.00
K = 136.20
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
X3 通 Y＋方向
3541
3541
3704
3704
Pi = 12.84
K = 668.52
Pi = 24.80
K = 1093.12
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X3 通 Y－方向
3541
3541
3704
3704
Pi = 12.84
K = 668.52
Pi = 24.80
K = 1093.12
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X4 通 Y＋方向

X4 通 Y－方向

又X4 通 Y＋方向

又X4 通 Y－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

通 Y＋方向

3541
3541
3704
3704
倍率 = 4.00
倍率 = 3.00
倍率 = 1.24
倍率 = 1.24
-23.80 0.00 24.97
(-11.90 0.00 (12.49)
Pi = 12.26
K = 496.50
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

通 Y－方向

3541
3541
3704
3704
倍率 = 4.00
倍率 = 3.00
倍率 = 1.24
倍率 = 1.24
25.43 0.00 -24.97
(12.71 0.00 (-12.49)
Pi = 12.26
K = 496.50
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 Y＋方向

3541
3541
3704
3704
3.33
(1.67)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又 通 Y－方向

3541
3541
3704
3704
2.00
(1.00)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X5 通 Y＋方向

X5 通 Y－方向

又X5 通 Y＋方向

又X5 通 Y－方向

又X5 通 Y＋方向

又X5 通 Y－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 Y＋方向

3541
3541
3704
3704
0.00
(0.00)
1.93
(0.96)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又 通 Y－方向

3541
3541
3704
3704
0.00
(0.00)
-1.16
(-0.58)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 Y＋方向

3541
3541
3704
3704
0.28
(0.24)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又 通 Y－方向

3541
3541
3704
3704
0.11
(0.05)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
X6 通 Y＋方向
3541
3541
3704
3704
0.00
(0.00)
耐力壁 = 2.50
耐力壁 = 1.00
倍率 = 1.00
倍率 = 1.00
倍率 = 5.00
0.00
(0.00)
36.30
(-18.15)
36.30
(18.15)
0.00
(0.00)
Pi = 15.58
K = 630.94
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X6 通 Y－方向
3541
3541
3704
3704
0.00
(0.00)
耐力壁 = 2.50
耐力壁 = 1.00
倍率 = 1.00
倍率 = 1.00
倍率 = 5.00
0.00
(0.00)
36.30
(18.15)
-36.30
(-18.15)
0.00
(0.00)
Pi = 15.58
K = 630.94
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
X7 通 Y＋方向
3541
3541
3704
3704
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X7 通 Y－方向
3541
3541
3704
3704
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X7 通 Y＋方向

又X7 通 Y－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
X8 通 Y＋方向
3541
3541
3704
3704
Pi = 15.19
K = 643.46
Pi = 8.94
K = 362.04
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X8 通 Y－方向
3541
3541
3704
3704
Pi = 15.19
K = 643.46
Pi = 8.94
K = 362.04
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
():めり込みの検討用
X9 通 Y＋方向
3541
3704
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X9 通 Y－方向
3541
3704
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X9 通 Y＋方向

又X9 通 Y－方向

X10 通 Y＋方向

X10 通 Y－方向

又X10 通 Y＋方向

又X10 通 Y－方向

又X10 通 Y＋方向

又X10 通 Y－方向

又X10 通 Y＋方向

又X10 通 Y－方向

又X10 通 Y＋方向

又X10 通 Y－方向

又X10 通 Y＋方向

又X10 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X11 通 Y＋方向

又X11 通 Y－方向

又X12 通 Y＋方向

又X12 通 Y－方向

又X12 通 Y＋方向

又X12 通 Y－方向

又X12 通 Y＋方向

又X12 通 Y－方向

又X12 通 Y＋方向

又X12 通 Y－方向

又X12 通 Y＋方向

又X12 通 Y－方向

又X12 通 Y＋方向

又X12 通 Y－方向

又X13 通 Y＋方向

又X13 通 Y－方向

又X13 通 Y＋方向

又X13 通 Y－方向

又X13 通 Y＋方向

又X13 通 Y－方向

又X14 通 Y＋方向

又X14 通 Y－方向

又X14 通 Y＋方向

又X14 通 Y－方向

又X14 通 Y＋方向

又X14 通 Y－方向

又X15 通 Y＋方向

又X15 通 Y－方向

又X15 通 Y＋方向

又X15 通 Y－方向

又X15 通 Y＋方向

又X15 通 Y－方向

又X15 通 Y＋方向

又X15 通 Y－方向

又X15 通 Y＋方向

又X15 通 Y－方向

又X16 通 Y＋方向

又X16 通 Y－方向

又X16 通 Y＋方向

又X16 通 Y－方向

又X16 通 Y＋方向

又X16 通 Y－方向

又X16 通 Y＋方向

又X16 通 Y－方向

又X17 通 Y＋方向

又X17 通 Y－方向

又X17 通 Y＋方向

又X17 通 Y－方向

又X17 通 Y＋方向

又X17 通 Y－方向

又X18 通 Y＋方向

又X18 通 Y－方向

又X18 通 Y＋方向

又X18 通 Y－方向

又X18 通 Y＋方向

又X18 通 Y－方向

又X18 通 Y＋方向

又X18 通 Y－方向

又X19 通 Y＋方向

又X19 通 Y－方向

又X19 通 Y＋方向

又X19 通 Y－方向

又X19 通 Y＋方向

又X19 通 Y－方向

又X20 通 Y＋方向

又X20 通 Y－方向

又X20 通 Y＋方向

又X20 通 Y－方向

又X21 通 Y＋方向

又X21 通 Y－方向

又X21 通 Y＋方向

又X21 通 Y－方向

又X21 通 Y＋方向

又X21 通 Y－方向

又X21 通 Y＋方向

又X21 通 Y－方向

又X22 通 Y＋方向

又X22 通 Y－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 Y＋方向

3541
3541
3704
3704
引筋 = 1.50
倍率 = 1.50
圧筋 = 1.67
倍率 = 1.67
Pi = 1.80
K = 76.25
8.12
(6.50)
8.12
(6.50)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又 通 Y－方向

3541
3541
3704
3704
圧筋 = 2.50
倍率 = 1.56
引筋 = 1.56
倍率 = 1.56
Pi = 3.02
K = 127.93
-13.53
(-10.83)
-13.53
(-10.83)
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

Y0 通 X＋方向

Y0 通 X－方向

又Y0 通 X＋方向

又Y0 通 X－方向

Y1 通 X＋方向

Y1 通 X－方向

又Y1 通 X＋方向

又Y1 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
0.00
(0.00)
13.55
(10.84)
Pi = 5.58
K = 223.97
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
0.00
(0.00)
11.81
(9.45)
Pi = 5.58
K = 223.97
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
耐力壁 = 2.50
倍率 = 1.19
倍率 = 2.17
15.75
(12.60)
Ri = 3.35
K = 133.66
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
耐力壁 = 2.50
倍率 = 1.19
倍率 = 2.17
15.75
(12.60)
Ri = 3.35
K = 133.66
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

## 又 通 X＋方向

3541
3541
3704
3704
6.30
(5.11)
Ri = 4.23
K = 179.19
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

## 又 通 X－方向

3541
3541
3704
3704
6.30
(5.11)
Ri = 4.23
K = 179.19
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
圧縮 = 3.20
倍率 = 1.00
引抜 = 1.00
倍率 = 2.17
15.06
(12.05)
Ri = 3.84
R = 162.67
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
引抜 = 1.50
倍率 = 1.00
圧縮 = 1.20
倍率 = 1.00
9.02
(7.22)
Ri = 2.31
R = 97.35
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
Pi ≡ 2.22
K ≡ 94.46
Pi ≡ 2.22
K ≡ 90.31
1.60
(1.28)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
Pi ≡ 1.33
K ≡ 36.34
Pi ≡ 2.22
K ≡ 90.31
0.96
(0.77)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
8.68 Ri = 2.22
(6.94) K = 94.46
6.89 Ri = 2.22
(5.51) K = 90.31
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
5.21 Ri = 1.33
(4.16) K = 36.34
6.22 Ri = 2.22
(4.98) K = 90.31
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y2 通 X＋方向

Y2 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
0.00
(0.00)
0.04
(0.04)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
0.00
(0.00)
-0.03
(-0.02)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
圧縮 Pi = 2.50
倍率 R = 1.25
Pi = 1.67
(-7.26) R = 67.03
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
引抜 Pi = 1.50
倍率 R = 0.75
Pi = 1.00
(4.36) R = 40.50
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
Y3 通 X＋方向
3541
3704
Pi = 40.60
K = 1719.85
Pi = 69.73
K = 2823.83
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y3 通 X－方向
3541
3704
Pi = 43.26
K = 1832.53
Pi = 69.73
K = 2823.83
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y3 通 X＋方向

又Y3 通 X－方向

又Y3 通 X＋方向

又Y3 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y3 通 X＋方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y3 通 X－方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
圧筋 = 2.50
倍率 = 3.00
倍率 = 1.20
倍率 = 2.17
15.75
(7.88)
Pi = 5.35
K = 216.66
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
引筋 = 1.50
倍率 = 1.50
倍率 = 1.00
倍率 = 1.50
9.44
(4.72)
Pi = 3.21
K = 129.99
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22
Ri = 3.02
R = 122.30

又 通 X－方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22
Ri = 3.02
R = 122.30

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
Y4 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y4 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通 X＋方向

又Y4 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又Y4 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y4 通 X＋方向
3541
3541
3704
3704
24.69
(12.35)
Pi = 8.02
K = 324.78
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通 X－方向
3541
3541
3704
3704
-24.69
(-12.35)
Pi = 8.02
K = 324.78
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y4 通 X＋方向
3541
3541
3704
3704
両筋 = 400
耐力壁 = 350
倍率 = 2.00
倍率 = 1.00
C = 1.00
= 321
(-40.35
(-20.18)
Pi = 7.94
K = 321.54
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通 X－方向
3541
3541
3704
3704
両筋 = 400
耐力壁 = 350
倍率 = 2.00
倍率 = 1.00
C = 1.00
= 321
(-40.35
(-20.18)
Pi = 7.94
K = 321.54
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y4 通 X＋方向
3541
3541
3704
3704
0.00
(0.00)
耐力壁 = 2.50
倍率 = 1.25
倍率 = 1.25
倍率 = 1.25
9.07
(7.26)
Pi = 1.12
K = 45.36
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通 X－方向
3541
3541
3704
3704
0.00
(0.00)
耐力壁 = 2.50
倍率 = 1.25
倍率 = 1.25
倍率 = 1.25
9.07
(7.26)
Pi = 1.12
K = 45.36
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又Y4 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
0.00 0.00
(0.00 0.00)
0.00 0.00
(0.00 0.00)
0.00 0.00 5.18
(0.00 0.00 2.59)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
0.00 0.00
(0.00 0.00)
0.00 0.00
(0.00 0.00)
0.00 0.00 -5.18
(0.00 0.00 -2.59)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3704
0.00
(0.00)
Ri = 2.24
R = 90.72
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
0.00
(0.00)
Ri = 2.24
R = 90.72
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
a
b
又 通 X＋方向
3541
3541
3704
3704
両筋 = 4.00
倍率 = 3.46
24.69
(12.35)
Pi = 13.37
K = 341.44
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
両筋 = 4.00
倍率 = 3.46
24.69
(12.35)
Pi = 13.37
K = 341.44
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
両筋 = 4.00
倍率 = 3.46
38.69
(-19.35)
Pi = 8.02
R = 324.78
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
両筋 = 4.00
倍率 = 3.46
38.69
(-19.35)
Pi = 8.02
R = 324.78
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
15.06
(7.53)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
15.06
(7.53)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
():めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
():めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3704
(0.74)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
(0.74)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
10.40
(5.20)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
10.40
(5.20)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
Pi = 6.33
K = 268.14
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3704
15.06
(7.33)
0.00
(0.00)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
15.06
(7.33)
0.00
(0.00)
Pi = 6.33
K = 268.14
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y5 通 X＋方向

Y5 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又Y5 通 X＋方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X－方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又Y5 通 X＋方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X－方向
3541
3541
3704
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X＋方向

又Y5 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
() : めり込みの検討用
又Y5 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y5 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y5 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y5 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
耐力壁 = 2.50
倍率 = 1.00
倍率 = 1.25
8.68
(14.94)
21.50
(10.75)
Pi = 1.29
K = 34.65
Pi = 2.27
K = 91.93
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
耐力壁 = 2.50
倍率 = 1.00
倍率 = 1.25
8.68
(14.94)
21.50
(10.75)
Pi = 1.29
K = 34.65
Pi = 2.27
K = 91.93
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
8.68
(-1.94)
16.15
(-8.08)
Pi ≡ 1.90
K ≡ 80.49
Pi ≡ 9.27
K ≡ 375.40
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
8.68
(-1.94)
16.15
(-8.08)
Pi ≡ 1.90
K ≡ 80.49
Pi ≡ 9.27
K ≡ 375.40
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
Ri = 1.90
K = 80.49
Ri = 9.27
K = 375.40
1.32
(0.66)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
Ri = 1.90
K = 80.49
Ri = 9.27
K = 375.40
0.10
(0.10)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
両筋 = 400
倍率 = 298
倍率 = 298
Pi = 4.61
(10.82)
X = 180.69
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
両筋 = 400
倍率 = 298
倍率 = 298
Pi = 4.61
(-10.82)
X = 180.69
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
Y6 通 X＋方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y6 通 X－方向
3541
3704
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又Y6 通 X＋方向
3541
3541
3704
3704
両筋 = 400
倍率 = 1.96
倍率 = 2.96
Di = 4.61
(-21.62)
(-10.82)
X = 186.69
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y6 通 X－方向
3541
3541
3704
3704
両筋 = 400
倍率 = 1.96
倍率 = 2.96
Di = 4.61
(-21.62)
(-10.82)
X = 186.69
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y6 通 X＋方向

又Y6 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
0.00
(0.00)
耐力壁 = 2.50
倍率 = 1.49
倍率 = 1.25
9.07
(4.94)
Pi = 1.84
K = 74.51
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
0.00
(0.00)
耐力壁 = 2.50
倍率 = 1.49
倍率 = 1.25
9.07
(4.94)
Pi = 1.84
K = 74.51
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
(15.13)
(7.56)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
(15.13)
(7.56)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用
又 通 X＋方向
3541
3541
3704
3704
15.06
(12.05)
Pi = 6.70
Ki = 283.82
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向
3541
3541
3704
3704
15.06
(12.05)
Pi = 6.70
Ki = 283.82
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y7 通 X＋方向

Y7 通 X－方向

又Y7 通 X＋方向

又Y7 通 X－方向

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

通 X＋方向

3541
3541
3704
3704
0.00
(0.00)
19.76
(9.88)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

通 X－方向

3541
3541
3704
3704
0.00
(0.00)
19.76
(9.88)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
0.00
(0.00)
0.00
(0.00)
-1.15
(-1.98)
0.00
(0.00)
0.00
(0.00)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
0.00
(0.00)
0.00
(0.00)
0.60
(1.19)
0.00
(0.00)
0.00
(0.00)
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
Pi = 6.37
(-1.52) K = 269.84
Pi = 4.61
(16.09) K = 136.69
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
Pi = 5.15
(5.56) K = 218.16
Pi = 4.61
(-14.76) K = 136.69
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
耐力壁(筋かい)
耐力壁(面材)
準耐力壁
圧縮力(正)
引抜力(負)
(許容耐力による)
a
b
() : めり込みの検討用

又 通 X＋方向

3541
3541
3704
3704
0.00
(0.00)
15.75
(12.60)
Di = 3.35
K = 133.66
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通 X－方向

3541
3541
3704
3704
0.00
(0.00)
15.75
(12.60)
Di = 3.35
K = 133.66
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y8 通 X＋方向

Y8 通 X－方向

Y9 通 X＋方向

Y9 通 X－方向

(2) 柱の長期軸力

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯＹＯ | 1 | 軒先1 | 0.03 × 0.46 | 0.01 | | |
| | | 軒先1 | 0.03 × 0.46 | 0.01 | | |
| | | 外壁 | 1.56 × 0.70 | 1.09 | | |
| | | 床(2階床 | 0.24 × 1.40 | 0.33 | | |
| | | 床積載 | 0.24 × 1.80 | 0.43 | | |
| | | 柱又Ｘ１Ｙ１ | × 0.22 | 0.40 | | |
| | | 柱又Ｙ１ | × 0.18 | 1.31 | | |
| | | 柱又Ｘ３Ｙ１ | × 0.05 | 0.48 | | |
| | | 屋根1 | 0.66 × 0.53 | 0.35 | | |
| | | 軒先1 | 0.30 × 0.46 | 0.14 | | |
| | | 外壁 | 1.12 × 0.70 | 0.78 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 5.64(5.40) | 5.64(5.40) |
| 又Ｘ１ＹＯ | 1 | 屋根1 | 0.66 × 0.53 | 0.35 | | |
| | | 軒先1 | 0.30 × 0.46 | 0.14 | | |
| | | 外壁 | 1.12 × 0.70 | 0.78 | | |
| | | 屋根1 | 1.25 × 0.53 | 0.66 | | |
| | | 軒先1 | 0.57 × 0.46 | 0.26 | | |
| | | 外壁 | 2.11 × 0.70 | 1.47 | 3.67(3.67) | 3.67(3.67) |
| 又Ｘ２ＹＯ | 1 | 屋根1 | 1.25 × 0.53 | 0.66 | | |
| | | 軒先1 | 0.57 × 0.46 | 0.26 | | |
| | | 外壁 | 2.11 × 0.70 | 1.47 | | |
| | | 屋根1 | 1.24 × 0.53 | 0.66 | | |
| | | 軒先1 | 0.56 × 0.46 | 0.26 | | |
| | | 外壁 | 2.09 × 0.70 | 1.46 | 4.78(4.78) | 4.78(4.78) |
| 又ＹＯ | 1 | 屋根1 | 1.24 × 0.53 | 0.66 | | |
| | | 軒先1 | 0.56 × 0.46 | 0.26 | | |
| | | 外壁 | 2.09 × 0.70 | 1.46 | | |
| | | 屋根1 | 0.10 × 0.53 | 0.05 | | |
| | | 軒先1 | 0.04 × 0.46 | 0.02 | | |
| | | 外壁 | 0.16 × 0.70 | 0.11 | 2.57(2.57) | 2.57(2.57) |
| Ｘ４ＹＯ | 1 | 外壁 | 2.01 × 0.70 | 1.41 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(2階床 | 0.43 × 1.40 | 0.60 | | |
| | | 床積載 | 0.43 × 1.80 | 0.78 | | |
| | | 柱又Ｘ１Ｙ１ | × 0.06 | 0.11 | | |
| | | 柱又Ｙ１ | × 0.13 | 0.97 | | |
| | | 柱又Ｘ３Ｙ１ | × 0.31 | 2.77 | | |
| | | 屋根1 | 0.41 × 0.53 | 0.22 | | |
| | | 軒先1 | 0.19 × 0.46 | 0.09 | | |
| | | 外壁 | 0.95 × 0.70 | 0.66 | | |
| | | 内壁 | 0.08 × 0.54 | 0.05 | | |
| | | 床(2階床 | 0.06 × 1.40 | 0.09 | | |
| | | 床積載 | 0.06 × 1.80 | 0.11 | | |
| | | 屋根1 | 0.10 × 0.53 | 0.05 | | |
| | | 軒先1 | 0.04 × 0.46 | 0.02 | | |
| | | 外壁 | 0.16 × 0.70 | 0.11 | 8.89(8.39) | 8.89(8.39) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＹＯ | 1 | 屋根1 | 0.41 × 0.53 | 0.22 | | |
| | | 軒先1 | 0.19 × 0.46 | 0.09 | | |
| | | 外壁 | 0.75 × 0.70 | 0.53 | | |
| | | 内壁 | 0.02 × 0.54 | 0.01 | | |
| | | 床(2階床 | 1.40 | 0.02 | | |
| | | 床積載 | 1.80 | 0.02 | | |
| | | 屋根1 | 0.50 × 0.53 | 0.27 | | |
| | | 軒先1 | 0.23 × 0.46 | 0.10 | | |
| | | 外壁 | 1.28 × 0.70 | 0.90 | | |
| | | 内壁 | 1.82 × 0.54 | 0.98 | | |
| | | 床(2階床 | 1.03 × 1.45 | 1.49 | | |
| | | 床積載 | 1.03 × 1.80 | 1.85 | | |
| | | 柱Ｘ５又 | × 0.10 | 0.25 | | |
| | | 柱Ｘ５又 | × 0.13 | 0.25 | | |
| | | 柱Ｘ５Ｙ１ | × 0.28 | 1.27 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 8.96(7.92) | 8.96(7.92) |
| 又Ｘ５ＹＯ | 1 | 屋根1 | 0.50 × 0.53 | 0.27 | | |
| | | 軒先1 | 0.23 × 0.46 | 0.10 | | |
| | | 外壁 | 0.83 × 0.70 | 0.58 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(2階床 | 0.49 × 1.45 | 0.72 | | |
| | | 床積載 | 0.49 × 1.80 | 0.89 | | |
| | | 柱Ｘ５又 | × 0.05 | 0.12 | | |
| | | 柱Ｘ５又 | × 0.06 | 0.12 | | |
| | | 柱Ｘ５Ｙ１ | × 0.13 | 0.61 | | |
| | | 屋根1 | 1.00 × 0.53 | 0.53 | | |
| | | 軒先1 | 0.46 × 0.46 | 0.21 | | |
| | | 外壁 | 3.18 × 0.70 | 2.23 | | |
| | | 内壁 | 1.30 × 0.54 | 0.70 | | |
| | | 床(2階床 | 1.93 × 1.45 | 2.80 | | |
| | | 床積載 | 1.93 × 1.80 | 3.47 | | |
| | | 柱Ｘ５又 | × 0.13 | 0.30 | | |
| | | 柱Ｘ５又 | × 0.16 | 0.31 | | |
| | | 柱Ｘ５Ｙ１ | × 0.34 | 1.57 | | |
| | | 柱Ｙ１ | × 0.34 | 0.61 | | |
| | | 柱Ｙ１ | × 0.14 | 0.24 | | |
| | | 柱又Ｙ１ | × 0.10 | 0.72 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 18.24(15.82) | 18.24(15.82) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又Ｙ０ | 1 | 屋根1 | 1.00 × 0.53 | 0.53 | | |
| | | 軒先1 | 0.46 × 0.46 | 0.21 | | |
| | | 外壁 | 2.73 × 0.70 | 1.91 | | |
| | | 内壁 | 0.25 × 0.54 | 0.14 | | |
| | | 床(2階床 | 1.44 × 1.46 | 2.09 | | |
| | | 床積載 | 1.44 × 1.80 | 2.59 | | |
| | | 柱Ｘ５又 | × 0.02 | 0.06 | | |
| | | 柱Ｘ５又 | × 0.03 | 0.06 | | |
| | | 柱Ｘ５Ｙ１ | × 0.07 | 0.30 | | |
| | | 柱Ｙ１ | × 0.07 | 0.12 | | |
| | | 柱Ｙ１ | × 0.27 | 0.48 | | |
| | | 柱又Ｙ１ | × 0.19 | 1.41 | | |
| | | 屋根1 | 1.00 × 0.53 | 0.53 | | |
| | | 軒先1 | 0.46 × 0.46 | 0.21 | | |
| | | 外壁 | 3.18 × 0.70 | 2.23 | | |
| | | 床(2階床 | 2.10 × 1.46 | 3.06 | | |
| | | 床積載 | 2.10 × 1.80 | 3.77 | | |
| | | 柱又Ｙ１ | × 0.44 | 3.28 | 22.97(19.43) | 22.97(19.43) |
| 又Ｙ０ | 1 | 屋根1 | 0.75 × 0.53 | 0.40 | | |
| | | 軒先1 | 0.34 × 0.46 | 0.16 | | |
| | | 外壁 | 2.41 × 0.70 | 1.69 | | |
| | | 床(2階床 | 1.61 × 1.46 | 2.34 | | |
| | | 床積載 | 1.61 × 1.80 | 2.89 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.22 | 1.80 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.06 | 0.50 | | |
| | | 屋根1 | 1.00 × 0.53 | 0.53 | | |
| | | 軒先1 | 0.46 × 0.46 | 0.21 | | |
| | | 外壁 | 2.73 × 0.70 | 1.91 | | |
| | | 床(2階床 | 1.47 × 1.46 | 2.14 | | |
| | | 床積載 | 1.47 × 1.80 | 2.65 | | |
| | | 柱又Ｙ１ | × 0.09 | 0.63 | 17.85(14.77) | 17.85(14.77) |
| 又Ｙ０ | 1 | 屋根1 | 0.75 × 0.53 | 0.40 | | |
| | | 軒先1 | 0.34 × 0.46 | 0.16 | | |
| | | 外壁 | 2.66 × 0.70 | 1.86 | | |
| | | 床(2階床 | 1.96 × 1.46 | 2.86 | | |
| | | 床積載 | 1.96 × 1.80 | 3.53 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.06 | 0.50 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.47 | 3.74 | | |
| | | 屋根1 | 0.66 × 0.53 | 0.35 | | |
| | | 軒先1 | 0.30 × 0.46 | 0.14 | | |
| | | 外壁 | 1.60 × 0.70 | 1.12 | | |
| | | 床(2階床 | 0.67 × 1.46 | 0.98 | | |
| | | 床積載 | 0.67 × 1.80 | 1.21 | 16.84(14.21) | 16.84(14.21) |
| 又Ｘ７Ｙ０ | 1 | 屋根1 | 0.66 × 0.53 | 0.35 | | |
| | | 軒先1 | 0.30 × 0.46 | 0.14 | | |
| | | 外壁 | 1.91 × 0.70 | 1.33 | | |
| | | 床(2階床 | 1.11 × 1.46 | 1.62 | | |
| | | 床積載 | 1.11 × 1.80 | 2.00 | | |
| | | 屋根1 | 0.50 × 0.53 | 0.27 | | |
| | | 軒先1 | 0.23 × 0.46 | 0.10 | | |
| | | 外壁 | 1.22 × 0.70 | 0.85 | | |
| | | 床(2階床 | 1.11 × 1.44 | 1.60 | | |
| | | 床積載 | 1.11 × 1.80 | 2.01 | | |
| | | 柱又Ｙ１ | × 0.41 | 2.28 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 12.84(10.62) | 12.84(10.62) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又ＹＯ | 1 | 屋根1 | 0.50 × 0.53 | 0.27 | | |
| | | 軒先1 | 0.23 × 0.46 | 0.10 | | |
| | | 外壁 | 1.22 × 0.70 | 0.85 | | |
| | | 床(2階床 | 1.11 × 1.44 | 1.60 | | |
| | | 床積載 | 1.11 × 1.80 | 2.01 | | |
| | | 柱又Ｙ１ | × 0.41 | 2.28 | | |
| | | 屋根1 | 0.50 × 0.53 | 0.27 | | |
| | | 軒先1 | 0.23 × 0.46 | 0.10 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 8.36(7.25) | 8.36(7.25) |
| Ｘ９ＹＯ | 1 | 軒先1 | 0.03 × 0.46 | 0.01 | | |
| | | 屋根1 | 0.50 × 0.53 | 0.27 | | |
| | | 軒先1 | 0.23 × 0.46 | 0.10 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 軒先1 | 0.03 × 0.46 | 0.02 | | |
| | | 外壁 | 1.03 × 0.70 | 0.72 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 1.71(1.71) | 1.71(1.71) |
| ＸＯ又ＹＯ | 1 | 軒先1 | 0.03 × 0.46 | 0.01 | | |
| | | 外壁 | 1.56 × 0.70 | 1.09 | | |
| | | 床(2階床 | 0.24 × 1.40 | 0.33 | | |
| | | 床積載 | 0.24 × 1.80 | 0.43 | | |
| | | 柱又Ｘ１Ｙ１ | × 0.22 | 0.40 | | |
| | | 柱又Ｙ１ | × 0.18 | 1.31 | | |
| | | 柱又Ｘ３Ｙ１ | × 0.05 | 0.48 | | |
| | | 軒先1 | 0.46 | 0.00 | | |
| | | 外壁 | 1.55 × 0.70 | 1.09 | | |
| | | 床(2階床 | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 1.80 | 0.23 | | |
| | | 柱ＸＯＹ１ | × 0.79 | 1.10 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 7.25(6.89) | 7.25(6.89) |
| 又ＹＯ | 1 | 内壁 | 0.17 × 0.54 | 0.09 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | 0.52(0.52) | 0.52(0.52) |
| ＸＯＹ１ | 2 | 軒先2 | 0.09 × 0.47 | 0.04 | | |
| | | 軒先2 | 0.11 × 0.47 | 0.05 | | |
| | | 外壁 | 0.67 × 0.70 | 0.47 | | |
| | | 屋根2 | 0.37 × 0.54 | 0.20 | | |
| | | 軒先2 | 0.14 × 0.47 | 0.06 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | 1.39(1.39) | 1.39(1.39) |
| 又Ｘ１Ｙ１ | 2 | 屋根2 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先2 | 0.16 × 0.47 | 0.07 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 屋根2 | 0.37 × 0.54 | 0.20 | | |
| | | 軒先2 | 0.14 × 0.47 | 0.06 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | 1.78(1.78) | 1.78(1.78) |
| 又Ｙ１ | 2 | 屋根2 | 5.58 × 0.54 | 3.01 | | |
| | | 屋根2 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先2 | 0.16 × 0.47 | 0.07 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 屋根2 | 2.91 × 0.54 | 1.57 | | |
| | | 軒先2 | 0.41 × 0.47 | 0.19 | | |
| | | 外壁 | 2.42 × 0.70 | 1.69 | 7.42(7.42) | 7.42(7.42) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又Ｘ３Ｙ１ | 2 | 屋根2 | 4.70 × 0.54 | 2.54 | | |
| | | 軒先2 | 0.41 × 0.47 | 0.19 | | |
| | | 外壁 | 2.42 × 0.70 | 1.69 | | |
| | | 屋根2 | 4.70 × 0.54 | 2.54 | | |
| | | 軒先2 | 0.41 × 0.47 | 0.19 | | |
| | | 外壁 | 2.42 × 0.70 | 1.69 | 8.84(8.84) | 8.84(8.84) |
| Ｘ５Ｙ１ | 2 | 屋根2 | 2.91 × 0.54 | 1.57 | | |
| | | 軒先2 | 0.41 × 0.47 | 0.19 | | |
| | | 外壁 | 2.42 × 0.70 | 1.69 | | |
| | | 内壁 | 0.60 × 0.54 | 0.32 | | |
| | | 屋根2 | 0.37 × 0.54 | 0.20 | | |
| | | 軒先2 | 0.14 × 0.47 | 0.06 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | 4.61(4.61) | 4.61(4.61) |
| Ｙ１ | 2 | 屋根2 | 0.37 × 0.54 | 0.20 | | |
| | | 軒先2 | 0.14 × 0.47 | 0.06 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 屋根2 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先2 | 0.16 × 0.47 | 0.07 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | 1.78(1.78) | 1.78(1.78) |
| 又Ｙ１ | 2 | 屋根2 | 5.58 × 0.54 | 3.01 | | |
| | | 屋根2 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先2 | 0.16 × 0.47 | 0.07 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 屋根2 | 2.91 × 0.54 | 1.57 | | |
| | | 軒先2 | 0.41 × 0.47 | 0.19 | | |
| | | 外壁 | 2.42 × 0.70 | 1.69 | 7.42(7.42) | 7.42(7.42) |
| 又Ｘ６Ｙ１ | 2 | 屋根2 | 3.97 × 0.54 | 2.14 | | |
| | | 軒先2 | 0.32 × 0.47 | 0.15 | | |
| | | 外壁 | 1.89 × 0.70 | 1.33 | | |
| | | 屋根2 | 4.70 × 0.54 | 2.54 | | |
| | | 軒先2 | 0.41 × 0.47 | 0.19 | | |
| | | 外壁 | 2.42 × 0.70 | 1.69 | 8.04(8.04) | 8.04(8.04) |
| 又Ｙ１ | 2 | 屋根2 | 3.16 × 0.54 | 1.71 | | |
| | | 軒先2 | 0.32 × 0.47 | 0.15 | | |
| | | 外壁 | 1.89 × 0.70 | 1.33 | | |
| | | 屋根2 | 2.73 × 0.54 | 1.48 | | |
| | | 軒先2 | 0.20 × 0.47 | 0.10 | | |
| | | 外壁 | 1.21 × 0.70 | 0.85 | 5.60(5.60) | 5.60(5.60) |
| Ｘ９Ｙ１ | 2 | 軒先2 | 0.09 × 0.47 | 0.04 | | |
| | | 屋根2 | 2.21 × 0.54 | 1.20 | | |
| | | 軒先2 | 0.20 × 0.47 | 0.10 | | |
| | | 外壁 | 1.21 × 0.70 | 0.85 | | |
| | | 軒先2 | 0.11 × 0.47 | 0.05 | | |
| | | 外壁 | 0.67 × 0.70 | 0.47 | 2.70(2.70) | 2.70(2.70) |
| | 1 | 外壁 | 1.17 × 0.70 | 0.82 | | |
| | | 床(2階床 | 0.23 × 1.40 | 0.32 | | |
| | | 床積載 | 0.23 × 1.80 | 0.41 | | |
| | | 軒先1 | 0.03 × 0.46 | 0.02 | | |
| | | 外壁 | 1.03 × 0.70 | 0.72 | | |
| | | 外壁 | 1.30 × 0.70 | 0.91 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | 3.53(3.20) | 6.23(5.90) |
| 又X11又Ｙ１ | 2 | サイディング(N/㎡) | 0.30 × 0.70 | 0.21 | 0.21(0.21) | 0.21(0.21) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯ又Ｙ１ | 2 | 軒先2 | 0.11 × 0.47 | 0.05 | | |
| | | 外壁 | 0.67 × 0.70 | 0.47 | | |
| | | 屋根2 | 0.56 × 0.54 | 0.30 | | |
| | | 軒先2 | 0.27 × 0.47 | 0.13 | | |
| | | 外壁 | 1.40 × 0.70 | 0.98 | 1.93(1.93) | 1.93(1.93) |
| | 1 | 軒先1 | 0.00 | 0.00 | | |
| | | 外壁 | 1.36 × 0.70 | 0.95 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | | |
| | | 柱ＸＯＹ１ | × 0.21 | 0.29 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 床(2階床 | 1.37 × 1.46 | 2.00 | | |
| | | 床積載 | 1.37 × 1.80 | 2.47 | | |
| | | 外壁 | 2.03 × 0.70 | 1.42 | | |
| | | 床(2階床 | 2.07 × 1.45 | 3.00 | | |
| | | 床積載 | 2.07 × 1.80 | 3.73 | | |
| | | 柱又Ｘ１Ｙ１ | × 0.40 | 0.71 | | |
| | | 柱又Ｙ１ | × 0.32 | 2.35 | | |
| | | 柱又Ｘ３Ｙ１ | × 0.10 | 0.87 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 20.13(16.59) | 22.06(18.51) |
| Ｘ４又Ｙ１ | 1 | 外壁 | 1.90 × 0.70 | 1.33 | | |
| | | 床(2階床 | 2.05 × 1.45 | 2.97 | | |
| | | 床積載 | 2.05 × 1.80 | 3.68 | | |
| | | 柱又Ｘ１Ｙ１ | × 0.07 | 0.13 | | |
| | | 柱又Ｙ１ | × 0.16 | 1.16 | | |
| | | 柱又Ｘ３Ｙ１ | × 0.37 | 3.31 | | |
| | | 外壁 | 1.17 × 0.70 | 0.82 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(2階床 | 0.35 × 1.40 | 0.49 | | |
| | | 床積載 | 0.35 × 1.80 | 0.62 | | |
| | | 柱又Ｘ１Ｙ１ | × 0.02 | 0.04 | | |
| | | 柱又Ｙ１ | × 0.04 | 0.32 | | |
| | | 柱又Ｘ３Ｙ１ | × 0.10 | 0.92 | | |
| | | 内壁 | 1.20 × 0.54 | 0.65 | | |
| | | 床(2階床 | 1.66 × 1.45 | 2.41 | | |
| | | 床積載 | 1.66 × 1.80 | 2.99 | | |
| | | 外壁 | 0.39 × 0.70 | 0.27 | | |
| | | 内壁 | 0.79 × 0.54 | 0.42 | | |
| | | 床(2階床 | 0.32 × 1.40 | 0.45 | | |
| | | 床積載 | 0.32 × 1.80 | 0.58 | 24.40(20.03) | 24.40(20.03) |
| 又Ｙ１ | 1 | 内壁 | 0.63 × 0.54 | 0.34 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 1.80 | 0.19 | | |
| | | 内壁 | 0.26 × 0.54 | 0.14 | | |
| | | 床(2階床 | 0.03 × 1.40 | 0.05 | | |
| | | 床積載 | 0.03 × 1.80 | 0.06 | | |
| | | 外壁 | 0.08 × 0.70 | 0.06 | | |
| | | 内壁 | 0.69 × 0.54 | 0.37 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | 2.01(1.67) | 2.01(1.67) |
| Ｘ５又Ｙ１ | 2 | 内壁 | 0.60 × 0.54 | 0.32 | | |
| | | 屋根2 | 1.63 × 0.54 | 0.88 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 2.02(2.02) | 2.02(2.02) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ５又Ｙ１ | 1 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(2階床 | 0.36 × 1.40 | 0.51 | | |
| | | 床積載 | 0.36 × 1.80 | 0.65 | | |
| | | 内壁 | 1.23 × 0.54 | 0.67 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.16 | | |
| | | 床積載 | 0.11 × 1.80 | 0.20 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階床 | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 1.80 | 0.09 | | |
| | | 床(2階床 | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 1.80 | 0.09 | 3.55(2.97) | 5.57(5.00) |
| Ｘ９又Ｙ１ | 2 | 軒先2 | 0.11 × 0.47 | 0.05 | | |
| | | 外壁 | 0.67 × 0.70 | 0.47 | | |
| | | 軒先2 | 0.14 × 0.47 | 0.06 | | |
| | | 外壁 | 0.94 × 0.70 | 0.66 | 1.24(1.24) | 1.24(1.24) |
| | 1 | 外壁 | 1.30 × 0.70 | 0.91 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(2階床 | 0.64 × 1.40 | 0.90 | | |
| | | 床積載 | 0.64 × 1.80 | 1.15 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 4.44(3.70) | 5.68(4.94) |
| 又X11又 | 2 | サイディング(N/㎡) | 0.30 × 0.70 | 0.21 | | |
| | | 外壁 | 0.90 × 0.70 | 0.63 | | |
| | | サイディング(N/㎡) | 0.55 × 0.70 | 0.38 | 1.22(1.22) | 1.22(1.22) |
| | 1 | サイディング(N/㎡) | 0.47 × 0.70 | 0.33 | | |
| | | 柱又X11又Ｙ１ | × 1.00 | 0.21 | | |
| | | 外壁 | 4.53 × 0.70 | 3.17 | | |
| | | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 1.35 × 1.40 | 1.90 | | |
| | | 床積載 | 1.35 × 1.80 | 2.44 | | |
| | | サイディング(N/㎡) | 0.60 × 0.70 | 0.42 | | |
| | | 柱又X12又 | × 0.40 | 1.20 | | |
| | | 柱又X10又 | × 0.17 | 1.37 | | |
| | | 柱又X11又 | × 0.29 | 0.96 | | |
| | | 外壁 | 2.33 × 0.70 | 1.63 | | |
| | | 床(2階床 | 0.03 × 1.40 | 0.04 | | |
| | | 床積載 | 0.03 × 1.80 | 0.06 | 14.35(12.96) | 15.57(14.18) |
| Ｘ９又 | 2 | 屋根2 | 0.67 × 0.54 | 0.36 | | |
| | | 軒先2 | 0.27 × 0.47 | 0.13 | | |
| | | 外壁 | 1.08 × 0.70 | 0.75 | | |
| | | 軒先2 | 0.14 × 0.47 | 0.06 | | |
| | | 外壁 | 0.94 × 0.70 | 0.66 | | |
| | | 外壁 | 0.53 × 0.70 | 0.37 | 2.33(2.33) | 2.33(2.33) |
| | 1 | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(2階床 | 0.42 × 1.40 | 0.59 | | |
| | | 床積載 | 0.42 × 1.80 | 0.76 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(2階床 | 0.14 × 1.40 | 0.19 | | |
| | | 床積載 | 0.14 × 1.80 | 0.25 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 4.11(3.55) | 6.44(5.88) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X11又 | 1 | 外壁 | 5.60 × 0.70 | 3.92 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.23 | | |
| | | 床積載 | 0.16 × 1.80 | 0.29 | | |
| | | 外壁 | 2.33 × 0.70 | 1.63 | | |
| | | 床(2階床 | 0.03 × 1.40 | 0.04 | | |
| | | 床積載 | 0.03 × 1.80 | 0.06 | 6.17(5.98) | 6.17(5.98) |
| Ｘ０又 | 2 | 屋根2 | 1.12 × 0.54 | 0.61 | | |
| | | 軒先2 | 0.27 × 0.47 | 0.13 | | |
| | | 外壁 | 2.13 × 0.70 | 1.49 | | |
| | | 外壁 | 0.55 × 0.70 | 0.38 | 2.61(2.61) | 2.61(2.61) |
| | 1 | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 床(2階床 | 0.78 × 1.45 | 1.13 | | |
| | | 床積載 | 0.78 × 1.80 | 1.40 | | |
| | | 床(2階床 | 2.48 × 1.46 | 3.64 | | |
| | | 床積載 | 2.48 × 1.80 | 4.47 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | 13.85(10.49) | 16.46(13.09) |
| Ｘ４又 | 1 | 床(2階床 | 2.48 × 1.46 | 3.64 | | |
| | | 床積載 | 2.48 × 1.80 | 4.47 | | |
| | | 内壁 | 1.20 × 0.54 | 0.65 | | |
| | | 床(2階床 | 1.06 × 1.44 | 1.53 | | |
| | | 床積載 | 1.06 × 1.80 | 1.92 | | |
| | | 内壁 | 1.23 × 0.54 | 0.66 | | |
| | | 床(2階床 | 1.40 × 1.44 | 2.01 | | |
| | | 床積載 | 1.40 × 1.80 | 2.51 | 17.39(12.44) | 17.39(12.44) |
| 又X12又 | 2 | 外壁 | 0.67 × 0.70 | 0.47 | | |
| | | 屋根5 | 0.37 × 0.54 | 0.20 | | |
| | | 軒先5 | 0.80 × 0.47 | 0.38 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 外壁 | 0.90 × 0.70 | 0.63 | | |
| | | サイディング(N/㎡) | 0.55 × 0.70 | 0.38 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 3.03(3.03) | 3.03(3.03) |
| Ｘ５又 | 2 | 屋根2 | 1.63 × 0.54 | 0.88 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 1.90(1.90) | 1.90(1.90) |
| Ｘ９又 | 2 | 外壁 | 0.53 × 0.70 | 0.37 | | |
| | | 屋根2 | 0.41 × 0.54 | 0.22 | | |
| | | 軒先2 | 0.32 × 0.47 | 0.15 | | |
| | | 屋根4 | 0.45 × 0.53 | 0.24 | | |
| | | 屋根5 | 1.31 × 0.54 | 0.71 | | |
| | | 軒先5 | 0.39 × 0.47 | 0.18 | | |
| | | 外壁 | 3.04 × 0.70 | 2.13 | | |
| | | 内壁 | 2.13 × 0.54 | 1.15 | | |
| | | 外壁 | 0.14 × 0.85 | 0.12 | 5.26(5.26) | 5.26(5.26) |
| | 1 | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(2階床 | 0.14 × 1.40 | 0.19 | | |
| | | 床積載 | 0.14 × 1.80 | 0.25 | | |
| | | 外壁 | 0.39 × 0.70 | 0.27 | | |
| | | 床(2階床 | 1.40 | 0.02 | | |
| | | 床積載 | 1.80 | 0.02 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 2.38(2.08) | 7.64(7.34) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X11又 | 2 | 屋根5 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先5 | 0.92 × 0.47 | 0.43 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 内壁 | 0.87 × 0.54 | 0.47 | | |
| | | 屋根5 | 0.37 × 0.54 | 0.20 | | |
| | | 軒先5 | 0.80 × 0.47 | 0.38 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 3.33(3.33) | 3.33(3.33) |
| X９又 | 1 | 外壁 | 0.39 × 0.70 | 0.27 | | |
| | | 床(2階床 | 1.40 | 0.02 | | |
| | | 床積載 | 1.80 | 0.02 | | |
| | | 外壁 | 2.92 × 0.70 | 2.04 | | |
| | | 内壁 | 4.81 × 0.54 | 2.60 | | |
| | | 床(2階床 | 1.80 × 1.40 | 2.52 | | |
| | | 床積載 | 1.80 × 1.80 | 3.24 | | |
| | | 柱又X10又 | × 0.23 | 1.89 | | |
| | | 柱又X11又 | × 0.11 | 0.35 | | |
| | | 外壁 | 5.60 × 0.70 | 3.92 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.23 | | |
| | | 床積載 | 0.16 × 1.80 | 0.29 | 17.39(15.42) | 17.39(15.42) |
| 又X12又 | 2 | 外壁 | 0.67 × 0.70 | 0.47 | | |
| | | 屋根5 | 0.44 × 0.54 | 0.24 | | |
| | | 軒先5 | 0.29 × 0.47 | 0.14 | | |
| | | 外壁 | 1.98 × 0.70 | 1.39 | 2.23(2.23) | 2.23(2.23) |
| | 1 | 外壁 | 1.26 × 0.70 | 0.88 | | |
| | | 内壁 | 1.19 × 0.54 | 0.64 | | |
| | | 床(2階床 | 1.43 × 1.43 | 2.05 | | |
| | | 床積載 | 1.43 × 1.80 | 2.58 | | |
| | | 柱又X10又 | × 0.25 | 2.07 | | |
| | | 柱又X11又 | × 0.37 | 1.23 | | |
| | | 外壁 | 4.09 × 0.70 | 2.86 | | |
| | | 内壁 | 0.75 × 0.54 | 0.40 | | |
| | | 床(2階床 | 0.62 × 1.40 | 0.87 | | |
| | | 床積載 | 0.62 × 1.80 | 1.12 | | |
| | | サイディング(N/㎡) | 0.26 × 0.70 | 0.18 | | |
| | | 柱又X12又 | × 0.60 | 1.83 | | |
| | | 柱又X10又 | × 0.06 | 0.46 | | |
| | | 柱又X11又 | × 0.10 | 0.32 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 1.83 × 1.43 | 2.63 | | |
| | | 床積載 | 1.83 × 1.80 | 3.30 | 25.74(21.85) | 27.98(24.08) |
| X０又 | 2 | 外壁 | 0.55 × 0.70 | 0.38 | | |
| | | 屋根2 | 1.28 × 0.54 | 0.69 | | |
| | | 軒先2 | 0.39 × 0.47 | 0.18 | | |
| | | 外壁 | 2.91 × 0.70 | 2.04 | 3.30(3.30) | 3.30(3.30) |
| | 1 | 床(2階床 | 2.48 × 1.46 | 3.64 | | |
| | | 床積載 | 2.48 × 1.80 | 4.47 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 1.45 × 1.46 | 2.11 | | |
| | | 床積載 | 1.45 × 1.80 | 2.61 | 16.62(12.58) | 19.91(15.88) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ５又 | 2 | 屋根2 | 2.47 × 0.54 | 1.33 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 2.36(2.36) | 2.36(2.36) |
| 又X10又 | 2 | 屋根5 | 0.72 × 0.54 | 0.39 | | |
| | | 軒先5 | 1.12 × 0.47 | 0.53 | | |
| | | 外壁 | 1.57 × 0.70 | 1.10 | | |
| | | 内壁 | 1.49 × 0.54 | 0.80 | | |
| | | 屋根4 | 1.60 × 0.53 | 0.85 | | |
| | | 屋根5 | 5.25 × 0.54 | 2.83 | | |
| | | 屋根5 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先5 | 0.92 × 0.47 | 0.43 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 内壁 | 0.87 × 0.54 | 0.47 | 8.29(8.29) | 8.29(8.29) |
| Ｘ４又 | 1 | 内壁 | 1.23 × 0.54 | 0.66 | | |
| | | 床(2階床 | 2.15 × 1.45 | 3.11 | | |
| | | 床積載 | 2.15 × 1.80 | 3.86 | | |
| | | 内壁 | 1.17 × 0.54 | 0.63 | | |
| | | 床(2階床 | 2.12 × 1.45 | 3.08 | | |
| | | 床積載 | 2.12 × 1.80 | 3.82 | 15.17(10.90) | 15.17(10.90) |
| 又X13又 | 2 | 屋根5 | 0.44 × 0.54 | 0.24 | | |
| | | 軒先5 | 0.29 × 0.47 | 0.14 | | |
| | | 外壁 | 1.98 × 0.70 | 1.39 | | |
| | | 屋根4 | 0.07 × 0.53 | 0.04 | | |
| | | 屋根5 | 0.32 × 0.54 | 0.17 | | |
| | | 外壁 | 2.39 × 0.70 | 1.67 | 3.65(3.65) | 3.65(3.65) |
| | 1 | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 2.10 × 1.43 | 3.01 | | |
| | | 床積載 | 2.10 × 1.80 | 3.78 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 1.25 × 1.43 | 1.80 | | |
| | | 床積載 | 1.25 × 1.80 | 2.26 | 14.30(10.95) | 17.95(14.60) |
| ＸＯＹ２ | 2 | 屋根2 | 1.37 × 0.54 | 0.74 | | |
| | | 軒先2 | 0.42 × 0.47 | 0.20 | | |
| | | 外壁 | 3.56 × 0.70 | 2.49 | | |
| | | 屋根2 | 0.43 × 0.54 | 0.23 | | |
| | | 軒先2 | 0.13 × 0.47 | 0.06 | | |
| | | 外壁 | 1.85 × 0.70 | 1.29 | 5.01(5.01) | 5.01(5.01) |
| | 1 | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 1.45 × 1.46 | 2.11 | | |
| | | 床積載 | 1.45 × 1.80 | 2.61 | | |
| | | 床(2階床 | 2.48 × 1.46 | 3.64 | | |
| | | 床積載 | 2.48 × 1.80 | 4.47 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 1.45 × 1.46 | 2.11 | | |
| | | 床積載 | 1.45 × 1.80 | 2.61 | 22.16(16.78) | 27.17(21.78) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ４Ｙ２ | 1 | 床(2階床 | 2.48 × 1.46 | 3.64 | | |
| | | 床積載 | 2.48 × 1.80 | 4.47 | | |
| | | 内壁 | 1.45 × 0.54 | 0.78 | | |
| | | 床(2階床 | 1.67 × 1.44 | 2.41 | | |
| | | 床積載 | 1.67 × 1.80 | 3.01 | | |
| | | 内壁 | 1.17 × 0.54 | 0.63 | | |
| | | 床(2階床 | 1.21 × 1.44 | 1.75 | | |
| | | 床積載 | 1.21 × 1.80 | 2.18 | | |
| | | 外壁 | 0.09 × 0.70 | 0.06 | | |
| | | 内壁 | 1.96 × 0.54 | 1.06 | | |
| | | 床(2階床 | 1.35 × 1.43 | 1.92 | | |
| | | 床積載 | 1.35 × 1.80 | 2.42 | | |
| | | 柱Ｘ５又 | × 0.11 | 0.25 | | |
| | | 柱Ｘ５又 | × 0.09 | 0.18 | | |
| | | 柱Ｘ５Ｙ１ | × 0.03 | 0.13 | | |
| | | 柱Ｘ５ | × 0.05 | 0.13 | 25.02(18.30) | 25.02(18.30) |
| Ｘ５Ｙ２ | 2 | 屋根2 | 0.82 × 0.54 | 0.44 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根2 | 2.64 × 0.54 | 1.42 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 3.51(3.51) | 3.51(3.51) |
| | 1 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(2階床 | 0.36 × 1.40 | 0.51 | | |
| | | 床積載 | 0.36 × 1.80 | 0.65 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(2階床 | 0.36 × 1.40 | 0.51 | | |
| | | 床積載 | 0.36 × 1.80 | 0.65 | | |
| | | 外壁 | 0.20 × 0.70 | 0.14 | | |
| | | 内壁 | 2.80 × 0.54 | 1.51 | | |
| | | 床(2階床 | 2.52 × 1.43 | 3.61 | | |
| | | 床積載 | 2.52 × 1.80 | 4.53 | | |
| | | 柱Ｘ５又 | × 0.24 | 0.57 | | |
| | | 柱Ｘ５又 | × 0.21 | 0.41 | | |
| | | 柱Ｘ５Ｙ１ | × 0.06 | 0.30 | | |
| | | 柱Ｘ５ | × 0.12 | 0.29 | | |
| | | 外壁 | 0.06 × 0.70 | 0.04 | | |
| | | 内壁 | 0.87 × 0.54 | 0.47 | | |
| | | 床(2階床 | 0.68 × 1.43 | 0.98 | | |
| | | 床積載 | 0.68 × 1.80 | 1.23 | | |
| | | 柱Ｘ５ | × 0.03 | 0.09 | | |
| | | 柱Ｘ５又 | × 0.07 | 0.16 | | |
| | | 柱Ｘ５又 | × 0.06 | 0.12 | | |
| | | 柱Ｘ５Ｙ１ | × 0.02 | 0.09 | | |
| | | 柱Ｙ１ | × 0.02 | 0.03 | 18.53(14.61) | 22.04(18.11) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又Ｘ５Ｙ２ | 1 | 外壁 | 0.23 × 0.70 | 0.16 | | |
| | | 内壁 | 1.96 × 0.54 | 1.06 | | |
| | | 床(2階床 | 2.51 × 1.44 | 3.60 | | |
| | | 床積載 | 2.51 × 1.80 | 4.52 | | |
| | | 柱Ｘ５ | × 0.13 | 0.34 | | |
| | | 柱Ｘ５又 | × 0.28 | 0.65 | | |
| | | 柱Ｘ５又 | × 0.25 | 0.47 | | |
| | | 柱Ｘ５Ｙ１ | × 0.07 | 0.34 | | |
| | | 柱Ｙ１ | × 0.07 | 0.13 | | |
| | | 外壁 | 0.20 × 0.70 | 0.14 | | |
| | | 内壁 | 1.65 × 0.54 | 0.89 | | |
| | | 床(2階床 | 2.77 × 1.44 | 3.97 | | |
| | | 床積載 | 2.77 × 1.80 | 4.98 | | |
| | | 柱Ｙ１ | × 0.05 | 0.10 | | |
| | | 柱又Ｙ１ | × 0.04 | 0.28 | | |
| | | 柱又Ｙ１ | × 0.01 | 0.09 | 21.71(16.43) | 21.71(16.43) |
| 又Ｙ２ | 1 | 外壁 | 0.39 × 0.70 | 0.27 | | |
| | | 内壁 | 1.65 × 0.54 | 0.89 | | |
| | | 床(2階床 | 4.93 × 1.44 | 7.10 | | |
| | | 床積載 | 4.93 × 1.80 | 8.88 | | |
| | | 柱Ｙ１ | × 0.04 | 0.07 | | |
| | | 柱又Ｙ１ | × 0.03 | 0.20 | | |
| | | 柱又Ｙ１ | × 0.11 | 0.81 | | |
| | | 外壁 | 0.16 × 0.70 | 0.11 | | |
| | | 内壁 | 1.44 × 0.54 | 0.78 | | |
| | | 床(2階床 | 2.31 × 1.44 | 3.32 | | |
| | | 床積載 | 2.31 × 1.80 | 4.16 | 26.60(19.35) | 26.60(19.35) |
| Ｘ６Ｙ２ | 1 | 外壁 | 0.29 × 0.70 | 0.20 | | |
| | | 床(2階床 | 2.39 × 1.46 | 3.49 | | |
| | | 床積載 | 2.39 × 1.80 | 4.30 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.07 | 0.53 | | |
| | | 外壁 | 0.13 × 0.70 | 0.09 | | |
| | | 内壁 | 1.44 × 0.54 | 0.78 | | |
| | | 床(2階床 | 1.91 × 1.43 | 2.74 | | |
| | | 床積載 | 1.91 × 1.80 | 3.44 | | |
| | | 内壁 | 1.00 × 0.54 | 0.54 | | |
| | | 床(2階床 | 0.42 × 1.40 | 0.58 | | |
| | | 床積載 | 0.42 × 1.80 | 0.75 | | |
| | | 外壁 | 0.08 × 0.70 | 0.05 | | |
| | | 内壁 | 1.09 × 0.54 | 0.59 | | |
| | | 床(2階床 | 1.17 × 1.43 | 1.68 | | |
| | | 床積載 | 1.17 × 1.80 | 2.11 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.03 | 0.26 | 22.13(16.24) | 22.13(16.24) |
| 又Ｙ２ | 1 | 外壁 | 0.21 × 0.70 | 0.15 | | |
| | | 内壁 | 1.09 × 0.54 | 0.59 | | |
| | | 床(2階床 | 2.68 × 1.44 | 3.85 | | |
| | | 床積載 | 2.68 × 1.80 | 4.82 | | |
| | | 柱又Ｘ６Ｙ１ | × 0.09 | 0.71 | | |
| | | 内壁 | 0.31 × 0.54 | 0.17 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.13 | | |
| | | 床積載 | 0.09 × 1.80 | 0.17 | 10.59(7.82) | 10.59(7.82) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ７Ｙ２ | 1 | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.17 × 1.40 | 0.24 | | |
| | | 床積載 | 0.17 × 1.80 | 0.31 | | |
| | | 内壁 | 0.31 × 0.54 | 0.17 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.13 | | |
| | | 床積載 | 0.09 × 1.80 | 0.17 | | |
| | | 外壁 | 0.31 × 0.70 | 0.22 | | |
| | | 内壁 | 1.23 × 0.54 | 0.66 | | |
| | | 床(2階床 | 3.48 × 1.44 | 5.02 | | |
| | | 床積載 | 3.48 × 1.80 | 6.27 | | |
| | | 柱又Ｙ１ | × 0.04 | 0.20 | 13.83(10.08) | 13.83(10.08) |
| 又Ｙ２ | 1 | 外壁 | 0.34 × 0.70 | 0.24 | | |
| | | 内壁 | 1.23 × 0.54 | 0.66 | | |
| | | 床(2階床 | 3.48 × 1.44 | 5.00 | | |
| | | 床積載 | 3.48 × 1.80 | 6.27 | | |
| | | 柱又Ｙ１ | × 0.15 | 0.84 | | |
| | | 内壁 | 0.53 × 0.54 | 0.28 | | |
| | | 床(2階床 | 0.67 × 1.40 | 0.93 | | |
| | | 床積載 | 0.67 × 1.80 | 1.20 | 15.42(11.27) | 15.42(11.27) |
| 又Ｘ８Ｙ２ | 1 | 床(2階床 | 0.81 × 1.40 | 1.13 | | |
| | | 床積載 | 0.81 × 1.80 | 1.45 | | |
| | | 内壁 | 0.53 × 0.54 | 0.28 | | |
| | | 床(2階床 | 0.74 × 1.40 | 1.04 | | |
| | | 床積載 | 0.74 × 1.80 | 1.34 | | |
| | | 内壁 | 0.43 × 0.54 | 0.23 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.12 | | |
| | | 床積載 | 0.09 × 1.80 | 0.16 | 5.75(4.11) | 5.75(4.11) |
| Ｘ９Ｙ２ | 2 | 屋根2 | 0.27 × 0.54 | 0.15 | | |
| | | 軒先2 | 0.21 × 0.47 | 0.10 | | |
| | | 屋根4 | 1.00 × 0.53 | 0.53 | | |
| | | 屋根5 | 2.80 × 0.54 | 1.51 | | |
| | | 軒先5 | 0.73 × 0.47 | 0.34 | | |
| | | 外壁 | 2.77 × 0.70 | 1.94 | | |
| | | 内壁 | 2.96 × 0.54 | 1.60 | | |
| | | 外壁 | 0.65 × 0.85 | 0.55 | | |
| | | 屋根2 | 0.51 × 0.54 | 0.27 | | |
| | | 軒先2 | 0.39 × 0.47 | 0.18 | | |
| | | 屋根5 | 0.34 × 0.54 | 0.18 | | |
| | | 外壁 | 1.25 × 0.70 | 0.87 | | |
| | | 内壁 | 1.54 × 0.54 | 0.83 | | |
| | | 外壁 | 0.68 × 0.85 | 0.58 | 9.64(9.64) | 9.64(9.64) |
| | 1 | 外壁 | 1.92 × 0.70 | 1.34 | | |
| | | 内壁 | 4.69 × 0.54 | 2.53 | | |
| | | 床(2階床 | 1.23 × 1.40 | 1.72 | | |
| | | 床積載 | 1.23 × 1.80 | 2.21 | | |
| | | 柱又X10又 | × 0.08 | 0.65 | | |
| | | 柱又X11又 | × 0.04 | 0.12 | | |
| | | 内壁 | 0.43 × 0.54 | 0.23 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.12 | | |
| | | 床積載 | 0.09 × 1.80 | 0.16 | | |
| | | 外壁 | 0.71 × 0.70 | 0.50 | | |
| | | 内壁 | 3.01 × 0.54 | 1.63 | | |
| | | 床(2階床 | 2.33 × 1.43 | 3.33 | | |
| | | 床積載 | 2.33 × 1.80 | 4.19 | | |
| | | 柱又X10又 | × 0.22 | 1.79 | | |
| | | 柱又X11又 | × 0.10 | 0.34 | 20.85(17.21) | 30.49(26.85) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X14又Y２ | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 1.24 × 1.44 | 1.78 | | |
| | | 床積載 | 1.24 × 1.80 | 2.23 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 1.37 × 1.43 | 1.97 | | |
| | | 床積載 | 1.37 × 1.80 | 2.47 | 10.75(8.14) | 10.75(8.14) |
| X７ | 1 | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.17 × 1.40 | 0.24 | | |
| | | 床積載 | 0.17 × 1.80 | 0.31 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(2階床 | 0.38 × 1.40 | 0.53 | | |
| | | 床積載 | 0.38 × 1.80 | 0.69 | 3.07(2.51) | 3.07(2.51) |
| 又X14又 | 2 | 屋根4 | 0.43 × 0.53 | 0.23 | | |
| | | 屋根5 | 0.32 × 0.54 | 0.17 | | |
| | | 外壁 | 2.39 × 0.70 | 1.67 | | |
| | | 屋根4 | 0.48 × 0.53 | 0.26 | | |
| | | 外壁 | 2.43 × 0.70 | 1.70 | 4.03(4.03) | 4.03(4.03) |
| | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 1.36 × 1.44 | 1.95 | | |
| | | 床積載 | 1.36 × 1.80 | 2.44 | | |
| | | 外壁 | 0.82 × 0.70 | 0.58 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.34 | 6.73(5.18) | 10.76(9.21) |
| X６又 | 1 | 内壁 | 1.00 × 0.54 | 0.54 | | |
| | | 床(2階床 | 0.42 × 1.40 | 0.58 | | |
| | | 床積載 | 0.42 × 1.80 | 0.75 | | |
| | | 内壁 | 1.39 × 0.54 | 0.75 | | |
| | | 床(2階床 | 0.65 × 1.40 | 0.91 | | |
| | | 床積載 | 0.65 × 1.80 | 1.17 | 4.70(3.63) | 4.70(3.63) |
| 又X18又 | 2 | 屋根4 | 0.62 × 0.53 | 0.33 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 屋根4 | 0.25 × 0.53 | 0.13 | | |
| | | 軒先4 | 0.08 × 0.46 | 0.04 | 0.54(0.54) | 0.54(0.54) |
| | 1 | 床(バルコニー | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 床(バルコニー | 0.47 × 0.59 | 0.28 | | |
| | | 床積載 | 0.47 × 1.30 | 0.62 | | |
| | | サイディング(N/㎡) | 0.63 × 0.70 | 0.44 | 1.53(1.13) | 2.08(1.67) |
| X９又 | 2 | 屋根2 | 0.14 × 0.54 | 0.08 | | |
| | | 軒先2 | 0.11 × 0.47 | 0.05 | | |
| | | 屋根5 | 0.10 × 0.54 | 0.05 | | |
| | | 外壁 | 0.33 × 0.70 | 0.23 | | |
| | | 内壁 | 0.36 × 0.54 | 0.20 | | |
| | | 外壁 | 0.68 × 0.85 | 0.58 | | |
| | | 屋根2 | 0.26 × 0.54 | 0.14 | | |
| | | 軒先2 | 0.20 × 0.47 | 0.09 | | |
| | | 屋根5 | 0.33 × 0.54 | 0.18 | | |
| | | 外壁 | 0.72 × 0.70 | 0.51 | | |
| | | 内壁 | 1.12 × 0.54 | 0.60 | | |
| | | 外壁 | 0.68 × 0.85 | 0.58 | 3.28(3.28) | 3.28(3.28) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ９又 | 1 | 外壁 | 0.02 × 0.70 | 0.01 | | |
| | | 内壁 | 2.36 × 0.54 | 1.27 | | |
| | | 床(2階床 | 0.99 × 1.42 | 1.41 | | |
| | | 床積載 | 0.99 × 1.80 | 1.78 | | |
| | | 柱又X10又 | × 0.01 | 0.05 | | |
| | | 柱又X11又 | × 0.00 | 0.01 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 1.98 × 1.43 | 2.84 | | |
| | | 床積載 | 1.98 × 1.80 | 3.56 | 12.20(9.23) | 15.48(12.52) |
| 又X15又 | 1 | 内壁 | 0.54 | 0.01 | | |
| | | 床(2階床 | 2.22 × 1.50 | 3.33 | | |
| | | 床積載 | 2.22 × 1.80 | 3.99 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 床(2階床 | 1.23 × 1.45 | 1.78 | | |
| | | 床積載 | 1.23 × 1.80 | 2.21 | | |
| | | 外壁 | 0.82 × 0.70 | 0.58 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.34 | 14.23(10.60) | 14.23(10.60) |
| Ｘ４又 | 1 | 内壁 | 1.45 × 0.54 | 0.78 | | |
| | | 床(2階床 | 1.94 × 1.45 | 2.80 | | |
| | | 床積載 | 1.94 × 1.80 | 3.49 | | |
| | | 内壁 | 0.47 × 0.54 | 0.26 | | |
| | | 床(2階床 | 2.41 × 1.45 | 3.50 | | |
| | | 床積載 | 2.41 × 1.80 | 4.33 | | |
| | | 内壁 | 0.47 × 0.54 | 0.26 | 15.42(11.07) | 15.42(11.07) |
| ＸＯ | 2 | 屋根2 | 0.27 × 0.54 | 0.15 | | |
| | | 軒先2 | 0.08 × 0.47 | 0.04 | | |
| | | 外壁 | 1.90 × 0.70 | 1.33 | | |
| | | 屋根2 | 0.98 × 0.54 | 0.53 | | |
| | | 軒先2 | 0.30 × 0.47 | 0.14 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | 3.91(3.91) | 3.91(3.91) |
| | 1 | 床(2階床 | 2.48 × 1.46 | 3.63 | | |
| | | 床積載 | 2.48 × 1.80 | 4.47 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 1.45 × 1.46 | 2.11 | | |
| | | 床積載 | 1.45 × 1.80 | 2.61 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | 16.61(12.58) | 20.52(16.49) |
| Ｘ５ | 2 | 屋根2 | 0.52 × 0.54 | 0.28 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根2 | 1.89 × 0.54 | 1.02 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 2.53(2.53) | 2.53(2.53) |
| 又X16又 | 1 | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 床(バルコニー | 0.04 × 0.59 | 0.02 | | |
| | | 床積載 | 0.04 × 1.30 | 0.05 | | |
| | | 床(バルコニー | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 外壁 | 1.26 × 0.70 | 0.88 | | |
| | | 床(バルコニー | 0.78 × 0.59 | 0.46 | | |
| | | 床積載 | 0.78 × 1.30 | 1.01 | 3.02(2.38) | 3.02(2.38) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X16又 | 1 | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 床(バルコニー | 0.02 × 0.59 | 0.01 | | |
| | | 床積載 | 0.02 × 1.30 | 0.03 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 床(バルコニー | 0.04 × 0.59 | 0.02 | | |
| | | 床積載 | 0.04 × 1.30 | 0.05 | 0.82(0.77) | 0.82(0.77) |
| 又X19又 | 2 | 屋根4 | 0.83 × 0.53 | 0.44 | | |
| | | 外壁 | 1.78 × 0.70 | 1.25 | | |
| | | 外壁 | 2.14 × 0.70 | 1.50 | 3.19(3.19) | 3.19(3.19) |
| | 1 | 外壁 | 2.64 × 0.70 | 1.85 | | |
| | | 床(2階床 | 0.26 × 1.40 | 0.37 | | |
| | | 床積載 | 0.26 × 1.80 | 0.48 | | |
| | | 床(バルコニー | 0.18 × 0.59 | 0.10 | | |
| | | 床積載 | 0.18 × 1.30 | 0.23 | | |
| | | 床(バルコニー | 0.38 × 0.59 | 0.22 | | |
| | | 床積載 | 0.38 × 1.30 | 0.50 | | |
| | | サイディング(N/㎡) | 0.63 × 0.70 | 0.44 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 1.80 | 0.19 | 5.68(4.92) | 8.87(8.11) |
| 又X15又 | 2 | 屋根4 | 1.18 × 0.53 | 0.63 | | |
| | | 軒先4 | 0.14 × 0.46 | 0.07 | | |
| | | 屋根4 | 0.51 × 0.53 | 0.27 | | |
| | | 軒先4 | 0.16 × 0.46 | 0.07 | | |
| | | 屋根4 | 0.34 × 0.53 | 0.18 | | |
| | | 外壁 | 2.43 × 0.70 | 1.70 | | |
| | | 屋根4 | 0.55 × 0.53 | 0.29 | | |
| | | 外壁 | 1.72 × 0.70 | 1.20 | 4.42(4.42) | 4.42(4.42) |
| | 1 | 外壁 | 1.21 × 0.70 | 0.85 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | | |
| | | 床(2階床 | 1.77 × 1.48 | 2.61 | | |
| | | 床積載 | 1.77 × 1.80 | 3.18 | | |
| | | 床(バルコニー | 0.30 × 0.59 | 0.18 | | |
| | | 床積載 | 0.30 × 1.30 | 0.39 | | |
| | | 柱又X12又Y４ | × 0.19 | 0.10 | | |
| | | 柱又X14又 | × 0.34 | 0.33 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | | |
| | | 床(バルコニー | 0.02 × 0.59 | 0.01 | | |
| | | 床積載 | 0.02 × 1.30 | 0.03 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 床(2階床 | 1.78 × 1.48 | 2.62 | | |
| | | 床積載 | 1.78 × 1.80 | 3.20 | | |
| | | 内壁 | 0.88 × 0.54 | 0.47 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.16 | | |
| | | 床積載 | 0.11 × 1.80 | 0.20 | 17.42(13.53) | 21.83(17.94) |
| ＸＯＹ３ | 2 | 屋根2 | 1.26 × 0.54 | 0.68 | | |
| | | 軒先2 | 0.22 × 0.47 | 0.10 | | |
| | | 外壁 | 1.31 × 0.70 | 0.92 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根2 | 0.21 × 0.54 | 0.11 | | |
| | | 軒先2 | 0.06 × 0.47 | 0.03 | | |
| | | 外壁 | 1.17 × 0.70 | 0.82 | | |
| | | 外壁 | 0.65 × 0.70 | 0.45 | 3.93(3.93) | 3.93(3.93) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯＹ３ | 1 | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 0.31 × 1.40 | 0.43 | | |
| | | 床積載 | 0.31 × 1.80 | 0.56 | | |
| | | 外壁 | 4.12 × 0.70 | 2.88 | | |
| | | 床(2階床 | 1.54 × 1.45 | 2.24 | | |
| | | 床積載 | 1.54 × 1.80 | 2.77 | | |
| | | 柱ＸＯ又Ｙ３ | × 0.70 | 2.66 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 13.87(11.91) | 17.80(15.85) |
| 又Ｘ１Ｙ３ | 1 | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 0.31 × 1.40 | 0.43 | | |
| | | 床積載 | 0.31 × 1.80 | 0.56 | | |
| | | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 0.41 × 1.40 | 0.58 | | |
| | | 床積載 | 0.41 × 1.80 | 0.75 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 4.00(3.28) | 4.00(3.28) |
| 又Ｙ３ | 2 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根2 | 6.74 × 0.54 | 3.64 | | |
| | | 内壁 | 0.48 × 0.54 | 0.26 | 4.72(4.72) | 4.72(4.72) |
| | 1 | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 0.41 × 1.40 | 0.58 | | |
| | | 床積載 | 0.41 × 1.80 | 0.75 | | |
| | | 内壁 | 4.09 × 0.54 | 2.21 | | |
| | | 床(2階床 | 1.06 × 1.40 | 1.49 | | |
| | | 床積載 | 1.06 × 1.80 | 1.91 | | |
| | | 柱又Ｙ３ | × 0.76 | 2.53 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 10.31(8.83) | 15.02(13.55) |
| 又Ｙ３ | 2 | 屋根2 | 2.09 × 0.54 | 1.13 | | |
| | | 内壁 | 0.48 × 0.54 | 0.26 | | |
| | | 屋根2 | 2.07 × 0.54 | 1.12 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 3.32(3.32) | 3.32(3.32) |
| Ｘ３Ｙ３ | 2 | 内壁 | 1.90 × 0.54 | 1.03 | | |
| | | 屋根2 | 3.66 × 0.54 | 1.99 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | | |
| | | 屋根2 | 6.58 × 0.54 | 3.56 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 8.43(8.43) | 8.43(8.43) |
| | 1 | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 内壁 | 2.69 × 0.54 | 1.45 | | |
| | | 床(2階床 | 1.61 × 1.43 | 2.30 | | |
| | | 床積載 | 1.61 × 1.80 | 2.90 | | |
| | | 内壁 | 4.09 × 0.54 | 2.21 | | |
| | | 床(2階床 | 0.91 × 1.40 | 1.27 | | |
| | | 床積載 | 0.91 × 1.80 | 1.63 | | |
| | | 柱又Ｙ３ | × 0.24 | 0.79 | | |
| | | 内壁 | 2.92 × 0.54 | 1.58 | | |
| | | 床(2階床 | 0.62 × 1.40 | 0.87 | | |
| | | 床積載 | 0.62 × 1.80 | 1.12 | 16.77(13.43) | 25.20(21.86) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ４Ｙ３ | 1 | 内壁 | 2.92 × 0.54 | 1.58 | | |
| | | 床(2階床 | 0.62 × 1.40 | 0.87 | | |
| | | 床積載 | 0.62 × 1.80 | 1.12 | | |
| | | 内壁 | 1.01 × 0.54 | 0.55 | | |
| | | 床(2階床 | 0.22 × 1.40 | 0.31 | | |
| | | 床積載 | 0.22 × 1.80 | 0.39 | | |
| | | 内壁 | 0.47 × 0.54 | 0.26 | | |
| | | 床(2階床 | 0.73 × 1.43 | 1.04 | | |
| | | 床積載 | 0.73 × 1.80 | 1.31 | | |
| | | 内壁 | 0.47 × 0.54 | 0.26 | 7.66(6.10) | 7.66(6.10) |
| 又Ｘ４Ｙ３ | 2 | 屋根2 | 5.57 × 0.54 | 3.03 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 4.48(4.48) | 4.48(4.48) |
| | 1 | 内壁 | 1.01 × 0.54 | 0.55 | | |
| | | 床(2階床 | 0.22 × 1.40 | 0.31 | | |
| | | 床積載 | 0.22 × 1.80 | 0.39 | | |
| | | 内壁 | 1.67 × 0.54 | 0.90 | | |
| | | 床(2階床 | 0.71 × 1.40 | 0.99 | | |
| | | 床積載 | 0.71 × 1.80 | 1.27 | | |
| | | 柱Ｘ５ | × 0.14 | 0.36 | 4.77(3.85) | 9.25(8.32) |
| 又Ｙ３ | 1 | 内壁 | 1.89 × 0.54 | 1.02 | | |
| | | 床(2階床 | 0.87 × 1.40 | 1.22 | | |
| | | 床積載 | 0.87 × 1.80 | 1.57 | | |
| | | 柱Ｘ５ | × 0.19 | 0.49 | 4.29(3.42) | 4.29(3.42) |
| Ｘ５Ｙ３ | 2 | 屋根2 | 2.89 × 0.54 | 1.57 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 屋根2 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 3.22(3.22) | 3.22(3.22) |
| | 1 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | | |
| | | 内壁 | 0.10 × 0.54 | 0.05 | | |
| | | 床(2階床 | 3.31 × 1.43 | 4.74 | | |
| | | 床積載 | 3.31 × 1.80 | 5.96 | | |
| | | 内壁 | 2.84 × 0.54 | 1.53 | | |
| | | 床(2階床 | 1.05 × 1.40 | 1.47 | | |
| | | 床積載 | 1.05 × 1.80 | 1.89 | | |
| | | 柱Ｘ５ | × 0.22 | 0.56 | 17.11(12.59) | 20.33(15.82) |
| 又Ｙ３ | 2 | 内壁 | 1.14 × 0.54 | 0.62 | | |
| | | 屋根2 | 3.93 × 0.54 | 2.12 | | |
| | | 内壁 | 0.86 × 0.54 | 0.46 | 3.20(3.20) | 3.20(3.20) |
| | 1 | 床(2階床 | 1.04 × 1.40 | 1.45 | | |
| | | 床積載 | 1.04 × 1.80 | 1.86 | | |
| | | 内壁 | 2.59 × 0.54 | 1.40 | | |
| | | 床(2階床 | 0.76 × 1.40 | 1.06 | | |
| | | 床積載 | 0.76 × 1.80 | 1.37 | | |
| | | 柱Ｘ５ | × 0.11 | 0.28 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 0.79 × 1.40 | 1.11 | | |
| | | 床積載 | 0.79 × 1.80 | 1.43 | | |
| | | 柱又Ｙ３ | × 0.25 | 1.32 | 12.54(9.96) | 15.74(13.16) |
| 又Ｙ３ | 2 | 屋根2 | 5.33 × 0.54 | 2.88 | | |
| | | 内壁 | 0.86 × 0.54 | 0.46 | | |
| | | 屋根2 | 2.14 × 0.54 | 1.15 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 5.31(5.31) | 5.31(5.31) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｙ３ | 1 | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 1.17 × 1.40 | 1.64 | | |
| | | 床積載 | 1.17 × 1.80 | 2.11 | | |
| | | 柱又Ｙ３ | × 0.75 | 3.99 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 1.10 × 1.40 | 1.55 | | |
| | | 床積載 | 1.10 × 1.80 | 1.99 | 13.80(11.52) | 13.80(11.52) |
| Ｘ６Ｙ３ | 1 | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 0.76 × 1.40 | 1.06 | | |
| | | 床積載 | 0.76 × 1.80 | 1.37 | | |
| | | 内壁 | 2.74 × 0.54 | 1.48 | | |
| | | 床(2階床 | 0.83 × 1.40 | 1.17 | | |
| | | 床積載 | 0.83 × 1.80 | 1.50 | | |
| | | 柱又Ｘ６Ｙ３ | × 0.93 | 7.20 | | |
| | | 内壁 | 1.39 × 0.54 | 0.75 | | |
| | | 床(2階床 | 0.59 × 1.40 | 0.83 | | |
| | | 床積載 | 0.59 × 1.80 | 1.06 | 18.34(15.95) | 18.34(15.95) |
| 又Ｘ６Ｙ３ | 2 | 屋根2 | 6.80 × 0.54 | 3.67 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根2 | 3.93 × 0.54 | 2.13 | | |
| | | 屋根3 | 0.19 × 0.55 | 0.10 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | 7.75(7.75) | 7.75(7.75) |
| Ｘ７Ｙ３ | 1 | 内壁 | 2.74 × 0.54 | 1.48 | | |
| | | 床(2階床 | 0.94 × 1.40 | 1.32 | | |
| | | 床積載 | 0.94 × 1.80 | 1.69 | | |
| | | 柱又Ｘ６Ｙ３ | × 0.07 | 0.56 | | |
| | | 内壁 | 2.95 × 0.54 | 1.59 | | |
| | | 床(2階床 | 4.77 × 1.44 | 6.85 | | |
| | | 床積載 | 4.77 × 1.80 | 8.58 | | |
| | | 内壁 | 0.43 × 0.54 | 0.23 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(2階床 | 0.38 × 1.40 | 0.53 | | |
| | | 床積載 | 0.38 × 1.80 | 0.69 | 24.71(18.52) | 24.71(18.52) |
| 又Ｘ７Ｙ３ | 1 | 内壁 | 0.43 × 0.54 | 0.23 | | |
| | | 床(2階床 | 0.60 × 1.40 | 0.84 | | |
| | | 床積載 | 0.60 × 1.80 | 1.09 | | |
| | | 内壁 | 4.17 × 0.54 | 2.25 | | |
| | | 床(2階床 | 2.04 × 1.40 | 2.86 | | |
| | | 床積載 | 2.04 × 1.80 | 3.67 | | |
| | | 柱又Ｘ７Ｙ３ | × 0.75 | 5.41 | 16.34(13.70) | 16.34(13.70) |
| 又Ｘ７Ｙ３ | 2 | 屋根2 | 6.52 × 0.54 | 3.53 | | |
| | | 屋根3 | 0.54 × 0.55 | 0.30 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | | |
| | | 屋根2 | 2.93 × 0.54 | 1.58 | | |
| | | 内壁 | 1.41 × 0.54 | 0.76 | 7.20(7.20) | 7.20(7.20) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ９Ｙ３ | 2 | 屋根2 | 0.59 × 0.54 | 0.32 | | |
| | | 軒先2 | 0.26 × 0.47 | 0.12 | | |
| | | 屋根5 | 0.74 × 0.54 | 0.40 | | |
| | | 外壁 | 0.77 × 0.70 | 0.54 | | |
| | | 屋根2 | 0.21 × 0.54 | 0.11 | | |
| | | 軒先2 | 0.16 × 0.47 | 0.08 | | |
| | | 屋根5 | 0.27 × 0.54 | 0.14 | | |
| | | 外壁 | 0.80 × 0.70 | 0.56 | | |
| | | 内壁 | 1.54 × 0.54 | 0.83 | | |
| | | 外壁 | 0.68 × 0.85 | 0.58 | | |
| | | 屋根2 | 0.42 × 0.59 | 0.25 | | |
| | | 軒先2 | 0.30 × 0.47 | 0.14 | | |
| | | 屋根3 | 0.20 × 0.58 | 0.12 | | |
| | | 軒先3 | 0.05 × 0.46 | 0.02 | | |
| | | 屋根4 | 2.14 × 0.54 | 1.15 | | |
| | | 屋根5 | 0.55 × 0.54 | 0.30 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 内壁 | 2.81 × 0.54 | 1.52 | | |
| | | 外壁 | 1.69 × 0.85 | 1.43 | | |
| | | 屋根2 | 3.44 × 0.54 | 1.86 | | |
| | | 内壁 | 1.41 × 0.54 | 0.76 | 11.63(11.63) | 11.63(11.63) |
| | 1 | 内壁 | 4.46 × 0.54 | 2.41 | | |
| | | 床(2階床 | 2.67 × 1.40 | 3.74 | | |
| | | 床積載 | 2.67 × 1.80 | 4.81 | | |
| | | 柱又Ｘ７Ｙ３ | × 0.25 | 1.80 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 2.73 × 1.44 | 3.91 | | |
| | | 床積載 | 2.73 × 1.80 | 4.91 | | |
| | | 内壁 | 3.11 × 0.54 | 1.68 | | |
| | | 床(2階床 | 1.77 × 1.42 | 2.52 | | |
| | | 床積載 | 1.77 × 1.80 | 3.18 | 30.23(23.06) | 41.86(34.69) |
| 又X14又Ｙ３ | 1 | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.26 | | |
| | | 床積載 | 0.19 × 1.80 | 0.34 | | |
| | | 床(2階床 | 0.18 × 1.40 | 0.25 | | |
| | | 床積載 | 0.18 × 1.80 | 0.32 | | |
| | | 内壁 | 0.88 × 0.54 | 0.47 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.16 | | |
| | | 床積載 | 0.11 × 1.80 | 0.20 | 2.21(1.74) | 2.21(1.74) |
| 又X17又Ｙ３ | 2 | 屋根4 | 2.00 × 0.53 | 1.06 | | |
| | | 外壁 | 1.56 × 0.70 | 1.09 | | |
| | | 外壁 | 1.78 × 0.70 | 1.25 | 3.40(3.40) | 3.40(3.40) |
| | 1 | 外壁 | 0.37 × 0.70 | 0.26 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 1.80 | 0.08 | | |
| | | 床(バルコニー | 0.59 | 0.00 | | |
| | | 床積載 | 1.30 | 0.01 | | |
| | | 外壁 | 2.64 × 0.70 | 1.85 | | |
| | | 床(2階床 | 0.31 × 1.40 | 0.44 | | |
| | | 床積載 | 0.31 × 1.80 | 0.56 | | |
| | | 床(バルコニー | 0.18 × 0.59 | 0.10 | | |
| | | 床積載 | 0.18 × 1.30 | 0.23 | 3.59(3.10) | 6.99(6.50) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X19又Y３ | 1 | 床(2階床 | 0.83 × 1.40 | 1.16 | | |
| | | 床積載 | 0.83 × 1.80 | 1.49 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 1.80 | 0.19 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 1.80 | 0.19 | 5.63(4.59) | 5.63(4.59) |
| 又X17又Y３ | 1 | 外壁 | 1.26 × 0.70 | 0.88 | | |
| | | 床(バルコニー | 0.62 × 0.59 | 0.37 | | |
| | | 床積載 | 0.62 × 1.30 | 0.81 | | |
| | | 外壁 | 0.54 × 0.70 | 0.38 | | |
| | | 内壁 | 0.54 × 0.54 | 0.29 | | |
| | | 床(2階床 | 0.07 × 1.40 | 0.09 | | |
| | | 床積載 | 0.07 × 1.80 | 0.12 | | |
| | | 床(バルコニー | 0.07 × 0.59 | 0.04 | | |
| | | 床積載 | 0.07 × 1.30 | 0.10 | | |
| | | 外壁 | 0.37 × 0.70 | 0.26 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 1.80 | 0.08 | | |
| | | 床(バルコニー | 0.59 | 0.00 | | |
| | | 床積載 | 1.30 | 0.01 | 3.49(2.89) | 3.49(2.89) |
| ＸＯ又Y３ | 2 | 屋根2 | 0.87 × 0.59 | 0.51 | | |
| | | 軒先2 | 0.34 × 0.47 | 0.16 | | |
| | | 外壁 | 2.24 × 0.70 | 1.57 | | |
| | | 外壁 | 0.65 × 0.70 | 0.45 | | |
| | | 外壁 | 1.60 × 0.70 | 1.12 | 3.81(3.81) | 3.81(3.81) |
| 又X17又 | 1 | 外壁 | 1.51 × 0.70 | 1.06 | | |
| | | 内壁 | 2.51 × 0.54 | 1.36 | | |
| | | 床(2階床 | 1.10 × 1.44 | 1.58 | | |
| | | 床積載 | 1.10 × 1.80 | 1.98 | | |
| | | 床(バルコニー | 0.24 × 0.59 | 0.14 | | |
| | | 床積載 | 0.24 × 1.30 | 0.31 | | |
| | | 柱又X16又 | × 0.69 | 2.86 | | |
| | | 柱又X12又Y４ | × 0.06 | 0.03 | | |
| | | 柱又X14又 | × 0.12 | 0.11 | | |
| | | 外壁 | 0.54 × 0.70 | 0.38 | | |
| | | 内壁 | 0.54 × 0.54 | 0.29 | | |
| | | 床(2階床 | 0.07 × 1.40 | 0.09 | | |
| | | 床積載 | 0.07 × 1.80 | 0.12 | | |
| | | 床(バルコニー | 0.07 × 0.59 | 0.04 | | |
| | | 床積載 | 0.07 × 1.30 | 0.10 | | |
| | | 内壁 | 0.70 × 0.54 | 0.38 | | |
| | | 床(2階床 | 0.20 × 1.40 | 0.28 | | |
| | | 床積載 | 0.20 × 1.80 | 0.36 | 11.48(9.90) | 11.48(9.90) |
| 又X16又 | 2 | 屋根4 | 0.58 × 0.53 | 0.31 | | |
| | | 屋根4 | 0.72 × 0.53 | 0.39 | | |
| | | 屋根4 | 0.80 × 0.53 | 0.42 | | |
| | | 外壁 | 1.56 × 0.70 | 1.09 | | |
| | | 屋根4 | 0.45 × 0.53 | 0.24 | | |
| | | 外壁 | 1.72 × 0.70 | 1.20 | | |
| | | 屋根4 | 0.11 × 0.53 | 0.06 | | |
| | | 内壁 | 0.84 × 0.54 | 0.45 | 4.17(4.17) | 4.17(4.17) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X20又 | 2 | 屋根4 | 0.71 × 0.53 | 0.37 | | |
| | | 外壁 | 2.14 × 0.70 | 1.50 | | |
| | | 屋根4 | 0.40 × 0.53 | 0.21 | | |
| | | 軒先4 | 0.12 × 0.46 | 0.06 | | |
| | | 外壁 | 1.98 × 0.70 | 1.39 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | 4.15(4.15) | 4.15(4.15) |
| | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 1.80 | 0.19 | | |
| | | 内壁 | 1.40 × 0.54 | 0.76 | | |
| | | 床(2階床 | 0.28 × 1.40 | 0.40 | | |
| | | 床積載 | 0.28 × 1.80 | 0.51 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 0.26 × 1.40 | 0.36 | | |
| | | 床積載 | 0.26 × 1.80 | 0.46 | 6.29(5.64) | 10.44(9.79) |
| Ｘ３又 | 1 | 内壁 | 2.69 × 0.54 | 1.45 | | |
| | | 床(2階床 | 2.11 × 1.43 | 3.02 | | |
| | | 床積載 | 2.11 × 1.80 | 3.80 | | |
| | | 内壁 | 1.21 × 0.54 | 0.65 | | |
| | | 床(2階床 | 1.55 × 1.43 | 2.22 | | |
| | | 床積載 | 1.55 × 1.80 | 2.79 | 13.94(10.28) | 13.94(10.28) |
| 又X17又 | 1 | 内壁 | 0.70 × 0.54 | 0.38 | | |
| | | 床(2階床 | 0.20 × 1.40 | 0.28 | | |
| | | 床積載 | 0.20 × 1.80 | 0.36 | | |
| | | 内壁 | 0.89 × 0.54 | 0.48 | | |
| | | 床(2階床 | 1.86 × 1.40 | 2.60 | | |
| | | 床積載 | 1.86 × 1.80 | 3.35 | 7.45(5.39) | 7.45(5.39) |
| 又X15又 | 2 | 屋根4 | 1.68 × 0.53 | 0.89 | | |
| | | 屋根5 | 0.82 × 0.54 | 0.44 | | |
| | | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 屋根4 | 1.14 × 0.53 | 0.61 | | |
| | | 内壁 | 0.84 × 0.54 | 0.45 | 3.02(3.02) | 3.02(3.02) |
| | 1 | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.27 × 1.40 | 0.38 | | |
| | | 床積載 | 0.27 × 1.80 | 0.49 | | |
| | | 外壁 | 0.50 × 0.70 | 0.35 | | |
| | | 内壁 | 2.67 × 0.54 | 1.44 | | |
| | | 床(2階床 | 0.71 × 1.43 | 1.02 | | |
| | | 床積載 | 0.71 × 1.80 | 1.28 | | |
| | | 床(バルコニー | 0.09 × 0.59 | 0.05 | | |
| | | 床積載 | 0.09 × 1.30 | 0.12 | | |
| | | 柱又X16又 | × 0.31 | 1.30 | | |
| | | 柱又X12又Ｙ４ | × 0.03 | 0.02 | | |
| | | 柱又X14又 | × 0.05 | 0.05 | | |
| | | 内壁 | 2.18 × 0.54 | 1.18 | | |
| | | 床(2階床 | 0.38 × 1.40 | 0.53 | | |
| | | 床積載 | 0.38 × 1.80 | 0.69 | 9.33(7.90) | 12.35(10.92) |
| 又X14又 | 2 | 内壁 | 1.16 × 0.54 | 0.62 | | |
| | | 内壁 | 0.63 × 0.54 | 0.34 | 0.96(0.96) | 0.96(0.96) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X19又 | 1 | 内壁 | 2.88 × 0.54 | 1.56 | | |
| | | 床(2階床 | 3.01 × 1.43 | 4.31 | | |
| | | 床積載 | 3.01 × 1.80 | 5.42 | | |
| | | 柱又X18又 | × 0.62 | 2.06 | | |
| | | 柱又X20又 | × 0.06 | 0.12 | | |
| | | 内壁 | 1.40 × 0.54 | 0.76 | | |
| | | 床(2階床 | 0.28 × 1.40 | 0.40 | | |
| | | 床積載 | 0.28 × 1.80 | 0.51 | 15.14(11.84) | 15.14(11.84) |
| X９ | 1 | 内壁 | 0.68 × 0.54 | 0.37 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | | |
| | | 内壁 | 3.11 × 0.54 | 1.68 | | |
| | | 床(2階床 | 2.03 × 1.43 | 2.89 | | |
| | | 床積載 | 2.03 × 1.80 | 3.65 | | |
| | | 内壁 | 1.80 × 0.54 | 0.97 | | |
| | | 床(2階床 | 2.55 × 1.47 | 3.77 | | |
| | | 床積載 | 2.55 × 1.80 | 4.60 | 18.40(13.67) | 18.40(13.67) |
| 又X18又 | 2 | 屋根4 | 3.11 × 0.53 | 1.66 | | |
| | | 内壁 | 1.90 × 0.54 | 1.03 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | 3.30(3.30) | 3.30(3.30) |
| XOY４ | 2 | 屋根2 | 2.38 × 0.59 | 1.39 | | |
| | | 軒先2 | 0.24 × 0.47 | 0.11 | | |
| | | 屋根3 | 0.89 × 0.53 | 0.47 | | |
| | | 軒先3 | 0.27 × 0.46 | 0.13 | | |
| | | 外壁 | 3.46 × 0.70 | 2.42 | | |
| | | 屋根2 | 0.20 × 0.57 | 0.11 | | |
| | | 屋根3 | 0.78 × 0.56 | 0.44 | | |
| | | 床(小屋裏収納 | 0.65 × 0.59 | 0.38 | | |
| | | 床積載 | 0.65 × 1.30 | 0.84 | | |
| | | 小屋裏収納内壁 | 1.65 × 0.98 | 1.62 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(小屋裏収納 | 0.34 × 0.59 | 0.20 | | |
| | | 床積載 | 0.34 × 1.30 | 0.45 | | |
| | | 外壁 | 1.60 × 0.70 | 1.12 | 10.54(9.85) | 10.54(9.85) |
| | 1 | 外壁 | 4.12 × 0.70 | 2.88 | | |
| | | 床(2階床 | 1.94 × 1.46 | 2.83 | | |
| | | 床積載 | 1.94 × 1.80 | 3.49 | | |
| | | 柱XO又Y３ | × 0.30 | 1.16 | | |
| | | 外壁 | 1.62 × 0.70 | 1.13 | | |
| | | 床(2階床 | 0.17 × 1.40 | 0.23 | | |
| | | 床積載 | 0.17 × 1.80 | 0.30 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 床(2階床 | 0.18 × 1.40 | 0.26 | | |
| | | 床積載 | 0.18 × 1.80 | 0.33 | | |
| | | 外壁 | 0.56 × 0.70 | 0.39 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | 13.42(11.13) | 23.96(20.98) |
| X１Y４ | 1 | 床(2階床 | 0.30 × 1.40 | 0.42 | | |
| | | 床積載 | 0.30 × 1.80 | 0.54 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 床(2階床 | 0.18 × 1.40 | 0.26 | | |
| | | 床積載 | 0.18 × 1.80 | 0.33 | | |
| | | 内壁 | 0.61 × 0.54 | 0.33 | | |
| | | 床(2階床 | 0.46 × 1.40 | 0.64 | | |
| | | 床積載 | 0.46 × 1.80 | 0.82 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 内壁 | 0.61 × 0.54 | 0.33 | 4.09(3.15) | 4.09(3.15) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又Ｙ４ | 1 | 内壁 | 0.61 × 0.54 | 0.33 | | |
| | | 床(2階床 | 0.45 × 1.40 | 0.63 | | |
| | | 床積載 | 0.45 × 1.80 | 0.81 | | |
| | | 内壁 | 1.05 × 0.54 | 0.57 | | |
| | | 床(2階床 | 0.91 × 1.40 | 1.28 | | |
| | | 床積載 | 0.91 × 1.80 | 1.65 | | |
| | | 柱Ｘ２Ｙ４ | × 0.47 | 2.16 | | |
| | | 柱Ｘ２又Ｙ４ | × 0.18 | 0.44 | | |
| | | 内壁 | 0.85 × 0.54 | 0.46 | | |
| | | 内壁 | 0.61 × 0.54 | 0.33 | 8.65(6.86) | 8.65(6.86) |
| Ｘ２Ｙ４ | 2 | 床(小屋裏収納 | 0.17 × 0.59 | 0.10 | | |
| | | 床積載 | 0.17 × 1.30 | 0.22 | | |
| | | 屋根2 | 0.28 × 0.57 | 0.16 | | |
| | | 屋根3 | 1.13 × 0.56 | 0.64 | | |
| | | 床(小屋裏収納 | 0.65 × 0.59 | 0.38 | | |
| | | 床積載 | 0.65 × 1.30 | 0.84 | | |
| | | 小屋裏収納内壁 | 1.65 × 0.98 | 1.62 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 小屋裏収納内壁 | 0.46 × 0.98 | 0.45 | 4.59(3.95) | 4.59(3.95) |
| Ｘ３Ｙ４ | 2 | 屋根2 | 0.38 × 0.57 | 0.22 | | |
| | | 屋根3 | 1.53 × 0.57 | 0.87 | | |
| | | 内壁 | 0.63 × 0.54 | 0.34 | | |
| | | 床(小屋裏収納 | 0.17 × 0.59 | 0.10 | | |
| | | 床積載 | 0.17 × 1.30 | 0.22 | | |
| | | 内壁 | 1.90 × 0.54 | 1.03 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 小屋裏収納内壁 | 0.46 × 0.98 | 0.45 | | |
| | | 床(小屋裏収納 | 0.15 × 0.59 | 0.09 | | |
| | | 床積載 | 0.15 × 1.30 | 0.19 | | |
| | | 小屋裏収納内壁 | 0.55 × 0.98 | 0.54 | 4.22(3.93) | 4.22(3.93) |
| | 1 | 内壁 | 1.21 × 0.54 | 0.65 | | |
| | | 床(2階床 | 0.89 × 1.43 | 1.27 | | |
| | | 床積載 | 0.89 × 1.80 | 1.60 | | |
| | | 内壁 | 1.07 × 0.54 | 0.58 | | |
| | | 床(2階床 | 0.62 × 1.40 | 0.87 | | |
| | | 床積載 | 0.62 × 1.80 | 1.12 | | |
| | | 柱Ｘ２Ｙ４ | × 0.53 | 2.43 | | |
| | | 柱Ｘ２又Ｙ４ | × 0.20 | 0.50 | | |
| | | 内壁 | 2.00 × 0.54 | 1.08 | | |
| | | 床(2階床 | 1.43 × 1.40 | 2.00 | | |
| | | 床積載 | 1.43 × 1.80 | 2.57 | | |
| | | 柱又Ｘ４又 | × 0.14 | 0.17 | | |
| | | 柱又Ｘ４Ｙ４ | × 0.33 | 0.68 | | |
| | | 柱Ｙ４ | × 0.66 | 4.42 | | |
| | | 内壁 | 2.51 × 0.54 | 1.35 | | |
| | | 床(2階床 | 0.39 × 1.40 | 0.54 | | |
| | | 床積載 | 0.39 × 1.80 | 0.70 | | |
| | | 柱Ｘ３又Ｙ４ | × 0.38 | 1.56 | | |
| | | 内壁 | 0.85 × 0.54 | 0.46 | | |
| | | 内壁 | 0.53 × 0.54 | 0.28 | 24.83(19.91) | 29.05(23.84) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｙ４ | 2 | 屋根2 | 3.74 × 0.59 | 2.20 | | |
| | | 屋根3 | 1.46 × 0.57 | 0.83 | | |
| | | 内壁 | 0.53 × 0.54 | 0.28 | | |
| | | 床(小屋裏収納 | 0.83 × 0.59 | 0.49 | | |
| | | 床積載 | 0.83 × 1.30 | 1.08 | | |
| | | 床(小屋裏収納 | 0.15 × 0.59 | 0.09 | | |
| | | 床積載 | 0.15 × 1.30 | 0.19 | | |
| | | 小屋裏収納内壁 | 0.55 × 0.98 | 0.54 | | |
| | | 床(小屋裏収納 | 0.28 × 0.59 | 0.16 | | |
| | | 床積載 | 0.28 × 1.30 | 0.36 | | |
| | | 小屋裏収納内壁 | 0.53 × 0.98 | 0.51 | 6.74(5.86) | 6.74(5.86) |
| 又Ｘ４Ｙ４ | 2 | 床(小屋裏収納 | 0.28 × 0.59 | 0.16 | | |
| | | 床積載 | 0.28 × 1.30 | 0.36 | | |
| | | 小屋裏収納内壁 | 0.53 × 0.98 | 0.51 | | |
| | | 床(小屋裏収納 | 0.28 × 0.59 | 0.16 | | |
| | | 床積載 | 0.28 × 1.30 | 0.36 | | |
| | | 小屋裏収納内壁 | 0.53 × 0.98 | 0.51 | 2.07(1.68) | 2.07(1.68) |
| Ｘ５Ｙ４ | 2 | 屋根2 | 2.31 × 0.57 | 1.31 | | |
| | | 屋根3 | 1.49 × 0.57 | 0.84 | | |
| | | 屋根2 | 2.25 × 0.54 | 1.22 | | |
| | | 屋根3 | 1.08 × 0.53 | 0.58 | | |
| | | 床(小屋裏収納 | 0.28 × 0.59 | 0.16 | | |
| | | 床積載 | 0.28 × 1.30 | 0.36 | | |
| | | 小屋裏収納内壁 | 0.53 × 0.98 | 0.51 | | |
| | | 屋根3 | 1.72 × 0.53 | 0.92 | | |
| | | 内壁 | 0.18 × 0.54 | 0.10 | | |
| | | 床(小屋裏収納 | 0.48 × 0.59 | 0.28 | | |
| | | 床積載 | 0.48 × 1.30 | 0.62 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | 7.78(7.26) | 7.78(7.26) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ５Ｙ４ | 1 | 床(2階床 | 4.59 × 1.43 | 6.58 | | |
| | | 床積載 | 4.59 × 1.80 | 8.27 | | |
| | | 内壁 | 1.78 × 0.54 | 0.96 | | |
| | | 床(2階床 | 1.45 × 1.40 | 2.03 | | |
| | | 床積載 | 1.45 × 1.80 | 2.62 | | |
| | | 柱又Ｘ４又 | × 0.28 | 0.35 | | |
| | | 柱又Ｘ４Ｙ４ | × 0.67 | 1.39 | | |
| | | 柱Ｙ４ | × 0.34 | 2.32 | | |
| | | 内壁 | 22.61 × 0.54 | 12.21 | | |
| | | 床(2階床 | 10.95 × 1.44 | 15.77 | | |
| | | 床積載 | 10.95 × 1.80 | 19.71 | | |
| | | 床(2階ホール | 0.13 × 1.46 | 0.20 | | |
| | | 床積載 | 0.13 × 3.20 | 0.43 | | |
| | | 柱Ｘ５ | × 0.80 | 6.75 | | |
| | | 柱Ｘ５ | × 0.50 | 5.00 | | |
| | | 柱Ｘ５Ｙ６ | × 0.30 | 3.96 | | |
| | | 柱Ｘ５Ｙ７ | × 0.10 | 1.41 | | |
| | | 柱Ｘ５Ｙ５ | × 0.60 | 4.23 | | |
| | | 柱 | × 0.28 | 1.67 | | |
| | | 柱又Ｘ４又 | × 0.31 | 0.38 | | |
| | | 柱又Ｘ４又 | × 0.27 | 0.61 | | |
| | | 柱 | × 0.24 | 0.75 | | |
| | | 柱又Ｘ４又 | × 0.24 | 0.54 | | |
| | | 柱又Ｘ４Ｙ５ | × 0.40 | 0.79 | | |
| | | 柱Ｙ５ | × 0.21 | 1.22 | | |
| | | 柱 | × 0.17 | 0.69 | | |
| | | 柱又 | × 0.09 | 0.09 | | |
| | | 柱又 | × 0.07 | 0.07 | | |
| | | 柱Ｙ６ | × 0.10 | 0.90 | 101.91(80.20) | 109.69(87.46) |
| 又X14又Ｙ４ | 1 | 床(2階床 | 1.35 × 1.40 | 1.88 | | |
| | | 床積載 | 1.35 × 1.80 | 2.42 | | |
| | | 内壁 | 2.28 × 0.54 | 1.23 | | |
| | | 床(2階床 | 0.53 × 1.40 | 0.75 | | |
| | | 床積載 | 0.53 × 1.80 | 0.96 | | |
| | | 柱又X14又Ｙ４ | × 0.87 | 5.50 | | |
| | | 柱又X14又 | × 0.15 | 0.15 | | |
| | | 内壁 | 2.18 × 0.54 | 1.18 | | |
| | | 床(2階床 | 0.46 × 1.40 | 0.65 | | |
| | | 床積載 | 0.46 × 1.80 | 0.83 | 15.55(13.21) | 15.55(13.21) |
| 又X14又Ｙ４ | 2 | 内壁 | 0.63 × 0.54 | 0.34 | | |
| | | 屋根4 | 2.22 × 0.53 | 1.18 | | |
| | | 屋根5 | 0.42 × 0.54 | 0.23 | | |
| | | 内壁 | 1.85 × 0.54 | 1.00 | | |
| | | 屋根4 | 3.68 × 0.53 | 1.96 | | |
| | | 屋根5 | 1.80 × 0.54 | 0.97 | | |
| | | 内壁 | 1.16 × 0.54 | 0.63 | 6.30(6.30) | 6.30(6.30) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X18又Y４ | 1 | 内壁 | 0.89 × 0.54 | 0.48 | | |
| | | 床(2階床 | 0.43 × 1.40 | 0.60 | | |
| | | 床積載 | 0.43 × 1.80 | 0.78 | | |
| | | 内壁 | 2.72 × 0.54 | 1.47 | | |
| | | 床(2階床 | 1.92 × 1.43 | 2.73 | | |
| | | 床積載 | 1.92 × 1.80 | 3.45 | | |
| | | 柱又X18又Y５ | × 0.04 | 0.20 | | |
| | | 柱又X17又 | × 0.02 | 0.09 | | |
| | | 柱又X19又Y５ | × 0.03 | 0.04 | | |
| | | 内壁 | 2.80 × 0.54 | 1.51 | | |
| | | 床(2階床 | 1.88 × 1.43 | 2.70 | | |
| | | 床積載 | 1.88 × 1.80 | 3.39 | | |
| | | 柱又X18又 | × 0.38 | 1.24 | | |
| | | 柱又X20又 | × 0.13 | 0.26 | 18.94(14.71) | 18.94(14.71) |
| 又X９又Y４ | 1 | 内壁 | 0.60 × 0.54 | 0.32 | | |
| | | 床(2階床 | 0.35 × 1.40 | 0.49 | | |
| | | 床積載 | 0.35 × 1.80 | 0.63 | | |
| | | 内壁 | 1.00 × 0.54 | 0.54 | | |
| | | 床(2階床 | 2.32 × 1.47 | 3.42 | | |
| | | 床積載 | 2.32 × 1.80 | 4.18 | 9.59(6.92) | 9.59(6.92) |
| 又X12又Y４ | 2 | 内壁 | 0.36 × 0.54 | 0.20 | | |
| | | 内壁 | 0.63 × 0.54 | 0.34 | 0.53(0.53) | 0.53(0.53) |
| 又X13又Y４ | 1 | 内壁 | 1.56 × 0.54 | 0.84 | | |
| | | 床(2階床 | 0.33 × 1.40 | 0.46 | | |
| | | 床積載 | 0.33 × 1.80 | 0.60 | | |
| | | 内壁 | 1.66 × 0.54 | 0.90 | | |
| | | 床(2階床 | 0.26 × 1.40 | 0.36 | | |
| | | 床積載 | 0.26 × 1.80 | 0.47 | | |
| | | 柱又X14又Y４ | × 0.13 | 0.80 | | |
| | | 柱又X14又 | × 0.02 | 0.02 | 4.45(3.86) | 4.45(3.86) |
| 又X21又Y４ | 2 | 屋根4 | 2.31 × 0.53 | 1.23 | | |
| | | 軒先4 | 0.71 × 0.46 | 0.33 | | |
| | | 外壁 | 1.98 × 0.70 | 1.39 | | |
| | | 屋根4 | 0.40 × 0.53 | 0.21 | | |
| | | 外壁 | 1.81 × 0.70 | 1.27 | 4.42(4.42) | 4.42(4.42) |
| | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.16 | | |
| | | 床積載 | 0.11 × 1.80 | 0.20 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 0.59 × 1.40 | 0.83 | | |
| | | 床積載 | 0.59 × 1.80 | 1.07 | 5.71(5.01) | 10.14(9.43) |
| Ｘ２又Y４ | 2 | 床(小屋裏収納 | 0.17 × 0.59 | 0.10 | | |
| | | 床積載 | 0.17 × 1.30 | 0.22 | | |
| | | 内壁 | 0.38 × 0.54 | 0.20 | | |
| | | 床(小屋裏収納 | 0.63 × 0.59 | 0.37 | | |
| | | 床積載 | 0.63 × 1.30 | 0.82 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.20 × 0.59 | 0.12 | | |
| | | 床積載 | 0.20 × 1.30 | 0.26 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 2.51(1.81) | 2.51(1.81) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ３又Ｙ４ | 2 | 内壁 | 0.63 × 0.54 | 0.34 | | |
| | | 床(小屋裏収納 | 0.17 × 0.59 | 0.10 | | |
| | | 床積載 | 0.17 × 1.30 | 0.22 | | |
| | | 内壁 | 1.65 × 0.54 | 0.89 | | |
| | | 床(小屋裏収納 | 0.96 × 0.59 | 0.56 | | |
| | | 床積載 | 0.96 × 1.30 | 1.24 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.20 × 0.59 | 0.12 | | |
| | | 床積載 | 0.20 × 1.30 | 0.26 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 4.15(3.22) | 4.15(3.22) |
| 又X16又Ｙ４ | 2 | 屋根4 | 2.30 × 0.53 | 1.22 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 内壁 | 1.00 × 0.54 | 0.54 | | |
| | | 屋根4 | 1.55 × 0.53 | 0.82 | | |
| | | 内壁 | 1.90 × 0.54 | 1.03 | 4.31(4.31) | 4.31(4.31) |
| | 1 | 内壁 | 3.04 × 0.54 | 1.64 | | |
| | | 床(2階床 | 0.53 × 1.40 | 0.74 | | |
| | | 床積載 | 0.53 × 1.80 | 0.95 | | |
| | | 柱又X17又 | × 0.57 | 2.74 | | |
| | | 内壁 | 2.72 × 0.54 | 1.47 | | |
| | | 床(2階床 | 1.84 × 1.42 | 2.62 | | |
| | | 床積載 | 1.84 × 1.80 | 3.32 | | |
| | | 柱又X15又 | × 0.12 | 0.42 | | |
| | | 柱又X18又Ｙ５ | × 0.09 | 0.40 | | |
| | | 柱又X17又 | × 0.04 | 0.18 | | |
| | | 柱又X19又Ｙ５ | × 0.06 | 0.09 | | |
| | | 内壁 | 2.89 × 0.54 | 1.56 | | |
| | | 床(2階床 | 1.72 × 1.43 | 2.45 | | |
| | | 床積載 | 1.72 × 1.80 | 3.09 | | |
| | | 柱又X18又Ｙ５ | × 0.09 | 0.40 | | |
| | | 柱又X17又 | × 0.04 | 0.18 | | |
| | | 柱又X19又Ｙ５ | × 0.06 | 0.09 | 22.34(18.25) | 26.65(22.56) |
| 又X12又 | 1 | 内壁 | 4.68 × 0.54 | 2.53 | | |
| | | 床(2階床 | 2.34 × 1.41 | 3.30 | | |
| | | 床積載 | 2.34 × 1.80 | 4.22 | | |
| | | 柱又X12又 | × 0.95 | 6.81 | | |
| | | 柱又X12又Ｙ４ | × 0.17 | 0.09 | | |
| | | 内壁 | 1.56 × 0.54 | 0.84 | | |
| | | 床(2階床 | 0.35 × 1.40 | 0.49 | | |
| | | 床積載 | 0.35 × 1.80 | 0.63 | 18.90(16.21) | 18.90(16.21) |
| 又X12又 | 2 | 内壁 | 0.63 × 0.54 | 0.34 | | |
| | | 屋根4 | 2.65 × 0.54 | 1.43 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | | |
| | | 屋根4 | 4.26 × 0.53 | 2.27 | | |
| | | 屋根5 | 1.34 × 0.54 | 0.72 | | |
| | | 内壁 | 2.56 × 0.54 | 1.38 | 7.17(7.17) | 7.17(7.17) |
| 又Ｘ４又 | 2 | 床(小屋裏収納 | 0.64 × 0.59 | 0.38 | | |
| | | 床積載 | 0.64 × 1.30 | 0.84 | 1.22(0.77) | 1.22(0.77) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ７又 | 1 | 床(2階床 | 1.83 × 1.46 | 2.67 | | |
| | | 床積載 | 1.83 × 1.80 | 3.29 | | |
| | | 内壁 | 11.38 × 0.54 | 6.15 | | |
| | | 床(2階床 | 1.58 × 1.45 | 2.30 | | |
| | | 床積載 | 1.58 × 1.80 | 2.85 | | |
| | | 床(2階ホール | 0.40 × 1.46 | 0.59 | | |
| | | 床積載 | 0.40 × 3.20 | 1.28 | | |
| | | 内壁 | 2.95 × 0.54 | 1.59 | | |
| | | 床(2階床 | 5.16 × 1.44 | 7.43 | | |
| | | 床積載 | 5.16 × 1.80 | 9.29 | | |
| | | 内壁 | 0.19 × 0.54 | 0.10 | | |
| | | 床(2階床 | 0.02 × 1.40 | 0.03 | | |
| | | 床積載 | 0.02 × 1.80 | 0.03 | 37.60(28.57) | 37.60(28.57) |
| 又Ｘ７又 | 2 | 屋根3 | 3.10 × 0.56 | 1.74 | | |
| | | 屋根3 | 2.87 × 0.53 | 1.53 | | |
| | | 屋根2 | 3.14 × 0.55 | 1.74 | | |
| | | 屋根3 | 1.51 × 0.55 | 0.83 | | |
| | | 内壁 | 1.25 × 0.54 | 0.68 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 7.34(7.34) | 7.34(7.34) |
| | 1 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.25 × 1.40 | 0.35 | | |
| | | 床積載 | 0.25 × 1.80 | 0.45 | | |
| | | 内壁 | 0.19 × 0.54 | 0.10 | | |
| | | 床(2階床 | 0.02 × 1.40 | 0.03 | | |
| | | 床積載 | 0.02 × 1.80 | 0.03 | | |
| | | 内壁 | 2.57 × 0.54 | 1.39 | | |
| | | 床(2階床 | 0.49 × 1.40 | 0.69 | | |
| | | 床積載 | 0.49 × 1.80 | 0.89 | 4.33(3.57) | 11.66(10.91) |
| Ｘ８又 | 2 | 内壁 | 1.25 × 0.54 | 0.68 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | 1.38(1.38) | 1.38(1.38) |
| | 1 | 内壁 | 2.46 × 0.54 | 1.33 | | |
| | | 床(2階床 | 1.81 × 1.40 | 2.53 | | |
| | | 床積載 | 1.81 × 1.80 | 3.25 | | |
| | | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 0.31 × 1.40 | 0.44 | | |
| | | 床積載 | 0.31 × 1.80 | 0.56 | | |
| | | 内壁 | 2.57 × 0.54 | 1.39 | | |
| | | 床(2階床 | 0.49 × 1.40 | 0.69 | | |
| | | 床積載 | 0.49 × 1.80 | 0.89 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 12.38(9.62) | 13.76(11.00) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ９又 | 2 | 屋根3 | 1.66 × 0.58 | 0.97 | | |
| | | 軒先3 | 0.31 × 0.46 | 0.14 | | |
| | | 屋根4 | 0.27 × 0.53 | 0.14 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | | |
| | | 屋根2 | 0.87 × 0.59 | 0.52 | | |
| | | 軒先2 | 0.23 × 0.47 | 0.11 | | |
| | | 屋根3 | 0.42 × 0.58 | 0.25 | | |
| | | 軒先3 | 0.11 × 0.46 | 0.05 | | |
| | | 屋根4 | 0.64 × 0.53 | 0.34 | | |
| | | 屋根5 | 0.23 × 0.54 | 0.12 | | |
| | | 外壁 | 0.25 × 0.70 | 0.18 | | |
| | | 内壁 | 1.90 × 0.54 | 1.03 | | |
| | | 外壁 | 1.69 × 0.85 | 1.43 | | |
| | | 軒先3 | 0.13 × 0.46 | 0.06 | | |
| | | 屋根4 | 0.57 × 0.58 | 0.33 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 外壁 | 0.91 × 0.85 | 0.77 | 7.74(7.74) | 7.74(7.74) |
| | 1 | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | | |
| | | 内壁 | 1.38 × 0.54 | 0.74 | | |
| | | 床(2階床 | 0.78 × 1.44 | 1.12 | | |
| | | 床積載 | 0.78 × 1.80 | 1.40 | | |
| | | 内壁 | 1.71 × 0.54 | 0.92 | | |
| | | 床(2階床 | 0.55 × 1.40 | 0.76 | | |
| | | 床積載 | 0.55 × 1.80 | 0.98 | 6.41(4.94) | 14.15(12.68) |
| ＸＯ又 | 2 | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.18 × 0.59 | 0.10 | | |
| | | 床積載 | 0.18 × 1.30 | 0.23 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(小屋裏収納 | 0.76 × 0.59 | 0.45 | | |
| | | 床積載 | 0.76 × 1.30 | 0.99 | | |
| | | 屋根3 | 1.79 × 0.58 | 1.04 | | |
| | | 軒先3 | 0.32 × 0.46 | 0.15 | | |
| | | 外壁 | 3.67 × 0.70 | 2.57 | | |
| | | 床(小屋裏収納 | 0.80 × 0.59 | 0.47 | | |
| | | 床積載 | 0.80 × 1.30 | 1.04 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 8.31(7.10) | 8.31(7.10) |
| | 1 | 外壁 | 1.81 × 0.70 | 1.27 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 1.80 | 0.20 | | |
| | | 外壁 | 1.62 × 0.70 | 1.13 | | |
| | | 床(2階床 | 0.17 × 1.40 | 0.23 | | |
| | | 床積載 | 0.17 × 1.80 | 0.30 | | |
| | | 内壁 | 0.23 × 0.54 | 0.13 | | |
| | | 床(2階床 | 1.60 × 1.44 | 2.31 | | |
| | | 床積載 | 1.60 × 1.80 | 2.88 | | |
| | | 柱Ｘ２又Ｙ４ | × 0.14 | 0.34 | | |
| | | 内壁 | 0.77 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.03 × 1.40 | 0.05 | | |
| | | 床積載 | 0.03 × 1.80 | 0.06 | | |
| | | 外壁 | 0.96 × 0.70 | 0.67 | | |
| | | 床(2階床 | 0.14 × 1.40 | 0.19 | | |
| | | 床積載 | 0.14 × 1.80 | 0.25 | | |
| | | 外壁 | 0.56 × 0.70 | 0.39 | 10.97(8.82) | 19.28(15.92) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X１又 | 2 | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.18 × 0.59 | 0.10 | | |
| | | 床積載 | 0.18 × 1.30 | 0.23 | | |
| | | 内壁 | 1.24 × 0.54 | 0.67 | | |
| | | 床(小屋裏収納 | 0.34 × 0.59 | 0.20 | | |
| | | 床積載 | 0.34 × 1.30 | 0.44 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 2.05(1.69) | 2.05(1.69) |
| | 1 | 内壁 | 0.96 × 0.54 | 0.52 | | |
| | | 床(2階床 | 1.02 × 1.40 | 1.43 | | |
| | | 床積載 | 1.02 × 1.80 | 1.83 | | |
| | | 内壁 | 1.24 × 0.54 | 0.67 | 4.45(3.43) | 6.50(5.12) |
| 又又 | 2 | 内壁 | 1.24 × 0.54 | 0.67 | | |
| | | 床(小屋裏収納 | 0.34 × 0.59 | 0.20 | | |
| | | 床積載 | 0.34 × 1.30 | 0.44 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.18 × 0.59 | 0.10 | | |
| | | 床積載 | 0.18 × 1.30 | 0.23 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 2.05(1.69) | 2.05(1.69) |
| | 1 | 内壁 | 1.24 × 0.54 | 0.67 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 1.08(1.08) | 3.13(2.77) |
| X２又 | 2 | 内壁 | 0.38 × 0.54 | 0.20 | | |
| | | 床(小屋裏収納 | 0.38 × 0.59 | 0.22 | | |
| | | 床積載 | 0.38 × 1.30 | 0.49 | | |
| | | 屋根3 | 2.88 × 0.58 | 1.68 | | |
| | | 内壁 | 1.28 × 0.54 | 0.69 | | |
| | | 床(小屋裏収納 | 1.13 × 0.59 | 0.66 | | |
| | | 床積載 | 1.13 × 1.30 | 1.46 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.18 × 0.59 | 0.10 | | |
| | | 床積載 | 0.18 × 1.30 | 0.23 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 6.16(4.99) | 6.16(4.99) |
| | 1 | 内壁 | 0.52 × 0.54 | 0.28 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.13 | | |
| | | 床積載 | 0.10 × 1.80 | 0.17 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 1.00(0.90) | 7.16(5.89) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ３又 | 1 | 床(2階床 | 0.22 × 1.40 | 0.31 | | |
| | | 床積載 | 0.22 × 1.80 | 0.40 | | |
| | | 内壁 | 20.34 × 0.54 | 10.98 | | |
| | | 床(2階床 | 10.63 × 1.42 | 15.09 | | |
| | | 床積載 | 10.63 × 1.80 | 19.13 | | |
| | | 柱Ｘ３又 | × 0.43 | 4.10 | | |
| | | 柱Ｘ３ | × 0.77 | 5.70 | | |
| | | 柱Ｘ３Ｙ６ | × 0.23 | 2.62 | | |
| | | 柱又Ｘ１Ｙ５ | × 0.01 | 0.02 | | |
| | | 柱又Ｙ５ | × 0.29 | 1.23 | | |
| | | 柱Ｘ２Ｙ５ | × 0.46 | 1.19 | | |
| | | 柱Ｘ２ | × 0.56 | 4.23 | | |
| | | 柱 | × 0.59 | 3.60 | | |
| | | 柱又Ｘ４又 | × 0.17 | 0.21 | | |
| | | 柱又Ｘ４又 | × 0.15 | 0.34 | | |
| | | 柱 | × 0.51 | 1.57 | | |
| | | 柱又Ｘ４又 | × 0.13 | 0.29 | | |
| | | 柱又Ｘ４Ｙ５ | × 0.21 | 0.41 | | |
| | | 柱Ｙ５ | × 0.42 | 2.46 | | |
| | | 柱 | × 0.33 | 1.31 | | |
| | | 柱又 | × 0.16 | 0.18 | | |
| | | 柱又 | × 0.12 | 0.13 | | |
| | | 柱Ｙ６ | × 0.15 | 1.31 | | |
| | | 内壁 | 0.85 × 0.54 | 0.46 | | |
| | | 床(2階床 | 1.56 × 1.44 | 2.25 | | |
| | | 床積載 | 1.56 × 1.80 | 2.80 | | |
| | | 柱Ｘ２又Ｙ４ | × 0.49 | 1.23 | | |
| | | 内壁 | 3.16 × 0.54 | 1.70 | | |
| | | 床(2階床 | 0.41 × 1.40 | 0.57 | | |
| | | 床積載 | 0.41 × 1.80 | 0.73 | | |
| | | 柱Ｘ３又Ｙ４ | × 0.63 | 2.60 | | |
| | | 内壁 | 0.53 × 0.54 | 0.28 | 89.44(68.39) | 89.44(68.39) |
| 又X10又 | 1 | 内壁 | 2.20 × 0.54 | 1.19 | | |
| | | 床(2階床 | 2.23 × 1.50 | 3.34 | | |
| | | 床積載 | 2.23 × 1.80 | 4.01 | | |
| | | 柱又X12又Ｙ４ | × 0.54 | 0.29 | | |
| | | 柱又X14又 | × 0.31 | 0.30 | | |
| | | 内壁 | 1.00 × 0.54 | 0.54 | | |
| | | 床(2階床 | 1.11 × 1.44 | 1.59 | | |
| | | 床積載 | 1.11 × 1.80 | 1.99 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.38 × 1.40 | 0.53 | | |
| | | 床積載 | 0.38 × 1.80 | 0.68 | 14.88(11.17) | 14.88(11.17) |
| 又X21又 | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.11 × 1.40 | 0.16 | | |
| | | 床積載 | 0.11 × 1.80 | 0.20 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | 3.15(2.89) | 3.15(2.89) |
| 又X15又 | 2 | 屋根4 | 1.24 × 0.53 | 0.66 | | |
| | | 屋根4 | 2.29 × 0.53 | 1.22 | | |
| | | 内壁 | 2.04 × 0.54 | 1.10 | | |
| | | 内壁 | 1.00 × 0.54 | 0.54 | 3.51(3.51) | 3.51(3.51) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X15又 | 1 | 内壁 | 3.97 × 0.54 | 2.15 | | |
| | | 床(2階床 | 3.08 × 1.43 | 4.41 | | |
| | | 床積載 | 3.08 × 1.80 | 5.54 | | |
| | | 柱又X16又 | × 0.06 | 0.04 | | |
| | | 内壁 | 2.53 × 0.54 | 1.37 | | |
| | | 床(2階床 | 1.90 × 1.43 | 2.71 | | |
| | | 床積載 | 1.90 × 1.80 | 3.41 | | |
| | | 柱又X15又 | × 0.88 | 3.09 | | |
| | | 柱又X18又Ｙ５ | × 0.04 | 0.20 | | |
| | | 柱又X17又 | × 0.02 | 0.09 | | |
| | | 柱又X19又Ｙ５ | × 0.03 | 0.04 | | |
| | | 床(2階床 | 1.35 × 1.40 | 1.88 | | |
| | | 床積載 | 1.35 × 1.80 | 2.42 | 27.35(21.03) | 27.35(21.03) |
| | 2 | 屋根3 | 3.74 × 0.58 | 2.19 | | |
| | | 床(小屋裏収納 | 0.30 × 0.59 | 0.17 | | |
| | | 床積載 | 0.30 × 1.30 | 0.38 | | |
| | | 内壁 | 1.26 × 0.54 | 0.68 | | |
| | | 床(小屋裏収納 | 0.83 × 0.59 | 0.49 | | |
| | | 床積載 | 0.83 × 1.30 | 1.08 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.34 × 0.59 | 0.20 | | |
| | | 床積載 | 0.34 × 1.30 | 0.44 | 6.06(5.03) | 6.06(5.03) |
| Ｘ５ | 2 | 屋根3 | 1.91 × 0.58 | 1.12 | | |
| | | 屋根3 | 2.59 × 0.53 | 1.38 | | |
| | | 内壁 | 0.86 × 0.54 | 0.46 | | |
| | | 床(小屋裏収納 | 0.48 × 0.59 | 0.28 | | |
| | | 床積載 | 0.48 × 1.30 | 0.62 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | | |
| | | 屋根3 | 2.00 × 0.53 | 1.07 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(小屋裏収納 | 0.48 × 0.59 | 0.28 | | |
| | | 床積載 | 0.48 × 1.30 | 0.62 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | 8.44(7.77) | 8.44(7.77) |
| 又Ｘ７又 | 1 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.25 × 1.40 | 0.35 | | |
| | | 床積載 | 0.25 × 1.80 | 0.45 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.25 × 1.40 | 0.35 | | |
| | | 床積載 | 0.25 × 1.80 | 0.45 | 2.41(1.91) | 2.41(1.91) |
| Ｘ８又 | 1 | 内壁 | 1.16 × 0.54 | 0.63 | | |
| | | 床(2階床 | 0.39 × 1.40 | 0.54 | | |
| | | 床積載 | 0.39 × 1.80 | 0.70 | | |
| | | 内壁 | 1.54 × 0.54 | 0.83 | | |
| | | 床(2階床 | 0.34 × 1.40 | 0.47 | | |
| | | 床積載 | 0.34 × 1.80 | 0.61 | | |
| | | 柱Ｘ８又 | × 0.30 | 0.24 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 4.45(3.73) | 4.45(3.73) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X10又 | 1 | 床(2階床 | 0.43 × 1.40 | 0.61 | | |
| | | 床積載 | 0.43 × 1.80 | 0.78 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.37 × 1.40 | 0.53 | | |
| | | 床積載 | 0.37 × 1.80 | 0.68 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 0.57 × 1.40 | 0.80 | | |
| | | 床積載 | 0.57 × 1.80 | 1.03 | | |
| | | 柱又X10又 | × 0.90 | 3.59 | | |
| | | 内壁 | 3.93 × 0.54 | 2.12 | | |
| | | 床(2階床 | 0.89 × 1.41 | 1.25 | | |
| | | 床積載 | 0.89 × 1.80 | 1.60 | | |
| | | 柱又X12又 | × 0.05 | 0.36 | | |
| | | 柱又X12又Y４ | × 0.01 | 0.00 | 15.04(12.77) | 15.04(12.77) |
| 又X10又 | 2 | 屋根4 | 0.46 × 0.53 | 0.25 | | |
| | | 内壁 | 1.32 × 0.54 | 0.71 | | |
| | | 屋根4 | 3.69 × 0.54 | 1.99 | | |
| | | 内壁 | 1.92 × 0.54 | 1.04 | 3.98(3.98) | 3.98(3.98) |
| 又X22又 | 2 | 屋根4 | 2.28 × 0.53 | 1.21 | | |
| | | 外壁 | 1.81 × 0.70 | 1.27 | | |
| | | 外壁 | 0.38 × 0.70 | 0.26 | 2.75(2.75) | 2.75(2.75) |
| | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.27 | | |
| | | 外壁 | 2.37 × 0.70 | 1.66 | | |
| | | 内壁 | 0.53 × 0.54 | 0.29 | | |
| | | 床(2階床 | 0.36 × 1.40 | 0.51 | | |
| | | 床積載 | 0.36 × 1.80 | 0.65 | | |
| | | 柱又X22又 | × 0.69 | 1.16 | 5.90(5.38) | 8.64(8.13) |
| 又X17又 | 2 | 屋根4 | 3.07 × 0.53 | 1.63 | | |
| | | 屋根4 | 1.89 × 0.53 | 1.00 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 屋根4 | 0.94 × 0.53 | 0.50 | | |
| | | 内壁 | 1.75 × 0.54 | 0.94 | 4.78(4.78) | 4.78(4.78) |
| 又X４又 | 2 | 床(小屋裏収納 | 0.64 × 0.59 | 0.38 | | |
| | | 床積載 | 0.64 × 1.30 | 0.84 | | |
| | | 床(小屋裏収納 | 0.56 × 0.59 | 0.33 | | |
| | | 床積載 | 0.56 × 1.30 | 0.73 | 2.28(1.44) | 2.28(1.44) |
| 又X22又 | 2 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 外壁 | 0.38 × 0.70 | 0.26 | | |
| | | 外壁 | 0.83 × 0.70 | 0.58 | 1.66(1.66) | 1.66(1.66) |
| X８又 | 2 | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 内壁 | 0.23 × 0.54 | 0.12 | 0.82(0.82) | 0.82(0.82) |
| 又X13又 | 2 | 屋根4 | 3.07 × 0.53 | 1.63 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根4 | 0.78 × 0.53 | 0.41 | | |
| | | 内壁 | 2.04 × 0.54 | 1.10 | 4.66(4.66) | 4.66(4.66) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X13又 | 1 | 床(2階床 | 1.74 × 1.42 | 2.47 | | |
| | | 床積載 | 1.74 × 1.80 | 3.13 | | |
| | | 内壁 | 4.01 × 0.54 | 2.17 | | |
| | | 床(2階床 | 2.32 × 1.43 | 3.32 | | |
| | | 床積載 | 2.32 × 1.80 | 4.18 | | |
| | | 柱又X16又 | × 0.09 | 0.06 | | |
| | | 内壁 | 1.80 × 0.54 | 0.97 | | |
| | | 床(2階床 | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 1.80 | 0.23 | | |
| | | 床(階段 | 0.33 × 0.30 | 0.10 | | |
| | | 床積載 | 0.33 × 0.65 | 0.21 | | |
| | | 内壁 | 0.78 × 0.54 | 0.42 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 1.80 | 0.08 | | |
| | | 床(階段 | 0.14 × 0.30 | 0.04 | | |
| | | 床積載 | 0.14 × 0.65 | 0.09 | 17.69(13.30) | 22.36(17.96) |
| XO | 2 | 床(小屋裏収納 | 1.29 × 0.59 | 0.76 | | |
| | | 床積載 | 1.29 × 1.30 | 1.68 | | |
| | | 屋根3 | 1.22 × 0.58 | 0.71 | | |
| | | 軒先3 | 0.22 × 0.46 | 0.10 | | |
| | | 外壁 | 2.93 × 0.70 | 2.05 | | |
| | | 床(小屋裏収納 | 0.62 × 0.59 | 0.36 | | |
| | | 床積載 | 0.62 × 1.30 | 0.80 | | |
| | | 外壁 | 0.87 × 0.70 | 0.61 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | 7.28(5.87) | 7.28(5.87) |
| | 1 | 外壁 | 1.81 × 0.70 | 1.27 | | |
| | | 床(2階床 | 0.08 × 1.40 | 0.11 | | |
| | | 床積載 | 0.08 × 1.80 | 0.14 | | |
| | | 外壁 | 1.08 × 0.70 | 0.75 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | | |
| | | 外壁 | 0.96 × 0.70 | 0.67 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.23 | | |
| | | 床積載 | 0.16 × 1.80 | 0.30 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | 4.81(4.27) | 12.09(10.15) |
| X1 | 1 | 内壁 | 0.14 × 0.54 | 0.08 | | |
| | | 床(2階床 | 0.86 × 1.40 | 1.20 | | |
| | | 床積載 | 0.86 × 1.80 | 1.55 | | |
| | | 内壁 | 0.62 × 0.54 | 0.34 | | |
| | | 床(2階床 | 1.31 × 1.40 | 1.83 | | |
| | | 床積載 | 1.31 × 1.80 | 2.35 | | |
| | | 柱X2 | × 0.27 | 2.06 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | 10.69(7.63) | 10.69(7.63) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | P0 | P | ΣP |
|---|---|---|---|---|---|---|
| X2 | 2 | 屋根3 | 1.96 × 0.58 | 1.14 | | |
| | | 内壁 | 1.28 × 0.54 | 0.69 | | |
| | | 床(小屋裏収納 | 0.88 × 0.59 | 0.52 | | |
| | | 床積載 | 0.88 × 1.30 | 1.14 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 床(小屋裏収納 | 1.29 × 0.59 | 0.76 | | |
| | | 床積載 | 1.29 × 1.30 | 1.68 | 7.55(5.74) | 7.55(5.74) |
| X3 | 2 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 内壁 | 1.65 × 0.54 | 0.89 | | |
| | | 床(小屋裏収納 | 0.75 × 0.59 | 0.45 | | |
| | | 床積載 | 0.75 × 1.30 | 0.98 | | |
| | | 屋根3 | 1.61 × 0.57 | 0.91 | | |
| | | 床(小屋裏収納 | 1.21 × 0.61 | 0.73 | | |
| | | 床積載 | 1.21 × 1.30 | 1.57 | | |
| | | 内壁 | 0.92 × 0.54 | 0.50 | | |
| | | 床(小屋裏収納 | 0.30 × 0.59 | 0.17 | | |
| | | 床積載 | 0.30 × 1.30 | 0.38 | 7.39(5.67) | 7.39(5.67) |
| | 2 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.34 × 0.59 | 0.20 | | |
| | | 床積載 | 0.34 × 1.30 | 0.44 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.31 × 0.59 | 0.18 | | |
| | | 床積載 | 0.31 × 1.30 | 0.40 | | |
| | | 内壁 | 0.92 × 0.54 | 0.50 | | |
| | | 床(小屋裏収納 | 0.30 × 0.59 | 0.17 | | |
| | | 床積載 | 0.30 × 1.30 | 0.38 | 3.11(2.45) | 3.11(2.45) |
| 又X9又 | 1 | 内壁 | 0.61 × 0.54 | 0.33 | | |
| | | 床(2階床 | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 1.80 | 0.09 | | |
| | | 内壁 | 2.34 × 0.54 | 1.26 | | |
| | | 床(2階床 | 0.57 × 1.40 | 0.80 | | |
| | | 床積載 | 0.57 × 1.80 | 1.03 | | |
| | | 柱又X10又 | × 0.10 | 0.39 | 3.97(3.35) | 3.97(3.35) |
| X7又 | 1 | 内壁 | 8.08 × 0.54 | 4.36 | | |
| | | 床(2階床 | 1.40 × 1.44 | 2.01 | | |
| | | 床積載 | 1.40 × 1.80 | 2.52 | | |
| | | 床(2階ホール | 0.27 × 1.46 | 0.39 | | |
| | | 床積載 | 0.27 × 3.20 | 0.85 | | |
| | | 内壁 | 1.38 × 0.54 | 0.75 | | |
| | | 床(2階床 | 0.77 × 1.40 | 1.07 | | |
| | | 床積載 | 0.77 × 1.80 | 1.38 | | |
| | | 内壁 | 0.19 × 0.54 | 0.10 | | |
| | | 床(2階床 | 1.40 | 0.02 | | |
| | | 床積載 | 1.80 | 0.02 | 13.47(11.00) | 13.47(11.00) |
| 又X7又 | 2 | 屋根3 | 3.62 × 0.56 | 2.03 | | |
| | | 屋根3 | 3.34 × 0.53 | 1.78 | | |
| | | 内壁 | 1.25 × 0.54 | 0.68 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 5.31(5.31) | 5.31(5.31) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X７又 | 1 | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | | |
| | | 内壁 | 0.19 × 0.54 | 0.10 | | |
| | | 床(2階床 | 1.40 | 0.02 | | |
| | | 床積載 | 1.80 | 0.02 | | |
| | | 内壁 | 2.57 × 0.54 | 1.39 | | |
| | | 床(2階床 | 0.49 × 1.40 | 0.68 | | |
| | | 床積載 | 0.49 × 1.80 | 0.88 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.25 × 1.40 | 0.35 | | |
| | | 床積載 | 0.25 × 1.80 | 0.45 | 4.61(3.76) | 9.92(9.07) |
| X８又 | 2 | 内壁 | 0.23 × 0.54 | 0.12 | | |
| | | 内壁 | 1.25 × 0.54 | 0.68 | | |
| | | 内壁 | 0.65 × 0.54 | 0.35 | 1.15(1.15) | 1.15(1.15) |
| | 1 | 床(2階床 | 0.66 × 1.40 | 0.93 | | |
| | | 床積載 | 0.66 × 1.80 | 1.20 | | |
| | | 内壁 | 1.33 × 0.54 | 0.72 | | |
| | | 床(2階床 | 0.12 × 1.40 | 0.17 | | |
| | | 床積載 | 0.12 × 1.80 | 0.21 | | |
| | | 内壁 | 2.07 × 0.54 | 1.12 | | |
| | | 床(2階床 | 0.35 × 1.40 | 0.49 | | |
| | | 床積載 | 0.35 × 1.80 | 0.64 | | |
| | | 柱X８又 | × 0.70 | 0.58 | | |
| | | 内壁 | 2.57 × 0.54 | 1.39 | | |
| | | 床(2階床 | 0.49 × 1.40 | 0.68 | | |
| | | 床積載 | 0.49 × 1.80 | 0.88 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 9.21(7.58) | 10.35(8.73) |
| X９又 | 2 | 屋根3 | 1.93 × 0.58 | 1.13 | | |
| | | 軒先3 | 0.37 × 0.46 | 0.17 | | |
| | | 屋根4 | 0.65 × 0.53 | 0.35 | | |
| | | 内壁 | 0.65 × 0.54 | 0.35 | | |
| | | 軒先3 | 0.14 × 0.46 | 0.07 | | |
| | | 屋根4 | 0.62 × 0.58 | 0.36 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 外壁 | 0.91 × 0.85 | 0.77 | | |
| | | 外壁 | 0.79 × 0.85 | 0.67 | | |
| | | 屋根4 | 0.62 × 0.53 | 0.33 | | |
| | | 内壁 | 1.32 × 0.54 | 0.71 | 5.73(5.73) | 5.73(5.73) |
| | 1 | 内壁 | 1.33 × 0.54 | 0.72 | | |
| | | 床(2階床 | 0.12 × 1.40 | 0.17 | | |
| | | 床積載 | 0.12 × 1.80 | 0.21 | | |
| | | 内壁 | 0.61 × 0.54 | 0.33 | | |
| | | 床(2階床 | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 1.80 | 0.09 | | |
| | | 内壁 | 2.62 × 0.54 | 1.42 | | |
| | | 床(2階床 | 0.58 × 1.40 | 0.81 | | |
| | | 床積載 | 0.58 × 1.80 | 1.04 | | |
| | | 床(2階床 | 1.04 × 1.42 | 1.47 | | |
| | | 床積載 | 1.04 × 1.80 | 1.87 | 8.18(6.40) | 13.91(12.13) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X13又 | 1 | 内壁 | 0.78 × 0.54 | 0.42 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 1.80 | 0.08 | | |
| | | 床(階段 | 0.14 × 0.30 | 0.04 | | |
| | | 床積載 | 0.14 × 0.65 | 0.09 | | |
| | | 内壁 | 1.02 × 0.54 | 0.55 | | |
| | | 床(2階床 | 0.07 × 1.40 | 0.10 | | |
| | | 床積載 | 0.07 × 1.80 | 0.13 | | |
| | | 床(階段 | 0.18 × 0.30 | 0.05 | | |
| | | 床積載 | 0.18 × 0.65 | 0.12 | 1.65(1.42) | 1.65(1.42) |
| 又X12又 | 1 | 内壁 | 4.26 × 0.54 | 2.30 | | |
| | | 床(2階床 | 0.58 × 1.40 | 0.81 | | |
| | | 床積載 | 0.58 × 1.80 | 1.04 | | |
| | | 床(階段 | 0.77 × 0.30 | 0.23 | | |
| | | 床積載 | 0.77 × 0.65 | 0.50 | | |
| | | 柱又X11又 | × 0.69 | 2.20 | | |
| | | 内壁 | 1.80 × 0.54 | 0.97 | | |
| | | 床(2階床 | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 1.80 | 0.23 | | |
| | | 床(階段 | 0.33 × 0.30 | 0.10 | | |
| | | 床積載 | 0.33 × 0.65 | 0.21 | 8.75(7.67) | 8.75(7.67) |
| 又又 | 2 | 外壁 | 0.83 × 0.70 | 0.58 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | 1.75(1.75) | 1.75(1.75) |
| | 1 | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 内壁 | 0.41 × 0.54 | 0.22 | | |
| | | 床(2階床 | 0.83 × 1.43 | 1.19 | | |
| | | 床積載 | 0.83 × 1.80 | 1.49 | | |
| | | 外壁 | 2.37 × 0.70 | 1.66 | | |
| | | 内壁 | 0.23 × 0.54 | 0.13 | | |
| | | 床(2階床 | 0.26 × 1.40 | 0.36 | | |
| | | 床積載 | 0.26 × 1.80 | 0.46 | | |
| | | 柱又X22又 | × 0.31 | 0.51 | 7.75(6.67) | 9.50(8.41) |
| 又X20又 | 2 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 2.05(2.05) | 2.05(2.05) |
| 又X13又 | 1 | 床(2階床 | 0.47 × 1.40 | 0.66 | | |
| | | 床積載 | 0.47 × 1.80 | 0.85 | | |
| | | 内壁 | 1.02 × 0.54 | 0.55 | | |
| | | 床(2階床 | 0.07 × 1.40 | 0.10 | | |
| | | 床積載 | 0.07 × 1.80 | 0.13 | | |
| | | 床(階段 | 0.18 × 0.30 | 0.05 | | |
| | | 床積載 | 0.18 × 0.65 | 0.12 | | |
| | | 内壁 | 0.86 × 0.54 | 0.46 | | |
| | | 床(2階床 | 0.02 × 1.40 | 0.02 | | |
| | | 床積載 | 0.02 × 1.80 | 0.03 | | |
| | | 床(階段 | 0.15 × 0.30 | 0.05 | | |
| | | 床積載 | 0.15 × 0.65 | 0.10 | 3.14(2.46) | 3.14(2.46) |
| 又X11又 | 2 | 屋根4 | 2.98 × 0.53 | 1.59 | | |
| | | 内壁 | 1.44 × 0.54 | 0.78 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | 3.18(3.18) | 3.18(3.18) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯＹ５ | 2 | 屋根3 | 1.56 × 0.53 | 0.83 | | |
| | | 軒先3 | 0.48 × 0.46 | 0.22 | | |
| | | 外壁 | 2.96 × 0.70 | 2.07 | | |
| | | 外壁 | 0.81 × 0.70 | 0.57 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.31 × 0.59 | 0.18 | | |
| | | 床積載 | 0.31 × 1.30 | 0.40 | | |
| | | 外壁 | 0.87 × 0.70 | 0.61 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 5.69(5.33) | 5.69(5.33) |
| | 1 | 外壁 | 2.15 × 0.70 | 1.51 | | |
| | | 柱ＸＯ | × 0.50 | 3.43 | | |
| | | 外壁 | 1.08 × 0.70 | 0.75 | | |
| | | 内壁 | 0.74 × 0.54 | 0.40 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | | |
| | | 外壁 | 1.14 × 0.70 | 0.80 | | |
| | | 床(2階床 | 0.30 × 1.40 | 0.43 | | |
| | | 床積載 | 0.30 × 1.80 | 0.55 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | 9.21(7.94) | 14.89(13.26) |
| Ｘ１Ｙ５ | 1 | 内壁 | 2.78 × 0.54 | 1.50 | | |
| | | 床(2階床 | 1.31 × 1.40 | 1.83 | | |
| | | 床積載 | 1.31 × 1.80 | 2.35 | | |
| | | 柱又Ｘ１Ｙ５ | × 0.99 | 3.46 | | |
| | | 柱又Ｙ５ | × 0.55 | 2.33 | | |
| | | 柱Ｘ２Ｙ５ | × 0.27 | 0.71 | | |
| | | 床(2階床 | 1.16 × 1.40 | 1.63 | | |
| | | 床積載 | 1.16 × 1.80 | 2.10 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 内壁 | 0.74 × 0.54 | 0.40 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | 17.59(13.48) | 17.59(13.48) |
| 又Ｘ１Ｙ５ | 2 | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.31 × 0.59 | 0.18 | | |
| | | 床積載 | 0.31 × 1.30 | 0.40 | | |
| | | 屋根3 | 0.99 × 0.56 | 0.55 | | |
| | | 内壁 | 1.24 × 0.54 | 0.67 | | |
| | | 床(小屋裏収納 | 0.67 × 0.59 | 0.40 | | |
| | | 床積載 | 0.67 × 1.30 | 0.88 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 3.49(2.80) | 3.49(2.80) |
| 又Ｙ５ | 2 | 屋根3 | 2.37 × 0.56 | 1.33 | | |
| | | 内壁 | 1.24 × 0.54 | 0.67 | | |
| | | 床(小屋裏収納 | 0.67 × 0.59 | 0.40 | | |
| | | 床積載 | 0.67 × 1.30 | 0.88 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.31 × 0.59 | 0.18 | | |
| | | 床積載 | 0.31 × 1.30 | 0.40 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 4.26(3.58) | 4.26(3.58) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ２Ｙ５ | 2 | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.31 × 0.59 | 0.18 | | |
| | | 床積載 | 0.31 × 1.30 | 0.40 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | 2.58(1.93) | 2.58(1.93) |
| Ｙ５ | 2 | 屋根3 | 5.08 × 0.58 | 2.92 | | |
| | | 床(小屋裏収納 | 0.30 × 0.59 | 0.17 | | |
| | | 床積載 | 0.30 × 1.30 | 0.38 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.31 × 0.59 | 0.18 | | |
| | | 床積載 | 0.31 × 1.30 | 0.40 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 床(小屋裏収納 | 0.32 × 0.59 | 0.19 | | |
| | | 床積載 | 0.32 × 1.30 | 0.42 | 5.89(5.10) | 5.89(5.10) |
| 又Ｘ４Ｙ５ | 2 | 床(小屋裏収納 | 0.39 × 0.59 | 0.23 | | |
| | | 床積載 | 0.39 × 1.30 | 0.50 | | |
| | | 床(小屋裏収納 | 0.32 × 0.59 | 0.19 | | |
| | | 床積載 | 0.32 × 1.30 | 0.42 | | |
| | | 床(小屋裏収納 | 0.32 × 0.59 | 0.19 | | |
| | | 床積載 | 0.32 × 1.30 | 0.42 | 1.96(1.23) | 1.96(1.23) |
| Ｘ５Ｙ５ | 2 | 屋根3 | 1.67 × 0.58 | 0.98 | | |
| | | 屋根3 | 0.31 × 0.53 | 0.16 | | |
| | | 内壁 | 0.78 × 0.54 | 0.42 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 小屋裏収納内壁 | 0.46 × 0.98 | 0.45 | | |
| | | 屋根3 | 3.02 × 0.53 | 1.61 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(小屋裏収納 | 0.48 × 0.59 | 0.28 | | |
| | | 床積載 | 0.48 × 1.30 | 0.62 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | | |
| | | 床(小屋裏収納 | 0.32 × 0.59 | 0.19 | | |
| | | 床積載 | 0.32 × 1.30 | 0.42 | 7.04(6.41) | 7.04(6.41) |
| 又X21又Ｙ５ | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 1.31 × 0.54 | 0.71 | | |
| | | 床(2階床 | 1.12 × 1.44 | 1.61 | | |
| | | 床積載 | 1.12 × 1.80 | 2.02 | | |
| | | 柱又X21又Ｙ５ | × 0.50 | 1.95 | | |
| | | 柱又X20又 | × 0.41 | 0.84 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 内壁 | 0.83 × 0.54 | 0.45 | | |
| | | 床(2階床 | 1.51 × 1.43 | 2.17 | | |
| | | 床積載 | 1.51 × 1.80 | 2.72 | 15.34(12.71) | 15.34(12.71) |
| 又X18又Ｙ５ | 2 | 屋根4 | 6.36 × 0.53 | 3.38 | | |
| | | 内壁 | 1.75 × 0.54 | 0.94 | | |
| | | 内壁 | 0.33 × 0.54 | 0.18 | 4.51(4.51) | 4.51(4.51) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X14又Y５ | 2 | 屋根4 | 3.07 × 0.53 | 1.63 | | |
| | | 屋根4 | 0.78 × 0.53 | 0.41 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 屋根4 | 1.45 × 0.53 | 0.77 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | 4.21(4.21) | 4.21(4.21) |
| | 1 | 内壁 | 0.86 × 0.54 | 0.46 | | |
| | | 床(2階床 | 0.02 × 1.40 | 0.02 | | |
| | | 床積載 | 0.02 × 1.80 | 0.03 | | |
| | | 床(階段 | 0.15 × 0.30 | 0.05 | | |
| | | 床積載 | 0.15 × 0.65 | 0.10 | | |
| | | 内壁 | 1.75 × 0.54 | 0.94 | | |
| | | 床(2階床 | 0.14 × 1.40 | 0.20 | | |
| | | 床積載 | 0.14 × 1.80 | 0.26 | | |
| | | 床(階段 | 0.32 × 0.30 | 0.09 | | |
| | | 床積載 | 0.32 × 0.65 | 0.21 | 2.37(2.04) | 6.58(6.25) |
| 又X21又Y５ | 2 | 屋根4 | 1.44 × 0.53 | 0.76 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 屋根4 | 0.72 × 0.53 | 0.38 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | 3.90(3.90) | 3.90(3.90) |
| 又X19又Y５ | 2 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 内壁 | 0.33 × 0.54 | 0.18 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 1.41(1.41) | 1.41(1.41) |
| X10又Y５ | 2 | 屋根4 | 2.22 × 0.53 | 1.18 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 内壁 | 1.44 × 0.54 | 0.78 | 2.65(2.65) | 2.65(2.65) |
| | 1 | 内壁 | 2.30 × 0.54 | 1.24 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | | |
| | | 床(2階ホール | 0.14 × 1.40 | 0.20 | | |
| | | 床積載 | 0.14 × 3.20 | 0.46 | | |
| | | 内壁 | 4.26 × 0.54 | 2.30 | | |
| | | 床(2階床 | 0.42 × 1.40 | 0.59 | | |
| | | 床積載 | 0.42 × 1.80 | 0.76 | | |
| | | 床(階段 | 0.77 × 0.30 | 0.23 | | |
| | | 床積載 | 0.77 × 0.65 | 0.50 | | |
| | | 柱又X11又 | × 0.31 | 0.98 | | |
| | | 内壁 | 1.88 × 0.54 | 1.02 | | |
| | | 床(階段 | 0.34 × 0.30 | 0.10 | | |
| | | 床積載 | 0.34 × 0.65 | 0.22 | | |
| | | 床(2階ホール | 0.33 × 1.40 | 0.46 | | |
| | | 床積載 | 0.33 × 3.20 | 1.05 | 10.73(9.21) | 13.38(11.86) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ７又Ｙ５ | 1 | 内壁 | 0.96 × 0.54 | 0.52 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.21 | | |
| | | 床積載 | 0.15 × 1.80 | 0.28 | | |
| | | 床(2階ホール | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 3.20 | 0.51 | | |
| | | 内壁 | 1.20 × 0.54 | 0.65 | | |
| | | 床(2階ホール | 0.70 × 1.40 | 0.97 | | |
| | | 床積載 | 0.70 × 3.20 | 2.23 | | |
| | | 内壁 | 1.95 × 0.54 | 1.05 | | |
| | | 床(2階床 | 0.24 × 1.40 | 0.34 | | |
| | | 床積載 | 0.24 × 1.80 | 0.43 | | |
| | | 床(2階ホール | 0.19 × 1.40 | 0.26 | | |
| | | 床積載 | 0.19 × 3.20 | 0.60 | | |
| | | 柱又又Ｙ５ | × 0.01 | 0.01 | | |
| | | 柱又Ｘ７又Ｙ５ | × 0.81 | 9.12 | | |
| | | 内壁 | 1.38 × 0.54 | 0.75 | | |
| | | 床(2階床 | 0.67 × 1.40 | 0.94 | | |
| | | 床積載 | 0.67 × 1.80 | 1.21 | 20.30(18.08) | 20.30(18.08) |
| 又Ｘ７又Ｙ５ | 2 | 屋根3 | 3.68 × 0.56 | 2.06 | | |
| | | 屋根3 | 3.40 × 0.53 | 1.81 | | |
| | | 内壁 | 2.02 × 0.54 | 1.09 | | |
| | | 屋根3 | 6.61 × 0.55 | 3.62 | | |
| | | 軒先3 | 0.47 × 0.48 | 0.22 | | |
| | | 外壁 | 1.56 × 0.70 | 1.09 | | |
| | | 外壁 | 1.56 × 0.64 | 0.99 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 11.30(11.30) | 11.30(11.30) |
| 又又Ｙ５ | 2 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | 1.03(1.03) | 1.03(1.03) |
| 又又Ｙ５ | 1 | 内壁 | 1.95 × 0.54 | 1.05 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 床(2階ホール | 0.25 × 1.40 | 0.35 | | |
| | | 床積載 | 0.25 × 3.20 | 0.79 | | |
| | | 柱又又Ｙ５ | × 0.99 | 1.02 | | |
| | | 柱又Ｘ７又Ｙ５ | × 0.19 | 2.18 | | |
| | | 内壁 | 2.32 × 0.54 | 1.25 | | |
| | | 床(2階床 | 0.53 × 1.40 | 0.74 | | |
| | | 床積載 | 0.53 × 1.80 | 0.95 | | |
| | | 床(2階ホール | 0.27 × 1.40 | 0.38 | | |
| | | 床積載 | 0.27 × 3.20 | 0.86 | 10.23(8.93) | 10.23(8.93) |
| Ｘ９又Ｙ５ | 2 | 屋根3 | 1.97 × 0.58 | 1.15 | | |
| | | 軒先3 | 0.52 × 0.46 | 0.24 | | |
| | | 屋根4 | 0.55 × 0.53 | 0.29 | | |
| | | 外壁 | 0.79 × 0.85 | 0.67 | | |
| | | 屋根3 | 1.84 × 0.58 | 1.07 | | |
| | | 軒先3 | 0.65 × 0.47 | 0.31 | | |
| | | 屋根4 | 1.00 × 0.53 | 0.53 | | |
| | | 外壁 | 0.43 × 0.70 | 0.30 | | |
| | | 外壁 | 0.43 × 0.64 | 0.28 | | |
| | | 外壁 | 2.55 × 0.85 | 2.16 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | 7.62(7.62) | 7.62(7.62) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ９又Ｙ５ | 1 | 内壁 | 2.30 × 0.54 | 1.24 | | |
| | | 床(2階床 | 0.12 × 1.40 | 0.17 | | |
| | | 床積載 | 0.12 × 1.80 | 0.21 | | |
| | | 床(2階ホール | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 3.20 | 0.13 | | |
| | | 内壁 | 2.32 × 0.54 | 1.25 | | |
| | | 床(2階床 | 0.41 × 1.40 | 0.58 | | |
| | | 床積載 | 0.41 × 1.80 | 0.74 | | |
| | | 床(2階ホール | 0.27 × 1.40 | 0.38 | | |
| | | 床積載 | 0.27 × 3.20 | 0.86 | | |
| | | 内壁 | 1.21 × 0.54 | 0.65 | | |
| | | 床(2階床 | 0.00 | 0.00 | | |
| | | 床積載 | 0.00 | 0.00 | | |
| | | 床(2階ホール | 0.70 × 1.40 | 0.98 | | |
| | | 床積載 | 0.70 × 3.20 | 2.23 | | |
| | | 床(2階床 | 1.49 × 1.43 | 2.13 | | |
| | | 床積載 | 1.49 × 1.80 | 2.68 | 14.29(11.16) | 21.91(18.78) |
| 又X20又Ｙ５ | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 0.47 × 0.54 | 0.25 | | |
| | | 床(2階床 | 0.87 × 1.43 | 1.25 | | |
| | | 床積載 | 0.87 × 1.80 | 1.56 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 1.31 × 0.54 | 0.71 | | |
| | | 床(2階床 | 1.12 × 1.44 | 1.61 | | |
| | | 床積載 | 1.12 × 1.80 | 2.02 | | |
| | | 柱又X21又Ｙ５ | × 0.50 | 1.95 | | |
| | | 柱又X20又 | × 0.41 | 0.84 | 12.49(10.50) | 12.49(10.50) |
| ＸＯ | 2 | 床(小屋裏収納 | 1.71 × 0.66 | 1.12 | | |
| | | 床積載 | 1.71 × 1.30 | 2.22 | | |
| | | 外壁 | 0.81 × 0.70 | 0.57 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 屋根3 | 1.81 × 0.58 | 1.06 | | |
| | | 軒先3 | 0.20 × 0.46 | 0.09 | | |
| | | 外壁 | 1.99 × 0.70 | 1.39 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | 6.85(5.51) | 6.85(5.51) |
| | 2 | 床(小屋裏収納 | 0.25 × 0.59 | 0.15 | | |
| | | 床積載 | 0.25 × 1.30 | 0.32 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(小屋裏収納 | 0.21 × 0.59 | 0.12 | | |
| | | 床積載 | 0.21 × 1.30 | 0.27 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.08 × 0.59 | 0.05 | | |
| | | 床積載 | 0.08 × 1.30 | 0.10 | | |
| | | 内壁 | 1.75 × 0.54 | 0.95 | | |
| | | 床(小屋裏収納 | 0.75 × 0.59 | 0.44 | | |
| | | 床積載 | 0.75 × 1.30 | 0.97 | 3.98(3.09) | 3.98(3.09) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ５ | 2 | 屋根3 | 4.80 × 0.53 | 2.56 | | |
| | | 内壁 | 1.01 × 0.54 | 0.54 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 小屋裏収納内壁 | 0.46 × 0.98 | 0.45 | | |
| | | 屋根3 | 1.07 × 0.58 | 0.63 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(小屋裏収納 | 0.80 × 0.59 | 0.47 | | |
| | | 床積載 | 0.80 × 1.30 | 1.04 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | | |
| | | 内壁 | 1.75 × 0.54 | 0.95 | | |
| | | 床(小屋裏収納 | 0.75 × 0.59 | 0.44 | | |
| | | 床積載 | 0.75 × 1.30 | 0.97 | 10.00(8.84) | 10.00(8.84) |
| 又X12又 | 1 | 床(階段 | 2.74 × 0.59 | 1.62 | | |
| | | 床積載 | 2.74 × 1.30 | 3.57 | | |
| | | 内壁 | 1.75 × 0.54 | 0.95 | 6.13(4.21) | 6.13(4.21) |
| 又X14又 | 1 | 内壁 | 1.75 × 0.54 | 0.94 | | |
| | | 床(2階床 | 0.14 × 1.40 | 0.20 | | |
| | | 床積載 | 0.14 × 1.80 | 0.26 | | |
| | | 床(階段 | 0.32 × 0.30 | 0.09 | | |
| | | 床積載 | 0.32 × 0.65 | 0.21 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | | |
| | | 床(階段 | 0.16 × 0.30 | 0.05 | | |
| | | 床積載 | 0.16 × 0.65 | 0.11 | 2.67(2.25) | 2.67(2.25) |
| 又X19又 | 1 | 内壁 | 2.46 × 0.54 | 1.33 | | |
| | | 床(2階床 | 1.48 × 1.43 | 2.11 | | |
| | | 床積載 | 1.48 × 1.80 | 2.67 | | |
| | | 柱又X18又Ｙ５ | × 0.37 | 1.66 | | |
| | | 柱又X17又 | × 0.16 | 0.75 | | |
| | | 柱又X19又Ｙ５ | × 0.41 | 0.58 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 0.47 × 0.54 | 0.25 | | |
| | | 床(2階床 | 0.87 × 1.43 | 1.24 | | |
| | | 床積載 | 0.87 × 1.80 | 1.56 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 内壁 | 1.49 × 0.54 | 0.81 | | |
| | | 床(2階床 | 1.36 × 1.43 | 1.94 | | |
| | | 床積載 | 1.36 × 1.80 | 2.45 | | |
| | | 柱又X18又 | × 0.06 | 0.15 | | |
| | | 柱又X19又 | × 0.75 | 2.27 | | |
| | | 柱又X18又Ｙ５ | × 0.18 | 0.83 | | |
| | | 柱又X17又 | × 0.08 | 0.37 | | |
| | | 柱又X19又Ｙ５ | × 0.20 | 0.29 | 24.71(21.00) | 24.71(21.00) |
| Ｘ３又 | 2 | 床(小屋裏収納 | 0.20 × 0.59 | 0.12 | | |
| | | 床積載 | 0.20 × 1.30 | 0.26 | | |
| | | 屋根3 | 1.07 × 0.57 | 0.61 | | |
| | | 床(小屋裏収納 | 2.24 × 0.63 | 1.41 | | |
| | | 床積載 | 2.24 × 1.30 | 2.91 | | |
| | | 内壁 | 0.17 × 0.54 | 0.09 | | |
| | | 床(小屋裏収納 | 2.13 × 0.63 | 1.34 | | |
| | | 床積載 | 2.13 × 1.30 | 2.77 | 9.50(6.30) | 9.50(6.30) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又 | 2 | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.08 × 0.59 | 0.05 | | |
| | | 床積載 | 0.08 × 1.30 | 0.10 | | |
| | | 内壁 | 0.38 × 0.54 | 0.21 | | |
| | | 床(小屋裏収納 | 0.08 × 0.59 | 0.05 | | |
| | | 床積載 | 0.08 × 1.30 | 0.10 | | |
| | | 床(小屋裏収納 | 0.20 × 0.59 | 0.12 | | |
| | | 床積載 | 0.20 × 1.30 | 0.26 | 1.08(0.83) | 1.08(0.83) |
| 又X19又 | 2 | 屋根4 | 0.50 × 0.53 | 0.26 | | |
| | | 軒先4 | 0.06 × 0.46 | 0.03 | | |
| | | 外壁 | 1.11 × 0.70 | 0.78 | | |
| | | 屋根4 | 0.72 × 0.53 | 0.38 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | 3.03(3.03) | 3.03(3.03) |
| 又X15又 | 2 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 屋根4 | 3.71 × 0.53 | 1.97 | | |
| | | 内壁 | 0.88 × 0.54 | 0.47 | 3.96(3.96) | 3.96(3.96) |
| | 1 | 内壁 | 2.96 × 0.54 | 1.60 | | |
| | | 床(2階床 | 0.17 × 1.40 | 0.24 | | |
| | | 床積載 | 0.17 × 1.80 | 0.31 | | |
| | | 床(階段 | 1.10 × 0.30 | 0.32 | | |
| | | 床積載 | 1.10 × 0.65 | 0.71 | | |
| | | 柱又X13又 | × 0.49 | 1.44 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.18 | | |
| | | 床(階段 | 0.16 × 0.30 | 0.05 | | |
| | | 床積載 | 0.16 × 0.65 | 0.11 | | |
| | | 内壁 | 3.50 × 0.54 | 1.89 | | |
| | | 床(2階床 | 1.83 × 1.40 | 2.57 | | |
| | | 床積載 | 1.83 × 1.80 | 3.30 | | |
| | | 柱又X15又 | × 0.43 | 0.81 | | |
| | | 柱又X16又 | × 0.05 | 0.04 | 14.20(11.65) | 18.16(15.61) |
| 又X10又 | 1 | 内壁 | 1.87 × 0.54 | 1.01 | | |
| | | 床(階段 | 0.34 × 0.30 | 0.10 | | |
| | | 床積載 | 0.34 × 0.65 | 0.22 | | |
| | | 床(2階ホール | 0.33 × 1.40 | 0.47 | | |
| | | 床積載 | 0.33 × 3.20 | 1.06 | | |
| | | 内壁 | 0.78 × 0.54 | 0.42 | | |
| | | 床(階段 | 0.14 × 0.30 | 0.04 | | |
| | | 床積載 | 0.14 × 0.65 | 0.09 | | |
| | | 床(2階ホール | 0.23 × 1.40 | 0.32 | | |
| | | 床積載 | 0.23 × 3.20 | 0.73 | 4.46(3.68) | 4.46(3.68) |
| XO | 2 | 床(小屋裏収納 | 1.71 × 0.66 | 1.13 | | |
| | | 床積載 | 1.71 × 1.30 | 2.22 | | |
| | | 屋根3 | 1.81 × 0.58 | 1.06 | | |
| | | 軒先3 | 0.20 × 0.46 | 0.09 | | |
| | | 外壁 | 1.96 × 0.70 | 1.38 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 外壁 | 0.77 × 0.70 | 0.54 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | 6.81(5.47) | 6.81(5.47) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯ | 1 | 外壁 | 2.15 × 0.70 | 1.51 | | |
| | | 柱ＸＯ | × 0.50 | 3.43 | | |
| | | 外壁 | 1.08 × 0.70 | 0.75 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | | |
| | | 外壁 | 1.14 × 0.70 | 0.80 | | |
| | | 床(2階床 | 0.30 × 1.40 | 0.43 | | |
| | | 床積載 | 0.30 × 1.80 | 0.55 | 8.81(7.54) | 15.62(13.00) |
| Ｘ1 | 1 | 床(2階床 | 1.31 × 1.40 | 1.83 | | |
| | | 床積載 | 1.31 × 1.80 | 2.35 | | |
| | | 床(2階床 | 1.16 × 1.40 | 1.63 | | |
| | | 床積載 | 1.16 × 1.80 | 2.10 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | 9.19(6.32) | 9.19(6.32) |
| 又X18又 | 2 | 屋根4 | 0.63 × 0.53 | 0.33 | | |
| | | 軒先4 | 0.08 × 0.46 | 0.04 | | |
| | | 外壁 | 1.40 × 0.70 | 0.98 | | |
| | | 屋根4 | 0.50 × 0.53 | 0.26 | | |
| | | 軒先4 | 0.06 × 0.46 | 0.03 | | |
| | | 外壁 | 1.11 × 0.70 | 0.78 | 2.42(2.42) | 2.42(2.42) |
| 又X10又 | 2 | 屋根4 | 4.55 × 0.53 | 2.42 | | |
| | | 内壁 | 1.29 × 0.54 | 0.70 | | |
| | | 屋根4 | 1.53 × 0.53 | 0.82 | 3.94(3.94) | 3.94(3.94) |
| | 1 | 内壁 | 1.36 × 0.54 | 0.73 | | |
| | | 床(階段 | 0.48 × 0.30 | 0.14 | | |
| | | 床積載 | 0.48 × 0.65 | 0.31 | | |
| | | 床(2階ホール | 0.79 × 1.40 | 1.10 | | |
| | | 床積載 | 0.79 × 3.20 | 2.52 | | |
| | | 内壁 | 0.78 × 0.54 | 0.42 | | |
| | | 床(階段 | 0.14 × 0.30 | 0.04 | | |
| | | 床積載 | 0.14 × 0.65 | 0.09 | | |
| | | 床(2階ホール | 0.30 × 1.40 | 0.42 | | |
| | | 床積載 | 0.30 × 3.20 | 0.95 | | |
| | | 内壁 | 1.75 × 0.54 | 0.95 | 7.67(6.26) | 11.60(10.20) |
| Ｘ７又 | 1 | 内壁 | 1.20 × 0.54 | 0.65 | | |
| | | 床(2階ホール | 1.20 × 1.40 | 1.68 | | |
| | | 床積載 | 1.20 × 3.20 | 3.83 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.76 × 1.40 | 1.07 | | |
| | | 床積載 | 0.76 × 3.20 | 2.44 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 10.09(7.94) | 10.09(7.94) |
| Ｘ９又 | 1 | 内壁 | 1.20 × 0.54 | 0.65 | | |
| | | 床(2階床 | 0.00 | 0.00 | | |
| | | 床積載 | 0.00 | 0.00 | | |
| | | 床(2階ホール | 1.26 × 1.40 | 1.77 | | |
| | | 床積載 | 1.26 × 3.20 | 4.04 | | |
| | | 内壁 | 0.42 × 0.54 | 0.23 | | |
| | | 床(2階ホール | 0.81 × 1.40 | 1.13 | | |
| | | 床積載 | 0.81 × 3.20 | 2.59 | | |
| | | 内壁 | 0.42 × 0.54 | 0.23 | 10.64(8.36) | 10.64(8.36) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X18又 | 1 | 外壁 | 0.82 × 0.70 | 0.58 | | |
| | | 床(2階床 | 0.23 × 1.40 | 0.32 | | |
| | | 床積載 | 0.23 × 1.80 | 0.41 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 内壁 | 1.11 × 0.54 | 0.60 | | |
| | | 床(2階床 | 2.15 × 1.43 | 3.07 | | |
| | | 床積載 | 2.15 × 1.80 | 3.86 | | |
| | | 柱又X18又 | × 0.94 | 2.28 | | |
| | | 柱又X19又 | × 0.25 | 0.76 | | |
| | | 柱又X18又Ｙ５ | × 0.18 | 0.83 | | |
| | | 柱又X17又 | × 0.08 | 0.37 | | |
| | | 柱又X19又Ｙ５ | × 0.20 | 0.29 | 15.66(13.29) | 15.66(13.29) |
| 又X16又 | 2 | 内壁 | 0.67 × 0.54 | 0.36 | | |
| | | 内壁 | 0.67 × 0.54 | 0.36 | 0.72(0.72) | 0.72(0.72) |
| 又X17又 | 1 | 床(2階床 | 1.37 × 1.46 | 1.99 | | |
| | | 床積載 | 1.37 × 1.80 | 2.46 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.44 × 1.40 | 0.61 | | |
| | | 床積載 | 0.44 × 1.80 | 0.79 | | |
| | | 外壁 | 0.82 × 0.70 | 0.58 | | |
| | | 床(2階床 | 0.23 × 1.40 | 0.32 | | |
| | | 床積載 | 0.23 × 1.80 | 0.41 | 8.31(6.28) | 8.31(6.28) |
| 又X15又 | 2 | 内壁 | 0.67 × 0.54 | 0.36 | | |
| | | 屋根4 | 1.28 × 0.53 | 0.68 | | |
| | | 内壁 | 0.88 × 0.54 | 0.47 | | |
| | | 内壁 | 0.67 × 0.54 | 0.36 | 1.88(1.88) | 1.88(1.88) |
| 又X13又 | 2 | 内壁 | 1.44 × 0.54 | 0.78 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 屋根4 | 2.57 × 0.53 | 1.37 | 2.96(2.96) | 2.96(2.96) |
| ＸＯＹ６ | 2 | 屋根3 | 4.23 × 0.58 | 2.47 | | |
| | | 軒先3 | 0.48 × 0.46 | 0.22 | | |
| | | 外壁 | 2.58 × 0.70 | 1.80 | | |
| | | 外壁 | 1.43 × 0.70 | 1.00 | | |
| | | 床(小屋裏収納 | 1.06 × 0.65 | 0.69 | | |
| | | 床積載 | 1.06 × 1.30 | 1.38 | | |
| | | 外壁 | 0.77 × 0.70 | 0.54 | | |
| | | 床(小屋裏収納 | 0.10 × 0.59 | 0.06 | | |
| | | 床積載 | 0.10 × 1.30 | 0.13 | | |
| | | 床(小屋裏収納 | 1.71 × 0.66 | 1.13 | | |
| | | 床積載 | 1.71 × 1.30 | 2.22 | 11.64(9.63) | 11.64(9.63) |
| | 1 | 外壁 | 1.08 × 0.70 | 0.75 | | |
| | | 外壁 | 2.15 × 0.70 | 1.51 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | | |
| | | 外壁 | 1.14 × 0.70 | 0.80 | | |
| | | 床(2階床 | 0.30 × 1.40 | 0.43 | | |
| | | 床積載 | 0.30 × 1.80 | 0.55 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 床(2階床 | 0.10 × 1.40 | 0.14 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | 5.38(4.78) | 17.03(14.41) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ１Ｙ６ | 1 | 床(2階床 | 1.31 × 1.40 | 1.83 | | |
| | | 床積載 | 1.31 × 1.80 | 2.35 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 床(2階床 | 1.16 × 1.40 | 1.63 | | |
| | | 床積載 | 1.16 × 1.80 | 2.10 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.27 | | |
| | | 床積載 | 0.19 × 1.80 | 0.35 | 9.19(6.32) | 9.19(6.32) |
| Ｘ３Ｙ６ | 2 | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(小屋裏収納 | 1.89 × 0.62 | 1.18 | | |
| | | 床積載 | 1.89 × 1.30 | 2.46 | | |
| | | 内壁 | 0.08 × 0.54 | 0.04 | | |
| | | 床(小屋裏収納 | 1.23 × 0.62 | 0.77 | | |
| | | 床積載 | 1.23 × 1.30 | 1.60 | | |
| | | 床(小屋裏収納 | 1.71 × 0.66 | 1.13 | | |
| | | 床積載 | 1.71 × 1.30 | 2.22 | | |
| | | 内壁 | 0.92 × 0.54 | 0.50 | | |
| | | 床(小屋裏収納 | 0.40 × 0.59 | 0.24 | | |
| | | 床積載 | 0.40 × 1.30 | 0.52 | 11.48(7.81) | 11.48(7.81) |
| Ｙ６ | 2 | 屋根3 | 8.43 × 0.58 | 4.93 | | |
| | | 内壁 | 0.92 × 0.54 | 0.50 | | |
| | | 床(小屋裏収納 | 0.40 × 0.59 | 0.24 | | |
| | | 床積載 | 0.40 × 1.30 | 0.52 | | |
| | | 内壁 | 1.75 × 0.54 | 0.95 | | |
| | | 床(小屋裏収納 | 0.85 × 0.59 | 0.50 | | |
| | | 床積載 | 0.85 × 1.30 | 1.11 | 8.74(7.86) | 8.74(7.86) |
| Ｘ５Ｙ６ | 2 | 屋根3 | 3.48 × 0.56 | 1.94 | | |
| | | 屋根3 | 3.66 × 0.53 | 1.95 | | |
| | | 屋根3 | 0.36 × 0.58 | 0.21 | | |
| | | 内壁 | 1.59 × 0.54 | 0.86 | | |
| | | 床(小屋裏収納 | 0.80 × 0.59 | 0.47 | | |
| | | 床積載 | 0.80 × 1.30 | 1.04 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(小屋裏収納 | 0.83 × 0.59 | 0.49 | | |
| | | 床積載 | 0.83 × 1.30 | 1.08 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | | |
| | | 内壁 | 1.75 × 0.54 | 0.95 | | |
| | | 床(小屋裏収納 | 0.85 × 0.59 | 0.50 | | |
| | | 床積載 | 0.85 × 1.30 | 1.11 | 13.21(11.47) | 13.21(11.47) |
| 又X16又Ｙ６ | 1 | 内壁 | 1.55 × 0.54 | 0.84 | | |
| | | 床(2階床 | 1.71 × 1.45 | 2.47 | | |
| | | 床積載 | 1.71 × 1.80 | 3.07 | | |
| | | 柱又X16又 | × 0.74 | 0.53 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 0.13 × 0.54 | 0.07 | | |
| | | 床(2階床 | 0.08 × 1.40 | 0.11 | | |
| | | 床積載 | 0.08 × 1.80 | 0.14 | | |
| | | 柱又X16又Ｙ６ | × 0.88 | 2.11 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.44 × 1.40 | 0.61 | | |
| | | 床積載 | 0.44 × 1.80 | 0.79 | 13.05(10.82) | 13.05(10.82) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X16又Y６ | 2 | 屋根4 | 0.32 × 0.53 | 0.17 | | |
| | | 軒先4 | 0.04 × 0.46 | 0.02 | | |
| | | 外壁 | 0.71 × 0.70 | 0.50 | | |
| | | 屋根4 | 0.63 × 0.53 | 0.33 | | |
| | | 軒先4 | 0.08 × 0.46 | 0.04 | | |
| | | 外壁 | 1.40 × 0.70 | 0.98 | | |
| | | 内壁 | 0.67 × 0.54 | 0.36 | 2.39(2.39) | 2.39(2.39) |
| Ｘ７又Y６ | 1 | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.89 × 1.40 | 1.25 | | |
| | | 床積載 | 0.89 × 3.20 | 2.86 | | |
| | | 内壁 | 5.16 × 0.54 | 2.79 | | |
| | | 床(2階床 | 0.10 × 1.46 | 0.15 | | |
| | | 床積載 | 0.10 × 1.80 | 0.19 | | |
| | | 床(2階ホール | 2.68 × 1.41 | 3.77 | | |
| | | 床積載 | 2.68 × 3.20 | 8.58 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 20.02(15.98) | 20.02(15.98) |
| Ｘ９又Y６ | 1 | 内壁 | 0.42 × 0.54 | 0.23 | | |
| | | 床(2階ホール | 1.16 × 1.40 | 1.62 | | |
| | | 床積載 | 1.16 × 3.20 | 3.70 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.80 × 1.40 | 1.12 | | |
| | | 床積載 | 0.80 × 3.20 | 2.56 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.42 × 0.54 | 0.23 | 9.88(7.73) | 9.88(7.73) |
| 又X16又Y６ | 2 | 屋根4 | 0.32 × 0.53 | 0.17 | | |
| | | 軒先4 | 0.04 × 0.46 | 0.02 | | |
| | | 外壁 | 0.71 × 0.70 | 0.50 | | |
| | | 屋根4 | 0.72 × 0.53 | 0.38 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | | |
| | | 内壁 | 0.67 × 0.54 | 0.36 | 2.59(2.59) | 2.59(2.59) |
| | 1 | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.26 | | |
| | | 床積載 | 0.19 × 1.80 | 0.34 | | |
| | | 内壁 | 3.60 × 0.54 | 1.95 | | |
| | | 床(2階床 | 1.70 × 1.40 | 2.39 | | |
| | | 床積載 | 1.70 × 1.80 | 3.07 | | |
| | | 柱又X15又 | × 0.57 | 1.07 | | |
| | | 柱又X16又 | × 0.07 | 0.05 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 0.02 × 0.54 | 0.01 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.13 | | |
| | | 床積載 | 0.09 × 1.80 | 0.17 | | |
| | | 柱又X16又Y６ | × 0.12 | 0.29 | 13.18(11.19) | 15.78(13.79) |
| 又X11又Y６ | 2 | 屋根4 | 0.74 × 0.53 | 0.40 | | |
| | | 内壁 | 1.44 × 0.54 | 0.78 | | |
| | | 屋根4 | 0.69 × 0.53 | 0.37 | | |
| | | 内壁 | 0.29 × 0.54 | 0.16 | 1.70(1.70) | 1.70(1.70) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X11又Y６ | 1 | 内壁 | 1.36 × 0.54 | 0.73 | | |
| | | 床(階段 | 0.48 × 0.30 | 0.14 | | |
| | | 床積載 | 0.48 × 0.65 | 0.31 | | |
| | | 床(2階ホール | 0.79 × 1.40 | 1.11 | | |
| | | 床積載 | 0.79 × 3.20 | 2.53 | | |
| | | 内壁 | 0.60 × 0.54 | 0.32 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.22 | | |
| | | 床積載 | 0.15 × 1.80 | 0.28 | | |
| | | 床(2階ホール | 0.55 × 1.40 | 0.77 | | |
| | | 床積載 | 0.55 × 3.20 | 1.76 | | |
| | | 内壁 | 2.96 × 0.54 | 1.60 | | |
| | | 床(2階床 | 0.17 × 1.40 | 0.24 | | |
| | | 床積載 | 0.17 × 1.80 | 0.31 | | |
| | | 床(階段 | 1.10 × 0.30 | 0.32 | | |
| | | 床積載 | 1.10 × 0.65 | 0.71 | | |
| | | 柱又X13又 | × 0.51 | 1.52 | 12.88(10.53) | 14.58(12.22) |
| 又X11又 | 2 | 屋根4 | 2.32 × 0.53 | 1.23 | | |
| | | 内壁 | 0.29 × 0.54 | 0.16 | | |
| | | 内壁 | 1.25 × 0.54 | 0.68 | 2.07(2.07) | 2.07(2.07) |
| | 1 | 床(2階床 | 0.44 × 1.40 | 0.62 | | |
| | | 床積載 | 0.44 × 1.80 | 0.79 | | |
| | | 内壁 | 0.60 × 0.54 | 0.32 | | |
| | | 床(2階床 | 0.15 × 1.40 | 0.22 | | |
| | | 床積載 | 0.15 × 1.80 | 0.28 | | |
| | | 床(2階ホール | 0.23 × 1.40 | 0.32 | | |
| | | 床積載 | 0.23 × 3.20 | 0.74 | | |
| | | 内壁 | 2.57 × 0.54 | 1.39 | | |
| | | 床(2階床 | 1.04 × 1.40 | 1.45 | | |
| | | 床積載 | 1.04 × 1.80 | 1.87 | | |
| | | 床(2階ホール | 1.12 × 1.40 | 1.57 | | |
| | | 床積載 | 1.12 × 3.20 | 3.59 | 13.16(10.04) | 15.23(12.11) |
| Ｘ９又 | 1 | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 1.32 × 1.40 | 1.84 | | |
| | | 床積載 | 1.32 × 3.20 | 4.21 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.80 × 1.40 | 1.12 | | |
| | | 床積載 | 0.80 × 3.20 | 2.55 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 10.58(8.25) | 10.58(8.25) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ３又 | 1 | 内壁 | 0.50 × 0.54 | 0.27 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 1.80 | 0.08 | | |
| | | 内壁 | 15.89 × 0.54 | 8.58 | | |
| | | 床(2階床 | 10.53 × 1.42 | 14.96 | | |
| | | 床積載 | 10.53 × 1.80 | 18.95 | | |
| | | 柱Ｘ３又 | × 0.57 | 5.39 | | |
| | | 柱Ｘ３ | × 0.23 | 1.69 | | |
| | | 柱Ｘ３Ｙ６ | × 0.77 | 8.86 | | |
| | | 柱又Ｘ１Ｙ５ | × 0.00 | 0.01 | | |
| | | 柱又Ｙ５ | × 0.17 | 0.70 | | |
| | | 柱Ｘ２Ｙ５ | × 0.26 | 0.68 | | |
| | | 柱Ｘ２ | × 0.17 | 1.25 | | |
| | | 柱 | × 0.06 | 0.37 | | |
| | | 柱又Ｘ４又 | × 0.02 | 0.02 | | |
| | | 柱又Ｘ４又 | × 0.02 | 0.03 | | |
| | | 柱 | × 0.15 | 0.47 | | |
| | | 柱又Ｘ４又 | × 0.04 | 0.09 | | |
| | | 柱又Ｘ４Ｙ５ | × 0.12 | 0.23 | | |
| | | 柱Ｙ５ | × 0.24 | 1.41 | | |
| | | 柱 | × 0.33 | 1.31 | | |
| | | 柱又 | × 0.16 | 0.18 | | |
| | | 柱又 | × 0.21 | 0.23 | | |
| | | 柱Ｙ６ | × 0.51 | 4.42 | 70.22(52.70) | 70.22(52.70) |
| 又X14又 | 2 | 屋根4 | 0.44 × 0.53 | 0.23 | | |
| | | 屋根4 | 0.68 × 0.53 | 0.36 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.52 × 0.70 | 1.07 | | |
| | | 屋根4 | 0.72 × 0.53 | 0.38 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | 3.25(3.25) | 3.25(3.25) |
| | 1 | 外壁 | 0.92 × 0.70 | 0.65 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.12 | | |
| | | 床積載 | 0.09 × 1.80 | 0.16 | | |
| | | 外壁 | 3.30 × 0.70 | 2.31 | | |
| | | 床(2階床 | 0.19 × 1.40 | 0.26 | | |
| | | 床積載 | 0.19 × 1.80 | 0.34 | 3.84(3.56) | 7.09(6.81) |
| 又X13又 | 1 | 外壁 | 0.54 × 0.70 | 0.38 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.05 | | |
| | | 床積載 | 0.04 × 1.80 | 0.07 | | |
| | | 外壁 | 0.92 × 0.70 | 0.65 | | |
| | | 床(2階床 | 0.09 × 1.40 | 0.12 | | |
| | | 床積載 | 0.09 × 1.80 | 0.16 | 1.42(1.30) | 1.42(1.30) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯＹ７ | 2 | 屋根3 | 0.89 × 0.53 | 0.47 | | |
| | | 軒先3 | 0.57 × 0.46 | 0.26 | | |
| | | 外壁 | 1.43 × 0.70 | 1.00 | | |
| | | 外壁 | 1.43 × 0.70 | 1.00 | | |
| | | 床(小屋裏収納 | 1.06 × 0.65 | 0.69 | | |
| | | 床積載 | 1.06 × 1.30 | 1.38 | | |
| | | 軒先3 | 0.08 × 0.46 | 0.04 | | |
| | | 軒先6 | 0.07 × 0.46 | 0.03 | | |
| | | 外壁 | 1.32 × 0.70 | 0.92 | | |
| | | 屋根3 | 1.03 × 0.56 | 0.58 | | |
| | | 軒先3 | 0.34 × 0.49 | 0.17 | | |
| | | 外壁 | 2.10 × 0.70 | 1.47 | | |
| | | 床(小屋裏収納 | 0.85 × 0.66 | 0.56 | | |
| | | 床積載 | 0.85 × 1.30 | 1.11 | | |
| | | 小屋裏収納内壁 | 2.11 × 0.84 | 1.77 | 11.45(10.11) | 11.45(10.11) |
| | 1 | 外壁 | 2.15 × 0.70 | 1.51 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 床(2階床 | 0.58 × 1.45 | 0.85 | | |
| | | 床積載 | 0.58 × 1.80 | 1.05 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 床(2階床 | 0.25 × 1.40 | 0.34 | | |
| | | 床積載 | 0.25 × 1.80 | 0.44 | | |
| | | 外壁 | 1.14 × 0.70 | 0.80 | | |
| | | 床(2階床 | 0.30 × 1.40 | 0.43 | | |
| | | 床積載 | 0.30 × 1.80 | 0.55 | 8.10(6.97) | 19.55(17.08) |
| Ｘ１Ｙ７ | 1 | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 内壁 | 0.66 × 0.54 | 0.36 | | |
| | | 床(2階床 | 1.16 × 1.40 | 1.63 | | |
| | | 床積載 | 1.16 × 1.80 | 2.10 | | |
| | | 内壁 | 0.66 × 0.54 | 0.36 | | |
| | | 床(2階床 | 0.64 × 1.40 | 0.89 | | |
| | | 床積載 | 0.64 × 1.80 | 1.14 | | |
| | | 内壁 | 0.39 × 0.54 | 0.21 | | |
| | | 床(2階床 | 0.25 × 1.40 | 0.34 | | |
| | | 床積載 | 0.25 × 1.80 | 0.44 | 7.68(5.63) | 7.68(5.63) |
| 又Ｙ７ | 1 | 内壁 | 0.66 × 0.54 | 0.36 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.72 × 1.40 | 1.01 | | |
| | | 床積載 | 0.72 × 1.80 | 1.30 | | |
| | | 内壁 | 0.66 × 0.54 | 0.36 | | |
| | | 床(2階床 | 0.64 × 1.40 | 0.89 | | |
| | | 床積載 | 0.64 × 1.80 | 1.14 | 5.93(4.57) | 5.93(4.57) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ３Ｙ７ | 2 | 屋根3 | 1.76 × 0.56 | 0.99 | | |
| | | 軒先3 | 0.58 × 0.49 | 0.29 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(小屋裏収納 | 1.89 × 0.62 | 1.18 | | |
| | | 床積載 | 1.89 × 1.30 | 2.46 | | |
| | | 内壁 | 0.99 × 0.54 | 0.54 | | |
| | | 屋根3 | 0.89 × 0.56 | 0.50 | | |
| | | 軒先3 | 0.29 × 0.49 | 0.14 | | |
| | | 外壁 | 2.10 × 0.70 | 1.47 | | |
| | | 床(小屋裏収納 | 0.85 × 0.66 | 0.56 | | |
| | | 床積載 | 0.85 × 1.30 | 1.11 | | |
| | | 小屋裏収納内壁 | 2.11 × 0.84 | 1.77 | | |
| | | 屋根3 | 0.73 × 0.53 | 0.39 | | |
| | | 軒先3 | 0.24 × 0.46 | 0.11 | | |
| | | 外壁 | 1.60 × 0.70 | 1.12 | | |
| | | 床(小屋裏収納 | 0.63 × 0.59 | 0.37 | | |
| | | 床積載 | 0.63 × 1.30 | 0.81 | | |
| | | 小屋裏収納内壁 | 1.60 × 0.84 | 1.35 | 15.98(13.62) | 15.98(13.62) |
| | 1 | 内壁 | 0.50 × 0.54 | 0.27 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.06 | | |
| | | 床積載 | 0.04 × 1.80 | 0.08 | | |
| | | 内壁 | 3.89 × 0.54 | 2.10 | | |
| | | 床(2階床 | 2.74 × 1.43 | 3.92 | | |
| | | 床積載 | 2.74 × 1.80 | 4.93 | | |
| | | 柱Ｘ３又 | × 0.48 | 0.49 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 内壁 | 1.61 × 0.54 | 0.87 | | |
| | | 床(2階床 | 0.73 × 1.40 | 1.03 | | |
| | | 床積載 | 0.73 × 1.80 | 1.32 | | |
| | | 内壁 | 0.80 × 0.54 | 0.43 | | |
| | | 床(2階床 | 0.72 × 1.40 | 1.01 | | |
| | | 床積載 | 0.72 × 1.80 | 1.30 | 18.24(14.01) | 34.22(27.62) |
| 又Ｘ４Ｙ７ | 1 | 内壁 | 1.20 × 0.54 | 0.65 | | |
| | | 床(2階床 | 0.52 × 1.40 | 0.72 | | |
| | | 床積載 | 0.52 × 1.80 | 0.93 | | |
| | | 内壁 | 1.61 × 0.54 | 0.87 | | |
| | | 床(2階床 | 0.73 × 1.40 | 1.03 | | |
| | | 床積載 | 0.73 × 1.80 | 1.32 | 5.52(4.27) | 5.52(4.27) |
| Ｘ５Ｙ７ | 2 | 屋根3 | 1.62 × 0.53 | 0.86 | | |
| | | 軒先3 | 0.53 × 0.46 | 0.25 | | |
| | | 屋根3 | 1.80 × 0.53 | 0.96 | | |
| | | 軒先3 | 0.59 × 0.46 | 0.28 | | |
| | | 外壁 | 2.96 × 0.70 | 2.07 | | |
| | | 外壁 | 2.96 × 0.64 | 1.88 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 内壁 | 1.52 × 0.54 | 0.82 | | |
| | | 床(小屋裏収納 | 0.83 × 0.59 | 0.49 | | |
| | | 床積載 | 0.83 × 1.30 | 1.08 | | |
| | | 小屋裏収納内壁 | 0.91 × 0.98 | 0.89 | | |
| | | 屋根3 | 0.73 × 0.53 | 0.39 | | |
| | | 軒先3 | 0.24 × 0.46 | 0.11 | | |
| | | 外壁 | 1.60 × 0.70 | 1.12 | | |
| | | 床(小屋裏収納 | 0.63 × 0.59 | 0.37 | | |
| | | 床積載 | 0.63 × 1.30 | 0.81 | | |
| | | 小屋裏収納内壁 | 1.60 × 0.84 | 1.35 | 14.15(13.13) | 14.15(13.13) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X13又Y７ | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 1.80 | 0.09 | | |
| | | 外壁 | 0.54 × 0.70 | 0.38 | | |
| | | 床(2階床 | 0.04 × 1.40 | 0.05 | | |
| | | 床積載 | 0.04 × 1.80 | 0.07 | 1.80(1.72) | 1.80(1.72) |
| X９又Y７ | 1 | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.80 × 1.40 | 1.12 | | |
| | | 床積載 | 0.80 × 3.20 | 2.55 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 1.47 × 1.40 | 2.06 | | |
| | | 床積載 | 1.47 × 3.20 | 4.70 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 11.28(8.79) | 11.28(8.79) |
| 又X12又Y７ | 2 | 屋根4 | 0.68 × 0.53 | 0.36 | | |
| | | 軒先4 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.52 × 0.70 | 1.07 | | |
| | | 内壁 | 1.25 × 0.54 | 0.68 | | |
| | | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.81 × 0.70 | 0.57 | 2.92(2.92) | 2.92(2.92) |
| | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 1.80 | 0.09 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階ホール | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 3.20 | 0.15 | | |
| | | 内壁 | 2.57 × 0.54 | 1.39 | | |
| | | 床(2階床 | 0.95 × 1.40 | 1.32 | | |
| | | 床積載 | 0.95 × 1.80 | 1.70 | | |
| | | 床(2階ホール | 1.00 × 1.40 | 1.40 | | |
| | | 床積載 | 1.00 × 3.20 | 3.20 | 11.69(9.55) | 14.61(12.47) |
| X５ | 2 | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 内壁 | 0.23 × 0.54 | 0.13 | 0.54(0.54) | 0.54(0.54) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ５ | 1 | 内壁 | 11.80 × 0.54 | 6.37 | | |
| | | 床(2階床 | 0.65 × 1.46 | 0.95 | | |
| | | 床積載 | 0.65 × 1.80 | 1.17 | | |
| | | 床(2階ホール | 0.39 × 1.47 | 0.57 | | |
| | | 床積載 | 0.39 × 3.20 | 1.24 | | |
| | | 床(2階床 | 0.96 × 1.40 | 1.35 | | |
| | | 床積載 | 0.96 × 1.80 | 1.74 | | |
| | | 内壁 | 1.50 × 0.54 | 0.81 | | |
| | | 床(2階床 | 2.02 × 1.43 | 2.90 | | |
| | | 床積載 | 2.02 × 1.80 | 3.64 | | |
| | | 床(2階ホール | 0.05 × 1.45 | 0.08 | | |
| | | 床積載 | 0.05 × 3.20 | 0.17 | | |
| | | 内壁 | 17.76 × 0.54 | 9.59 | | |
| | | 床(2階床 | 6.63 × 1.43 | 9.47 | | |
| | | 床積載 | 6.63 × 1.80 | 11.93 | | |
| | | 床(2階ホール | 0.03 × 1.46 | 0.05 | | |
| | | 床積載 | 0.03 × 3.20 | 0.11 | | |
| | | 柱Ｘ５ | × 0.20 | 1.69 | | |
| | | 柱Ｘ５ | × 0.50 | 5.00 | | |
| | | 柱Ｘ５Ｙ６ | × 0.70 | 9.25 | | |
| | | 柱Ｘ５Ｙ７ | × 0.90 | 12.73 | | |
| | | 柱Ｘ５Ｙ５ | × 0.40 | 2.82 | | |
| | | 柱 | × 0.07 | 0.42 | | |
| | | 柱又Ｘ４又 | × 0.08 | 0.09 | | |
| | | 柱又Ｘ４又 | × 0.07 | 0.15 | | |
| | | 柱 | × 0.10 | 0.32 | | |
| | | 柱又Ｘ４又 | × 0.10 | 0.23 | | |
| | | 柱又Ｘ４Ｙ５ | × 0.27 | 0.53 | | |
| | | 柱Ｙ５ | × 0.14 | 0.81 | | |
| | | 柱 | × 0.17 | 0.69 | | |
| | | 柱又 | × 0.09 | 0.09 | | |
| | | 柱又 | × 0.10 | 0.11 | | |
| | | 柱Ｙ６ | × 0.24 | 2.11 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | | |
| | | 柱Ｘ５又 | × 0.79 | 0.49 | 90.29(75.36) | 90.82(75.90) |
| 又X11又 | 1 | 柱又X11又 | × 1.00 | 1.55 | | |
| | | 外壁 | 1.65 × 0.70 | 1.16 | | |
| | | 床(2階ホール | 0.14 × 1.40 | 0.20 | | |
| | | 床積載 | 0.14 × 3.20 | 0.45 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階ホール | 0.05 × 1.40 | 0.07 | | |
| | | 床積載 | 0.05 × 3.20 | 0.15 | 4.72(4.52) | 4.72(4.52) |
| 又X11又 | 2 | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.81 × 0.70 | 0.56 | | |
| | | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.81 × 0.70 | 0.57 | 1.55(1.55) | 1.55(1.55) |
| Ｘ３又 | 2 | 内壁 | 0.99 × 0.54 | 0.54 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | 1.03(1.03) | 1.03(1.03) |
| Ｘ５又 | 2 | 内壁 | 0.23 × 0.54 | 0.13 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | 0.62(0.62) | 0.62(0.62) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| ＸＯ又 | 2 | 軒先3 | 0.46 | 0.00 | | |
| | | 軒先6 | 0.07 × 0.46 | 0.03 | | |
| | | 外壁 | 1.32 × 0.70 | 0.92 | | |
| | | 軒先6 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.83 × 0.70 | 0.58 | 1.56(1.56) | 1.56(1.56) |
| | 1 | 床(2階床 | 1.31 × 1.47 | 1.92 | | |
| | | 床積載 | 1.31 × 1.80 | 2.35 | | |
| | | 外壁 | 2.47 × 0.70 | 1.73 | | |
| | | 床(2階床 | 0.98 × 1.46 | 1.44 | | |
| | | 床積載 | 0.98 × 1.80 | 1.77 | | |
| | | 軒先1 | 0.00 | 0.00 | | |
| | | 外壁 | 3.11 × 0.70 | 2.17 | | |
| | | 床(2階床 | 0.42 × 1.45 | 0.61 | | |
| | | 床積載 | 0.42 × 1.80 | 0.76 | | |
| | | 柱ＸＯＹ８ | × 0.33 | 0.63 | | |
| | | 柱又Ｘ１Ｙ８ | × 0.25 | 1.32 | 14.72(12.00) | 16.27(13.56) |
| Ｘ７又 | 1 | 内壁 | 1.82 × 0.54 | 0.98 | | |
| | | 床(2階床 | 1.24 × 1.45 | 1.80 | | |
| | | 床積載 | 1.24 × 1.80 | 2.23 | | |
| | | 床(2階ホール | 0.57 × 1.46 | 0.84 | | |
| | | 床積載 | 0.57 × 3.20 | 1.84 | | |
| | | 内壁 | 16.39 × 0.54 | 8.85 | | |
| | | 床(2階床 | 0.53 × 1.46 | 0.78 | | |
| | | 床積載 | 0.53 × 1.80 | 0.96 | | |
| | | 床(2階ホール | 3.52 × 1.43 | 5.02 | | |
| | | 床積載 | 3.52 × 3.20 | 11.25 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 3.20 | 0.66 | | |
| | | 床(2階ホール | 0.72 × 1.40 | 1.01 | | |
| | | 床積載 | 0.72 × 3.20 | 2.31 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 39.26(31.96) | 39.26(31.96) |
| Ｘ９又 | 1 | 床(2階ホール | 0.72 × 1.40 | 1.01 | | |
| | | 床積載 | 0.72 × 3.20 | 2.31 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.77 × 1.40 | 1.07 | | |
| | | 床積載 | 0.77 × 3.20 | 2.45 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 1.05 × 1.40 | 1.47 | | |
| | | 床積載 | 1.05 × 3.20 | 3.35 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 12.53(9.74) | 12.53(9.74) |
| 又X10又 | 2 | 屋根4 | 0.35 × 0.53 | 0.19 | | |
| | | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.81 × 0.70 | 0.56 | | |
| | | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.81 × 0.70 | 0.56 | 1.74(1.74) | 1.74(1.74) |
| | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階ホール | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 3.20 | 0.41 | | |
| | | 外壁 | 1.65 × 0.70 | 1.16 | | |
| | | 床(2階ホール | 0.14 × 1.40 | 0.20 | | |
| | | 床積載 | 0.14 × 3.20 | 0.45 | 3.55(3.25) | 5.29(4.99) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| 又X10又 | 2 | 屋根4 | 0.25 × 0.53 | 0.13 | | |
| | | 軒先4 | 0.03 × 0.46 | 0.01 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | | |
| | | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.81 × 0.70 | 0.56 | 1.32(1.32) | 1.32(1.32) |
| | 1 | 外壁 | 1.16 × 0.70 | 0.81 | | |
| | | 床(2階ホール | 0.03 × 1.40 | 0.04 | | |
| | | 床積載 | 0.03 × 3.20 | 0.08 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階ホール | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 3.20 | 0.41 | 2.68(2.51) | 4.00(3.83) |
| ＸＯＹ８ | 2 | 軒先6 | 0.46 | 0.00 | | |
| | | 屋根6 | 1.17 × 0.53 | 0.62 | | |
| | | 軒先6 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.91 × 0.70 | 0.64 | | |
| | | 軒先6 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.83 × 0.70 | 0.58 | 1.88(1.88) | 1.88(1.88) |
| 又Ｘ１Ｙ８ | 2 | 屋根6 | 1.17 × 0.53 | 0.62 | | |
| | | 軒先6 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.91 × 0.70 | 0.64 | | |
| | | 屋根6 | 3.62 × 0.53 | 1.93 | | |
| | | 軒先6 | 0.16 × 0.46 | 0.07 | | |
| | | 外壁 | 2.82 × 0.70 | 1.97 | 5.25(5.25) | 5.25(5.25) |
| Ｘ３Ｙ８ | 2 | 屋根6 | 3.65 × 0.53 | 1.94 | | |
| | | 軒先6 | 0.16 × 0.46 | 0.07 | | |
| | | 外壁 | 2.84 × 0.70 | 1.99 | | |
| | | 屋根6 | 3.62 × 0.53 | 1.93 | | |
| | | 軒先6 | 0.16 × 0.46 | 0.07 | | |
| | | 外壁 | 2.82 × 0.70 | 1.97 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | 8.46(8.46) | 8.46(8.46) |
| | 1 | 外壁 | 2.14 × 0.70 | 1.50 | | |
| | | 床(2階床 | 0.85 × 1.47 | 1.26 | | |
| | | 床積載 | 0.85 × 1.80 | 1.54 | | |
| | | 柱又Ｘ１Ｙ８ | × 0.24 | 1.28 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 床(2階床 | 0.32 × 1.40 | 0.44 | | |
| | | 床積載 | 0.32 × 1.80 | 0.57 | | |
| | | 内壁 | 3.89 × 0.54 | 2.10 | | |
| | | 床(2階床 | 2.74 × 1.43 | 3.92 | | |
| | | 床積載 | 2.74 × 1.80 | 4.93 | | |
| | | 柱Ｘ３又 | × 0.52 | 0.54 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 18.94(15.03) | 27.40(23.49) |
| 又Ｘ４Ｙ８ | 1 | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 軒先1 | 0.46 | 0.01 | | |
| | | 外壁 | 0.59 × 0.70 | 0.41 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | | |
| | | 外壁 | 0.93 × 0.70 | 0.65 | | |
| | | 床(2階床 | 0.32 × 1.40 | 0.44 | | |
| | | 床積載 | 0.32 × 1.80 | 0.57 | | |
| | | 外壁 | 0.86 × 0.70 | 0.60 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | 5.14(4.41) | 5.14(4.41) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ５Ｙ８ | 2 | 屋根6 | 3.65 × 0.53 | 1.94 | | |
| | | 軒先6 | 0.16 × 0.46 | 0.07 | | |
| | | 外壁 | 2.84 × 0.70 | 1.99 | | |
| | | 内壁 | 0.91 × 0.54 | 0.49 | | |
| | | 屋根6 | 2.07 × 0.53 | 1.10 | | |
| | | 軒先6 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | 6.76(6.76) | 6.76(6.76) |
| | 1 | 外壁 | 1.61 × 0.70 | 1.13 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 1.80 | 0.28 | | |
| | | 外壁 | 0.86 × 0.70 | 0.60 | | |
| | | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 内壁 | 1.35 × 0.54 | 0.73 | | |
| | | 床(2階床 | 1.19 × 1.43 | 1.70 | | |
| | | 床積載 | 1.19 × 1.80 | 2.15 | | |
| | | 床(2階ホール | 0.03 × 1.45 | 0.04 | | |
| | | 床積載 | 0.03 × 3.20 | 0.08 | | |
| | | 内壁 | 1.14 × 0.54 | 0.62 | | |
| | | 柱Ｘ５又 | × 0.21 | 0.13 | 9.49(7.90) | 16.24(14.66) |
| Ｙ８ | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 1.80 | 0.28 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 1.80 | 0.28 | 3.30(2.99) | 3.30(2.99) |
| Ｙ８ | 2 | 屋根6 | 2.07 × 0.53 | 1.10 | | |
| | | 軒先6 | 0.09 × 0.46 | 0.04 | | |
| | | 外壁 | 1.61 × 0.70 | 1.13 | | |
| | | 屋根6 | 2.59 × 0.53 | 1.38 | | |
| | | 軒先6 | 0.11 × 0.46 | 0.05 | | |
| | | 外壁 | 2.01 × 0.70 | 1.41 | 5.11(5.11) | 5.11(5.11) |
| | 1 | 床(2階床 | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 1.80 | 0.37 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 床(2階床 | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 1.80 | 0.28 | | |
| | | 外壁 | 4.12 × 0.70 | 2.88 | | |
| | | 床(2階床 | 0.42 × 1.40 | 0.59 | | |
| | | 床積載 | 0.42 × 1.80 | 0.76 | 6.56(5.77) | 11.66(10.88) |
| Ｘ６Ｙ８ | 2 | 屋根6 | 2.59 × 0.53 | 1.38 | | |
| | | 軒先6 | 0.11 × 0.46 | 0.05 | | |
| | | 外壁 | 2.01 × 0.70 | 1.41 | | |
| | | 屋根6 | 1.82 × 0.53 | 0.97 | | |
| | | 軒先6 | 0.08 × 0.46 | 0.04 | | |
| | | 外壁 | 1.42 × 0.70 | 0.99 | 4.83(4.83) | 4.83(4.83) |
| | 1 | 外壁 | 4.12 × 0.70 | 2.88 | | |
| | | 床(2階床 | 0.51 × 1.40 | 0.71 | | |
| | | 床積載 | 0.51 × 1.80 | 0.91 | | |
| | | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 1.80 | 0.23 | | |
| | | 床(2階ホール | 0.08 × 1.40 | 0.11 | | |
| | | 床積載 | 0.08 × 3.20 | 0.25 | 6.84(6.12) | 11.68(10.95) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｙ８ | 1 | 外壁 | 1.65 × 0.70 | 1.15 | | |
| | | 内壁 | 0.76 × 0.54 | 0.41 | | |
| | | 床(2階床 | 0.08 × 1.40 | 0.11 | | |
| | | 床積載 | 0.08 × 1.80 | 0.14 | | |
| | | 床(2階ホール | 0.13 × 1.40 | 0.18 | | |
| | | 床積載 | 0.13 × 3.20 | 0.41 | | |
| | | 外壁 | 1.25 × 0.70 | 0.87 | | |
| | | 床(2階ホール | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 3.20 | 0.34 | 3.77(3.43) | 3.77(3.43) |
| Ｘ７Ｙ８ | 2 | 屋根3 | 4.03 × 0.55 | 2.21 | | |
| | | 軒先3 | 0.65 × 0.48 | 0.31 | | |
| | | 屋根6 | 1.80 × 0.53 | 0.96 | | |
| | | 軒先6 | 0.08 × 0.46 | 0.04 | | |
| | | 外壁 | 3.58 × 0.70 | 2.51 | | |
| | | 外壁 | 2.18 × 0.64 | 1.39 | | |
| | | 屋根6 | 1.82 × 0.53 | 0.97 | | |
| | | 軒先6 | 0.08 × 0.46 | 0.04 | | |
| | | 外壁 | 1.42 × 0.70 | 0.99 | 9.41(9.41) | 9.41(9.41) |
| | 1 | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.21 × 1.40 | 0.29 | | |
| | | 床積載 | 0.21 × 3.20 | 0.66 | | |
| | | 外壁 | 1.25 × 0.70 | 0.87 | | |
| | | 床(2階ホール | 0.11 × 1.40 | 0.15 | | |
| | | 床積載 | 0.11 × 3.20 | 0.34 | | |
| | | 外壁 | 2.87 × 0.70 | 2.01 | | |
| | | 床(2階ホール | 0.31 × 1.40 | 0.43 | | |
| | | 床積載 | 0.31 × 3.20 | 0.99 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | 6.17(5.49) | 15.58(14.90) |
| 又Ｙ８ | 2 | 屋根3 | 0.65 × 0.55 | 0.36 | | |
| | | 軒先3 | 0.11 × 0.48 | 0.05 | | |
| | | 屋根6 | 1.80 × 0.53 | 0.96 | | |
| | | 軒先6 | 0.08 × 0.46 | 0.04 | | |
| | | 外壁 | 1.75 × 0.70 | 1.23 | | |
| | | 外壁 | 0.35 × 0.64 | 0.22 | | |
| | | 屋根6 | 1.04 × 0.53 | 0.55 | | |
| | | 軒先6 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | 3.99(3.99) | 3.99(3.99) |
| | 1 | 外壁 | 2.87 × 0.70 | 2.01 | | |
| | | 床(2階ホール | 0.31 × 1.40 | 0.43 | | |
| | | 床積載 | 0.31 × 3.20 | 0.99 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(2階ホール | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 3.20 | 0.50 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 5.30(4.79) | 9.29(8.78) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | ＰＯ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ９Ｙ８ | 2 | 屋根4 | 0.36 × 0.53 | 0.19 | | |
| | | 屋根6 | 1.04 × 0.53 | 0.55 | | |
| | | 軒先6 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | | |
| | | 外壁 | 0.41 × 0.70 | 0.29 | | |
| | | 屋根3 | 1.30 × 0.58 | 0.76 | | |
| | | 軒先3 | 0.61 × 0.48 | 0.29 | | |
| | | 屋根4 | 1.83 × 0.53 | 0.97 | | |
| | | 外壁 | 0.70 × 0.70 | 0.49 | | |
| | | 外壁 | 0.70 × 0.64 | 0.45 | | |
| | | 外壁 | 1.14 × 0.85 | 0.97 | | |
| | | 外壁 | 0.40 × 0.70 | 0.28 | 5.55(5.55) | 5.55(5.55) |
| | 1 | 外壁 | 0.84 × 0.70 | 0.59 | | |
| | | 床(2階ホール | 0.04 × 1.40 | 0.05 | | |
| | | 床積載 | 0.04 × 3.20 | 0.12 | | |
| | | 外壁 | 1.23 × 0.70 | 0.86 | | |
| | | 床(2階ホール | 0.16 × 1.40 | 0.22 | | |
| | | 床積載 | 0.16 × 3.20 | 0.50 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 床(2階ホール | 0.51 × 1.40 | 0.71 | | |
| | | 床積載 | 0.51 × 3.20 | 1.62 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 外壁 | 0.42 × 0.70 | 0.29 | 5.39(4.62) | 10.94(10.17) |
| 又Ｘ９Ｙ８ | 2 | 軒先4 | 0.05 × 0.46 | 0.02 | | |
| | | 外壁 | 0.41 × 0.70 | 0.29 | | |
| | | 屋根4 | 0.25 × 0.53 | 0.13 | | |
| | | 軒先4 | 0.03 × 0.46 | 0.01 | | |
| | | 外壁 | 0.57 × 0.70 | 0.40 | 0.86(0.86) | 0.86(0.86) |
| | 1 | 外壁 | 0.84 × 0.70 | 0.59 | | |
| | | 床(2階ホール | 0.23 × 1.40 | 0.32 | | |
| | | 床積載 | 0.23 × 3.20 | 0.72 | | |
| | | 外壁 | 1.16 × 0.70 | 0.81 | | |
| | | 床(2階ホール | 0.03 × 1.40 | 0.04 | | |
| | | 床積載 | 0.03 × 3.20 | 0.08 | 2.56(2.28) | 3.42(3.14) |
| ＸＯＹ９ | 1 | 屋根1 | 0.34 × 0.53 | 0.18 | | |
| | | 軒先1 | 0.03 × 0.46 | 0.01 | | |
| | | 外壁 | 0.48 × 0.70 | 0.34 | | |
| | | 軒先1 | 0.02 × 0.46 | 0.01 | | |
| | | 外壁 | 3.51 × 0.70 | 2.46 | | |
| | | 床(2階床 | 0.64 × 1.46 | 0.93 | | |
| | | 床積載 | 0.64 × 1.80 | 1.15 | | |
| | | 柱ＸＯＹ８ | × 0.67 | 1.26 | | |
| | | 柱又Ｘ１Ｙ８ | × 0.50 | 2.65 | 8.99(8.35) | 8.99(8.35) |
| 又ＸＯＹ９ | 1 | 屋根1 | 0.34 × 0.53 | 0.18 | | |
| | | 屋根1 | 1.02 × 0.53 | 0.54 | | |
| | | 外壁 | 0.48 × 0.70 | 0.34 | | |
| | | 外壁 | 1.45 × 0.70 | 1.02 | 2.08(2.08) | 2.08(2.08) |
| 又Ｘ１Ｙ９ | 1 | 屋根1 | 1.66 × 0.53 | 0.88 | | |
| | | 屋根1 | 1.02 × 0.53 | 0.54 | | |
| | | 外壁 | 1.45 × 0.70 | 1.02 | | |
| | | 屋根1 | 0.81 × 0.53 | 0.43 | | |
| | | 外壁 | 3.50 × 0.70 | 2.45 | 5.32(5.32) | 5.32(5.32) |

| 符号 | 階 | 項目 | 面積 × 単位荷重 | Ｐ０ | Ｐ | ΣＰ |
|---|---|---|---|---|---|---|
| Ｘ３Ｙ９ | 1 | 軒先1 | 0.27 × 0.46 | 0.13 | | |
| | | 屋根1 | 0.81 × 0.53 | 0.43 | | |
| | | 屋根1 | 0.84 × 0.53 | 0.44 | | |
| | | 内壁 | 0.40 × 0.54 | 0.22 | | |
| | | 屋根1 | 1.66 × 0.53 | 0.88 | | |
| | | 外壁 | 3.50 × 0.70 | 2.45 | | |
| | | 外壁 | 0.61 × 0.70 | 0.43 | | |
| | | 外壁 | 0.58 × 0.70 | 0.40 | 5.38(5.38) | 5.38(5.38) |
| 又Ｘ３Ｙ９ | 1 | 屋根1 | 0.84 × 0.53 | 0.44 | | |
| | | 屋根1 | 0.84 × 0.53 | 0.44 | | |
| | | 外壁 | 0.61 × 0.70 | 0.43 | | |
| | | 外壁 | 0.61 × 0.70 | 0.43 | | |
| | | 外壁 | 0.58 × 0.70 | 0.40 | | |
| | | 外壁 | 0.58 × 0.70 | 0.40 | 2.55(2.55) | 2.55(2.55) |
| 又Ｘ４Ｙ９ | 1 | 屋根1 | 0.84 × 0.53 | 0.44 | | |
| | | 軒先1 | 0.46 | 0.01 | | |
| | | 外壁 | 0.59 × 0.70 | 0.41 | | |
| | | 軒先1 | 0.46 | 0.00 | | |
| | | 外壁 | 0.61 × 0.70 | 0.43 | | |
| | | 外壁 | 0.58 × 0.70 | 0.40 | 1.70(1.70) | 1.70(1.70) |
| 又Ｘ４又Ｙ９ | 1 | 軒先1 | 0.00 | 0.00 | | |
| | | 軒先1 | 0.46 | 0.00 | | |
| | | 軒先1 | 0.07 × 0.46 | 0.03 | 0.04(0.04) | 0.04(0.04) |
| ＸＯ | 1 | 軒先1 | 0.00 | 0.00 | | |
| | | 軒先1 | 0.03 × 0.46 | 0.01 | | |
| | | 軒先1 | 0.03 × 0.46 | 0.01 | 0.03(0.03) | 0.03(0.03) |

(3) 荷重の伝達

| 母屋 | | 荷重項目 | | | 受材1 | | | 受材2 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | P0 | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X0-又 | 屋根2 | 3.37×0.54 | 1.82 | 小屋束 | X0 | 0.91 | 小屋束 | 又 | 0.91 |
| | 又 | | 計 | 1.82 | | 又 | 0.91 | | 又 | 0.91 |
| | X0-又 | 屋根2 | 3.41×0.54 | 1.84 | 小屋束 | X0 | 0.92 | 小屋束 | 又 | 0.92 |
| | 又 | | 計 | 1.84 | | 又 | 0.92 | | 又 | 0.92 |
| | X0-又 | 屋根2 | 3.27×0.54 | 1.76 | 小屋束 | X0 | 0.88 | 小屋束 | 又 | 0.88 |
| | 又Y2 | | 計 | 1.76 | | 又Y2 | 0.88 | | 又Y2 | 0.88 |
| | X0-又 | 屋根2 | 2.38×0.54 | 1.28 | 小屋束 | X0 | 0.64 | 小屋束 | 又 | 0.64 |
| | 又 | | 計 | 1.28 | | 又 | 0.64 | | 又 | 0.64 |
| | X0-又 | 屋根2 | 2.51×0.54 | 1.36 | 小屋束 | X0 | 0.68 | 小屋束 | 又 | 0.68 |
| | Y3 | | 計 | 1.36 | | Y3 | 0.68 | | Y3 | 0.68 |
| | X0- | 屋根2 | 6.05×0.59 | 3.57 | 勾配梁 | X0 | 1.79 | 勾配梁 | | 1.79 |
| | | | 計 | 3.57 | | 又Y3-Y4 | 1.79 | | Y3-Y4 | 1.79 |
| | X0-又 | 屋根2 | 0.45×0.54 | 0.24 | 小屋束 | X0 | 0.12 | 小屋束 | 又 | 0.12 |
| | Y4 | 屋根3 | 1.78×0.53 | 0.95 | | Y4 | 0.47 | | Y4 | 0.47 |
| | | | 計 | 1.19 | | | 0.59 | | | 0.59 |
| | X0-X2 | 屋根3 | 6.01×0.58 | 3.51 | 小屋束 | X0 | 1.75 | 小屋束 | X2 | 1.75 |
| | | | 計 | 3.51 | | | 1.75 | | | 1.75 |
| | X0-又 | 屋根3 | 3.11×0.53 | 1.66 | 小屋束 | X0 | 0.83 | 小屋束 | 又 | 0.83 |
| | Y5 | | 計 | 1.66 | | Y5 | 0.83 | | Y5 | 0.83 |
| | X0- | 屋根3 | 7.25×0.58 | 4.24 | 小屋束 | X0 | 2.12 | 勾配梁 | | 2.12 |
| | 又 | | 計 | 4.24 | | 又 | 2.12 | | Y5-Y6 | 2.12 |
| | X0- | 屋根3 | 8.46×0.58 | 4.94 | 小屋束 | X0 | 2.47 | 小屋束 | | 2.47 |
| | Y6 | | 計 | 4.94 | | Y6 | 2.47 | | Y6 | 2.47 |
| | X0-又 | 軒先3 | 0.59×0.46 | 0.27 | 小屋束 | X0 | 0.14 | 小屋束 | 又 | 0.14 |
| | Y7 | 屋根3 | 1.78×0.53 | 0.95 | | Y7 | 0.47 | | Y7 | 0.47 |
| | | | 計 | 1.22 | | | 0.61 | | | 0.61 |
| | 又-又X2 | 屋根2 | 3.14×0.54 | 1.69 | 小屋束 | 又 | 0.85 | 小屋束 | 又X2 | 0.85 |
| | 又 | | 計 | 1.69 | | 又 | 0.85 | | 又 | 0.85 |
| | 又-又X2 | 屋根2 | 3.17×0.54 | 1.71 | 小屋束 | 又 | 0.86 | 小屋束 | 又X2 | 0.86 |
| | 又 | | 計 | 1.71 | | 又 | 0.86 | | 又 | 0.86 |
| | 又-又X2 | 屋根2 | 3.04×0.54 | 1.64 | 小屋束 | 又 | 0.82 | 小屋束 | 又X2 | 0.82 |
| | 又Y2 | | 計 | 1.64 | | 又Y2 | 0.82 | | 又Y2 | 0.82 |
| | 又-又X2 | 屋根2 | 2.21×0.54 | 1.19 | 小屋束 | 又 | 0.60 | 小屋束 | 又X2 | 0.60 |
| | 又 | | 計 | 1.19 | | 又 | 0.60 | | 又 | 0.60 |
| | 又-X3 | 屋根2 | 0.51×0.59 | 0.30 | 小屋束 | 又 | 0.15 | 小屋束 | X3 | 0.15 |
| | Y4 | 屋根3 | 2.05×0.58 | 1.20 | | Y4 | 0.60 | | Y4 | 0.60 |
| | | | 計 | 1.50 | | | 0.75 | | | 0.75 |
| | 又-X3 | 屋根3 | 3.59×0.58 | 2.10 | 小屋束 | 又 | 1.05 | 小屋束 | X3 | 1.05 |
| | Y5 | | 計 | 2.10 | | Y5 | 1.05 | | Y5 | 1.05 |
| | 又-X3 | 軒先3 | 0.68×0.51 | 0.35 | 小屋束 | 又 | 0.17 | 小屋束 | X3 | 0.17 |
| | Y7 | 屋根3 | 2.05×0.58 | 1.20 | | Y7 | 0.60 | | Y7 | 0.60 |
| | | | 計 | 1.55 | | | 0.77 | | | 0.77 |
| | X2- | 屋根3 | 3.67×0.58 | 2.14 | 小屋束 | X2 | 1.07 | 小屋束 | | 1.07 |
| | | | 計 | 2.14 | | | 1.07 | | | 1.07 |
| | 又X2-又 | 屋根2 | 3.14×0.54 | 1.69 | 小屋束 | 又X2 | 0.85 | 小屋束 | 又 | 0.85 |
| | 又 | | 計 | 1.69 | | 又 | 0.85 | | 又 | 0.85 |
| | 又X2-又 | 屋根2 | 3.17×0.54 | 1.71 | 小屋束 | 又X2 | 0.86 | 小屋束 | 又 | 0.86 |
| | 又 | | 計 | 1.71 | | 又 | 0.86 | | 又 | 0.86 |
| | 又X2-又 | 屋根2 | 3.04×0.54 | 1.64 | 小屋束 | 又X2 | 0.82 | 小屋束 | 又 | 0.82 |
| | 又Y2 | | 計 | 1.64 | | 又Y2 | 0.82 | | 又Y2 | 0.82 |
| | 又X2-又 | 屋根2 | 2.21×0.54 | 1.19 | 小屋束 | 又X2 | 0.60 | 小屋束 | 又 | 0.60 |
| | 又 | | 計 | 1.19 | | 又 | 0.60 | | 又 | 0.60 |
| | X3- | 屋根2 | 0.25×0.54 | 0.14 | 小屋束 | X3 | 0.07 | 小屋束 | | 0.07 |
| | Y4 | 屋根3 | 1.01×0.53 | 0.54 | | Y4 | 0.27 | | Y4 | 0.27 |
| | | | 計 | 0.67 | | | 0.34 | | | 0.34 |
| | X3- | 屋根3 | 1.76×0.53 | 0.94 | 小屋束 | X3 | 0.47 | 小屋束 | | 0.47 |
| | Y5 | | 計 | 0.94 | | Y5 | 0.47 | | Y5 | 0.47 |
| | X3-又 | 軒先3 | 0.48×0.46 | 0.22 | 小屋束 | X3 | 0.11 | 小屋束 | 又 | 0.11 |
| | Y7 | 屋根3 | 1.46×0.53 | 0.78 | | Y7 | 0.39 | | Y7 | 0.39 |
| | | | 計 | 1.00 | | | 0.50 | | | 0.50 |

| 母屋 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | -X５ | 屋根2 | 2.39×0.59 | 1.41 | 勾配梁 | | 0.71 | 勾配梁 | X５ | 0.71 |
| | | | 計 | 1.41 | | Y３-Y４ | 0.71 | | Y３-Y４ | 0.71 |
| | -X５ | 屋根2 | 0.48×0.59 | 0.28 | 小屋束 | | 0.14 | 小屋束 | X５ | 0.14 |
| | Y４ | 屋根3 | 1.91×0.58 | 1.12 | | Y４ | 0.56 | | Y４ | 0.56 |
| | | | 計 | 1.40 | | | 0.70 | | | 0.70 |
| | -X５ | 屋根3 | 3.82×0.58 | 2.23 | 小屋束 | | 1.12 | 小屋束 | X５ | 1.12 |
| | | | 計 | 2.23 | | | 1.12 | | | 1.12 |
| | -X５ | 屋根3 | 3.34×0.58 | 1.95 | 小屋束 | | 0.98 | 小屋束 | X５ | 0.98 |
| | Y５ | | 計 | 1.95 | | Y５ | 0.98 | | Y５ | 0.98 |
| | -X５ | 屋根3 | 2.87×0.58 | 1.67 | 勾配梁 | | 0.84 | 小屋束 | X５ | 0.84 |
| | 又 | | 計 | 1.67 | | Y５-Y６ | 0.84 | | 又 | 0.84 |
| | -X５ | 屋根3 | 3.34×0.58 | 1.95 | 小屋束 | | 0.98 | 小屋束 | X５ | 0.98 |
| | Y６ | | 計 | 1.95 | | Y６ | 0.98 | | Y６ | 0.98 |
| | 又-X５ | 屋根2 | 3.14×0.54 | 1.69 | 小屋束 | 又 | 0.85 | 小屋束 | X５ | 0.85 |
| | 又 | | 計 | 1.69 | | 又 | 0.85 | | 又 | 0.85 |
| | 又-X５ | 屋根2 | 3.17×0.54 | 1.71 | 小屋束 | 又 | 0.86 | 小屋束 | X５ | 0.86 |
| | 又 | | 計 | 1.71 | | 又 | 0.86 | | 又 | 0.86 |
| | 又-X５ | 屋根2 | 3.04×0.54 | 1.64 | 小屋束 | 又 | 0.82 | 小屋束 | X５ | 0.82 |
| | 又Y２ | | 計 | 1.64 | | 又Y２ | 0.82 | | 又Y２ | 0.82 |
| | 又-X５ | 屋根2 | 2.21×0.54 | 1.19 | 小屋束 | 又 | 0.60 | 小屋束 | X５ | 0.60 |
| | 又 | | 計 | 1.19 | | 又 | 0.60 | | 又 | 0.60 |
| | 又-X５ | 屋根2 | 2.34×0.54 | 1.26 | 小屋束 | 又 | 0.63 | 小屋束 | X５ | 0.63 |
| | Y３ | | 計 | 1.26 | | Y３ | 0.63 | | Y３ | 0.63 |
| | 又-X５ | 軒先3 | 0.48×0.46 | 0.22 | 小屋束 | 又 | 0.11 | 小屋束 | X５ | 0.11 |
| | Y７ | 屋根3 | 1.46×0.53 | 0.78 | | Y７ | 0.39 | | Y７ | 0.39 |
| | | | 計 | 1.00 | | | 0.50 | | | 0.50 |
| | X５-又 | 屋根2 | 3.37×0.54 | 1.82 | 小屋束 | X５ | 0.91 | 小屋束 | 又 | 0.91 |
| | 又 | | 計 | 1.82 | | 又 | 0.91 | | 又 | 0.91 |
| | X５-又 | 屋根2 | 3.41×0.54 | 1.84 | 小屋束 | X５ | 0.92 | 小屋束 | 又 | 0.92 |
| | 又 | | 計 | 1.84 | | 又 | 0.92 | | 又 | 0.92 |
| | X５-又 | 屋根2 | 3.27×0.54 | 1.76 | 小屋束 | X５ | 0.88 | 小屋束 | 又 | 0.88 |
| | 又Y２ | | 計 | 1.76 | | 又Y２ | 0.88 | | 又Y２ | 0.88 |
| | X５-又 | 屋根2 | 2.38×0.54 | 1.28 | 小屋束 | X５ | 0.64 | 小屋束 | 又 | 0.64 |
| | 又 | | 計 | 1.28 | | 又 | 0.64 | | 又 | 0.64 |
| | X５-又 | 屋根2 | 2.96×0.54 | 1.60 | 小屋束 | X５ | 0.80 | 小屋束 | 又 | 0.80 |
| | Y３ | | 計 | 1.60 | | Y３ | 0.80 | | Y３ | 0.80 |
| | X５-又 | 屋根2 | 2.22×0.54 | 1.20 | 小屋束 | X５ | 0.60 | 小屋束 | 又 | 0.60 |
| | Y４ | 屋根3 | 1.07×0.53 | 0.57 | | Y４ | 0.29 | | Y４ | 0.29 |
| | | | 計 | 1.77 | | | 0.89 | | | 0.89 |
| | X５-又 | 屋根3 | 2.85×0.53 | 1.52 | 小屋束 | X５ | 0.76 | 小屋束 | 又 | 0.76 |
| | 又 | | 計 | 1.52 | | 又 | 0.76 | | 又 | 0.76 |
| | X５-又 | 屋根3 | 3.32×0.53 | 1.77 | 小屋束 | X５ | 0.89 | 小屋束 | 又 | 0.89 |
| | 又 | | 計 | 1.77 | | 又 | 0.89 | | 又 | 0.89 |
| | X５-又 | 屋根3 | 3.38×0.53 | 1.80 | 小屋束 | X５ | 0.90 | 小屋束 | 又 | 0.90 |
| | 又Y５ | | 計 | 1.80 | | 又Y５ | 0.90 | | 又Y５ | 0.90 |
| | X５-又 | 屋根3 | 3.61×0.53 | 1.93 | 小屋束 | X５ | 0.96 | 小屋束 | 又 | 0.96 |
| | Y６ | | 計 | 1.93 | | Y６ | 0.96 | | Y６ | 0.96 |
| | X５-又 | 軒先3 | 0.59×0.46 | 0.27 | 小屋束 | X５ | 0.14 | 小屋束 | 又 | 0.14 |
| | Y７ | 屋根3 | 1.78×0.53 | 0.95 | | Y７ | 0.47 | | Y７ | 0.47 |
| | | | 計 | 1.22 | | | 0.61 | | | 0.61 |
| | 又-又 | 屋根2 | 3.14×0.54 | 1.69 | 小屋束 | 又 | 0.85 | 小屋束 | 又 | 0.85 |
| | 又 | | 計 | 1.69 | | 又 | 0.85 | | 又 | 0.85 |
| | 又-又 | 屋根2 | 3.17×0.54 | 1.71 | 小屋束 | 又 | 0.86 | 小屋束 | 又 | 0.86 |
| | 又 | | 計 | 1.71 | | 又 | 0.86 | | 又 | 0.86 |
| | 又-又 | 屋根2 | 3.04×0.54 | 1.64 | 小屋束 | 又 | 0.82 | 小屋束 | 又 | 0.82 |
| | 又Y２ | | 計 | 1.64 | | 又Y２ | 0.82 | | 又Y２ | 0.82 |
| | 又-又 | 屋根2 | 2.21×0.54 | 1.19 | 小屋束 | 又 | 0.60 | 小屋束 | 又 | 0.60 |
| | 又 | | 計 | 1.19 | | 又 | 0.60 | | 又 | 0.60 |
| | 又-又 | 屋根2 | 2.75×0.54 | 1.49 | 小屋束 | 又 | 0.74 | 小屋束 | 又 | 0.74 |
| | Y３ | | 計 | 1.49 | | Y３ | 0.74 | | Y３ | 0.74 |

| 母屋 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又-又 | 屋根2 | 2.25×0.54 | 1.22 | 小屋束 | 又 | 0.61 | 小屋束 | 又 | 0.61 |
| | Y４ | 屋根3 | 1.08×0.53 | 0.58 | | Y４ | 0.29 | | Y４ | 0.29 |
| | | | 計 | 1.79 | | | 0.90 | | | 0.90 |
| | 又-又 | 屋根3 | 2.89×0.53 | 1.54 | 小屋束 | 又 | 0.77 | 小屋束 | 又 | 0.77 |
| | 又 | | 計 | 1.54 | | 又 | 0.77 | | 又 | 0.77 |
| | 又-又 | 屋根3 | 3.37×0.53 | 1.80 | 小屋束 | 又 | 0.90 | 小屋束 | 又 | 0.90 |
| | 又 | | 計 | 1.80 | | 又 | 0.90 | | 又 | 0.90 |
| | 又-又 | 屋根3 | 3.42×0.53 | 1.82 | 小屋束 | 又 | 0.91 | 小屋束 | 又 | 0.91 |
| | 又Y５ | | 計 | 1.82 | | 又Y５ | 0.91 | | 又Y５ | 0.91 |
| | 又-又 | 屋根3 | 3.66×0.53 | 1.95 | 小屋束 | 又 | 0.98 | 小屋束 | 又 | 0.98 |
| | Y６ | | 計 | 1.95 | | Y６ | 0.98 | | Y６ | 0.98 |
| | 又-又 | 軒先3 | 0.59×0.46 | 0.28 | 小屋束 | 又 | 0.14 | 小屋束 | 又 | 0.14 |
| | Y７ | 屋根3 | 1.80×0.53 | 0.96 | | Y７ | 0.48 | | Y７ | 0.48 |
| | | | 計 | 1.24 | | | 0.62 | | | 0.62 |
| | 又-又 | 屋根2 | 3.14×0.54 | 1.69 | 小屋束 | 又 | 0.85 | 小屋束 | 又 | 0.85 |
| | 又 | | 計 | 1.69 | | 又 | 0.85 | | 又 | 0.85 |
| | 又-又 | 屋根2 | 3.17×0.54 | 1.71 | 小屋束 | 又 | 0.86 | 小屋束 | 又 | 0.86 |
| | 又 | | 計 | 1.71 | | 又 | 0.86 | | 又 | 0.86 |
| | 又-又 | 屋根2 | 3.04×0.54 | 1.64 | 小屋束 | 又 | 0.82 | 小屋束 | 又 | 0.82 |
| | 又Y２ | | 計 | 1.64 | | 又Y２ | 0.82 | | 又Y２ | 0.82 |
| | 又-又 | 屋根2 | 2.21×0.54 | 1.19 | 小屋束 | 又 | 0.60 | 小屋束 | 又 | 0.60 |
| | 又 | | 計 | 1.19 | | 又 | 0.60 | | 又 | 0.60 |
| | 又-又 | 屋根2 | 2.75×0.54 | 1.49 | 小屋束 | 又 | 0.74 | 小屋束 | 又 | 0.74 |
| | Y３ | | 計 | 1.49 | | Y３ | 0.74 | | Y３ | 0.74 |
| | 又-又X７ | 屋根2 | 2.25×0.54 | 1.22 | 小屋束 | 又 | 0.61 | 小屋束 | 又X７ | 0.61 |
| | Y４ | 屋根3 | 1.08×0.53 | 0.58 | | Y４ | 0.29 | | Y４ | 0.29 |
| | | | 計 | 1.79 | | | 0.90 | | | 0.90 |
| | 又-又X７ | 屋根3 | 2.89×0.53 | 1.54 | 小屋束 | 又 | 0.77 | 小屋束 | 又X７ | 0.77 |
| | 又 | | 計 | 1.54 | | 又 | 0.77 | | 又 | 0.77 |
| | 又-又X７ | 屋根3 | 3.37×0.53 | 1.80 | 小屋束 | 又 | 0.90 | 小屋束 | 又X７ | 0.90 |
| | 又 | | 計 | 1.80 | | 又 | 0.90 | | 又 | 0.90 |
| | 又-又X７ | 屋根3 | 3.42×0.53 | 1.82 | 小屋束 | 又 | 0.91 | 小屋束 | 又X７ | 0.91 |
| | 又Y５ | | 計 | 1.82 | | 又Y５ | 0.91 | | 又Y５ | 0.91 |
| | 又-又X７ | 屋根3 | 3.66×0.53 | 1.95 | 小屋束 | 又 | 0.98 | 小屋束 | 又X７ | 0.98 |
| | Y６ | | 計 | 1.95 | | Y６ | 0.98 | | Y６ | 0.98 |
| | 又-又X７ | 軒先3 | 0.59×0.46 | 0.28 | 小屋束 | 又 | 0.14 | 小屋束 | 又X７ | 0.14 |
| | Y７ | 屋根3 | 1.80×0.53 | 0.96 | | Y７ | 0.48 | | Y７ | 0.48 |
| | | | 計 | 1.24 | | | 0.62 | | | 0.62 |
| | 又-X８ | 屋根2 | 3.14×0.54 | 1.69 | 小屋束 | 又 | 0.85 | 小屋束 | X８ | 0.85 |
| | 又 | | 計 | 1.69 | | 又 | 0.85 | | 又 | 0.85 |
| | 又-X８ | 屋根2 | 3.17×0.54 | 1.71 | 小屋束 | 又 | 0.86 | 小屋束 | X８ | 0.86 |
| | 又 | | 計 | 1.71 | | 又 | 0.86 | | 又 | 0.86 |
| | 又-X８ | 屋根2 | 3.04×0.54 | 1.64 | 小屋束 | 又 | 0.82 | 小屋束 | X８ | 0.82 |
| | 又Y２ | | 計 | 1.64 | | 又Y２ | 0.82 | | 又Y２ | 0.82 |
| | 又-X８ | 屋根2 | 2.21×0.54 | 1.19 | 小屋束 | 又 | 0.60 | 小屋束 | X８ | 0.60 |
| | 又 | | 計 | 1.19 | | 又 | 0.60 | | 又 | 0.60 |
| | 又X７-X９ | 屋根2 | 2.59×0.59 | 1.53 | 小屋束 | 又X７ | 0.76 | 小屋束 | X９ | 0.76 |
| | Y４ | 屋根3 | 1.25×0.58 | 0.73 | | Y４ | 0.36 | | Y４ | 0.36 |
| | | | 計 | 2.26 | | | 1.13 | | | 1.13 |
| | 又X７-X９ | 屋根3 | 3.32×0.58 | 1.94 | 小屋束 | 又X７ | 0.97 | 小屋束 | X９ | 0.97 |
| | 又 | | 計 | 1.94 | | 又 | 0.97 | | 又 | 0.97 |
| | 又X７-X９ | 屋根3 | 3.87×0.58 | 2.26 | 小屋束 | 又X７ | 1.13 | 小屋束 | X９ | 1.13 |
| | 又 | | 計 | 2.26 | | 又 | 1.13 | | 又 | 1.13 |
| | 又X７-X９ | 屋根3 | 3.93×0.58 | 2.30 | 小屋束 | 又X７ | 1.15 | 小屋束 | X９ | 1.15 |
| | 又Y５ | | 計 | 2.30 | | 又Y５ | 1.15 | | 又Y５ | 1.15 |
| | 又X７-X９ | 屋根3 | 4.20×0.58 | 2.45 | 小屋束 | 又X７ | 1.23 | 小屋束 | X９ | 1.23 |
| | Y６ | | 計 | 2.45 | | Y６ | 1.23 | | Y６ | 1.23 |
| | 又X７-X９ | 軒先3 | 0.68×0.51 | 0.35 | 小屋束 | 又X７ | 0.18 | 小屋束 | X９ | 0.18 |
| | Y７ | 屋根3 | 2.07×0.58 | 1.21 | | Y７ | 0.60 | | Y７ | 0.60 |
| | | | 計 | 1.56 | | | 0.78 | | | 0.78 |

| 母屋 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X8-X9 | 屋根2 | 1.34×0.54 | 0.72 | 小屋束 | X8 | 0.36 | 小屋束 | X9 | 0.36 |
| | 又 | | 計 | 0.72 | | 又 | 0.36 | | 又 | 0.36 |
| | X8-X9 | 屋根2 | 1.35×0.54 | 0.73 | 小屋束 | X8 | 0.36 | 小屋束 | X9 | 0.36 |
| | 又 | | 計 | 0.73 | | 又 | 0.36 | | 又 | 0.36 |
| | X8-X9 | 屋根2 | 1.30×0.54 | 0.70 | 小屋束 | X8 | 0.35 | 小屋束 | X9 | 0.35 |
| | 又Y2 | | 計 | 0.70 | | 又Y2 | 0.35 | | 又Y2 | 0.35 |
| | X8-X9 | 屋根2 | 0.94×0.54 | 0.51 | 小屋束 | X8 | 0.25 | 小屋束 | X9 | 0.25 |
| | 又 | | 計 | 0.51 | | 又 | 0.25 | | 又 | 0.25 |
| | X9-又X9 | 屋根5 | 1.52×0.54 | 0.82 | 梁 | X9 | 0.41 | 小屋束 | 又X9 | 0.41 |
| | 又-又Y2 | | 計 | 0.82 | | 又Y2-又 | 0.41 | | 又Y2 | 0.41 |
| | X9-又X10 | 屋根5 | 2.79×0.54 | 1.51 | 梁 | X9 | 0.75 | 小屋束 | 又X10 | 0.75 |
| | 又Y3-又 | | 計 | 1.51 | | Y3-又 | 0.75 | | 又 | 0.75 |
| | X9-又X9 | 屋根4 | 0.26×0.53 | 0.14 | 梁 | X9 | 0.07 | 小屋束 | 又X9 | 0.07 |
| | 又-又 | | 計 | 0.14 | | 又-Y4 | 0.07 | | 又 | 0.07 |
| | X9-又X10 | 屋根4 | 1.40×0.53 | 0.74 | 梁 | X9 | 0.37 | 小屋束 | 又X10 | 0.37 |
| | 又Y4-又 | | 計 | 0.74 | | Y4-又 | 0.37 | | 又 | 0.37 |
| | X9-又X10 | 屋根4 | 2.30×0.58 | 1.34 | 小屋束 | X9 | 0.67 | 小屋束 | 又X10 | 0.67 |
| | 又-又 | | 計 | 1.34 | | 又 | 0.67 | | 又 | 0.67 |
| | X9-又X9 | 屋根4 | 0.83×0.53 | 0.44 | 小屋束 | X9 | 0.22 | 小屋束 | 又X9 | 0.22 |
| | 又-又 | | 計 | 0.44 | | 又 | 0.22 | | 又 | 0.22 |
| | X9-X10 | 屋根4 | 1.53×0.53 | 0.81 | 梁 | X9 | 0.41 | 小屋束 | X10 | 0.41 |
| | 又-又Y5 | | 計 | 0.81 | | 又Y5-Y6 | 0.41 | | 又Y5 | 0.41 |
| | X9-又X10 | 屋根4 | 3.11×0.53 | 1.65 | | 受材２へ | | 小屋束 | 又X10 | 1.65 |
| | 又Y6-又 | | 計 | 1.65 | | | | | 又 | 1.65 |
| | X9-又X10 | 屋根4 | 1.76×0.53 | 0.94 | 梁 | X9 | 0.47 | 梁 | 又X9-又X10 | 0.47 |
| | 又Y7-又Y7 | | 計 | 0.94 | | 又Y5-Y8 | 0.47 | | 又-又 | 0.47 |
| | 又X9-又X11 | 屋根4 | 0.93×0.53 | 0.49 | 小屋束 | 又X9 | 0.25 | 小屋束 | 又X11 | 0.25 |
| | 又-又Y3 | | 計 | 0.49 | | 又 | 0.25 | | 又Y3 | 0.25 |
| | 又X9-又X10 | 屋根4 | 1.34×0.53 | 0.71 | 小屋束 | 又X9 | 0.36 | 小屋束 | 又X10 | 0.36 |
| | 又-又 | | 計 | 0.71 | | 又 | 0.36 | | 又 | 0.36 |
| | 又X9-又X11 | 屋根5 | 3.14×0.54 | 1.69 | 小屋束 | 又X9 | 0.85 | 小屋束 | 又X11 | 0.85 |
| | 又Y2-又 | | 計 | 1.69 | | 又Y2 | 0.85 | | 又 | 0.85 |
| | X10-又X11 | 屋根4 | 2.90×0.53 | 1.54 | 小屋束 | X10 | 0.77 | 小屋束 | 又X11 | 0.77 |
| | 又Y5-又 | | 計 | 1.54 | | 又Y5 | 0.77 | | 又 | 0.77 |
| | 又X10-又X11 | 屋根4 | 2.46×0.53 | 1.31 | 小屋束 | 又X10 | 0.65 | 小屋束 | 又X11 | 0.65 |
| | 又-又 | | 計 | 1.31 | | 又 | 0.65 | | 又 | 0.65 |
| | 又X10-又X11 | 屋根4 | 3.09×0.53 | 1.64 | 梁 | 又X9-又X10 | 0.82 | 梁 | 又X11-又X11 | 0.82 |
| | 又Y7-又 | | 計 | 1.64 | | 又-又 | 0.82 | | 又Y6-又 | 0.82 |
| | 又X10-又X11 | 屋根4 | 1.00×0.53 | 0.53 | 小屋束 | 又X10 | 0.26 | 小屋束 | 又X11 | 0.26 |
| | 又-又 | | 計 | 0.53 | | 又 | 0.26 | | 又 | 0.26 |
| | 又X10-又X12 | 屋根4 | 2.90×0.53 | 1.54 | 小屋束 | 又X10 | 0.77 | 小屋束 | 又X12 | 0.77 |
| | 又-又 | | 計 | 1.54 | | 又 | 0.77 | | 又 | 0.77 |
| | 又X10-又X12 | 屋根5 | 2.83×0.54 | 1.53 | 小屋束 | 又X10 | 0.76 | 小屋束 | 又X12 | 0.76 |
| | 又-又 | | 計 | 1.53 | | 又 | 0.76 | | 又 | 0.76 |
| | 又X10-又X12 | 屋根4 | 2.21×0.53 | 1.18 | 小屋束 | 又X10 | 0.59 | 小屋束 | 又X12 | 0.59 |
| | 又-又Y4 | | 計 | 1.18 | | 又 | 0.59 | | 又Y4 | 0.59 |
| | 又X11-又X12 | 屋根4 | 0.93×0.53 | 0.49 | 小屋束 | 又X11 | 0.25 | 小屋束 | 又X12 | 0.25 |
| | 又Y3-又 | | 計 | 0.49 | | 又Y3 | 0.25 | | 又 | 0.25 |
| | 又X11-又X12 | 屋根4 | 1.34×0.53 | 0.71 | 小屋束 | 又X11 | 0.36 | 小屋束 | 又X12 | 0.36 |
| | 又-又 | | 計 | 0.71 | | 又 | 0.36 | | 又 | 0.36 |
| | 又X11-又X13 | 屋根5 | 1.78×0.54 | 0.96 | 小屋束 | 又X11 | 0.48 | 小屋束 | 又X13 | 0.48 |
| | 又-又 | | 計 | 0.96 | | 又 | 0.48 | | 又 | 0.48 |
| | 又X11-又X13 | 屋根4 | 3.07×0.53 | 1.63 | 小屋束 | 又X11 | 0.82 | 小屋束 | 又X13 | 0.82 |
| | 又-又 | | 計 | 1.63 | | 又 | 0.82 | | 又 | 0.82 |
| | 又X11-又X13 | 屋根4 | 2.46×0.53 | 1.31 | 小屋束 | 又X11 | 0.65 | 小屋束 | 又X13 | 0.65 |
| | 又-又Y3 | | 計 | 1.31 | | 又 | 0.65 | | 又Y3 | 0.65 |
| | 又X11-又X13 | 屋根4 | 2.92×0.53 | 1.55 | 梁 | 又X11-又X11 | 0.78 | 梁 | 又X13-又X14 | 0.78 |
| | 又-又Y6 | | 計 | 1.55 | | 又Y6-又 | 0.78 | | 又-又 | 0.78 |
| | 又X12-又X13 | 屋根4 | 1.00×0.53 | 0.53 | 小屋束 | 又X12 | 0.26 | 小屋束 | 又X13 | 0.26 |
| | 又-又Y4 | | 計 | 0.53 | | 又 | 0.26 | | 又Y4 | 0.26 |

| 母屋 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X12-又X14<br>又-又Y５ | 屋根4 | 3.07×0.53<br>計 | 1.63<br>1.63 | 小屋束 | 又X12<br>又 | 0.82<br>0.82 | 小屋束 | 又X14<br>又Y５ | 0.82<br>0.82 |
| | 又X12-又X14<br>又-又Y２ | 屋根5 | 1.26×0.54<br>計 | 0.68<br>0.68 | 小屋束 | 又X12<br>又 | 0.34<br>0.34 | 小屋束 | 又X14<br>又Y２ | 0.34<br>0.34 |
| | 又X12-又X14<br>又Y４-又 | 屋根4 | 2.21×0.53<br>計 | 1.18<br>1.18 | 小屋束 | 又X12<br>又Y４ | 0.59<br>0.59 | 小屋束 | 又X14<br>又 | 0.59<br>0.59 |
| | 又X12-又X14<br>又-又Y２ | 屋根4 | 1.00×0.53<br>計 | 0.53<br>0.53 | 小屋束 | 又X12<br>又 | 0.27<br>0.27 | 小屋束 | 又X14<br>又Y２ | 0.27<br>0.27 |
| | 又X13-又X14<br>又Y４-又Y４ | 屋根4 | 1.34×0.53<br>計 | 0.71<br>0.71 | 小屋束 | 又X13<br>又Y４ | 0.36<br>0.36 | 小屋束 | 又X14<br>又Y４ | 0.36<br>0.36 |
| | 又X13-又X15<br>又-又 | 屋根4 | 3.07×0.53<br>計 | 1.63<br>1.63 | 小屋束 | 又X13<br>又 | 0.82<br>0.82 | 小屋束 | 又X15<br>又 | 0.82<br>0.82 |
| | 又X13-又X15<br>又Y６-又 | 屋根4 | 3.09×0.53<br>計 | 1.64<br>1.64 | 梁 | 又X13-又X14<br>又-又 | 0.82<br>0.82 | 梁 | 又X15-又X15<br>又-又 | 0.82<br>0.82 |
| | 又X13-又X15<br>又Y３-又 | 屋根4 | 1.64×0.53<br>計 | 0.87<br>0.87 | 小屋束 | 又X13<br>又Y３ | 0.44<br>0.44 | 小屋束 | 又X15<br>又 | 0.44<br>0.44 |
| | 又X14-又X14<br>又Y４-又 | 屋根4 | 1.00×0.53<br>計 | 0.53<br>0.53 | 小屋束 | 又X14<br>又Y４ | 0.26<br>0.26 | 小屋束 | 又X14<br>又 | 0.26<br>0.26 |
| | 又X14-又X15<br>又Y５-又 | 屋根4 | 3.07×0.53<br>計 | 1.63<br>1.63 | 小屋束 | 又X14<br>又Y５ | 0.82<br>0.82 | 小屋束 | 又X15<br>又 | 0.82<br>0.82 |
| | 又X14-又X16<br>又-又Y３ | 屋根4 | 1.33×0.53<br>計 | 0.71<br>0.71 | 小屋束 | 又X14<br>又 | 0.35<br>0.35 | 小屋束 | 又X16<br>又Y３ | 0.35<br>0.35 |
| | 又X14-又X15<br>又-又 | 屋根4 | 1.34×0.53<br>計 | 0.71<br>0.71 | 小屋束 | 又X14<br>又 | 0.36<br>0.36 | 小屋束 | 又X15<br>又 | 0.36<br>0.36 |
| | 又X15-又X16<br>又-又Y４ | 屋根4 | 3.07×0.53<br>計 | 1.63<br>1.63 | 小屋束 | 又X15<br>又 | 0.82<br>0.82 | 小屋束 | 又X16<br>又Y４ | 0.82<br>0.82 |
| | 又X15-又X16<br>又-又 | 屋根4 | 3.09×0.53<br>計 | 1.64<br>1.64 | 梁 | 又X15-又X15<br>又-又 | 0.82<br>0.82 | 小屋束 | 又X16<br>又 | 0.82<br>0.82 |
| | 又X15-又X16<br>又-又 | 屋根4 | 1.17×0.53<br>計 | 0.62<br>0.62 | 小屋束 | 又X15<br>又 | 0.31<br>0.31 | 柱 | 又X16<br>又 | 0.31<br>0.31 |
| | 又X15-又X16<br>又-又 | 軒先4<br>屋根4 | 0.28×0.46<br>0.28×0.53<br>計 | 0.13<br>0.15<br>0.28 | 小屋束 | 又X15<br>又 | 0.07<br>0.07<br>0.14 | 小屋束 | 又X16<br>又 | 0.07<br>0.07<br>0.14 |
| | 又X15-又X17<br>又-又 | 屋根4 | 3.07×0.53<br>計 | 1.63<br>1.63 | 小屋束 | 又X15<br>又 | 0.82<br>0.82 | 小屋束 | 又X17<br>又 | 0.82<br>0.82 |
| | 又X16-又X17<br>又-又Y３ | 屋根4 | 1.45×0.53<br>計 | 0.77<br>0.77 | 柱 | 又X16<br>又 | 0.39<br>0.39 | 小屋束 | 又X17<br>又Y３ | 0.39<br>0.39 |
| | 又X16-又X18<br>又-又 | 軒先4<br>屋根4 | 0.18×0.46<br>1.24×0.53<br>計 | 0.08<br>0.66<br>0.74 | 小屋束 | 又X16<br>又 | 0.04<br>0.33<br>0.37 | 柱 | 又X18<br>又 | 0.04<br>0.33<br>0.37 |
| | 又X16-又X17<br>又Y４-又Y４ | 屋根4 | 1.53×0.53<br>計 | 0.82<br>0.82 | 小屋束 | 又X16<br>又Y４ | 0.41<br>0.41 | 小屋束 | 又X17<br>又Y４ | 0.41<br>0.41 |
| | 又X16-又X18<br>又-又Y５ | 屋根4 | 3.09×0.53<br>計 | 1.64<br>1.64 | 小屋束 | 又X16<br>又 | 0.82<br>0.82 | 梁 | 又X17-又X18<br>又-又Y５ | 0.82<br>0.82 |
| | 又X17-又X19<br>又Y３-又 | 屋根4 | 1.66×0.53<br>計 | 0.88<br>0.88 | 小屋束 | 又X17<br>又Y３ | 0.44<br>0.44 | 柱 | 又X19<br>又 | 0.44<br>0.44 |
| | 又X17-又X19<br>又-又 | 屋根4 | 3.07×0.53<br>計 | 1.63<br>1.63 | 小屋束 | 又X17<br>又 | 0.82<br>0.82 | 小屋束 | 又X19<br>又 | 0.82<br>0.82 |
| | 又X17-又X18<br>又Y４-又 | 屋根4 | 1.53×0.53<br>計 | 0.82<br>0.82 | 小屋束 | 又X17<br>又Y４ | 0.41<br>0.41 | 小屋束 | 又X18<br>又 | 0.41<br>0.41 |
| | 又X18-又X20<br>又-又 | 屋根4 | 1.41×0.53<br>計 | 0.75<br>0.75 | 小屋束 | 又X18<br>又 | 0.37<br>0.37 | 小屋束 | 又X20<br>又 | 0.37<br>0.37 |
| | 又X18-又X20<br>又Y５-又 | 屋根4 | 3.09×0.53<br>計 | 1.64<br>1.64 | 梁 | 又X17-又X18<br>又-又Y５ | 0.82<br>0.82 | 小屋束 | 又X20<br>又 | 0.82<br>0.82 |
| | 又X19-又X21<br>又-又Y４ | 屋根4 | 1.66×0.53<br>計 | 0.88<br>0.88 | 小屋束 | 又X19<br>又 | 0.44<br>0.44 | 小屋束 | 又X21<br>又Y４ | 0.44<br>0.44 |
| | 又X20-又X22<br>又-又 | 屋根4 | 1.44×0.53<br>計 | 0.76<br>0.76 | 小屋束 | 又X20<br>又 | 0.38<br>0.38 | 梁 | 又X21-又X22<br>又Y４-又 | 0.38<br>0.38 |
| 1 | X０-又X０<br>Y９ | 屋根1 | 0.68×0.53<br>計 | 0.36<br>0.36 | 柱 | X０<br>Y９ | 0.18<br>0.18 | 柱 | 又X０<br>Y９ | 0.18<br>0.18 |

| 母屋 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X０-又X１<br>Y９ | 屋根1 | 2.05×0.53<br>計 | 1.09<br>1.09 | 柱 | 又X０<br>Y９ | 0.54<br>0.54 | 柱 | 又X１<br>Y９ | 0.54<br>0.54 |
| | 又X１-又X２<br>Y９ | 屋根1 | 3.31×0.53<br>計 | 1.76<br>1.76 | 柱 | 又X１<br>Y９ | 0.88<br>0.88 | 梁 | 又X１-X３<br>Y９ | 0.88<br>0.88 |
| | 又X２-X３<br>Y９ | 屋根1 | 1.62×0.53<br>計 | 0.86<br>0.86 | 梁 | 又X１-X３<br>Y９ | 0.43<br>0.43 | 柱 | X３<br>Y９ | 0.43<br>0.43 |
| | X３-又X３<br>Y９ | 屋根1 | 1.67×0.53<br>計 | 0.89<br>0.89 | 柱 | X３<br>Y９ | 0.44<br>0.44 | 柱 | 又X３<br>Y９ | 0.44<br>0.44 |
| | 又X３-又X４<br>Y９ | 屋根1 | 1.67×0.53<br>計 | 0.89<br>0.89 | 柱 | 又X３<br>Y９ | 0.44<br>0.44 | 柱 | 又X４<br>Y９ | 0.44<br>0.44 |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X0 | 屋根2 | 1.69×0.54 | 0.91 | 梁 | X0 | 0.91 | | | |
| | 又 | 軒先2 | 0.27×0.47 | 0.13 | | 又Y1-又 | 0.13 | | | |
| | | 外壁 | 1.09×0.70 | 0.77 | | | 0.77 | | | |
| | | | 計 | 1.80 | | | 1.80 | | | |
| | 又 | 屋根2 | 1.69×0.54 | 0.91 | 梁 | 又 | 0.91 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | | Y1-Y3 | 0.85 | | | |
| | | | 計 | 1.76 | | | 1.76 | | | |
| | 又X2 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | 又X2 | 0.85 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | | Y1-Y3 | 0.85 | | | |
| | | | 計 | 1.69 | | | 1.69 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | 又 | 0.85 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | | Y1-Y3 | 0.85 | | | |
| | | | 計 | 1.69 | | | 1.69 | | | |
| | X5 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | X5 | 0.85 | | | |
| | 又 | 屋根2 | 1.69×0.54 | 0.91 | | 又Y1-又 | 0.91 | | | |
| | | | 計 | 1.76 | | | 1.76 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | 又 | 0.85 | | | |
| | 又 | 屋根2 | 1.69×0.54 | 0.91 | | Y1-Y3 | 0.91 | | | |
| | | | 計 | 1.76 | | | 1.76 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | 又 | 0.85 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | | Y1-Y3 | 0.85 | | | |
| | | | 計 | 1.69 | | | 1.69 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | 又 | 0.85 | | | |
| | 又 | 屋根2 | 1.57×0.54 | 0.85 | | Y1-Y3 | 0.85 | | | |
| | | | 計 | 1.69 | | | 1.69 | | | |
| | X8 | 屋根2 | 1.57×0.54 | 0.85 | 梁 | X8 | 0.85 | | | |
| | 又 | 屋根2 | 0.67×0.54 | 0.36 | | Y1-Y3 | 0.36 | | | |
| | | | 計 | 1.21 | | | 1.21 | | | |
| | X9 | 屋根2 | 0.67×0.54 | 0.36 | 柱 | X9 | 0.36 | | | |
| | 又 | 軒先2 | 0.27×0.47 | 0.13 | | 又 | 0.13 | | | |
| | | 外壁 | 1.08×0.70 | 0.75 | | | 0.75 | | | |
| | | | 計 | 1.24 | | | 1.24 | | | |
| | X0 | 屋根2 | 1.70×0.54 | 0.92 | 梁 | X0 | 0.92 | | | |
| | 又 | 軒先2 | 0.25×0.47 | 0.12 | | 又-Y2 | 0.12 | | | |
| | | 外壁 | 1.18×0.70 | 0.83 | | | 0.83 | | | |
| | | 軒先2 | 0.27×0.47 | 0.13 | | | 0.13 | | | |
| | | 外壁 | 1.09×0.70 | 0.77 | | | 0.77 | | | |
| | | | 計 | 2.76 | | | 2.76 | | | |
| | 又 | 屋根2 | 1.70×0.54 | 0.92 | 梁 | 又 | 0.92 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | Y1-Y3 | 0.86 | | | |
| | | | 計 | 1.77 | | | 1.77 | | | |
| | 又X2 | 屋根2 | 1.59×0.54 | 0.86 | 梁 | 又X2 | 0.86 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | Y1-Y3 | 0.86 | | | |
| | | | 計 | 1.71 | | | 1.71 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | 梁 | 又 | 0.86 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | Y1-Y3 | 0.86 | | | |
| | | | 計 | 1.71 | | | 1.71 | | | |
| | X5 | 屋根2 | 1.70×0.54 | 0.92 | 梁 | X5 | 0.92 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | 又-Y2 | 0.86 | | | |
| | | | 計 | 1.77 | | | 1.77 | | | |
| | 又 | 屋根2 | 1.70×0.54 | 0.92 | 梁 | 又 | 0.92 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | Y1-Y3 | 0.86 | | | |
| | | | 計 | 1.77 | | | 1.77 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | 梁 | 又 | 0.86 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | Y1-Y3 | 0.86 | | | |
| | | | 計 | 1.71 | | | 1.71 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | 梁 | 又 | 0.86 | | | |
| | 又 | 屋根2 | 1.59×0.54 | 0.86 | | Y1-Y3 | 0.86 | | | |
| | | | 計 | 1.71 | | | 1.71 | | | |
| | X8 | 屋根2 | 1.59×0.54 | 0.86 | 梁 | X8 | 0.86 | | | |
| | 又 | 屋根2 | 0.68×0.54 | 0.36 | | Y1-Y3 | 0.36 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X8 | | 計 | 1.22 | 梁 | X8 | 1.22 | | | |
| | 又 | | | | | Y1-Y3 | | | | |
| | X9 | 軒先2 | 0.03×0.47 | 0.01 | 梁 | X9 | 0.01 | | | |
| | 又 | 屋根2 | 0.68×0.54 | 0.36 | | 又-Y2 | 0.36 | | | |
| | | 軒先2 | 0.23×0.47 | 0.11 | | | 0.11 | | | |
| | | 外壁 | 0.81×0.70 | 0.57 | | | 0.57 | | | |
| | | 軒先2 | 0.27×0.47 | 0.13 | | | 0.13 | | | |
| | | 外壁 | 1.11×0.70 | 0.78 | | | 0.78 | | | |
| | | | 計 | 1.96 | | | 1.96 | | | |
| | 又X13 | 軒先5 | 0.58×0.47 | 0.27 | 梁 | 又X12-又X13 | 0.27 | | | |
| | 又 | 屋根5 | 0.89×0.54 | 0.48 | | 又-又 | 0.48 | | | |
| | | | 計 | 0.75 | | | 0.75 | | | |
| | 又X11 | 屋根5 | 1.59×0.54 | 0.86 | 梁 | 又X10-又X14 | 0.86 | | | |
| | 又 | 屋根5 | 1.57×0.54 | 0.85 | | 又-又 | 0.85 | | | |
| | | 屋根5 | 0.89×0.54 | 0.48 | | | 0.48 | | | |
| | | | 計 | 2.19 | | | 2.19 | | | |
| | X0 | 屋根2 | 1.64×0.54 | 0.88 | 梁 | X0 | 0.88 | | | |
| | 又Y2 | 軒先2 | 0.25×0.47 | 0.12 | | Y2- | 0.12 | | | |
| | | 外壁 | 1.37×0.70 | 0.96 | | | 0.96 | | | |
| | | 軒先2 | 0.25×0.47 | 0.12 | | | 0.12 | | | |
| | | 外壁 | 1.18×0.70 | 0.83 | | | 0.83 | | | |
| | | | 計 | 2.90 | | | 2.90 | | | |
| | 又 | 屋根2 | 1.64×0.54 | 0.88 | 梁 | 又 | 0.88 | | | |
| | 又Y2 | 屋根2 | 1.52×0.54 | 0.82 | | Y1-Y3 | 0.82 | | | |
| | | | 計 | 1.70 | | | 1.70 | | | |
| | 又X2 | 屋根2 | 1.52×0.54 | 0.82 | 梁 | 又X2 | 0.82 | | | |
| | 又Y2 | 屋根2 | 1.52×0.54 | 0.82 | | Y1-Y3 | 0.82 | | | |
| | | | 計 | 1.64 | | | 1.64 | | | |
| | 又 | 屋根2 | 1.52×0.54 | 0.82 | 梁 | 又 | 0.82 | | | |
| | 又Y2 | 屋根2 | 1.52×0.54 | 0.82 | | Y1-Y3 | 0.82 | | | |
| | | | 計 | 1.64 | | | 1.64 | | | |
| | X5 | 屋根2 | 1.52×0.54 | 0.82 | 梁 | X5 | 0.82 | | | |
| | 又Y2 | 屋根2 | 1.64×0.54 | 0.88 | | Y2- | 0.88 | | | |
| | | | 計 | 1.70 | | | 1.70 | | | |
| | 又 | 屋根2 | 1.52×0.54 | 0.82 | 梁 | 又 | 0.82 | | | |
| | 又Y2 | 屋根2 | 1.64×0.54 | 0.88 | | Y1-Y3 | 0.88 | | | |
| | | | 計 | 1.70 | | | 1.70 | | | |
| | 又 | 屋根2 | 1.52×0.54 | 0.82 | 梁 | 又 | 0.82 | | | |
| | 又Y2 | 屋根2 | 1.52×0.54 | 0.82 | | Y1-Y3 | 0.82 | | | |
| | | | 計 | 1.64 | | | 1.64 | | | |
| | 又 | 屋根2 | 1.52×0.54 | 0.82 | 梁 | 又 | 0.82 | | | |
| | 又Y2 | 屋根2 | 1.52×0.54 | 0.82 | | Y1-Y3 | 0.82 | | | |
| | | | 計 | 1.64 | | | 1.64 | | | |
| | X8 | 屋根2 | 0.65×0.54 | 0.35 | 梁 | X8 | 0.35 | | | |
| | 又Y2 | 屋根2 | 1.52×0.54 | 0.82 | | Y1-Y3 | 0.82 | | | |
| | | | 計 | 1.17 | | | 1.17 | | | |
| | X9 | 屋根5 | 0.03×0.54 | 0.02 | 梁 | X9 | 0.02 | | | |
| | 又Y2 | 屋根2 | 0.65×0.54 | 0.35 | | Y2-又 | 0.35 | | | |
| | | 軒先2 | 0.25×0.47 | 0.12 | | | 0.12 | | | |
| | | 外壁 | 0.45×0.70 | 0.31 | | | 0.31 | | | |
| | | 内壁 | 0.70×0.54 | 0.38 | | | 0.38 | | | |
| | | 軒先2 | 0.24×0.47 | 0.12 | | | 0.12 | | | |
| | | 外壁 | 0.53×0.70 | 0.37 | | | 0.37 | | | |
| | | 屋根5 | 0.40×0.54 | 0.22 | | | 0.22 | | | |
| | | 外壁 | 0.45×0.70 | 0.31 | | | 0.31 | | | |
| | | 内壁 | 0.70×0.54 | 0.38 | | | 0.38 | | | |
| | | | 計 | 2.57 | | | 2.57 | | | |
| | 又X14 | 屋根5 | 0.63×0.54 | 0.34 | 梁 | 又X13-又X14 | 0.34 | | | |
| | 又Y2 | | 計 | 0.34 | | 又-又 | 0.34 | | | |
| | 又X9 | 屋根5 | 0.76×0.54 | 0.41 | 梁 | X9-又X13 | 0.41 | | | |
| | 又Y2 | 屋根5 | 1.57×0.54 | 0.85 | | 又-又Y4 | 0.85 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X９<br>又Y２ | | 計 | 1.26 | 梁 | X９-又X13<br>又-又Y４ | 1.26 | | | |
| | 又X14<br>又Y２ | 屋根4 | 0.50×0.53<br>計 | 0.27<br>0.27 | 梁 | 又X13-又X14<br>又-又 | 0.27<br>0.27 | | | |
| | 又X12<br>又 | 屋根5<br>屋根5<br>屋根5 | 1.78×0.54<br>1.42×0.54<br>0.63×0.54<br>計 | 0.96<br>0.76<br>0.34<br>2.06 | 梁 | 又X10-又X14<br>又-又 | 0.96<br>0.76<br>0.34<br>2.06 | | | |
| | 又X15<br>又 | 屋根4 | 0.82×0.53<br>計 | 0.44<br>0.44 | 梁 | 又X14-又X15<br>又-又 | 0.44<br>0.44 | | | |
| | 又X12<br>又 | 屋根4<br>屋根4 | 0.46×0.53<br>0.50×0.53<br>計 | 0.25<br>0.27<br>0.51 | 梁 | 又X10-又X14<br>又-又 | 0.25<br>0.27<br>0.51 | | | |
| | X０<br>又 | 屋根2<br>軒先2<br>外壁<br>軒先2<br>外壁 | 1.19×0.54<br>0.11×0.47<br>0.67×0.70<br>0.25×0.47<br>1.37×0.70<br>計 | 0.64<br>0.05<br>0.47<br>0.12<br>0.96<br>2.24 | 梁 | X０<br>-Y３ | 0.64<br>0.05<br>0.47<br>0.12<br>0.96<br>2.24 | | | |
| | 又<br>又 | 屋根2<br>屋根2 | 1.19×0.54<br>1.11×0.54<br>計 | 0.64<br>0.60<br>1.24 | 梁 | 又<br>Y１-Y３ | 0.64<br>0.60<br>1.24 | | | |
| | 又X２<br>又 | 屋根2<br>屋根2 | 1.11×0.54<br>1.11×0.54<br>計 | 0.60<br>0.60<br>1.19 | 梁 | 又X２<br>Y１-Y３ | 0.60<br>0.60<br>1.19 | | | |
| | 又<br>又 | 屋根2<br>屋根2 | 1.11×0.54<br>1.11×0.54<br>計 | 0.60<br>0.60<br>1.19 | 梁 | 又<br>Y１-Y３ | 0.60<br>0.60<br>1.19 | | | |
| | X５<br>又 | 屋根2<br>屋根2 | 1.11×0.54<br>1.19×0.54<br>計 | 0.60<br>0.64<br>1.24 | 梁 | X５<br>-Y３ | 0.60<br>0.64<br>1.24 | | | |
| | 又<br>又 | 屋根2<br>屋根2 | 1.19×0.54<br>1.11×0.54<br>計 | 0.64<br>0.60<br>1.24 | 梁 | 又<br>Y１-Y３ | 0.64<br>0.60<br>1.24 | | | |
| | 又<br>又 | 屋根2<br>屋根2 | 1.11×0.54<br>1.11×0.54<br>計 | 0.60<br>0.60<br>1.19 | 梁 | 又<br>Y１-Y３ | 0.60<br>0.60<br>1.19 | | | |
| | 又<br>又 | 屋根2<br>屋根2 | 1.11×0.54<br>1.11×0.54<br>計 | 0.60<br>0.60<br>1.19 | 梁 | 又<br>Y１-Y３ | 0.60<br>0.60<br>1.19 | | | |
| | X８<br>又 | 屋根2<br>屋根2 | 1.11×0.54<br>0.47×0.54<br>計 | 0.60<br>0.25<br>0.85 | 梁 | X８<br>Y１-Y３ | 0.60<br>0.25<br>0.85 | | | |
| | X９<br>又 | 屋根5<br>屋根2<br>軒先2<br>外壁<br>軒先2<br>外壁<br>内壁<br>屋根5<br>外壁<br>内壁 | 0.24×0.54<br>0.47×0.54<br>0.11×0.47<br>0.21×0.70<br>0.25×0.47<br>0.45×0.70<br>0.70×0.54<br>0.36×0.54<br>0.45×0.70<br>0.70×0.54<br>計 | 0.13<br>0.25<br>0.05<br>0.15<br>0.12<br>0.31<br>0.38<br>0.19<br>0.31<br>0.38<br>2.28 | 梁 | X９<br>又-Y３ | 0.13<br>0.25<br>0.05<br>0.15<br>0.12<br>0.31<br>0.38<br>0.19<br>0.31<br>0.38<br>2.28 | | | |
| | 又X10<br>又 | 屋根5<br>屋根5 | 1.40×0.54<br>1.42×0.54<br>計 | 0.75<br>0.76<br>1.52 | 梁 | X９-又X13<br>又-又Y４ | 0.75<br>0.76<br>1.52 | | | |
| | 又X16<br>又 | 屋根4<br>軒先4<br>屋根4<br>軒先4 | 0.62×0.53<br>0.09×0.46<br>0.14×0.53<br>0.14×0.46 | 0.33<br>0.04<br>0.07<br>0.07 | 梁 | 又X15-又X18<br>又-又 | 0.33<br>0.04<br>0.07<br>0.07 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X16<br>又 | | 計 | 0.51 | 梁 | 又X15-又X18<br>又-又 | 0.51 | | | |
| | 又X15<br>又 | 屋根4<br>屋根4<br>軒先4 | 1.04×0.53<br>0.14×0.53<br>0.14×0.46<br>計 | 0.55<br>0.07<br>0.07<br>0.69 | 柱 | 又X15<br>又 | 0.55<br>0.07<br>0.07<br>0.69 | | | |
| | X０<br>Y３ | 屋根2<br>軒先2<br>外壁<br>軒先2<br>外壁 | 1.26×0.54<br>0.10×0.47<br>0.65×0.70<br>0.11×0.47<br>0.67×0.70<br>計 | 0.68<br>0.05<br>0.45<br>0.05<br>0.47<br>1.70 | 柱 | X０<br>Y３ | 0.68<br>0.05<br>0.45<br>0.05<br>0.47<br>1.70 | | | |
| | 又<br>Y３ | 屋根2<br>屋根2 | 1.26×0.54<br>1.17×0.54<br>計 | 0.68<br>0.63<br>1.31 | 梁 | 又-又<br>Y３ | 0.68<br>0.63<br>1.31 | | | |
| | 又X２<br>Y３ | 屋根2<br>屋根2 | 1.30×0.54<br>1.17×0.54<br>計 | 0.71<br>0.63<br>1.34 | 梁 | 又-X３<br>Y３ | 0.71<br>0.63<br>1.34 | | | |
| | 又<br>Y３ | 屋根2<br>屋根2 | 1.17×0.54<br>1.88×0.56<br>計 | 0.63<br>1.05<br>1.68 | 梁 | X３-又X４<br>Y３ | 0.63<br>1.05<br>1.68 | | | |
| | X５<br>Y３ | 屋根2<br>屋根2<br>屋根2 | 1.48×0.54<br>1.17×0.54<br>0.24×0.59<br>計 | 0.80<br>0.63<br>0.14<br>1.57 | 柱 | X５<br>Y３ | 0.80<br>0.63<br>0.14<br>1.57 | | | |
| | 又<br>Y３ | 屋根2<br>屋根2 | 1.38×0.54<br>1.48×0.54<br>計 | 0.74<br>0.80<br>1.54 | 梁 | 又-又<br>Y３ | 0.74<br>0.80<br>1.54 | | | |
| | 又<br>Y３ | 屋根2<br>屋根2 | 1.38×0.54<br>1.38×0.54<br>計 | 0.74<br>0.74<br>1.49 | 梁 | 又-又X６<br>Y３ | 0.74<br>0.74<br>1.49 | | | |
| | 又<br>Y３ | 屋根2<br>屋根2 | 1.38×0.54<br>1.38×0.54<br>計 | 0.74<br>0.74<br>1.49 | 梁 | 又X６-又X７<br>Y３ | 0.74<br>0.74<br>1.49 | | | |
| | X８<br>Y３ | 屋根2<br>屋根2 | 0.59×0.54<br>1.38×0.54<br>計 | 0.32<br>0.74<br>1.06 | 梁 | 又X７-X９<br>Y３ | 0.32<br>0.74<br>1.06 | | | |
| | X９<br>Y３ | 軒先2<br>外壁<br>軒先2<br>外壁<br>屋根2<br>屋根5<br>外壁 | 0.15×0.47<br>0.28×0.70<br>0.11×0.47<br>0.21×0.70<br>0.59×0.54<br>0.74×0.54<br>0.28×0.70<br>計 | 0.07<br>0.20<br>0.05<br>0.15<br>0.32<br>0.40<br>0.20<br>1.38 | 柱 | X９<br>Y３ | 0.07<br>0.20<br>0.05<br>0.15<br>0.32<br>0.40<br>0.20<br>1.38 | | | |
| | 又X13<br>又Y３ | 屋根4<br>屋根4<br>屋根4 | 1.00×0.53<br>1.23×0.53<br>0.82×0.53<br>計 | 0.53<br>0.65<br>0.44<br>1.62 | 梁 | 又X10-又X14<br>又-又 | 0.53<br>0.65<br>0.44<br>1.62 | | | |
| | 又X11<br>又Y３ | 屋根4<br>屋根4 | 0.46×0.53<br>0.46×0.53<br>計 | 0.25<br>0.25<br>0.49 | 梁 | X９-又X13<br>又-又Y４ | 0.25<br>0.25<br>0.49 | | | |
| | 又X16<br>又Y３ | 屋根4<br>屋根4 | 0.34×0.53<br>0.67×0.53<br>計 | 0.18<br>0.35<br>0.54 | 梁 | 又X15-又X16<br>又-又 | 0.18<br>0.35<br>0.54 | | | |
| | X０<br>又Y３ | 屋根2<br>軒先2<br>外壁<br>軒先2<br>外壁 | 0.87×0.59<br>0.24×0.47<br>1.60×0.70<br>0.10×0.47<br>0.65×0.70<br>計 | 0.51<br>0.11<br>1.12<br>0.05<br>0.45<br>2.24 | 柱 | X０<br>又Y３ | 0.51<br>0.11<br>1.12<br>0.05<br>0.45<br>2.24 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X17 | 屋根4 | 1.24×0.53 | 0.66 | 梁 | 又X16-又X17 | 0.66 | | | |
| | 又Y３ | 屋根4 | 0.72×0.53 | 0.39 | | 又-又Y３ | 0.39 | | | |
| | | 屋根4 | 0.83×0.53 | 0.44 | | | 0.44 | | | |
| | | | 計 | 1.49 | | | 1.49 | | | |
| | 又X11 | 屋根4 | 1.23×0.53 | 0.65 | 梁 | X９-又X13 | 0.65 | | | |
| | 又 | 屋根4 | 1.23×0.53 | 0.65 | | 又-又Y４ | 0.65 | | | |
| | | | 計 | 1.31 | | | 1.31 | | | |
| | 又X９ | 屋根4 | 0.13×0.53 | 0.07 | 梁 | X９-又X11 | 0.07 | | | |
| | 又 | 屋根4 | 0.46×0.53 | 0.25 | | 又Y３-又 | 0.25 | | | |
| | | | 計 | 0.31 | | | 0.31 | | | |
| | X９ | 屋根5 | 0.12×0.54 | 0.06 | 梁 | X９ | 0.06 | | | |
| | 又 | 軒先2 | 0.19×0.47 | 0.09 | | Y３-又 | 0.09 | | | |
| | | 外壁 | 0.11×0.70 | 0.08 | | | 0.08 | | | |
| | | 軒先2 | 0.15×0.47 | 0.07 | | | 0.07 | | | |
| | | 外壁 | 0.28×0.70 | 0.20 | | | 0.20 | | | |
| | | 屋根4 | 0.11×0.53 | 0.06 | | | 0.06 | | | |
| | | 外壁 | 0.12×0.70 | 0.08 | | | 0.08 | | | |
| | | 屋根5 | 0.65×0.54 | 0.35 | | | 0.35 | | | |
| | | 外壁 | 0.28×0.70 | 0.20 | | | 0.20 | | | |
| | | | 計 | 1.19 | | | 1.19 | | | |
| | 又X20 | 屋根4 | 0.70×0.53 | 0.37 | 柱 | 又X20 | 0.37 | | | |
| | 又 | | 計 | 0.37 | | 又 | 0.37 | | | |
| | 又X14 | 屋根4 | 0.67×0.53 | 0.35 | 梁 | 又X10-又X14 | 0.35 | | | |
| | 又 | 屋根4 | 1.11×0.53 | 0.59 | | 又-又 | 0.59 | | | |
| | | | 計 | 0.94 | | | 0.94 | | | |
| | 又X15 | 屋根4 | 0.67×0.53 | 0.36 | 梁 | 又X15-又X16 | 0.36 | | | |
| | 又 | 屋根4 | 0.58×0.53 | 0.31 | | 又-又 | 0.31 | | | |
| | | | 計 | 0.67 | | | 0.67 | | | |
| | 又X10 | 屋根4 | 0.70×0.53 | 0.37 | 梁 | X９-又X11 | 0.37 | | | |
| | 又 | 屋根4 | 1.23×0.53 | 0.65 | | 又Y３-又 | 0.65 | | | |
| | | | 計 | 1.02 | | | 1.02 | | | |
| | 又X14 | 屋根4 | 0.50×0.53 | 0.26 | 梁 | 又X14-又X15 | 0.26 | | | |
| | 又 | 屋根4 | 0.67×0.53 | 0.36 | | 又Y４-又 | 0.36 | | | |
| | | | 計 | 0.62 | | | 0.62 | | | |
| | 又X18 | 屋根4 | 1.66×0.53 | 0.88 | 梁 | 又X16-又X18 | 0.88 | | | |
| | 又 | 屋根4 | 0.70×0.53 | 0.37 | | 又Y４-又 | 0.37 | | | |
| | | 屋根4 | 0.77×0.53 | 0.41 | | | 0.41 | | | |
| | | | 計 | 1.66 | | | 1.66 | | | |
| | X０ | 屋根2 | 0.22×0.54 | 0.12 | 柱 | X０ | 0.12 | | | |
| | Y４ | 屋根3 | 0.89×0.53 | 0.47 | | Y４ | 0.47 | | | |
| | | 軒先3 | 0.27×0.46 | 0.13 | | | 0.13 | | | |
| | | 外壁 | 1.86×0.70 | 1.30 | | | 1.30 | | | |
| | | 屋根2 | 2.15×0.59 | 1.27 | | | 1.27 | | | |
| | | 軒先2 | 0.24×0.47 | 0.11 | | | 0.11 | | | |
| | | 外壁 | 1.60×0.70 | 1.12 | | | 1.12 | | | |
| | | | 計 | 4.53 | | | 4.53 | | | |
| | 又 | 屋根2 | 0.22×0.54 | 0.12 | 梁 | X０-X２ | 0.12 | | | |
| | Y４ | 屋根3 | 0.89×0.53 | 0.47 | | Y４ | 0.47 | | | |
| | | 屋根2 | 0.26×0.59 | 0.15 | | | 0.15 | | | |
| | | 屋根3 | 1.03×0.58 | 0.60 | | | 0.60 | | | |
| | | | 計 | 1.35 | | | 1.35 | | | |
| | X３ | 屋根2 | 0.26×0.59 | 0.15 | 柱 | X３ | 0.15 | | | |
| | Y４ | 屋根3 | 1.03×0.58 | 0.60 | | Y４ | 0.60 | | | |
| | | 屋根2 | 0.13×0.54 | 0.07 | | | 0.07 | | | |
| | | 屋根3 | 0.50×0.53 | 0.27 | | | 0.27 | | | |
| | | | 計 | 1.09 | | | 1.09 | | | |
| | | 屋根2 | 0.13×0.54 | 0.07 | 柱 | | 0.07 | | | |
| | Y４ | 屋根3 | 0.50×0.53 | 0.27 | | Y４ | 0.27 | | | |
| | | 屋根2 | 0.24×0.59 | 0.14 | | | 0.14 | | | |
| | | 屋根3 | 0.96×0.58 | 0.56 | | | 0.56 | | | |
| | | 屋根2 | 3.37×0.59 | 1.99 | | | 1.99 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | | | 計 | 3.03 | 柱 | | 3.03 | | | |
| | X4<br>Y4 | 屋根2<br>屋根3<br>屋根2<br>屋根3<br>屋根2 | 0.24×0.59<br>0.96×0.58<br>1.11×0.54<br>0.54×0.53<br>0.96×0.59 | 0.14<br>0.56<br>0.60<br>0.29<br>0.56 | 柱 | X4<br>Y4 | 0.14<br>0.56<br>0.60<br>0.29<br>0.56 | | | |
| | | | 計 | 2.15 | | | 2.15 | | | |
| | 又<br>Y4 | 屋根2<br>屋根3<br>屋根2<br>屋根3 | 1.11×0.54<br>0.54×0.53<br>1.13×0.54<br>0.54×0.53 | 0.60<br>0.29<br>0.61<br>0.29 | 梁 | X5-又X7<br>Y4 | 0.60<br>0.29<br>0.61<br>0.29 | | | |
| | | | 計 | 1.78 | | | 1.78 | | | |
| | 又<br>Y4 | 屋根2<br>屋根3<br>屋根2<br>屋根3 | 1.13×0.54<br>0.54×0.53<br>1.13×0.54<br>0.54×0.53 | 0.61<br>0.29<br>0.61<br>0.29 | 梁 | X5-又X7<br>Y4 | 0.61<br>0.29<br>0.61<br>0.29 | | | |
| | | | 計 | 1.79 | | | 1.79 | | | |
| | 又X7<br>Y4 | 屋根2<br>屋根3<br>屋根2<br>屋根3 | 1.13×0.54<br>0.54×0.53<br>1.29×0.59<br>0.62×0.58 | 0.61<br>0.29<br>0.76<br>0.36 | 梁 | 又X7<br>Y3-又 | 0.61<br>0.29<br>0.76<br>0.36 | | | |
| | | | 計 | 2.03 | | | 2.03 | | | |
| | X9<br>Y4 | 屋根4<br>屋根2<br>屋根3<br>軒先3<br>内壁<br>軒先2<br>外壁<br>屋根4<br>外壁<br>屋根4<br>内壁 | 0.07×0.53<br>1.29×0.59<br>0.62×0.58<br>0.16×0.46<br>0.46×0.54<br>0.19×0.47<br>0.02×0.70<br>0.02×0.53<br>0.01×0.70<br>0.63×0.53<br>0.46×0.54 | 0.04<br>0.76<br>0.36<br>0.08<br>0.25<br>0.09<br>0.01<br>0.01<br>0.01<br>0.33<br>0.25 | 梁 | X9<br>Y3-又 | 0.04<br>0.76<br>0.36<br>0.08<br>0.25<br>0.09<br>0.01<br>0.01<br>0.01<br>0.33<br>0.25 | | | |
| | | | 計 | 2.20 | | | 2.20 | | | |
| | 又X12<br>又Y4 | 屋根4<br>屋根4 | 1.11×0.53<br>1.11×0.53 | 0.59<br>0.59 | 梁 | X9-又X13<br>又-又Y4 | 0.59<br>0.59 | | | |
| | | | 計 | 1.18 | | | 1.18 | | | |
| | 又X14<br>又Y4 | 屋根4<br>屋根4 | 0.67×0.53<br>0.50×0.53 | 0.36<br>0.26 | 梁 | 又X12-又X14<br>又-又Y4 | 0.36<br>0.26 | | | |
| | | | 計 | 0.62 | | | 0.62 | | | |
| | 又X21<br>又Y4 | 軒先4<br>屋根4 | 0.83×0.46<br>0.83×0.53 | 0.38<br>0.44 | 梁 | 又X20-又X21<br>又-又Y4 | 0.38<br>0.44 | | | |
| | | | 計 | 0.82 | | | 0.82 | | | |
| | 又X17<br>又Y4 | 屋根4<br>屋根4 | 0.77×0.53<br>0.77×0.53 | 0.41<br>0.41 | 梁 | 又X16-又X18<br>又Y4-又 | 0.41<br>0.41 | | | |
| | | | 計 | 0.82 | | | 0.82 | | | |
| | 又X13<br>又Y4 | 屋根4<br>屋根4 | 0.50×0.53<br>0.67×0.53 | 0.26<br>0.36 | 梁 | 又X12-又X14<br>又-又Y4 | 0.26<br>0.36 | | | |
| | | | 計 | 0.62 | | | 0.62 | | | |
| | 又X16<br>又Y4 | 屋根4<br>屋根4 | 1.53×0.53<br>0.77×0.53 | 0.82<br>0.41 | 柱 | 又X16<br>又Y4 | 0.82<br>0.41 | | | |
| | | | 計 | 1.22 | | | 1.22 | | | |
| | 又X10<br>又 | 屋根4<br>屋根4 | 1.15×0.58<br>1.11×0.53 | 0.67<br>0.59 | 梁 | X9-又X11<br>又Y3-又 | 0.67<br>0.59 | | | |
| | | | 計 | 1.26 | | | 1.26 | | | |
| | X5<br>又 | 屋根3 | 1.43×0.53<br>計 | 0.76<br>0.76 | 梁 | X5<br>Y4- | 0.76<br>0.76 | | | |
| | 又<br>又 | 屋根3<br>屋根3 | 1.44×0.53<br>1.43×0.53 | 0.77<br>0.76 | 梁 | X5-又X7<br>又 | 0.77<br>0.76 | | | |
| | | | 計 | 1.53 | | | 1.53 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又 | 屋根3 | 1.44×0.53 | 0.77 | 梁 | X５-又X７ | 0.77 | | | |
| | 又 | 屋根3 | 1.44×0.53 | 0.77 | | 又 | 0.77 | | | |
| | | | 計 | 1.54 | | | 1.54 | | | |
| | 又X７ | 屋根3 | 1.66×0.58 | 0.97 | 柱 | 又X７ | 0.97 | | | |
| | 又 | 屋根3 | 1.44×0.53 | 0.77 | | 又 | 0.77 | | | |
| | | | 計 | 1.74 | | | 1.74 | | | |
| | X９ | 屋根4 | 0.20×0.53 | 0.11 | 柱 | X９ | 0.11 | | | |
| | 又 | 屋根3 | 1.66×0.58 | 0.97 | | 又 | 0.97 | | | |
| | | 軒先3 | 0.16×0.46 | 0.08 | | | 0.08 | | | |
| | | 内壁 | 0.46×0.54 | 0.25 | | | 0.25 | | | |
| | | 軒先3 | 0.14×0.46 | 0.07 | | | 0.07 | | | |
| | | 屋根4 | 0.07×0.53 | 0.04 | | | 0.04 | | | |
| | | 内壁 | 0.46×0.54 | 0.25 | | | 0.25 | | | |
| | | | 計 | 1.75 | | | 1.75 | | | |
| | 又X12 | 屋根4 | 0.50×0.53 | 0.26 | 梁 | 又X10-又X12 | 0.26 | | | |
| | 又 | 屋根4 | 0.67×0.53 | 0.36 | | 又-又 | 0.36 | | | |
| | | | 計 | 0.62 | | | 0.62 | | | |
| | 又X19 | 屋根4 | 1.41×0.53 | 0.75 | 梁 | 又X17-又X21 | 0.75 | | | |
| | 又 | 屋根4 | 1.53×0.53 | 0.82 | | 又-又Y４ | 0.82 | | | |
| | | 屋根4 | 0.83×0.53 | 0.44 | | | 0.44 | | | |
| | | | 計 | 2.00 | | | 2.00 | | | |
| | 又X11 | 屋根4 | 0.50×0.53 | 0.26 | 梁 | 又X10-又X12 | 0.26 | | | |
| | 又 | 屋根4 | 0.67×0.53 | 0.36 | | 又-又 | 0.36 | | | |
| | | | 計 | 0.62 | | | 0.62 | | | |
| | 又X15 | 屋根4 | 1.53×0.53 | 0.82 | 梁 | 又X13-又X15 | 0.82 | | | |
| | 又 | 屋根4 | 1.53×0.53 | 0.82 | | 又-又 | 0.82 | | | |
| | | | 計 | 1.63 | | | 1.63 | | | |
| | X０ | 屋根3 | 3.00×0.58 | 1.75 | 梁 | X０ | 1.75 | | | |
| | | 軒先3 | 0.27×0.46 | 0.13 | | 又- | 0.13 | | | |
| | | 外壁 | 1.86×0.70 | 1.30 | | | 1.30 | | | |
| | | 軒先3 | 0.27×0.46 | 0.13 | | | 0.13 | | | |
| | | 外壁 | 1.74×0.70 | 1.22 | | | 1.22 | | | |
| | | | 計 | 4.52 | | | 4.52 | | | |
| | X２ | 屋根3 | 1.83×0.58 | 1.07 | 梁 | X２ | 1.07 | | | |
| | | 屋根3 | 3.00×0.58 | 1.75 | | 又- | 1.75 | | | |
| | | | 計 | 2.82 | | | 2.82 | | | |
| | | 屋根3 | 1.83×0.58 | 1.07 | 柱 | | 1.07 | | | |
| | | 屋根3 | 1.91×0.58 | 1.12 | | | 1.12 | | | |
| | | | 計 | 2.19 | | | 2.19 | | | |
| | X５ | 屋根3 | 1.91×0.58 | 1.12 | 柱 | X５ | 1.12 | | | |
| | | | 計 | 1.12 | | | 1.12 | | | |
| | X９ | 屋根4 | 0.04×0.53 | 0.02 | 梁 | X９ | 0.02 | | | |
| | 又 | 屋根4 | 1.15×0.58 | 0.67 | | 又-又 | 0.67 | | | |
| | | 軒先3 | 0.14×0.46 | 0.07 | | | 0.07 | | | |
| | | 軒先3 | 0.13×0.46 | 0.06 | | | 0.06 | | | |
| | | | 計 | 0.82 | | | 0.82 | | | |
| | 又X10 | 屋根4 | 0.50×0.53 | 0.26 | 梁 | 又X10-又X12 | 0.26 | | | |
| | 又 | 屋根4 | 0.67×0.53 | 0.36 | | 又-又 | 0.36 | | | |
| | | | 計 | 0.62 | | | 0.62 | | | |
| | 又X17 | 屋根4 | 1.53×0.53 | 0.82 | 柱 | 又X17 | 0.82 | | | |
| | 又 | 屋根4 | 1.53×0.53 | 0.82 | | 又 | 0.82 | | | |
| | | | 計 | 1.63 | | | 1.63 | | | |
| | 又X９ | 屋根4 | 0.41×0.53 | 0.22 | 梁 | X９-又X10 | 0.22 | | | |
| | 又 | 屋根4 | 0.67×0.53 | 0.36 | | 又-又 | 0.36 | | | |
| | | | 計 | 0.58 | | | 0.58 | | | |
| | 又X13 | 屋根4 | 1.53×0.53 | 0.82 | 柱 | 又X13 | 0.82 | | | |
| | 又 | 屋根4 | 1.53×0.53 | 0.82 | | 又 | 0.82 | | | |
| | | | 計 | 1.63 | | | 1.63 | | | |
| | 又X20 | 屋根4 | 1.66×0.53 | 0.88 | 梁 | 又X18-又X22 | 0.88 | | | |
| | 又 | 屋根4 | 1.55×0.53 | 0.82 | | 又Y５-又 | 0.82 | | | |
| | | 屋根4 | 0.72×0.53 | 0.38 | | | 0.38 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X20<br>又 | | 計 | 2.08 | 梁 | 又X18-又X22<br>又Y５-又 | 2.08 | | | |
| | X５<br>又 | 屋根3 | 1.66×0.53<br>計 | 0.89<br>0.89 | 梁 | X５<br>-Y５ | 0.89<br>0.89 | | | |
| | 又<br>又 | 屋根3<br>屋根3 | 1.66×0.53<br>1.68×0.53<br>計 | 0.89<br>0.90<br>1.78 | 梁 | X５-又X７<br>又 | 0.89<br>0.90<br>1.78 | | | |
| | 又<br>又 | 屋根3<br>屋根3 | 1.68×0.53<br>1.68×0.53<br>計 | 0.90<br>0.90<br>1.80 | 梁 | X５-又X７<br>又 | 0.90<br>0.90<br>1.80 | | | |
| | 又X７<br>又 | 屋根3<br>屋根3 | 1.68×0.53<br>1.93×0.58<br>計 | 0.90<br>1.13<br>2.03 | 柱 | 又X７<br>又 | 0.90<br>1.13<br>2.03 | | | |
| | X９<br>又 | 屋根4<br>屋根3<br>屋根4<br>軒先3<br>軒先3 | 0.24×0.53<br>1.93×0.58<br>0.41×0.53<br>0.13×0.46<br>0.24×0.46<br>計 | 0.13<br>1.13<br>0.22<br>0.06<br>0.11<br>1.65 | 柱 | X９<br>又 | 0.13<br>1.13<br>0.22<br>0.06<br>0.11<br>1.65 | | | |
| | 又X15<br>又 | 屋根4<br>屋根4 | 1.53×0.53<br>1.53×0.53<br>計 | 0.82<br>0.82<br>1.63 | 梁 | 又X14-又X16<br>又Y５-又 | 0.82<br>0.82<br>1.63 | | | |
| | 又X11<br>又 | 屋根4<br>屋根4 | 1.45×0.53<br>1.53×0.53<br>計 | 0.77<br>0.82<br>1.59 | 柱 | 又X11<br>又 | 0.77<br>0.82<br>1.59 | | | |
| | X０<br>Y５ | 屋根3<br>軒先3<br>外壁<br>軒先3<br>外壁 | 1.56×0.53<br>0.27×0.46<br>1.74×0.70<br>0.20×0.46<br>1.22×0.70<br>計 | 0.83<br>0.13<br>1.22<br>0.09<br>0.85<br>3.12 | 柱 | X０<br>Y５ | 0.83<br>0.13<br>1.22<br>0.09<br>0.85<br>3.12 | | | |
| | 又<br>Y５ | 屋根3<br>屋根3 | 1.56×0.53<br>1.80×0.58<br>計 | 0.83<br>1.05<br>1.88 | 梁 | 又X１-又<br>Y５ | 0.83<br>1.05<br>1.88 | | | |
| | X３<br>Y５ | 屋根3<br>屋根3 | 1.80×0.58<br>0.88×0.53<br>計 | 1.05<br>0.47<br>1.52 | 梁 | X３<br>-又 | 1.05<br>0.47<br>1.52 | | | |
| | Y５ | 屋根3<br>屋根3<br>屋根3 | 0.88×0.53<br>1.67×0.58<br>2.53×0.58<br>計 | 0.47<br>0.98<br>1.48<br>2.92 | 柱 | Y５ | 0.47<br>0.98<br>1.48<br>2.92 | | | |
| | X５<br>Y５ | 屋根3 | 1.67×0.58<br>計 | 0.98<br>0.98 | 柱 | X５<br>Y５ | 0.98<br>0.98 | | | |
| | 又X14<br>又Y５ | 屋根4<br>屋根4 | 1.53×0.53<br>1.53×0.53<br>計 | 0.82<br>0.82<br>1.63 | 柱 | 又X14<br>又Y５ | 0.82<br>0.82<br>1.63 | | | |
| | X10<br>又Y５ | 屋根4<br>屋根4 | 0.77×0.53<br>1.45×0.53<br>計 | 0.41<br>0.77<br>1.18 | 柱 | X10<br>又Y５ | 0.41<br>0.77<br>1.18 | | | |
| | X５<br>又Y５ | 屋根3 | 1.69×0.53<br>計 | 0.90<br>0.90 | 梁 | X５<br>Y５- | 0.90<br>0.90 | | | |
| | 又<br>又Y５ | 屋根3<br>屋根3 | 1.69×0.53<br>1.71×0.53<br>計 | 0.90<br>0.91<br>1.81 | 梁 | X５-又X７<br>又Y５ | 0.90<br>0.91<br>1.81 | | | |
| | 又<br>又Y５ | 屋根3<br>屋根3 | 1.71×0.53<br>1.71×0.53<br>計 | 0.91<br>0.91<br>1.82 | 梁 | X５-又X７<br>又Y５ | 0.91<br>0.91<br>1.82 | | | |
| | 又X７<br>又Y５ | 屋根3<br>屋根3 | 1.71×0.53<br>1.97×0.58<br>計 | 0.91<br>1.15<br>2.06 | 柱 | 又X７<br>又Y５ | 0.91<br>1.15<br>2.06 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ９ | 屋根3 | 1.97×0.58 | 1.15 | 柱 | Ｘ９ | 1.15 | | | |
| | 又Ｙ５ | 軒先3 | 0.24×0.46 | 0.11 | | 又Ｙ５ | 0.11 | | | |
| | | 軒先3 | 0.28×0.46 | 0.13 | | | 0.13 | | | |
| | | 屋根4 | 0.55×0.53 | 0.29 | | | 0.29 | | | |
| | | | 計 | 1.68 | | | 1.68 | | | |
| | 又X16 | 屋根4 | 1.55×0.53 | 0.82 | 梁 | 又X15-又X18 | 0.82 | | | |
| | 又 | 屋根4 | 1.55×0.53 | 0.82 | | 又-又Ｙ５ | 0.82 | | | |
| | | | 計 | 1.64 | | | 1.64 | | | |
| | 又X12 | 屋根4 | 1.45×0.53 | 0.77 | 梁 | 又X10-又X14 | 0.77 | | | |
| | 又 | 屋根4 | 1.53×0.53 | 0.82 | | 又-又Ｙ５ | 0.82 | | | |
| | | | 計 | 1.59 | | | 1.59 | | | |
| | ＸＯ | 屋根3 | 3.63×0.58 | 2.12 | 梁 | ＸＯ | 2.12 | | | |
| | 又 | 軒先3 | 0.20×0.46 | 0.09 | | - | 0.09 | | | |
| | | 外壁 | 1.22×0.70 | 0.85 | | | 0.85 | | | |
| | | 軒先3 | 0.20×0.46 | 0.09 | | | 0.09 | | | |
| | | 外壁 | 1.15×0.70 | 0.81 | | | 0.81 | | | |
| | | | 計 | 3.97 | | | 3.97 | | | |
| | Ｘ５ | 屋根3 | 1.43×0.58 | 0.84 | 梁 | Ｘ５ | 0.84 | | | |
| | 又 | | 計 | 0.84 | | -Ｙ６ | 0.84 | | | |
| | 又X10 | 屋根4 | 3.11×0.53 | 1.65 | 柱 | 又X10 | 1.65 | | | |
| | 又 | 屋根4 | 1.45×0.53 | 0.77 | | 又 | 0.77 | | | |
| | | | 計 | 2.42 | | | 2.42 | | | |
| | ＸＯ | 屋根3 | 4.23×0.58 | 2.47 | 柱 | ＸＯ | 2.47 | | | |
| | Ｙ６ | 軒先3 | 0.20×0.46 | 0.09 | | Ｙ６ | 0.09 | | | |
| | | 外壁 | 1.15×0.70 | 0.81 | | | 0.81 | | | |
| | | 軒先3 | 0.27×0.46 | 0.13 | | | 0.13 | | | |
| | | 外壁 | 1.43×0.70 | 1.00 | | | 1.00 | | | |
| | | | 計 | 4.50 | | | 4.50 | | | |
| | | 屋根3 | 4.23×0.58 | 2.47 | 柱 | | 2.47 | | | |
| | Ｙ６ | 屋根3 | 1.67×0.58 | 0.98 | | Ｙ６ | 0.98 | | | |
| | | 屋根3 | 2.53×0.58 | 1.48 | | | 1.48 | | | |
| | | | 計 | 4.93 | | | 4.93 | | | |
| | Ｘ５ | 屋根3 | 1.67×0.58 | 0.98 | 柱 | Ｘ５ | 0.98 | | | |
| | Ｙ６ | 屋根3 | 1.81×0.53 | 0.96 | | Ｙ６ | 0.96 | | | |
| | | | 計 | 1.94 | | | 1.94 | | | |
| | 又 | 屋根3 | 1.83×0.53 | 0.98 | 梁 | Ｘ５-又Ｘ７ | 0.98 | | | |
| | Ｙ６ | 屋根3 | 1.81×0.53 | 0.96 | | Ｙ６ | 0.96 | | | |
| | | | 計 | 1.94 | | | 1.94 | | | |
| | 又 | 屋根3 | 1.83×0.53 | 0.98 | 梁 | Ｘ５-又Ｘ７ | 0.98 | | | |
| | Ｙ６ | 屋根3 | 1.83×0.53 | 0.98 | | Ｙ６ | 0.98 | | | |
| | | | 計 | 1.95 | | | 1.95 | | | |
| | 又Ｘ７ | 屋根3 | 2.10×0.58 | 1.23 | 梁 | 又Ｘ７ | 1.23 | | | |
| | Ｙ６ | 屋根3 | 1.83×0.53 | 0.98 | | 又Ｙ５-Ｙ８ | 0.98 | | | |
| | | | 計 | 2.20 | | | 2.20 | | | |
| | Ｘ９ | 屋根4 | 0.17×0.53 | 0.09 | 梁 | Ｘ９ | 0.09 | | | |
| | Ｙ６ | 屋根3 | 2.10×0.58 | 1.23 | | 又Ｙ５-Ｙ８ | 1.23 | | | |
| | | 軒先3 | 0.28×0.46 | 0.13 | | | 0.13 | | | |
| | | 軒先3 | 0.27×0.46 | 0.13 | | | 0.13 | | | |
| | | 屋根4 | 0.21×0.53 | 0.11 | | | 0.11 | | | |
| | | | 計 | 1.69 | | | 1.69 | | | |
| | ＸＯ | 屋根3 | 0.89×0.53 | 0.47 | 柱 | ＸＯ | 0.47 | | | |
| | Ｙ７ | 軒先3 | 0.29×0.46 | 0.14 | | Ｙ７ | 0.14 | | | |
| | | 軒先3 | 0.27×0.46 | 0.13 | | | 0.13 | | | |
| | | 外壁 | 1.43×0.70 | 1.00 | | | 1.00 | | | |
| | | | 計 | 1.74 | | | 1.74 | | | |
| | 又 | 屋根3 | 0.89×0.53 | 0.47 | 梁 | ＸＯ-Ｘ３ | 0.47 | | | |
| | Ｙ７ | 軒先3 | 0.29×0.46 | 0.14 | | Ｙ７ | 0.14 | | | |
| | | 屋根3 | 1.03×0.58 | 0.60 | | | 0.60 | | | |
| | | 軒先3 | 0.34×0.51 | 0.17 | | | 0.17 | | | |
| | | | 計 | 1.38 | | | 1.38 | | | |

| 小屋束 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ３<br>Ｙ７ | 屋根3<br>軒先3<br>屋根3<br>軒先3 | 1.03×0.58<br>0.34×0.51<br>0.73×0.53<br>0.24×0.46<br>計 | 0.60<br>0.17<br>0.39<br>0.11<br>1.27 | 柱 | Ｘ３<br>Ｙ７ | 0.60<br>0.17<br>0.39<br>0.11<br>1.27 | | | |
| | 又<br>Ｙ７ | 屋根3<br>軒先3<br>屋根3<br>軒先3 | 0.73×0.53<br>0.24×0.46<br>0.73×0.53<br>0.24×0.46<br>計 | 0.39<br>0.11<br>0.39<br>0.11<br>1.00 | 梁 | Ｘ３-Ｘ５<br>Ｙ７ | 0.39<br>0.11<br>0.39<br>0.11<br>1.00 | | | |
| | Ｘ５<br>Ｙ７ | 屋根3<br>軒先3<br>屋根3<br>軒先3 | 0.73×0.53<br>0.24×0.46<br>0.89×0.53<br>0.29×0.46<br>計 | 0.39<br>0.11<br>0.47<br>0.14<br>1.11 | 柱 | Ｘ５<br>Ｙ７ | 0.39<br>0.11<br>0.47<br>0.14<br>1.11 | | | |
| | 又<br>Ｙ７ | 屋根3<br>軒先3<br>屋根3<br>軒先3 | 0.89×0.53<br>0.29×0.46<br>0.90×0.53<br>0.30×0.46<br>計 | 0.47<br>0.14<br>0.48<br>0.14<br>1.23 | 梁 | Ｘ５-又Ｘ７<br>Ｙ７ | 0.47<br>0.14<br>0.48<br>0.14<br>1.23 | | | |
| | 又<br>Ｙ７ | 屋根3<br>軒先3<br>屋根3<br>軒先3 | 0.90×0.53<br>0.30×0.46<br>0.90×0.53<br>0.30×0.46<br>計 | 0.48<br>0.14<br>0.48<br>0.14<br>1.24 | 梁 | Ｘ５-又Ｘ７<br>Ｙ７ | 0.48<br>0.14<br>0.48<br>0.14<br>1.24 | | | |
| | 又Ｘ７<br>Ｙ７ | 屋根3<br>軒先3<br>屋根3<br>軒先3 | 0.90×0.53<br>0.30×0.46<br>1.03×0.58<br>0.34×0.51<br>計 | 0.48<br>0.14<br>0.60<br>0.18<br>1.40 | 梁 | 又Ｘ７<br>又Ｙ５-Ｙ８ | 0.48<br>0.14<br>0.60<br>0.18<br>1.40 | | | |
| | Ｘ９<br>Ｙ７ | 屋根4<br>屋根3<br>軒先3<br>軒先3 | 0.24×0.53<br>1.03×0.58<br>0.34×0.51<br>0.27×0.46<br>計 | 0.13<br>0.60<br>0.18<br>0.13<br>1.03 | 梁 | Ｘ９<br>又Ｙ５-Ｙ８ | 0.13<br>0.60<br>0.18<br>0.13<br>1.03 | | | |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X0 | 軒先2 | 0.22×0.47 | 0.10 | 柱 | X0 | 0.05 | 柱 | X0 | 0.05 |
| | Y1-又Y1 | 外壁 | 1.34×0.70 | 0.94 | | Y1 | 0.47 | | 又Y1 | 0.47 |
| | | | 計 | 1.04 | | | 0.52 | | | 0.52 |
| | X0-又X1 | 外壁 | 0.81×0.70 | 0.56 | 柱 | X0 | 0.28 | 柱 | 又X1 | 0.28 |
| | Y1 | | 計 | 0.56 | | Y1 | 0.28 | | Y1 | 0.28 |
| | X0-又X1 | 軒先2 | 0.27×0.47 | 0.13 | 柱 | X0 | 0.06 | 柱 | 又X1 | 0.06 |
| | Y1 | 屋根2 | 0.74×0.54 | 0.40 | | Y1 | 0.20 | | Y1 | 0.20 |
| | | 外壁 | 0.81×0.70 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 1.09 | | | 0.55 | | | 0.55 |
| | X0 | 屋根2 | 1.69×0.54 | 0.91 | 柱 | X0 | 0.30 | 柱 | X0 | 0.61 |
| | 又Y1-又 | 軒先2 | 0.27×0.47 | 0.13 | | 又Y1 | 0.04 | | 又 | 0.09 |
| | | 外壁 | 1.09×0.70 | 0.77 | | | 0.26 | | | 0.51 |
| | | 軒先2 | 0.27×0.47 | 0.13 | | | 0.09 | | | 0.04 |
| | | 外壁 | 0.55×0.70 | 0.38 | | | 0.06 | | | 0.32 |
| | | 外壁 | 1.88×0.70 | 1.32 | | | 0.66 | | | 0.66 |
| | | | 計 | 3.63 | | | 1.41 | | | 2.22 |
| | X0 | 軒先2 | 0.55×0.47 | 0.26 | 小屋束 | X0 | 0.13 | 小屋束 | X0 | 0.13 |
| | 又-又 | 外壁 | 2.19×0.70 | 1.53 | | 又 | 0.77 | | 又 | 0.77 |
| | 勾配 | | 計 | 1.79 | | | 0.89 | | | 0.89 |
| | X0 | 外壁 | 1.09×0.70 | 0.77 | 柱 | X0 | 0.38 | 柱 | X0 | 0.38 |
| | 又-又 | | 計 | 0.77 | | 又 | 0.38 | | 又 | 0.38 |
| | X0 | 屋根2 | 1.70×0.54 | 0.92 | 柱 | X0 | 0.69 | 柱 | X0 | 0.23 |
| | 又-Y2 | 軒先2 | 0.52×0.47 | 0.25 | | 又 | 0.18 | | Y2 | 0.06 |
| | | 外壁 | 2.28×0.70 | 1.59 | | | 1.20 | | | 0.40 |
| | | 外壁 | 1.94×0.70 | 1.36 | | | 0.51 | | | 0.85 |
| | | 外壁 | 0.55×0.70 | 0.38 | | | 0.34 | | | 0.05 |
| | | | 計 | 4.50 | | | 2.91 | | | 1.59 |
| | X0 | 軒先2 | 0.50×0.47 | 0.23 | 小屋束 | X0 | 0.12 | 小屋束 | X0 | 0.12 |
| | 又-又Y2 | 外壁 | 2.37×0.70 | 1.66 | | 又 | 0.83 | | 又Y2 | 0.83 |
| | 勾配 | | 計 | 1.89 | | | 0.95 | | | 0.95 |
| | X0 | 屋根2 | 1.64×0.54 | 0.88 | 柱 | X0 | 0.74 | 柱 | X0 | 0.15 |
| | Y2- | 軒先2 | 0.50×0.47 | 0.24 | | Y2 | 0.20 | | | 0.04 |
| | | 外壁 | 2.55×0.70 | 1.79 | | | 1.49 | | | 0.29 |
| | | 外壁 | 2.48×0.70 | 1.73 | | | 0.72 | | | 1.01 |
| | | 外壁 | 0.43×0.70 | 0.30 | | | 0.27 | | | 0.02 |
| | | | 計 | 4.94 | | | 3.42 | | | 1.51 |
| | X0 | 軒先2 | 0.50×0.47 | 0.24 | 小屋束 | X0 | 0.12 | 小屋束 | X0 | 0.12 |
| | 又Y2-又 | 外壁 | 2.74×0.70 | 1.92 | | 又Y2 | 0.96 | | 又 | 0.96 |
| | 勾配 | | 計 | 2.15 | | | 1.08 | | | 1.08 |
| | X0 | 屋根2 | 1.19×0.54 | 0.64 | 柱 | X0 | 0.53 | 柱 | X0 | 0.11 |
| | -Y3 | 軒先2 | 0.36×0.47 | 0.17 | | | 0.14 | | Y3 | 0.03 |
| | | 外壁 | 2.04×0.70 | 1.43 | | | 1.18 | | | 0.25 |
| | | 外壁 | 0.26×0.70 | 0.18 | | | 0.17 | | | 0.02 |
| | | 外壁 | 1.34×0.70 | 0.94 | | | 0.39 | | | 0.55 |
| | | | 計 | 3.36 | | | 2.40 | | | 0.96 |
| | X0 | 軒先2 | 0.23×0.47 | 0.11 | 小屋束 | X0 | 0.05 | 小屋束 | X0 | 0.05 |
| | 又-Y3 | 外壁 | 1.34×0.70 | 0.94 | | 又 | 0.47 | | Y3 | 0.47 |
| | 勾配 | | 計 | 1.04 | | | 0.52 | | | 0.52 |
| | X0 | 軒先2 | 0.21×0.47 | 0.10 | 小屋束 | X0 | 0.05 | 小屋束 | X0 | 0.05 |
| | Y3-又Y3 | 外壁 | 1.29×0.70 | 0.90 | | Y3 | 0.45 | | 又Y3 | 0.45 |
| | 勾配 | | 計 | 1.00 | | | 0.50 | | | 0.50 |
| | X0 | 外壁 | 1.29×0.70 | 0.90 | 柱 | X0 | 0.45 | 柱 | X0 | 0.45 |
| | Y3-又Y3 | | 計 | 0.90 | | Y3 | 0.45 | | 又Y3 | 0.45 |
| | X0-又 | 内壁 | 3.04×0.54 | 1.64 | 柱 | X0 | 0.82 | 柱 | 又 | 0.82 |
| | Y3 | | 計 | 1.64 | | Y3 | 0.82 | | Y3 | 0.82 |
| | X0 | 屋根2 | 3.02×0.59 | 1.79 | 小屋束 | X0 | 0.51 | 小屋束 | X0 | 1.27 |
| | 又Y3-Y4 | 軒先2 | 0.48×0.47 | 0.22 | | 又Y3 | 0.11 | | Y4 | 0.11 |
| | 勾配 | 外壁 | 3.19×0.70 | 2.23 | | | 1.12 | | | 1.12 |
| | | | 計 | 4.24 | | | 1.74 | | | 2.50 |
| | X0 | 外壁 | 3.19×0.70 | 2.23 | 柱 | X0 | 1.12 | 柱 | X0 | 1.12 |
| | 又Y3-Y4 | | 計 | 2.23 | | 又Y3 | 1.12 | | Y4 | 1.12 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X0 | 床(小屋裏収納 | 0.88×0.59 | 0.52 | 柱 | X0 | 0.12 | 柱 | X0 | 0.39 |
| | Y4-又 | 床積載 | 0.88×1.30 | 1.14 | | Y4 | 0.28 | | 又 | 0.86 |
| | | 外壁 | 2.45×0.70 | 1.72 | | | 0.86 | | | 0.86 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.08 | | | 0.05 |
| | | 床(小屋裏収納 | 0.02×0.59 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.17 | | | 0.10 |
| | | 床積載 | 0.02×1.30 | 0.03 | | | 0.00 | | | 0.02 |
| | | | 計 | 3.80 | | | 1.51 | | | 2.30 |
| | X0 | 軒先3 | 0.55×0.46 | 0.25 | 小屋束 | X0 | 0.13 | 小屋束 | X0 | 0.13 |
| | Y4- | 外壁 | 3.72×0.70 | 2.61 | | Y4 | 1.30 | | | 1.30 |
| | 勾配 | | 計 | 2.86 | | | 1.43 | | | 1.43 |
| | X0-X2 | 屋根2 | 0.48×0.57 | 0.27 | 柱 | X0 | 0.11 | 柱 | X2 | 0.16 |
| | Y4 | 屋根3 | 1.92×0.56 | 1.07 | | Y4 | 0.44 | | Y4 | 0.64 |
| | | 床(小屋裏収納 | 1.29×0.59 | 0.76 | | | 0.38 | | | 0.38 |
| | | 床積載 | 1.29×1.30 | 1.68 | | | 0.84 | | | 0.84 |
| | | 小屋裏収納内壁 | 3.30×0.98 | 3.23 | | | 1.62 | | | 1.62 |
| | | | 計 | 7.03 | | | 3.39 | | | 3.64 |
| | X0-X2 | 床(小屋裏収納 | 1.29×0.59 | 0.76 | 梁 | X0 | 0.38 | 梁 | X2 | 0.38 |
| | | 床(小屋裏収納 | 0.46×0.59 | 0.27 | | Y4-又 | 0.13 | | 又Y4-又 | 0.13 |
| | | 床積載 | 1.29×1.30 | 1.68 | | | 0.84 | | | 0.84 |
| | | 床積載 | 0.46×1.30 | 0.59 | | | 0.30 | | | 0.30 |
| | | | 計 | 3.31 | | | 1.66 | | | 1.66 |
| | X0 | 屋根3 | 3.00×0.58 | 1.75 | 柱 | X0 | 1.04 | 柱 | X0 | 0.71 |
| | 又- | 軒先3 | 0.55×0.46 | 0.25 | | 又 | 0.15 | | | 0.10 |
| | | 外壁 | 3.60×0.70 | 2.52 | | | 1.50 | | | 1.02 |
| | | 床(小屋裏収納 | 1.11×0.59 | 0.66 | | | 0.39 | | | 0.27 |
| | | 床積載 | 1.11×1.30 | 1.44 | | | 0.86 | | | 0.59 |
| | | 外壁 | 1.27×0.70 | 0.89 | | | 0.71 | | | 0.18 |
| | | 外壁 | 1.74×0.70 | 1.22 | | | 0.36 | | | 0.85 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.04 | | | 0.09 |
| | | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.05 | | | 0.01 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.10×1.30 | 0.12 | | | 0.10 | | | 0.03 |
| | | | 計 | 9.30 | | | 5.27 | | | 4.03 |
| | X0-又X1 | 内壁 | 0.76×0.54 | 0.41 | 柱 | X0 | 0.21 | 柱 | 又X1 | 0.21 |
| | 又 | 床(小屋裏収納 | 0.23×0.59 | 0.14 | | 又 | 0.07 | | 又 | 0.07 |
| | | 床(小屋裏収納 | 0.12×0.59 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.23×1.30 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.12×1.30 | 0.16 | | | 0.08 | | | 0.08 |
| | | | 計 | 1.08 | | | 0.54 | | | 0.54 |
| | X0-又X1 | 内壁 | 0.76×0.54 | 0.41 | 柱 | X0 | 0.21 | 柱 | 又X1 | 0.21 |
| | 又 | | 計 | 0.41 | | 又 | 0.21 | | 又 | 0.21 |
| | X0 | 軒先3 | 0.55×0.46 | 0.25 | 小屋束 | X0 | 0.13 | 小屋束 | X0 | 0.13 |
| | -Y5 | 外壁 | 3.47×0.70 | 2.43 | | | 1.22 | | Y5 | 1.22 |
| | 勾配 | | 計 | 2.68 | | | 1.34 | | | 1.34 |
| | X0-X2 | 床(小屋裏収納 | 1.29×0.59 | 0.76 | 梁 | X0 | 0.38 | 梁 | X2 | 0.38 |
| | | 床(小屋裏収納 | 0.93×0.59 | 0.55 | | 又- | 0.27 | | 又- | 0.27 |
| | | 床積載 | 1.29×1.30 | 1.68 | | | 0.84 | | | 0.84 |
| | | 床積載 | 0.93×1.30 | 1.20 | | | 0.60 | | | 0.60 |
| | | | 計 | 4.20 | | | 2.10 | | | 2.10 |
| | X0 | 外壁 | 1.74×0.70 | 1.22 | 柱 | X0 | 0.61 | 柱 | X0 | 0.61 |
| | -Y5 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | Y5 | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 1.61 | | | 0.80 | | | 0.80 |
| | X0-X2 | 床(小屋裏収納 | 1.29×0.59 | 0.76 | 柱 | X0 | 0.38 | 柱 | X2 | 0.38 |
| | | 床(小屋裏収納 | 1.29×0.59 | 0.76 | | | 0.38 | | | 0.38 |
| | | 床積載 | 1.29×1.30 | 1.68 | | | 0.84 | | | 0.84 |
| | | 床積載 | 1.29×1.30 | 1.68 | | | 0.84 | | | 0.84 |
| | | | 計 | 4.89 | | | 2.45 | | | 2.45 |
| | X0 | 外壁 | 1.63×0.70 | 1.14 | 柱 | X0 | 0.57 | 柱 | X0 | 0.57 |
| | Y5- | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | Y5 | 0.06 | | | 0.06 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X0 | 床積載 | 0.21×1.30 | 0.27 | 柱 | X0 | 0.13 | 柱 | X0 | 0.13 |
| | Y5- | | 計 | 1.53 | | Y5 | 0.77 | | | 0.77 |
| | X0 | 軒先3 | 0.41×0.46 | 0.19 | 小屋束 | X0 | 0.09 | 小屋束 | X0 | 0.09 |
| | Y5-又 | 外壁 | 2.44×0.70 | 1.71 | | Y5 | 0.85 | | 又 | 0.85 |
| | 勾配 | | 計 | 1.90 | | | 0.95 | | | 0.95 |
| | X0-又X1 | 内壁 | 0.76×0.54 | 0.41 | 柱 | X0 | 0.21 | 柱 | 又X1 | 0.21 |
| | Y5 | 床(小屋裏収納 | 0.31×0.59 | 0.18 | | Y5 | 0.09 | | Y5 | 0.09 |
| | | 床(小屋裏収納 | 0.31×0.59 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.31×1.30 | 0.40 | | | 0.20 | | | 0.20 |
| | | 床積載 | 0.31×1.30 | 0.40 | | | 0.20 | | | 0.20 |
| | | | 計 | 1.58 | | | 0.79 | | | 0.79 |
| | X0-又X1 | 内壁 | 0.76×0.54 | 0.41 | 柱 | X0 | 0.21 | 柱 | 又X1 | 0.21 |
| | Y5 | | 計 | 0.41 | | Y5 | 0.21 | | Y5 | 0.21 |
| | X0 | 屋根3 | 3.63×0.58 | 2.12 | 柱 | X0 | 1.06 | 柱 | X0 | 1.06 |
| | - | 軒先3 | 0.41×0.46 | 0.19 | | | 0.09 | | | 0.09 |
| | | 外壁 | 2.37×0.70 | 1.66 | | | 0.83 | | | 0.83 |
| | | 外壁 | 0.81×0.70 | 0.57 | | | 0.43 | | | 0.14 |
| | | 外壁 | 0.77×0.70 | 0.54 | | | 0.13 | | | 0.40 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 5.47 | | | 2.74 | | | 2.73 |
| | X0-X3 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | 柱 | X0 | 0.03 | 梁 | X3 | 0.10 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.06 | | -又 | 0.21 |
| | | 床(小屋裏収納 | 1.71×0.66 | 1.13 | | | 0.56 | | | 0.56 |
| | | 床(小屋裏収納 | 1.29×0.66 | 0.85 | | | 0.52 | | | 0.33 |
| | | 床(小屋裏収納 | 0.21×0.66 | 0.14 | | | 0.01 | | | 0.12 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |
| | | 床積載 | 1.29×1.30 | 1.68 | | | 1.02 | | | 0.66 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.03 | | | 0.24 |
| | | | 計 | 6.68 | | | 3.35 | | | 3.34 |
| | X0 | 軒先3 | 0.41×0.46 | 0.19 | 小屋束 | X0 | 0.09 | 小屋束 | X0 | 0.09 |
| | 又-Y6 | 外壁 | 2.30×0.70 | 1.61 | | 又 | 0.81 | | Y6 | 0.81 |
| | 勾配 | | 計 | 1.80 | | | 0.90 | | | 0.90 |
| | X0 | 外壁 | 1.53×0.70 | 1.07 | 柱 | X0 | 0.54 | 柱 | X0 | 0.54 |
| | -Y6 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | Y6 | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 1.47 | | | 0.73 | | | 0.73 |
| | X0-X3 | 床(小屋裏収納 | 1.71×0.66 | 1.13 | 柱 | X0 | 0.56 | 梁 | X3 | 0.56 |
| | | 床(小屋裏収納 | 1.71×0.66 | 1.13 | | | 0.56 | | 又-Y6 | 0.56 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |
| | | | 計 | 6.70 | | | 3.35 | | | 3.35 |
| | X0 | 床(小屋裏収納 | 1.71×0.66 | 1.13 | 柱 | X0 | 0.56 | 柱 | X0 | 0.56 |
| | Y6-Y7 | 床積載 | 1.71×1.30 | 2.22 | | Y6 | 1.11 | | Y7 | 1.11 |
| | | 外壁 | 2.85×0.70 | 2.00 | | | 1.00 | | | 1.00 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.20 | | | 0.07 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.07 | | | 0.20 |
| | | | 計 | 6.13 | | | 3.06 | | | 3.06 |
| | X0 | 軒先3 | 0.55×0.46 | 0.25 | 小屋束 | X0 | 0.13 | 小屋束 | X0 | 0.13 |
| | Y6-Y7 | 外壁 | 2.85×0.70 | 2.00 | | Y6 | 1.00 | | Y7 | 1.00 |
| | 勾配 | | 計 | 2.25 | | | 1.12 | | | 1.12 |
| | X0-X3 | 床(小屋裏収納 | 1.71×0.66 | 1.13 | 柱 | X0 | 0.56 | 柱 | X3 | 0.56 |
| | Y6 | 床(小屋裏収納 | 1.71×0.66 | 1.13 | | Y6 | 0.56 | | Y6 | 0.56 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |
| | | | 計 | 6.70 | | | 3.35 | | | 3.35 |
| | X0-X3 | 床(小屋裏収納 | 1.71×0.66 | 1.13 | 梁 | X0 | 0.56 | 梁 | X3 | 0.56 |
| | | 床(小屋裏収納 | 1.71×0.66 | 1.13 | | Y6-Y7 | 0.56 | | Y6-Y7 | 0.56 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X0-X3 | 床積載 | 1.71×1.30 | 2.22 | 梁 | X0 | 1.11 | 梁 | X3 | 1.11 |
| | | | 計 | 6.70 | | Y6-Y7 | 3.35 | | Y6-Y7 | 3.35 |
| | X0 | 軒先3 | 0.09×0.46 | 0.04 | 柱 | X0 | 0.04 | 柱 | X0 | 0.00 |
| | Y7-又 | 軒先6 | 0.14×0.46 | 0.06 | | Y7 | 0.03 | | 又 | 0.03 |
| | | 外壁 | 2.63×0.70 | 1.84 | | | 0.92 | | | 0.92 |
| | | | 計 | 1.95 | | | 0.99 | | | 0.96 |
| | X0-X3 | 屋根3 | 1.92×0.56 | 1.07 | 柱 | X0 | 0.58 | 柱 | X3 | 0.50 |
| | Y7 | 軒先3 | 0.63×0.49 | 0.31 | | Y7 | 0.17 | | Y7 | 0.14 |
| | | 外壁 | 4.21×0.70 | 2.95 | | | 1.47 | | | 1.47 |
| | | 床(小屋裏収納 | 1.71×0.66 | 1.13 | | | 0.56 | | | 0.56 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 1.11 | | | 1.11 |
| | | 小屋裏収納内壁 | 4.21×0.84 | 3.54 | | | 1.77 | | | 1.77 |
| | | | 計 | 11.21 | | | 5.66 | | | 5.56 |
| | X0 | 軒先6 | 0.09×0.46 | 0.04 | 柱 | X0 | 0.02 | 柱 | X0 | 0.02 |
| | 又-Y8 | 外壁 | 1.65×0.70 | 1.16 | | 又 | 0.58 | | Y8 | 0.58 |
| | | | 計 | 1.20 | | | 0.60 | | | 0.60 |
| | X0-又X1 | 軒先6 | 0.10×0.46 | 0.05 | 柱 | X0 | 0.02 | 柱 | 又X1 | 0.02 |
| | Y8 | 屋根6 | 2.33×0.53 | 1.24 | | Y8 | 0.62 | | Y8 | 0.62 |
| | | 外壁 | 1.81×0.70 | 1.27 | | | 0.64 | | | 0.64 |
| | | | 計 | 2.56 | | | 1.28 | | | 1.28 |
| | 又X1-又 | 軒先2 | 0.31×0.47 | 0.15 | 柱 | 又X1 | 0.07 | 柱 | 又 | 0.07 |
| | Y1 | 屋根2 | 0.85×0.54 | 0.46 | | Y1 | 0.23 | | Y1 | 0.23 |
| | | 外壁 | 1.85×0.70 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 1.90 | | | 0.95 | | | 0.95 |
| | 又X1-又 | 内壁 | 2.47×0.54 | 1.34 | 柱 | 又X1 | 0.67 | 柱 | 又 | 0.67 |
| | 又 | 床(小屋裏収納 | 0.46×0.59 | 0.27 | | 又 | 0.14 | | 又 | 0.14 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.13 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.46×1.30 | 0.60 | | | 0.30 | | | 0.30 |
| | | 床積載 | 0.21×1.30 | 0.28 | | | 0.14 | | | 0.14 |
| | | | 計 | 2.61 | | | 1.30 | | | 1.30 |
| | 又X1-又 | 屋根3 | 3.35×0.56 | 1.88 | 柱 | 又X1 | 0.55 | 柱 | 又 | 1.33 |
| | Y5 | 内壁 | 2.47×0.54 | 1.34 | | Y5 | 0.67 | | Y5 | 0.67 |
| | | 床(小屋裏収納 | 0.67×0.59 | 0.40 | | | 0.20 | | | 0.20 |
| | | 床(小屋裏収納 | 0.67×0.59 | 0.40 | | | 0.20 | | | 0.20 |
| | | 床積載 | 0.67×1.30 | 0.88 | | | 0.44 | | | 0.44 |
| | | 床積載 | 0.67×1.30 | 0.88 | | | 0.44 | | | 0.44 |
| | | | 計 | 5.76 | | | 2.49 | | | 3.27 |
| | 又X1-X3 | 軒先6 | 0.32×0.46 | 0.15 | 柱 | 又X1 | 0.07 | 柱 | X3 | 0.07 |
| | Y8 | 屋根6 | 7.25×0.53 | 3.85 | | Y8 | 1.93 | | Y8 | 1.93 |
| | | 外壁 | 5.64×0.70 | 3.95 | | | 1.97 | | | 1.97 |
| | | | 計 | 7.95 | | | 3.97 | | | 3.97 |
| | 又-又 | 屋根2 | 2.42×0.54 | 1.31 | 柱 | 又 | 1.00 | 柱 | 又 | 0.31 |
| | Y3 | 屋根2 | 6.41×0.54 | 3.46 | | Y3 | 2.64 | | Y3 | 0.82 |
| | | 内壁 | 0.95×0.54 | 0.51 | | | 0.26 | | | 0.26 |
| | | | 計 | 5.28 | | | 3.90 | | | 1.39 |
| | 又 | 屋根2 | 2.29×0.54 | 1.24 | 柱 | 又 | 0.12 | 梁 | 又-又 | 1.11 |
| | Y1-Y3 | 屋根2 | 3.16×0.54 | 1.70 | | Y1 | 0.55 | | Y3 | 1.15 |
| | | 屋根2 | 3.29×0.54 | 1.77 | | | 0.96 | | | 0.81 |
| | | 屋根2 | 3.26×0.54 | 1.76 | | | 1.38 | | | 0.38 |
| | | | 計 | 6.47 | | | 3.01 | | | 3.46 |
| | 又-又X3 | 屋根2 | 5.38×0.54 | 2.90 | 柱 | 又 | 0.97 | 柱 | 又X3 | 1.94 |
| | Y1 | 軒先2 | 0.82×0.47 | 0.38 | | Y1 | 0.19 | | Y1 | 0.19 |
| | | 屋根2 | 2.23×0.54 | 1.20 | | | 0.60 | | | 0.60 |
| | | 外壁 | 4.83×0.70 | 3.38 | | | 1.69 | | | 1.69 |
| | | | 計 | 7.87 | | | 3.45 | | | 4.42 |
| | 又-又X2 | 屋根2 | 2.34×0.54 | 1.26 | 小屋束 | 又 | 0.63 | 小屋束 | 又X2 | 0.63 |
| | Y3 | | 計 | 1.26 | | Y3 | 0.63 | | Y3 | 0.63 |
| | 又-X3 | 屋根2 | 2.47×0.54 | 1.34 | 柱 | 又 | 0.32 | 柱 | X3 | 1.02 |
| | Y3 | 屋根2 | 6.18×0.54 | 3.34 | | Y3 | 0.80 | | Y3 | 2.54 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | | 計 | 6.32 | | | 1.94 | | | 4.38 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又-Ｘ２ | 内壁 | 0.76×0.54 | 0.41 | 柱 | 又 | 0.21 | 柱 | Ｘ２ | 0.21 |
| | 又 | 床(小屋裏収納 | 0.23×0.59 | 0.14 | | 又 | 0.07 | | 又 | 0.07 |
| | | 床(小屋裏収納 | 0.12×0.59 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.23×1.30 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.12×1.30 | 0.16 | | | 0.08 | | | 0.08 |
| | | | 計 | 1.08 | | | 0.54 | | | 0.54 |
| | 又-Ｘ２ | 内壁 | 0.76×0.54 | 0.41 | 柱 | 又 | 0.21 | 柱 | Ｘ２ | 0.21 |
| | 又 | | 計 | 0.41 | | 又 | 0.21 | | 又 | 0.21 |
| | 又-Ｘ２ | 内壁 | 0.76×0.54 | 0.41 | 柱 | 又 | 0.21 | 柱 | Ｘ２ | 0.21 |
| | Ｙ５ | | 計 | 0.41 | | Ｙ５ | 0.21 | | Ｙ５ | 0.21 |
| | 又-Ｘ２ | 内壁 | 0.76×0.54 | 0.41 | 柱 | 又 | 0.21 | 柱 | Ｘ２ | 0.21 |
| | Ｙ５ | 床(小屋裏収納 | 0.31×0.59 | 0.18 | | Ｙ５ | 0.09 | | Ｙ５ | 0.09 |
| | | 床(小屋裏収納 | 0.31×0.59 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.31×1.30 | 0.40 | | | 0.20 | | | 0.20 |
| | | 床積載 | 0.31×1.30 | 0.40 | | | 0.20 | | | 0.20 |
| | | | 計 | 1.58 | | | 0.79 | | | 0.79 |
| | Ｘ２ | 床(小屋裏収納 | 0.14×0.59 | 0.08 | 柱 | Ｘ２ | 0.04 | 柱 | Ｘ２ | 0.04 |
| | Ｙ４-又Ｙ４ | 床(小屋裏収納 | 0.19×0.59 | 0.11 | | Ｙ４ | 0.06 | | 又Ｙ４ | 0.06 |
| | | 床積載 | 0.14×1.30 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.19×1.30 | 0.25 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.63 | | | 0.32 | | | 0.32 |
| | Ｘ２-Ｘ３ | 床(小屋裏収納 | 0.20×0.59 | 0.12 | 柱 | Ｘ２ | 0.06 | 柱 | Ｘ３ | 0.06 |
| | Ｙ４ | 床積載 | 0.20×1.30 | 0.26 | | Ｙ４ | 0.13 | | Ｙ４ | 0.13 |
| | | 小屋裏収納内壁 | 0.91×0.98 | 0.89 | | | 0.45 | | | 0.45 |
| | | | 計 | 1.27 | | | 0.64 | | | 0.64 |
| | Ｘ２ | 床(小屋裏収納 | 0.88×0.59 | 0.52 | 柱 | Ｘ２ | 0.33 | 柱 | Ｘ２ | 0.18 |
| | 又Ｙ４-又 | 床積載 | 0.88×1.30 | 1.14 | | 又Ｙ４ | 0.73 | | 又 | 0.40 |
| | | 内壁 | 0.75×0.54 | 0.41 | | | 0.20 | | | 0.20 |
| | | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床(小屋裏収納 | 0.01×0.59 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床(小屋裏収納 | 0.02×0.59 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.10×1.30 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.01×1.30 | 0.02 | | | 0.01 | | | 0.00 |
| | | 床積載 | 0.02×1.30 | 0.03 | | | 0.01 | | | 0.02 |
| | | | 計 | 2.32 | | | 1.40 | | | 0.92 |
| | Ｘ２-Ｘ３ | 内壁 | 0.76×0.54 | 0.41 | 柱 | Ｘ２ | 0.21 | 柱 | Ｘ３ | 0.21 |
| | 又Ｙ４ | 床(小屋裏収納 | 0.20×0.59 | 0.12 | | 又Ｙ４ | 0.06 | | 又Ｙ４ | 0.06 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.20×1.30 | 0.26 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 1.18 | | | 0.59 | | | 0.59 |
| | Ｘ２-Ｘ３ | 内壁 | 0.76×0.54 | 0.41 | 柱 | Ｘ２ | 0.21 | 柱 | Ｘ３ | 0.21 |
| | 又Ｙ４ | | 計 | 0.41 | | 又Ｙ４ | 0.21 | | 又Ｙ４ | 0.21 |
| | Ｘ２ | 屋根3 | 4.84×0.58 | 2.82 | 柱 | Ｘ２ | 1.68 | 柱 | Ｘ２ | 1.14 |
| | 又- | 床(小屋裏収納 | 1.11×0.59 | 0.66 | | 又 | 0.39 | | | 0.27 |
| | | 床積載 | 1.11×1.30 | 1.44 | | | 0.86 | | | 0.59 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.07 | | | 0.05 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.16 | | | 0.11 |
| | | 内壁 | 2.56×0.54 | 1.38 | | | 0.69 | | | 0.69 |
| | | 床(小屋裏収納 | 0.18×0.59 | 0.11 | | | 0.08 | | | 0.02 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.04 | | | 0.09 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.04 | | | 0.09 |
| | | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.05 | | | 0.01 |
| | | 床積載 | 0.18×1.30 | 0.23 | | | 0.19 | | | 0.05 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.10×1.30 | 0.12 | | | 0.10 | | | 0.03 |
| | | | 計 | 8.00 | | | 4.50 | | | 3.50 |
| | Ｘ２-Ｘ３ | 床(小屋裏収納 | 0.21×0.59 | 0.12 | 梁 | Ｘ２ | 0.06 | 梁 | Ｘ３ | 0.06 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | 又- | 0.06 | | 又Ｙ４- | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X2-X3 | 床積載 | 0.21×1.30 | 0.27 | 梁 | X2 | 0.13 | 梁 | X3 | 0.13 |
| | | | 計 | 0.78 | | 又- | 0.39 | | 又Y4- | 0.39 |
| | X2 | 内壁 | 1.52×0.54 | 0.82 | 柱 | X2 | 0.41 | 柱 | X2 | 0.41 |
| | -Y5 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | Y5 | 0.06 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 1.60 | | | 0.80 | | | 0.80 |
| | X2-X3 | 内壁 | 1.52×0.54 | 0.82 | 柱 | X2 | 0.41 | 柱 | X3 | 0.41 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 1.60 | | | 0.80 | | | 0.80 |
| | X2 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | 柱 | X2 | 0.06 | 梁 | X0-X3 | 0.06 |
| | Y5- | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | Y5 | 0.06 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.78 | | | 0.39 | | | 0.39 |
| | X2-X3 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | 柱 | X2 | 0.06 | 梁 | X3 | 0.06 |
| | Y5 | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | Y5 | 0.06 | | -又 | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.78 | | | 0.39 | | | 0.39 |
| | 又X2 | 屋根2 | 3.04×0.54 | 1.64 | 梁 | 又-又X3 | 0.53 | 梁 | 又-X3 | 1.11 |
| | Y1-Y3 | 屋根2 | 3.14×0.54 | 1.69 | | Y1 | 1.33 | | Y3 | 0.37 |
| | | 屋根2 | 2.21×0.54 | 1.19 | | | 0.12 | | | 1.07 |
| | | 屋根2 | 3.17×0.54 | 1.71 | | | 0.93 | | | 0.78 |
| | | | 計 | 6.24 | | | 2.90 | | | 3.34 |
| | 又X2-又 | 屋根2 | 0.84×0.59 | 0.50 | 小屋束 | 又X2 | 0.08 | 小屋束 | 又 | 0.42 |
| | Y3 | 屋根2 | 2.34×0.54 | 1.26 | | Y3 | 0.63 | | Y3 | 0.63 |
| | | | 計 | 1.76 | | | 0.71 | | | 1.05 |
| | X3 | 内壁 | 3.80×0.54 | 2.05 | 柱 | X3 | 1.03 | 柱 | X3 | 1.03 |
| | Y3-Y4 | | 計 | 2.05 | | Y3 | 1.03 | | Y4 | 1.03 |
| | X3-又X4 | 屋根2 | 3.05×0.55 | 1.68 | 柱 | X3 | 0.67 | 柱 | 又X4 | 1.02 |
| | Y3 | 屋根2 | 6.18×0.54 | 3.34 | | Y3 | 1.32 | | Y3 | 2.01 |
| | | 内壁 | 3.83×0.54 | 2.07 | | | 1.04 | | | 1.04 |
| | | | 計 | 7.09 | | | 3.03 | | | 4.06 |
| | X3 | 内壁 | 1.25×0.54 | 0.68 | 柱 | X3 | 0.34 | 柱 | X3 | 0.34 |
| | Y4-又Y4 | 床(小屋裏収納 | 0.19×0.59 | 0.11 | | Y4 | 0.06 | | 又Y4 | 0.06 |
| | | 床(小屋裏収納 | 0.14×0.59 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.19×1.30 | 0.25 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.14×1.30 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 1.31 | | | 0.65 | | | 0.65 |
| | X3- | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 柱 | X3 | 0.09 | 柱 | | 0.09 |
| | Y4 | 床積載 | 0.30×1.30 | 0.38 | | Y4 | 0.19 | | Y4 | 0.19 |
| | | 小屋裏収納内壁 | 1.10×0.98 | 1.08 | | | 0.54 | | | 0.54 |
| | | | 計 | 1.64 | | | 0.82 | | | 0.82 |
| | X3 | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 柱 | X3 | 0.08 | 柱 | X3 | 0.09 |
| | 又Y4- | 床積載 | 0.30×1.30 | 0.38 | | 又Y4 | 0.18 | | | 0.21 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | | 0.16 | | | 0.01 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.35 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.07 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.12 | | | 0.15 |
| | | 内壁 | 3.31×0.54 | 1.79 | | | 0.89 | | | 0.89 |
| | | 床(小屋裏収納 | 0.01×0.59 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床(小屋裏収納 | 0.28×0.59 | 0.17 | | | 0.12 | | | 0.04 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.08 | | | 0.04 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床積載 | 0.01×1.30 | 0.02 | | | 0.02 | | | 0.00 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X３ | 床積載 | 0.28×1.30 | 0.36 | 柱 | X３ | 0.27 | 柱 | X３ | 0.10 |
| | 又Y４- | 床積載 | 0.21×1.30 | 0.27 | | 又Y４ | 0.19 | | | 0.08 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.06 | | | 0.21 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.06 | | | 0.21 |
| | | | 計 | 5.02 | | | 2.70 | | | 2.32 |
| | X３- | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 梁 | X３ | 0.09 | 梁 | | 0.09 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | 又Y４- | 0.09 | | Y４- | 0.09 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.12 | | | 0.56 | | | 0.56 |
| | X３- | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 梁 | X３ | 0.09 | 柱 | | 0.09 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | 又Y４- | 0.09 | | | 0.09 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.12 | | | 0.56 | | | 0.56 |
| | X３ | 屋根3 | 2.67×0.57 | 1.52 | 柱 | X３ | 0.91 | 柱 | X３ | 0.61 |
| | -又 | 床(小屋裏収納 | 1.71×0.65 | 1.12 | | | 0.22 | | 又 | 0.89 |
| | | 床積載 | 1.71×1.30 | 2.22 | | | 0.44 | | | 1.78 |
| | | 床(小屋裏収納 | 0.25×0.59 | 0.15 | | | 0.03 | | | 0.12 |
| | | 床積載 | 0.25×1.30 | 0.32 | | | 0.06 | | | 0.26 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.07 | | | 0.05 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.16 | | | 0.11 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | | 0.10 | | | 0.07 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.23 | | | 0.15 |
| | | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.01 | | | 0.05 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.05 | | | 0.07 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.05 | | | 0.07 |
| | | 床(小屋裏収納 | 0.05×0.59 | 0.03 | | | 0.00 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.10 | | | 0.02 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.10 | | | 0.02 |
| | | 床積載 | 0.10×1.30 | 0.13 | | | 0.01 | | | 0.12 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.11 | | | 0.16 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.11 | | | 0.16 |
| | | 床積載 | 0.05×1.30 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.22 | | | 0.05 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.22 | | | 0.05 |
| | | | 計 | 8.13 | | | 3.21 | | | 4.92 |
| | X３- | 内壁 | 1.85×0.54 | 1.00 | 柱 | X３ | 0.50 | 柱 | | 0.50 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | | 0.09 | | | 0.09 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.11 | | | 1.06 | | | 1.06 |
| | X３- | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 梁 | X３ | 0.09 | 柱 | | 0.09 |
| | Y５ | 床(小屋裏収納 | 0.30×0.59 | 0.17 | | -又 | 0.09 | | Y５ | 0.09 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.12 | | | 0.56 | | | 0.56 |
| | X３- | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 梁 | X３ | 0.09 | 柱 | | 0.09 |
| | | 床(小屋裏収納 | 0.20×0.59 | 0.12 | | -又 | 0.06 | | | 0.06 |
| | | 床積載 | 0.30×1.30 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.20×1.30 | 0.26 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.94 | | | 0.47 | | | 0.47 |
| | X３ | 床(小屋裏収納 | 1.71×0.66 | 1.13 | 柱 | X３ | 0.75 | 柱 | X３ | 0.38 |
| | 又-Y６ | 床積載 | 1.71×1.30 | 2.22 | | 又 | 1.48 | | Y６ | 0.74 |
| | | 内壁 | 0.25×0.54 | 0.13 | | | 0.09 | | | 0.04 |
| | | 床(小屋裏収納 | 1.09×0.59 | 0.64 | | | 0.43 | | | 0.21 |
| | | 床積載 | 1.09×1.30 | 1.41 | | | 0.94 | | | 0.47 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.04 | | | 0.08 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.04 | | | 0.08 |
| | | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.05 | | | 0.01 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X3 | 床(小屋裏収納 | 0.05×0.59 | 0.03 | 柱 | X3 | 0.03 | 柱 | X3 | 0.01 |
| | 又-Y6 | 床積載 | 0.21×1.30 | 0.27 | | 又 | 0.09 | | Y6 | 0.18 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.09 | | | 0.18 |
| | | 床積載 | 0.10×1.30 | 0.13 | | | 0.11 | | | 0.02 |
| | | 床積載 | 0.05×1.30 | 0.07 | | | 0.06 | | | 0.01 |
| | | | 計 | 6.61 | | | 4.20 | | | 2.42 |
| | X3- | 床(小屋裏収納 | 0.20×0.59 | 0.12 | 柱 | X3 | 0.06 | 柱 | | 0.06 |
| | 又 | 床(小屋裏収納 | 0.20×0.59 | 0.12 | | 又 | 0.06 | | 又 | 0.06 |
| | | 床積載 | 0.20×1.30 | 0.26 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.20×1.30 | 0.26 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.75 | | | 0.38 | | | 0.38 |
| | X3-X5 | 内壁 | 0.38×0.54 | 0.21 | 梁 | X3 | 0.13 | 梁 | X5 | 0.07 |
| | | 床(小屋裏収納 | 0.08×0.59 | 0.05 | | 又-Y6 | 0.03 | | -Y6 | 0.02 |
| | | 床積載 | 0.08×1.30 | 0.10 | | | 0.07 | | | 0.03 |
| | | 床(小屋裏収納 | 1.25×0.59 | 0.74 | | | 0.37 | | | 0.37 |
| | | 床(小屋裏収納 | 0.20×0.59 | 0.12 | | | 0.10 | | | 0.02 |
| | | 床(小屋裏収納 | 0.75×0.59 | 0.44 | | | 0.14 | | | 0.30 |
| | | 床積載 | 1.25×1.30 | 1.63 | | | 0.81 | | | 0.81 |
| | | 床積載 | 0.20×1.30 | 0.26 | | | 0.21 | | | 0.04 |
| | | 床積載 | 0.75×1.30 | 0.97 | | | 0.32 | | | 0.65 |
| | | | 計 | 4.51 | | | 2.19 | | | 2.32 |
| | X3 | 床(小屋裏収納 | 1.71×0.66 | 1.13 | 柱 | X3 | 0.56 | 柱 | X3 | 0.56 |
| | Y6-Y7 | 床積載 | 1.71×1.30 | 2.22 | | Y6 | 1.11 | | Y7 | 1.11 |
| | | 床(小屋裏収納 | 1.25×0.59 | 0.74 | | | 0.37 | | | 0.37 |
| | | 床積載 | 1.25×1.30 | 1.63 | | | 0.81 | | | 0.81 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.20 | | | 0.07 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.07 | | | 0.20 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.20 | | | 0.07 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.07 | | | 0.20 |
| | | | 計 | 8.92 | | | 4.46 | | | 4.46 |
| | X3- | 内壁 | 1.85×0.54 | 1.00 | 柱 | X3 | 0.50 | 柱 | | 0.50 |
| | Y6 | 床(小屋裏収納 | 0.40×0.59 | 0.24 | | Y6 | 0.12 | | Y6 | 0.12 |
| | | 床(小屋裏収納 | 0.40×0.59 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.40×1.30 | 0.52 | | | 0.26 | | | 0.26 |
| | | 床積載 | 0.40×1.30 | 0.52 | | | 0.26 | | | 0.26 |
| | | | 計 | 2.51 | | | 1.25 | | | 1.25 |
| | X3-X5 | 床(小屋裏収納 | 1.25×0.59 | 0.74 | 梁 | X3 | 0.37 | 梁 | X5 | 0.37 |
| | | 床(小屋裏収納 | 1.25×0.59 | 0.74 | | Y6-Y7 | 0.37 | | Y6-Y7 | 0.37 |
| | | 床積載 | 1.25×1.30 | 1.63 | | | 0.81 | | | 0.81 |
| | | 床積載 | 1.25×1.30 | 1.63 | | | 0.81 | | | 0.81 |
| | | | 計 | 4.73 | | | 2.36 | | | 2.36 |
| | X3 | 内壁 | 1.99×0.54 | 1.07 | 柱 | X3 | 0.54 | 柱 | X3 | 0.54 |
| | Y7-又 | | 計 | 1.07 | | Y7 | 0.54 | | 又 | 0.54 |
| | X3-X5 | 屋根3 | 1.46×0.53 | 0.78 | 柱 | X3 | 0.39 | 柱 | X5 | 0.39 |
| | Y7 | 軒先3 | 0.48×0.46 | 0.22 | | Y7 | 0.11 | | Y7 | 0.11 |
| | | 外壁 | 3.20×0.70 | 2.24 | | | 1.12 | | | 1.12 |
| | | 床(小屋裏収納 | 1.25×0.59 | 0.74 | | | 0.37 | | | 0.37 |
| | | 床積載 | 1.25×1.30 | 1.63 | | | 0.81 | | | 0.81 |
| | | 小屋裏収納内壁 | 3.21×0.84 | 2.69 | | | 1.35 | | | 1.35 |
| | | | 計 | 8.30 | | | 4.15 | | | 4.15 |
| | X3 | 内壁 | 1.81×0.54 | 0.98 | 柱 | X3 | 0.49 | 柱 | X3 | 0.49 |
| | 又-Y8 | | 計 | 0.98 | | 又 | 0.49 | | Y8 | 0.49 |
| | X3-X5 | 軒先6 | 0.32×0.46 | 0.15 | 柱 | X3 | 0.07 | 柱 | X5 | 0.07 |
| | Y8 | 屋根6 | 7.29×0.53 | 3.88 | | Y8 | 1.94 | | Y8 | 1.94 |
| | | 外壁 | 2.42×0.70 | 1.69 | | | 0.36 | | | 1.33 |
| | | 外壁 | 3.26×0.70 | 2.28 | | | 1.63 | | | 0.65 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ３-Ｘ５ | | 計 | 8.00 | 柱 | Ｘ３ | 4.00 | 柱 | Ｘ５ | 4.00 |
| | Ｙ８ | | | | | Ｙ８ | | | Ｙ８ | |
| | 又Ｘ３-Ｘ５ | 屋根2 | 5.38×0.54 | 2.90 | 柱 | 又Ｘ３ | 1.94 | 柱 | Ｘ５ | 0.97 |
| | Ｙ１ | 軒先2 | 0.82×0.47 | 0.38 | | Ｙ１ | 0.19 | | Ｙ１ | 0.19 |
| | | 屋根2 | 2.23×0.54 | 1.20 | | | 0.60 | | | 0.60 |
| | | 外壁 | 4.83×0.70 | 3.38 | | | 1.69 | | | 1.69 |
| | | | 計 | 7.87 | | | 4.42 | | | 3.45 |
| | | 屋根2 | 3.02×0.59 | 1.79 | 梁 | 又Ｘ２-又 | 0.36 | 小屋束 | | 1.43 |
| | Ｙ３-Ｙ４ | 屋根2 | 1.19×0.59 | 0.71 | | Ｙ３ | 0.14 | | Ｙ４ | 0.56 |
| | 勾配 | | 計 | 2.49 | | | 0.50 | | | 1.99 |
| | | 床(小屋裏収納 | 0.30×0.59 | 0.17 | 柱 | | 0.09 | 柱 | | 0.09 |
| | Ｙ４- | 床積載 | 0.30×1.30 | 0.38 | | Ｙ４ | 0.19 | | | 0.19 |
| | | 内壁 | 1.04×0.54 | 0.56 | | | 0.10 | | | 0.46 |
| | | 内壁 | 0.75×0.54 | 0.41 | | | 0.19 | | | 0.22 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床(小屋裏収納 | 0.40×0.59 | 0.24 | | | 0.05 | | | 0.19 |
| | | 床(小屋裏収納 | 0.55×0.59 | 0.33 | | | 0.23 | | | 0.09 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.20 | | | 0.07 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.07 | | | 0.20 |
| | | 床積載 | 0.40×1.30 | 0.53 | | | 0.11 | | | 0.41 |
| | | 床積載 | 0.55×1.30 | 0.72 | | | 0.51 | | | 0.21 |
| | | | 計 | 4.11 | | | 1.86 | | | 2.26 |
| | -又Ｘ４ | 床(小屋裏収納 | 0.55×0.59 | 0.33 | 柱 | | 0.16 | 柱 | 又Ｘ４ | 0.16 |
| | Ｙ４ | 床積載 | 0.55×1.30 | 0.72 | | Ｙ４ | 0.36 | | Ｙ４ | 0.36 |
| | | 小屋裏収納内壁 | 1.05×0.98 | 1.03 | | | 0.51 | | | 0.51 |
| | | | 計 | 2.07 | | | 1.04 | | | 1.04 |
| | | 内壁 | 1.52×0.54 | 0.82 | 柱 | | 0.41 | 柱 | | 0.41 |
| | - | 床(小屋裏収納 | 0.24×0.59 | 0.14 | | | 0.11 | | | 0.04 |
| | | 床(小屋裏収納 | 0.24×0.59 | 0.14 | | | 0.03 | | | 0.10 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.23 | | | 0.08 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.08 | | | 0.23 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 2.11 | | | 1.06 | | | 1.05 |
| | | 内壁 | 1.52×0.54 | 0.82 | 柱 | | 0.41 | 柱 | | 0.41 |
| | -Ｙ５ | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | Ｙ５ | 0.06 |
| | | 床(小屋裏収納 | 0.41×0.59 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.41×1.30 | 0.54 | | | 0.27 | | | 0.27 |
| | | | 計 | 1.99 | | | 1.00 | | | 1.00 |
| | | 内壁 | 1.52×0.54 | 0.82 | 柱 | | 0.41 | 柱 | | 0.41 |
| | Ｙ５- | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | Ｙ５ | 0.06 | | | 0.06 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 1.60 | | | 0.80 | | | 0.80 |
| | | 屋根3 | 1.43×0.58 | 0.84 | 小屋束 | | 0.42 | 小屋束 | | 0.42 |
| | Ｙ５-Ｙ６ | 屋根3 | 3.63×0.58 | 2.12 | | Ｙ５ | 1.06 | | Ｙ６ | 1.06 |
| | 勾配 | | 計 | 2.96 | | | 1.48 | | | 1.48 |
| | -又Ｘ４ | 床(小屋裏収納 | 0.37×0.59 | 0.22 | 柱 | | 0.11 | 柱 | 又Ｘ４ | 0.11 |
| | Ｙ５ | 床(小屋裏収納 | 0.27×0.59 | 0.16 | | Ｙ５ | 0.08 | | Ｙ５ | 0.08 |
| | | 床積載 | 0.37×1.30 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.27×1.30 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 1.22 | | | 0.61 | | | 0.61 |
| | | 内壁 | 0.76×0.54 | 0.41 | 柱 | | 0.21 | 柱 | | 0.21 |
| | -又 | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.03 | | 又 | 0.03 |
| | | 床(小屋裏収納 | 0.05×0.59 | 0.03 | | | 0.02 | | | 0.02 |
| | | 床積載 | 0.10×1.30 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.05×1.30 | 0.07 | | | 0.03 | | | 0.03 |
| | | | 計 | 0.70 | | | 0.35 | | | 0.35 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | -Ｘ５ | 内壁 | 3.51×0.54 | 1.89 | 柱 | | 0.95 | 柱 | Ｘ５ | 0.95 |
| | | 床(小屋裏収納 | 0.75×0.59 | 0.44 | | | 0.22 | | | 0.22 |
| | | 床(小屋裏収納 | 0.75×0.59 | 0.44 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.75×1.30 | 0.97 | | | 0.49 | | | 0.49 |
| | | 床積載 | 0.75×1.30 | 0.97 | | | 0.49 | | | 0.49 |
| | | | 計 | 4.72 | | | 2.36 | | | 2.36 |
| | | 内壁 | 0.76×0.54 | 0.41 | 柱 | | 0.21 | 梁 | Ｘ３-Ｘ５ | 0.21 |
| | 又- | 床(小屋裏収納 | 0.05×0.59 | 0.03 | | 又 | 0.02 | | | 0.02 |
| | | 床(小屋裏収納 | 0.10×0.59 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.05×1.30 | 0.07 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.10×1.30 | 0.13 | | | 0.07 | | | 0.07 |
| | | | 計 | 0.70 | | | 0.35 | | | 0.35 |
| | -Ｘ５ | 内壁 | 3.51×0.54 | 1.89 | 柱 | | 0.95 | 柱 | Ｘ５ | 0.95 |
| | Ｙ６ | 床(小屋裏収納 | 0.85×0.59 | 0.50 | | Ｙ６ | 0.25 | | Ｙ６ | 0.25 |
| | | 床(小屋裏収納 | 0.85×0.59 | 0.50 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.85×1.30 | 1.11 | | | 0.55 | | | 0.55 |
| | | 床積載 | 0.85×1.30 | 1.11 | | | 0.55 | | | 0.55 |
| | | | 計 | 5.11 | | | 2.56 | | | 2.56 |
| | 又 | 屋根2 | 3.17×0.54 | 1.71 | 梁 | 又Ｘ３-Ｘ５ | 0.93 | 梁 | Ｘ３-又Ｘ４ | 0.78 |
| | Ｙ１-Ｙ３ | 屋根2 | 2.21×0.54 | 1.19 | | Ｙ１ | 0.12 | | Ｙ３ | 1.07 |
| | | 屋根2 | 3.04×0.54 | 1.64 | | | 0.53 | | | 1.11 |
| | | 屋根2 | 3.14×0.54 | 1.69 | | | 1.33 | | | 0.37 |
| | | | 計 | 6.24 | | | 2.90 | | | 3.34 |
| | 又Ｘ４-Ｘ５ | 床(小屋裏収納 | 0.55×0.59 | 0.33 | 柱 | 又Ｘ４ | 0.16 | 柱 | Ｘ５ | 0.16 |
| | Ｙ４ | 床積載 | 0.55×1.30 | 0.72 | | Ｙ４ | 0.36 | | Ｙ４ | 0.36 |
| | | 小屋裏収納内壁 | 1.05×0.98 | 1.03 | | | 0.51 | | | 0.51 |
| | | | 計 | 2.07 | | | 1.04 | | | 1.04 |
| | 又Ｘ４ | 床(小屋裏収納 | 0.24×0.59 | 0.14 | 柱 | 又Ｘ４ | 0.03 | 柱 | 又Ｘ４ | 0.11 |
| | 又-又 | 床(小屋裏収納 | 0.40×0.59 | 0.24 | | 又 | 0.16 | | 又 | 0.07 |
| | | 床(小屋裏収納 | 0.40×0.59 | 0.24 | | | 0.16 | | | 0.07 |
| | | 床(小屋裏収納 | 0.24×0.59 | 0.14 | | | 0.03 | | | 0.11 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.06 | | | 0.25 |
| | | 床積載 | 0.40×1.30 | 0.53 | | | 0.36 | | | 0.17 |
| | | 床積載 | 0.40×1.30 | 0.53 | | | 0.36 | | | 0.17 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.06 | | | 0.25 |
| | | | 計 | 2.43 | | | 1.22 | | | 1.22 |
| | 又Ｘ４ | 床(小屋裏収納 | 0.28×0.59 | 0.16 | 柱 | 又Ｘ４ | 0.06 | 柱 | 又Ｘ４ | 0.10 |
| | 又-Ｙ５ | 床(小屋裏収納 | 0.28×0.59 | 0.16 | | 又 | 0.06 | | Ｙ５ | 0.10 |
| | | 床(小屋裏収納 | 0.17×0.59 | 0.10 | | | 0.09 | | | 0.01 |
| | | 床(小屋裏収納 | 0.23×0.59 | 0.14 | | | 0.12 | | | 0.02 |
| | | 床積載 | 0.28×1.30 | 0.36 | | | 0.14 | | | 0.22 |
| | | 床積載 | 0.28×1.30 | 0.36 | | | 0.14 | | | 0.22 |
| | | 床積載 | 0.17×1.30 | 0.22 | | | 0.19 | | | 0.02 |
| | | 床積載 | 0.23×1.30 | 0.30 | | | 0.27 | | | 0.03 |
| | | | 計 | 1.80 | | | 1.07 | | | 0.73 |
| | 又Ｘ４-Ｘ５ | 床(小屋裏収納 | 0.37×0.59 | 0.22 | 柱 | 又Ｘ４ | 0.11 | 柱 | Ｘ５ | 0.11 |
| | Ｙ５ | 床(小屋裏収納 | 0.27×0.59 | 0.16 | | Ｙ５ | 0.08 | | Ｙ５ | 0.08 |
| | | 床積載 | 0.37×1.30 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.27×1.30 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 1.22 | | | 0.61 | | | 0.61 |
| | 又Ｘ４-Ｘ５ | 内壁 | 1.52×0.54 | 0.82 | 柱 | 又Ｘ４ | 0.41 | 柱 | Ｘ５ | 0.41 |
| | Ｙ３ | | 計 | 0.82 | | Ｙ３ | 0.41 | | Ｙ３ | 0.41 |
| | Ｘ５ | 内壁 | 1.20×0.54 | 0.65 | 柱 | Ｘ５ | 0.32 | 柱 | Ｘ５ | 0.32 |
| | Ｙ１-又Ｙ１ | | 計 | 0.65 | | Ｙ１ | 0.32 | | 又Ｙ１ | 0.32 |
| | Ｘ５- | 外壁 | 0.81×0.70 | 0.56 | 柱 | Ｘ５ | 0.28 | 柱 | | 0.28 |
| | Ｙ１ | | 計 | 0.56 | | Ｙ１ | 0.28 | | Ｙ１ | 0.28 |
| | Ｘ５- | 軒先2 | 0.27×0.47 | 0.13 | 柱 | Ｘ５ | 0.06 | 柱 | | 0.06 |
| | Ｙ１ | 屋根2 | 0.74×0.54 | 0.40 | | Ｙ１ | 0.20 | | Ｙ１ | 0.20 |
| | | 外壁 | 0.81×0.70 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 1.09 | | | 0.55 | | | 0.55 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ５ | 屋根2 | 3.26×0.54 | 1.76 | 柱 | Ｘ５ | 0.88 | 柱 | Ｘ５ | 0.88 |
| | 又Ｙ１-又 | 内壁 | 3.04×0.54 | 1.64 | | 又Ｙ１ | 0.82 | | 又 | 0.82 |
| | | | 計 | 3.40 | | | 1.70 | | | 1.70 |
| | Ｘ５ | 内壁 | 0.76×0.54 | 0.41 | 柱 | Ｘ５ | 0.21 | 柱 | Ｘ５ | 0.21 |
| | 又-又 | | 計 | 0.41 | | 又 | 0.21 | | 又 | 0.21 |
| | Ｘ５ | 屋根2 | 3.29×0.54 | 1.77 | 柱 | Ｘ５ | 1.33 | 柱 | Ｘ５ | 0.44 |
| | 又-Ｙ２ | 内壁 | 3.04×0.54 | 1.64 | | 又 | 0.82 | | Ｙ２ | 0.82 |
| | | | 計 | 3.42 | | | 2.15 | | | 1.26 |
| | Ｘ５ | 屋根2 | 3.16×0.54 | 1.70 | 柱 | Ｘ５ | 1.42 | 柱 | Ｘ５ | 0.28 |
| | Ｙ２- | 内壁 | 3.04×0.54 | 1.64 | | Ｙ２ | 0.82 | | | 0.82 |
| | | | 計 | 3.35 | | | 2.24 | | | 1.10 |
| | Ｘ５ | 屋根2 | 2.29×0.54 | 1.24 | 柱 | Ｘ５ | 1.02 | 柱 | Ｘ５ | 0.22 |
| | -Ｙ３ | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | Ｙ３ | 0.41 |
| | | | 計 | 2.06 | | | 1.43 | | | 0.63 |
| | Ｘ５ | 屋根2 | 1.19×0.59 | 0.71 | 小屋束 | Ｘ５ | 0.14 | 小屋束 | Ｘ５ | 0.56 |
| | Ｙ３-Ｙ４ | | 計 | 0.71 | | Ｙ３ | 0.14 | | Ｙ４ | 0.56 |
| | 勾配 | | | | | | | | | |
| | Ｘ５-又 | 内壁 | 2.28×0.54 | 1.23 | 柱 | Ｘ５ | 0.62 | 柱 | 又 | 0.62 |
| | Ｙ３ | | 計 | 1.23 | | Ｙ３ | 0.62 | | Ｙ３ | 0.62 |
| | Ｘ５ | 屋根3 | 1.43×0.53 | 0.76 | 柱 | Ｘ５ | 0.30 | 柱 | Ｘ５ | 0.46 |
| | Ｙ４- | 屋根3 | 2.89×0.53 | 1.54 | | Ｙ４ | 0.61 | | | 0.93 |
| | | 内壁 | 1.04×0.54 | 0.56 | | | 0.10 | | | 0.46 |
| | | 床(小屋裏収納 | 0.40×0.59 | 0.24 | | | 0.05 | | | 0.19 |
| | | 床(小屋裏収納 | 0.55×0.59 | 0.33 | | | 0.23 | | | 0.09 |
| | | 床積載 | 0.40×1.30 | 0.53 | | | 0.11 | | | 0.41 |
| | | 床積載 | 0.55×1.30 | 0.72 | | | 0.51 | | | 0.21 |
| | | 小屋裏収納内壁 | 1.82×0.98 | 1.78 | | | 0.89 | | | 0.89 |
| | | | 計 | 6.45 | | | 2.81 | | | 3.64 |
| | Ｘ５-又Ｘ７ | 屋根2 | 2.24×0.54 | 1.21 | 柱 | Ｘ５ | 0.81 | 梁 | 又Ｘ７ | 0.40 |
| | Ｙ４ | 屋根3 | 1.08×0.53 | 0.57 | | Ｙ４ | 0.38 | | Ｙ３-又 | 0.19 |
| | | 屋根2 | 2.25×0.54 | 1.22 | | | 0.41 | | | 0.81 |
| | | 屋根3 | 1.08×0.53 | 0.58 | | | 0.19 | | | 0.38 |
| | | | 計 | 3.58 | | | 1.79 | | | 1.78 |
| | Ｘ５-又Ｘ７ | 屋根3 | 2.87×0.53 | 1.53 | 梁 | Ｘ５ | 1.02 | 柱 | 又Ｘ７ | 0.51 |
| | 又 | 屋根3 | 2.89×0.53 | 1.54 | | Ｙ４- | 0.52 | | 又 | 1.02 |
| | | | 計 | 3.07 | | | 1.54 | | | 1.53 |
| | Ｘ５ | 屋根3 | 1.66×0.53 | 0.89 | 柱 | Ｘ５ | 0.35 | 柱 | Ｘ５ | 0.53 |
| | -Ｙ５ | 屋根3 | 3.37×0.53 | 1.80 | | | 0.72 | | Ｙ５ | 1.08 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | 床(小屋裏収納 | 0.24×0.59 | 0.14 | | | 0.12 | | | 0.02 |
| | | 床(小屋裏収納 | 0.17×0.59 | 0.10 | | | 0.06 | | | 0.03 |
| | | 床(小屋裏収納 | 0.55×0.59 | 0.33 | | | 0.09 | | | 0.23 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.27 | | | 0.04 |
| | | 床積載 | 0.17×1.30 | 0.22 | | | 0.14 | | | 0.07 |
| | | 床積載 | 0.55×1.30 | 0.72 | | | 0.21 | | | 0.51 |
| | | 小屋裏収納内壁 | 1.82×0.98 | 1.78 | | | 0.89 | | | 0.89 |
| | | | 計 | 7.91 | | | 3.68 | | | 4.23 |
| | Ｘ５-又Ｘ７ | 屋根3 | 3.37×0.53 | 1.80 | 梁 | Ｘ５ | 0.60 | 柱 | 又Ｘ７ | 1.19 |
| | 又 | 屋根3 | 3.35×0.53 | 1.78 | | -Ｙ５ | 1.19 | | 又 | 0.59 |
| | | | 計 | 3.58 | | | 1.80 | | | 1.78 |
| | Ｘ５ | 屋根3 | 1.69×0.53 | 0.90 | 柱 | Ｘ５ | 0.05 | 柱 | Ｘ５ | 0.85 |
| | Ｙ５- | 屋根3 | 3.42×0.53 | 1.82 | | Ｙ５ | 0.11 | | | 1.71 |
| | | 内壁 | 0.26×0.54 | 0.14 | | | 0.01 | | | 0.13 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | | 0.41 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.13 | | | 0.13 |
| | | 小屋裏収納内壁 | 0.91×0.98 | 0.89 | | | 0.45 | | | 0.45 |
| | | | 計 | 4.97 | | | 1.23 | | | 3.75 |
| | Ｘ５-又Ｘ７ | 屋根3 | 3.40×0.53 | 1.81 | 梁 | Ｘ５ | 1.21 | 柱 | 又Ｘ７ | 0.60 |
| | 又Ｙ５ | 屋根3 | 3.42×0.53 | 1.82 | | Ｙ５- | 0.61 | | 又Ｙ５ | 1.21 |
| | | 内壁 | 2.28×0.54 | 1.23 | | | 0.14 | | | 1.09 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | X５-又X７ | | 計 | 4.87 | 梁 | X５ | 1.97 | 柱 | 又X７ | 2.90 |
| | 又Y５ | | | | | Y５- | | | 又Y５ | |
| | X５ | 屋根3 | 1.43×0.58 | 0.84 | 柱 | X５ | 0.63 | 柱 | X５ | 0.21 |
| | -Y６ | 内壁 | 0.13×0.54 | 0.07 | | | 0.04 | | Y６ | 0.04 |
| | | 床(小屋裏収納 | 1.19×0.59 | 0.70 | | | 0.35 | | | 0.35 |
| | | 床積載 | 1.19×1.30 | 1.55 | | | 0.77 | | | 0.77 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.07 | | | 0.20 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.20 | | | 0.07 |
| | | 小屋裏収納内壁 | 1.82×0.98 | 1.78 | | | 0.89 | | | 0.89 |
| | | | 計 | 7.36 | | | 3.89 | | | 3.47 |
| | X５ | 床(小屋裏収納 | 1.25×0.59 | 0.74 | 柱 | X５ | 0.37 | 柱 | X５ | 0.37 |
| | Y６-Y７ | 床積載 | 1.25×1.30 | 1.63 | | Y６ | 0.81 | | Y７ | 0.81 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床(小屋裏収納 | 0.21×0.59 | 0.12 | | | 0.03 | | | 0.09 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.20 | | | 0.07 |
| | | 床積載 | 0.21×1.30 | 0.27 | | | 0.07 | | | 0.20 |
| | | 小屋裏収納内壁 | 1.82×0.98 | 1.78 | | | 0.89 | | | 0.89 |
| | | | 計 | 6.57 | | | 3.29 | | | 3.29 |
| | X５-又X７ | 屋根3 | 3.63×0.53 | 1.94 | 柱 | X５ | 1.30 | 梁 | 又X７ | 0.64 |
| | Y６ | 屋根3 | 3.66×0.53 | 1.95 | | Y６ | 0.65 | | 又Y５-Y８ | 1.30 |
| | | | 計 | 3.89 | | | 1.95 | | | 1.94 |
| | X５ | 内壁 | 1.52×0.54 | 0.82 | 柱 | X５ | 0.41 | 柱 | X５ | 0.41 |
| | Y７- | | 計 | 0.82 | | Y７ | 0.41 | | | 0.41 |
| | X５-又X７ | 屋根3 | 1.79×0.53 | 0.96 | 柱 | X５ | 0.64 | 梁 | 又X７ | 0.32 |
| | Y７ | 軒先3 | 0.59×0.46 | 0.27 | | Y７ | 0.18 | | 又Y５-Y８ | 0.09 |
| | | 屋根3 | 1.80×0.53 | 0.96 | | | 0.32 | | | 0.64 |
| | | 軒先3 | 0.59×0.46 | 0.28 | | | 0.09 | | | 0.18 |
| | | 外壁 | 5.91×0.70 | 4.14 | | | 2.07 | | | 2.07 |
| | | 外壁 | 5.92×0.64 | 3.77 | | | 1.88 | | | 1.88 |
| | | | 計 | 10.37 | | | 5.19 | | | 5.18 |
| | X５ | 内壁 | 0.47×0.54 | 0.25 | 柱 | X５ | 0.13 | 柱 | X５ | 0.13 |
| | -又 | | 計 | 0.25 | | | 0.13 | | 又 | 0.13 |
| | X５ | 内壁 | 1.81×0.54 | 0.98 | 柱 | X５ | 0.49 | 柱 | X５ | 0.49 |
| | 又-Y８ | | 計 | 0.98 | | 又 | 0.49 | | Y８ | 0.49 |
| | X５- | 軒先6 | 0.18×0.46 | 0.08 | 柱 | X５ | 0.04 | 柱 | | 0.04 |
| | Y８ | 屋根6 | 4.14×0.53 | 2.20 | | Y８ | 1.10 | | Y８ | 1.10 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | | 計 | 4.54 | | | 2.27 | | | 2.27 |
| | -又 | 軒先2 | 0.31×0.47 | 0.15 | 柱 | | 0.07 | 柱 | 又 | 0.07 |
| | Y１ | 屋根2 | 0.85×0.54 | 0.46 | | Y１ | 0.23 | | Y１ | 0.23 |
| | | 外壁 | 1.85×0.70 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 1.90 | | | 0.95 | | | 0.95 |
| | 又-又 | 屋根2 | 2.85×0.54 | 1.54 | 柱 | 又 | 0.65 | 柱 | 又 | 0.89 |
| | Y３ | 屋根2 | 6.41×0.54 | 3.46 | | Y３ | 1.47 | | Y３ | 1.99 |
| | | 内壁 | 1.71×0.54 | 0.92 | | | 0.46 | | | 0.46 |
| | | | 計 | 5.92 | | | 2.58 | | | 3.34 |
| | -X６ | 軒先6 | 0.23×0.46 | 0.11 | 柱 | | 0.05 | 柱 | X６ | 0.05 |
| | Y８ | 屋根6 | 5.18×0.53 | 2.75 | | Y８ | 1.38 | | Y８ | 1.38 |
| | | 外壁 | 4.03×0.70 | 2.82 | | | 1.41 | | | 1.41 |
| | | | 計 | 5.68 | | | 2.84 | | | 2.84 |
| | 又 | 屋根2 | 3.29×0.54 | 1.77 | 柱 | 又 | 0.96 | 梁 | 又-又 | 0.81 |
| | Y１-Y３ | 屋根2 | 2.29×0.54 | 1.24 | | Y１ | 0.12 | | Y３ | 1.11 |
| | | 屋根2 | 3.16×0.54 | 1.70 | | | 0.55 | | | 1.15 |
| | | 屋根2 | 3.26×0.54 | 1.76 | | | 1.38 | | | 0.38 |
| | | | 計 | 6.47 | | | 3.01 | | | 3.46 |
| | 又-又X６ | 屋根2 | 5.38×0.54 | 2.90 | 柱 | 又 | 0.97 | 柱 | 又X６ | 1.94 |
| | Y１ | 軒先2 | 0.82×0.47 | 0.38 | | Y１ | 0.19 | | Y１ | 0.19 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又-又X6 | 屋根2 | 2.23×0.54 | 1.20 | 柱 | 又 | 0.60 | 柱 | 又X6 | 0.60 |
| | Y1 | 外壁 | 4.83×0.70 | 3.38 | | Y1 | 1.69 | | Y1 | 1.69 |
| | | | 計 | 7.87 | | | 3.45 | | | 4.42 |
| | 又-又X6 | 屋根2 | 2.75×0.54 | 1.49 | 柱 | 又 | 0.35 | 柱 | 又X6 | 1.13 |
| | Y3 | 屋根2 | 6.18×0.54 | 3.34 | | Y3 | 0.80 | | Y3 | 2.54 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | | 計 | 6.46 | | | 1.97 | | | 4.49 |
| | 又 | 屋根2 | 3.04×0.54 | 1.64 | 梁 | 又-又X6 | 0.53 | 梁 | 又-又X6 | 1.11 |
| | Y1-Y3 | 屋根2 | 3.14×0.54 | 1.69 | | Y1 | 1.33 | | Y3 | 0.37 |
| | | 屋根2 | 2.21×0.54 | 1.19 | | | 0.12 | | | 1.07 |
| | | 屋根2 | 3.17×0.54 | 1.71 | | | 0.93 | | | 0.78 |
| | | | 計 | 6.24 | | | 2.90 | | | 3.34 |
| | X6-X7 | 軒先6 | 0.16×0.46 | 0.07 | 柱 | X6 | 0.04 | 柱 | X7 | 0.04 |
| | Y8 | 屋根6 | 3.64×0.53 | 1.93 | | Y8 | 0.97 | | Y8 | 0.97 |
| | | 外壁 | 2.83×0.70 | 1.98 | | | 0.99 | | | 0.99 |
| | | | 計 | 3.99 | | | 2.00 | | | 2.00 |
| | 又X6-又X7 | 屋根2 | 2.75×0.54 | 1.49 | 柱 | 又X6 | 0.59 | 柱 | 又X7 | 0.90 |
| | Y3 | 屋根2 | 1.51×0.55 | 0.84 | | Y3 | 0.22 | | Y3 | 0.62 |
| | | 屋根3 | 0.73×0.55 | 0.40 | | | 0.10 | | | 0.30 |
| | | 屋根2 | 6.18×0.54 | 3.34 | | | 1.32 | | | 2.01 |
| | | 内壁 | 3.83×0.54 | 2.07 | | | 1.04 | | | 1.04 |
| | | | 計 | 8.13 | | | 3.26 | | | 4.86 |
| | 又X6-又 | 屋根2 | 5.38×0.54 | 2.90 | 柱 | 又X6 | 1.67 | 柱 | 又 | 1.23 |
| | Y1 | 軒先2 | 0.64×0.47 | 0.30 | | Y1 | 0.15 | | Y1 | 0.15 |
| | | 屋根2 | 1.74×0.54 | 0.94 | | | 0.47 | | | 0.47 |
| | | 外壁 | 3.79×0.70 | 2.65 | | | 1.33 | | | 1.33 |
| | | | 計 | 6.80 | | | 3.62 | | | 3.18 |
| | 又 | 屋根2 | 2.21×0.54 | 1.19 | 梁 | 又X6-又 | 0.12 | 梁 | 又X6-又X7 | 1.07 |
| | Y1-Y3 | 屋根2 | 3.04×0.54 | 1.64 | | Y1 | 0.53 | | Y3 | 1.11 |
| | | 屋根2 | 3.17×0.54 | 1.71 | | | 0.93 | | | 0.78 |
| | | 屋根2 | 3.14×0.54 | 1.69 | | | 1.33 | | | 0.37 |
| | | | 計 | 6.24 | | | 2.90 | | | 3.34 |
| | 又-X8 | 屋根2 | 2.75×0.54 | 1.49 | 小屋束 | 又 | 0.74 | 小屋束 | X8 | 0.74 |
| | Y3 | | 計 | 1.49 | | Y3 | 0.74 | | Y3 | 0.74 |
| | X7-又 | 屋根3 | 4.68×0.55 | 2.56 | 柱 | X7 | 2.21 | 柱 | 又 | 0.36 |
| | Y8 | 軒先3 | 0.76×0.48 | 0.36 | | Y8 | 0.31 | | Y8 | 0.05 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 1.53 | | | 0.25 |
| | | 外壁 | 2.54×0.64 | 1.61 | | | 1.39 | | | 0.22 |
| | | 軒先6 | 0.16×0.46 | 0.07 | | | 0.04 | | | 0.04 |
| | | 屋根6 | 3.61×0.53 | 1.92 | | | 0.96 | | | 0.96 |
| | | 外壁 | 2.81×0.70 | 1.96 | | | 0.98 | | | 0.98 |
| | | | 計 | 10.27 | | | 7.42 | | | 2.85 |
| | 又X7 | 屋根2 | 2.42×0.57 | 1.37 | 梁 | 又X6-又X7 | 0.45 | 柱 | 又X7 | 0.93 |
| | Y3-又 | 屋根3 | 1.17×0.56 | 0.65 | | Y3 | 0.21 | | 又 | 0.44 |
| | | 屋根2 | 2.24×0.54 | 1.21 | | | 0.39 | | | 0.82 |
| | | 屋根3 | 1.08×0.53 | 0.57 | | | 0.19 | | | 0.39 |
| | | | 計 | 3.81 | | | 1.24 | | | 2.57 |
| | 又X7 | 内壁 | 3.04×0.54 | 1.64 | 柱 | 又X7 | 0.82 | 柱 | 又X7 | 0.82 |
| | 又-又 | | 計 | 1.64 | | 又 | 0.82 | | 又 | 0.82 |
| | 又X7-X8 | 内壁 | 2.51×0.54 | 1.35 | 柱 | 又X7 | 0.68 | 柱 | X8 | 0.68 |
| | 又 | | 計 | 1.35 | | 又 | 0.68 | | 又 | 0.68 |
| | 又X7-X8 | 内壁 | 2.51×0.54 | 1.35 | 柱 | 又X7 | 0.68 | 柱 | X8 | 0.68 |
| | 又 | | 計 | 1.35 | | 又 | 0.68 | | 又 | 0.68 |
| | 又X7 | 屋根3 | 3.93×0.56 | 2.20 | 柱 | 又X7 | 1.51 | 梁 | X7-又 | 0.69 |
| | 又Y5-Y8 | 屋根3 | 1.94×0.56 | 1.09 | | 又Y5 | 0.41 | | Y8 | 0.67 |
| | | 軒先3 | 0.64×0.49 | 0.31 | | | 0.12 | | | 0.19 |
| | | 屋根3 | 1.79×0.53 | 0.96 | | | 0.36 | | | 0.59 |
| | | 軒先3 | 0.59×0.46 | 0.27 | | | 0.10 | | | 0.17 |
| | | 外壁 | 2.96×0.70 | 2.07 | | | 0.79 | | | 1.28 |
| | | 外壁 | 2.96×0.64 | 1.88 | | | 0.72 | | | 1.17 |
| | | 外壁 | 1.14×0.70 | 0.80 | | | 0.30 | | | 0.49 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X７<br>又Y５-Y８ | 外壁<br>屋根3 | 1.14×0.64<br>3.63×0.53<br>計 | 0.72<br>1.94<br>12.24 | 柱 | 又X７<br>又Y５ | 0.28<br>1.33<br>5.93 | 梁 | X７-又<br>Y８ | 0.45<br>0.61<br>6.31 |
| | 又X７-又<br>又Y５ | 内壁 | 1.52×0.54<br>計 | 0.82<br>0.82 | 柱 | 又X７<br>又Y５ | 0.41<br>0.41 | 柱 | 又<br>又Y５ | 0.41<br>0.41 |
| | 又X７-X９<br>Y７ | 外壁<br>外壁 | 2.27×0.70<br>2.27×0.64<br>計 | 1.59<br>1.45<br>3.04 | 梁 | 又X７<br>又Y５-Y８ | 0.80<br>0.72<br>1.52 | 梁 | X９<br>又Y５-Y８ | 0.80<br>0.72<br>1.52 |
| | 又X７-X９<br>Y３ | 屋根2<br>屋根2<br>内壁 | 1.96×0.54<br>4.41×0.54<br>2.81×0.54<br>計 | 1.06<br>2.38<br>1.52<br>4.96 | 柱 | 又X７<br>Y３ | 0.49<br>1.09<br>0.76<br>2.34 | 柱 | X９<br>Y３ | 0.57<br>1.28<br>0.76<br>2.62 |
| | 又-X９<br>Y１ | 屋根2<br>軒先2<br>屋根2<br>外壁 | 3.84×0.54<br>0.41×0.47<br>1.11×0.54<br>2.42×0.70<br>計 | 2.07<br>0.19<br>0.60<br>1.69<br>4.55 | 柱 | 又<br>Y１ | 1.18<br>0.10<br>0.30<br>0.85<br>2.42 | 柱 | X９<br>Y１ | 0.89<br>0.10<br>0.30<br>0.85<br>2.14 |
| | 又-X９<br>又Y５ | 内壁 | 2.28×0.54<br>計 | 1.23<br>1.23 | 柱 | 又<br>又Y５ | 0.62<br>0.62 | 柱 | X９<br>又Y５ | 0.62<br>0.62 |
| | 又-X９<br>Y８ | 外壁 | 0.81×0.70<br>計 | 0.56<br>0.56 | 柱 | 又<br>Y８ | 0.28<br>0.28 | 柱 | X９<br>Y８ | 0.28<br>0.28 |
| | 又-X９<br>Y８ | 軒先6<br>屋根6<br>外壁 | 0.09×0.46<br>2.07×0.53<br>0.81×0.70<br>計 | 0.04<br>1.10<br>0.56<br>1.71 | 柱 | 又<br>Y８ | 0.02<br>0.55<br>0.28<br>0.85 | 柱 | X９<br>Y８ | 0.02<br>0.55<br>0.28<br>0.85 |
| | X８<br>Y１-Y３ | 屋根2<br>屋根2<br>屋根2<br>屋根2 | 2.24×0.54<br>2.26×0.54<br>1.58×0.54<br>2.17×0.54<br>計 | 1.21<br>1.22<br>0.85<br>1.17<br>4.45 | 梁 | 又-X９<br>Y１ | 0.95<br>0.66<br>0.08<br>0.38<br>2.07 | 梁 | 又X７-X９<br>Y３ | 0.26<br>0.56<br>0.77<br>0.79<br>2.38 |
| | X８-X９<br>Y３ | 屋根2 | 1.17×0.54<br>計 | 0.63<br>0.63 | 小屋束 | X８<br>Y３ | 0.32<br>0.32 | 小屋束 | X９<br>Y３ | 0.32<br>0.32 |
| | X８<br>又-又 | 内壁 | 2.59×0.54<br>計 | 1.40<br>1.40 | 柱 | X８<br>又 | 0.70<br>0.70 | 柱 | X８<br>又 | 0.70<br>0.70 |
| | X８<br>又-又 | 内壁 | 0.45×0.54<br>計 | 0.24<br>0.24 | 柱 | X８<br>又 | 0.12<br>0.12 | 柱 | X８<br>又 | 0.12<br>0.12 |
| | X８-X９<br>又 | 内壁 | 1.29×0.54<br>計 | 0.70<br>0.70 | 柱 | X８<br>又 | 0.35<br>0.35 | 柱 | X９<br>又 | 0.35<br>0.35 |
| | X９<br>Y１-又Y１ | 軒先2<br>外壁 | 0.22×0.47<br>1.34×0.70<br>計 | 0.10<br>0.94<br>1.04 | 柱 | X９<br>Y１ | 0.05<br>0.47<br>0.52 | 柱 | X９<br>又Y１ | 0.05<br>0.47<br>0.52 |
| | X９<br>又Y１-又 | 軒先2<br>外壁 | 0.27×0.47<br>1.88×0.70<br>計 | 0.13<br>1.31<br>1.44 | 柱 | X９<br>又Y１ | 0.06<br>0.66<br>0.72 | 柱 | X９<br>又 | 0.06<br>0.66<br>0.72 |
| | X９<br>又-又 | 外壁 | 1.05×0.70<br>計 | 0.74<br>0.74 | 柱 | X９<br>又 | 0.37<br>0.37 | 柱 | X９<br>又 | 0.37<br>0.37 |
| | X９<br>又-又<br>勾配 | 軒先2<br>外壁<br>外壁 | 0.55×0.47<br>1.30×0.70<br>0.89×0.70<br>計 | 0.26<br>0.91<br>0.62<br>1.79 | 小屋束 | X９<br>又 | 0.13<br>0.62<br>0.14<br>0.88 | 小屋束 | X９<br>又 | 0.13<br>0.29<br>0.49<br>0.91 |
| | X９<br>又-Y２ | 屋根2<br>軒先2<br>外壁<br>屋根5<br>軒先5<br>外壁<br>内壁<br>屋根4<br>屋根5<br>内壁<br>外壁 | 0.68×0.54<br>0.53×0.47<br>1.92×0.70<br>0.72×0.54<br>1.12×0.47<br>1.57×0.70<br>1.49×0.54<br>1.45×0.53<br>3.39×0.54<br>0.15×0.54<br>0.25×0.70 | 0.36<br>0.25<br>1.34<br>0.39<br>0.53<br>1.10<br>0.80<br>0.77<br>1.83<br>0.08<br>0.17 | 柱 | X９<br>又 | 0.22<br>0.15<br>0.81<br>0.14<br>0.18<br>0.38<br>0.28<br>0.24<br>0.57<br>0.03<br>0.16 | 柱 | X９<br>Y２ | 0.15<br>0.10<br>0.54<br>0.25<br>0.34<br>0.72<br>0.52<br>0.53<br>1.26<br>0.06<br>0.01 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ９ | 外壁 | 0.78×0.70 | 0.54 | 柱 | Ｘ９ | 0.26 | 柱 | Ｘ９ | 0.29 |
| | 又-Ｙ２ | 外壁 | 0.89×0.70 | 0.62 | | 又 | 0.47 | | Ｙ２ | 0.15 |
| | | 外壁 | 0.41×0.70 | 0.28 | | | 0.05 | | | 0.23 |
| | | 内壁 | 2.12×0.54 | 1.15 | | | 0.72 | | | 0.43 |
| | | 内壁 | 1.32×0.54 | 0.71 | | | 0.12 | | | 0.59 |
| | | 外壁 | 0.79×0.85 | 0.67 | | | 0.12 | | | 0.55 |
| | | | 計 | 11.61 | | | 4.89 | | | 6.72 |
| | Ｘ９ | 軒先2 | 0.15×0.47 | 0.07 | 小屋束 | Ｘ９ | 0.06 | 小屋束 | Ｘ９ | 0.01 |
| | 又-又Ｙ２ | 軒先2 | 0.33×0.47 | 0.15 | | 又 | 0.05 | | 又Ｙ２ | 0.10 |
| | 勾配 | 外壁 | 0.78×0.70 | 0.54 | | | 0.43 | | | 0.11 |
| | | 外壁 | 0.56×0.70 | 0.39 | | | 0.13 | | | 0.26 |
| | | | 計 | 1.16 | | | 0.67 | | | 0.48 |
| | Ｘ９-又X10 | 軒先5 | 2.24×0.47 | 1.05 | 梁 | Ｘ９ | 0.53 | 柱 | 又X10 | 0.53 |
| | 又-又 | 屋根5 | 1.45×0.54 | 0.78 | | 又-Ｙ２ | 0.39 | | 又 | 0.39 |
| | | 外壁 | 3.15×0.70 | 2.20 | | | 1.10 | | | 1.10 |
| | | 内壁 | 2.97×0.54 | 1.60 | | | 0.80 | | | 0.80 |
| | | | 計 | 5.64 | | | 2.82 | | | 2.82 |
| | Ｘ９-又X13 | 屋根4 | 2.46×0.53 | 1.31 | 梁 | Ｘ９ | 0.42 | 梁 | 又X12-又X14 | 0.88 |
| | 又-又Ｙ４ | 屋根5 | 2.33×0.54 | 1.26 | | 又-Ｙ２ | 1.00 | | 又-又Ｙ４ | 0.26 |
| | | 屋根5 | 2.81×0.54 | 1.52 | | | 0.83 | | | 0.69 |
| | | 屋根4 | 2.21×0.53 | 1.18 | | | 0.12 | | | 1.06 |
| | | 屋根4 | 0.93×0.53 | 0.49 | | | 0.23 | | | 0.27 |
| | | 内壁 | 1.16×0.54 | 0.62 | | | 0.06 | | | 0.56 |
| | | 内壁 | 0.36×0.54 | 0.20 | | | 0.02 | | | 0.18 |
| | | | 計 | 6.57 | | | 2.68 | | | 3.89 |
| | Ｘ９ | 屋根2 | 0.65×0.54 | 0.35 | 柱 | Ｘ９ | 0.27 | 柱 | Ｘ９ | 0.08 |
| | Ｙ２-又 | 軒先2 | 0.50×0.47 | 0.23 | | Ｙ２ | 0.18 | | 又 | 0.05 |
| | | 屋根5 | 0.43×0.54 | 0.23 | | | 0.18 | | | 0.05 |
| | | 外壁 | 1.43×0.70 | 1.00 | | | 0.78 | | | 0.22 |
| | | 内壁 | 1.40×0.54 | 0.76 | | | 0.59 | | | 0.17 |
| | | 外壁 | 0.15×0.70 | 0.11 | | | 0.10 | | | 0.01 |
| | | 内壁 | 0.50×0.54 | 0.27 | | | 0.24 | | | 0.03 |
| | | 外壁 | 1.36×0.85 | 1.16 | | | 0.58 | | | 0.58 |
| | | | 計 | 4.11 | | | 2.92 | | | 1.19 |
| | Ｘ９ | 軒先2 | 0.50×0.47 | 0.24 | 小屋束 | Ｘ９ | 0.12 | 小屋束 | Ｘ９ | 0.12 |
| | 又Ｙ２-又 | 外壁 | 0.90×0.70 | 0.63 | | 又Ｙ２ | 0.31 | | 又 | 0.31 |
| | 勾配 | 内壁 | 1.40×0.54 | 0.76 | | | 0.38 | | | 0.38 |
| | | | 計 | 1.62 | | | 0.81 | | | 0.81 |
| | Ｘ９ | 屋根5 | 0.76×0.54 | 0.41 | 小屋束 | Ｘ９ | 0.22 | 小屋束 | Ｘ９ | 0.19 |
| | 又Ｙ２-又 | 外壁 | 0.90×0.70 | 0.63 | | 又Ｙ２ | 0.31 | | 又 | 0.31 |
| | | 内壁 | 1.40×0.54 | 0.76 | | | 0.38 | | | 0.38 |
| | | | 計 | 1.80 | | | 0.91 | | | 0.89 |
| | Ｘ９ | 屋根2 | 0.47×0.54 | 0.25 | 柱 | Ｘ９ | 0.14 | 柱 | Ｘ９ | 0.11 |
| | 又-Ｙ３ | 軒先2 | 0.36×0.47 | 0.17 | | 又 | 0.09 | | Ｙ３ | 0.08 |
| | | 屋根5 | 0.60×0.54 | 0.32 | | | 0.18 | | | 0.14 |
| | | 外壁 | 1.11×0.70 | 0.78 | | | 0.43 | | | 0.35 |
| | | 内壁 | 1.40×0.54 | 0.76 | | | 0.42 | | | 0.34 |
| | | 外壁 | 0.42×0.70 | 0.29 | | | 0.08 | | | 0.21 |
| | | 内壁 | 1.25×0.54 | 0.68 | | | 0.19 | | | 0.49 |
| | | 外壁 | 1.36×0.85 | 1.16 | | | 0.58 | | | 0.58 |
| | | | 計 | 4.41 | | | 2.10 | | | 2.31 |
| | Ｘ９ | 軒先2 | 0.23×0.47 | 0.11 | 小屋束 | Ｘ９ | 0.05 | 小屋束 | Ｘ９ | 0.05 |
| | 又-Ｙ３ | 外壁 | 0.42×0.70 | 0.29 | | 又 | 0.15 | | Ｙ３ | 0.15 |
| | 勾配 | | 計 | 0.40 | | | 0.20 | | | 0.20 |
| | Ｘ９ | 屋根5 | 1.40×0.54 | 0.75 | 小屋束 | Ｘ９ | 0.40 | 小屋束 | Ｘ９ | 0.35 |
| | Ｙ３-又 | 外壁 | 0.56×0.70 | 0.39 | | Ｙ３ | 0.20 | | 又 | 0.20 |
| | | | 計 | 1.15 | | | 0.60 | | | 0.55 |
| | Ｘ９ | 軒先2 | 0.30×0.47 | 0.14 | 小屋束 | Ｘ９ | 0.07 | 小屋束 | Ｘ９ | 0.07 |
| | Ｙ３-又 | 外壁 | 0.56×0.70 | 0.39 | | Ｙ３ | 0.20 | | 又 | 0.20 |
| | 勾配 | | 計 | 0.53 | | | 0.27 | | | 0.27 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ９ | 屋根2 | 1.29×0.59 | 0.76 | 柱 | Ｘ９ | 0.25 | 柱 | Ｘ９ | 0.52 |
| | Ｙ３-又 | 軒先2 | 0.19×0.47 | 0.09 | | Ｙ３ | 0.03 | | 又 | 0.06 |
| | | 屋根3 | 0.62×0.58 | 0.36 | | | 0.12 | | | 0.25 |
| | | 軒先3 | 0.16×0.46 | 0.08 | | | 0.02 | | | 0.05 |
| | | 屋根4 | 0.73×0.53 | 0.39 | | | 0.13 | | | 0.26 |
| | | 外壁 | 0.03×0.70 | 0.02 | | | 0.01 | | | 0.01 |
| | | 内壁 | 0.92×0.54 | 0.49 | | | 0.16 | | | 0.33 |
| | | 軒先2 | 0.34×0.47 | 0.16 | | | 0.11 | | | 0.05 |
| | | 屋根4 | 0.11×0.53 | 0.06 | | | 0.04 | | | 0.02 |
| | | 屋根5 | 0.77×0.54 | 0.42 | | | 0.30 | | | 0.12 |
| | | 外壁 | 0.79×0.70 | 0.55 | | | 0.39 | | | 0.16 |
| | | 屋根4 | 1.95×0.54 | 1.05 | | | 0.98 | | | 0.06 |
| | | 内壁 | 3.80×0.54 | 2.05 | | | 1.36 | | | 0.69 |
| | | 外壁 | 3.37×0.85 | 2.86 | | | 1.43 | | | 1.43 |
| | | | 計 | 9.34 | | | 5.32 | | | 4.01 |
| | Ｘ９-又X11 | 屋根4 | 1.93×0.53 | 1.02 | 梁 | Ｘ９ | 0.58 | 梁 | 又X10-又X12 | 0.45 |
| | 又Ｙ３-又 | 屋根4 | 2.26×0.56 | 1.26 | | Ｙ３-又 | 0.22 | | 又-又 | 1.04 |
| | | 屋根4 | 0.59×0.53 | 0.31 | | | 0.25 | | | 0.06 |
| | | | 計 | 2.60 | | | 1.05 | | | 1.55 |
| | Ｘ９ | 屋根4 | 0.13×0.53 | 0.07 | 小屋束 | Ｘ９ | 0.06 | 小屋束 | Ｘ９ | 0.01 |
| | 又-Ｙ４ | 外壁 | 0.13×0.70 | 0.09 | | 又 | 0.08 | | Ｙ４ | 0.01 |
| | | | 計 | 0.16 | | | 0.14 | | | 0.02 |
| | Ｘ９ | 軒先2 | 0.39×0.47 | 0.18 | 小屋束 | Ｘ９ | 0.09 | 小屋束 | Ｘ９ | 0.09 |
| | 又-Ｙ４ | 外壁 | 0.13×0.70 | 0.09 | | 又 | 0.08 | | Ｙ４ | 0.01 |
| | 勾配 | | 計 | 0.27 | | | 0.17 | | | 0.10 |
| | Ｘ９ | 屋根4 | 0.70×0.53 | 0.37 | 小屋束 | Ｘ９ | 0.33 | 小屋束 | Ｘ９ | 0.04 |
| | Ｙ４-又 | 内壁 | 0.92×0.54 | 0.49 | | Ｙ４ | 0.25 | | 又 | 0.25 |
| | | | 計 | 0.87 | | | 0.58 | | | 0.28 |
| | Ｘ９ | 軒先3 | 0.33×0.46 | 0.15 | 小屋束 | Ｘ９ | 0.08 | 小屋束 | Ｘ９ | 0.08 |
| | Ｙ４-又 | 内壁 | 0.92×0.54 | 0.49 | | Ｙ４ | 0.25 | | 又 | 0.25 |
| | 勾配 | | 計 | 0.65 | | | 0.32 | | | 0.32 |
| | Ｘ９ | 軒先3 | 0.29×0.46 | 0.13 | 小屋束 | Ｘ９ | 0.07 | 小屋束 | Ｘ９ | 0.07 |
| | 又-又 | | 計 | 0.13 | | 又 | 0.07 | | 又 | 0.07 |
| | 勾配 | | | | | | | | | |
| | Ｘ９ | 軒先3 | 0.27×0.46 | 0.13 | 柱 | Ｘ９ | 0.06 | 柱 | Ｘ９ | 0.07 |
| | 又-又 | 屋根4 | 1.19×0.58 | 0.69 | | 又 | 0.33 | | 又 | 0.36 |
| | | 内壁 | 0.45×0.54 | 0.24 | | | 0.02 | | | 0.23 |
| | | 内壁 | 2.59×0.54 | 1.40 | | | 0.80 | | | 0.60 |
| | | 外壁 | 1.82×0.85 | 1.54 | | | 0.77 | | | 0.77 |
| | | | 計 | 4.00 | | | 1.98 | | | 2.02 |
| | Ｘ９ | 軒先3 | 0.26×0.46 | 0.12 | 小屋束 | Ｘ９ | 0.06 | 小屋束 | Ｘ９ | 0.06 |
| | 又-又 | | 計 | 0.12 | | 又 | 0.06 | | 又 | 0.06 |
| | 勾配 | | | | | | | | | |
| | Ｘ９ | 軒先3 | 0.47×0.46 | 0.22 | 小屋束 | Ｘ９ | 0.11 | 小屋束 | Ｘ９ | 0.11 |
| | 又-又Ｙ５ | | 計 | 0.22 | | 又 | 0.11 | | 又Ｙ５ | 0.11 |
| | 勾配 | | | | | | | | | |
| | Ｘ９ | 外壁 | 1.58×0.85 | 1.34 | 柱 | Ｘ９ | 0.67 | 柱 | Ｘ９ | 0.67 |
| | 又-又Ｙ５ | | 計 | 1.34 | | 又 | 0.67 | | 又Ｙ５ | 0.67 |
| | Ｘ９-又X10 | 屋根4 | 1.08×0.53 | 0.58 | 柱 | Ｘ９ | 0.33 | 柱 | 又X10 | 0.25 |
| | 又-又 | 内壁 | 2.65×0.54 | 1.43 | | 又 | 0.71 | | 又 | 0.71 |
| | | | 計 | 2.01 | | | 1.05 | | | 0.96 |
| | Ｘ９ | 軒先3 | 0.56×0.46 | 0.26 | 小屋束 | Ｘ９ | 0.13 | 小屋束 | Ｘ９ | 0.13 |
| | 又Ｙ５-Ｙ６ | | 計 | 0.26 | | 又Ｙ５ | 0.13 | | Ｙ６ | 0.13 |
| | 勾配 | | | | | | | | | |
| | Ｘ９ | 屋根4 | 0.77×0.53 | 0.41 | 小屋束 | Ｘ９ | 0.29 | 小屋束 | Ｘ９ | 0.11 |
| | 又Ｙ５-Ｙ６ | | 計 | 0.41 | | 又Ｙ５ | 0.29 | | Ｙ６ | 0.11 |
| | Ｘ９ | 屋根4 | 0.88×0.53 | 0.47 | 柱 | Ｘ９ | 0.12 | 柱 | Ｘ９ | 0.35 |
| | 又Ｙ５-Ｙ８ | 屋根3 | 2.10×0.58 | 1.23 | | 又Ｙ５ | 0.84 | | Ｙ８ | 0.39 |
| | | 軒先3 | 0.55×0.46 | 0.26 | | | 0.18 | | | 0.08 |
| | | 屋根4 | 0.39×0.53 | 0.21 | | | 0.14 | | | 0.06 |
| | | 屋根3 | 1.03×0.58 | 0.60 | | | 0.23 | | | 0.37 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | Ｘ９ | 軒先3 | 0.61×0.49 | 0.30 | 柱 | Ｘ９ | 0.12 | 柱 | Ｘ９ | 0.19 |
| | 又Ｙ５-Ｙ８ | 屋根4 | 0.24×0.53 | 0.13 | | 又Ｙ５ | 0.05 | | Ｙ８ | 0.08 |
| | | 外壁 | 1.14×0.70 | 0.80 | | | 0.30 | | | 0.49 |
| | | 外壁 | 1.14×0.64 | 0.72 | | | 0.28 | | | 0.45 |
| | | 屋根4 | 1.33×0.53 | 0.71 | | | 0.22 | | | 0.49 |
| | | 軒先3 | 0.09×0.46 | 0.04 | | | 0.01 | | | 0.03 |
| | | 外壁 | 3.69×0.85 | 3.13 | | | 2.16 | | | 0.97 |
| | | | 計 | 8.59 | | | 4.65 | | | 3.94 |
| | Ｘ９ | 軒先3 | 0.55×0.46 | 0.25 | 小屋束 | Ｘ９ | 0.13 | 小屋束 | Ｘ９ | 0.13 |
| | Ｙ６-Ｙ７ | | 計 | 0.25 | | Ｙ６ | 0.13 | | Ｙ７ | 0.13 |
| | 勾配 | | | | | | | | | |
| | Ｘ９-又X11 | 屋根4 | 2.07×0.53 | 1.10 | 梁 | Ｘ９ | 0.71 | 柱 | 又X11 | 0.40 |
| | 又Ｙ７-又Ｙ６ | | 計 | 1.10 | | 又Ｙ５-Ｙ８ | 0.71 | | 又Ｙ６ | 0.40 |
| | Ｘ９-又Ｘ９ | 外壁 | 0.82×0.70 | 0.58 | 柱 | Ｘ９ | 0.29 | 柱 | 又Ｘ９ | 0.29 |
| | Ｙ８ | | 計 | 0.58 | | Ｙ８ | 0.29 | | Ｙ８ | 0.29 |
| | 又Ｘ９-又X10 | 軒先4 | 0.06×0.46 | 0.03 | 柱 | 又Ｘ９ | 0.01 | 柱 | 又X10 | 0.01 |
| | Ｙ８-又 | 屋根4 | 0.51×0.53 | 0.27 | | Ｙ８ | 0.13 | | 又 | 0.13 |
| | | 外壁 | 1.14×0.70 | 0.80 | | | 0.40 | | | 0.40 |
| | | | 計 | 1.09 | | | 0.55 | | | 0.55 |
| | 又Ｘ９-又X10 | 屋根4 | 0.88×0.53 | 0.47 | 梁 | Ｘ９-又X11 | 0.40 | 柱 | 又X10 | 0.07 |
| | 又-又 | 屋根4 | 1.55×0.53 | 0.82 | | 又Ｙ７-又Ｙ６ | 0.70 | | 又 | 0.12 |
| | | | 計 | 1.29 | | | 1.10 | | | 0.19 |
| | X10-又X10 | 内壁 | 0.54 | 0.00 | 柱 | X10 | 0.00 | 柱 | 又X10 | 0.00 |
| | 又Ｙ５-又 | 内壁 | 2.58×0.54 | 1.39 | | 又Ｙ５ | 0.70 | | 又 | 0.70 |
| | | | 計 | 1.40 | | | 0.70 | | | 0.70 |
| | X10-又X11 | 内壁 | 2.87×0.54 | 1.55 | 柱 | X10 | 0.78 | 柱 | 又X11 | 0.78 |
| | 又Ｙ５-又 | | 計 | 1.55 | | 又Ｙ５ | 0.78 | | 又 | 0.78 |
| | 又X10-又X10 | 軒先4 | 0.09×0.46 | 0.04 | 柱 | 又X10 | 0.02 | 柱 | 又X10 | 0.02 |
| | 又-又 | 屋根4 | 0.72×0.53 | 0.38 | | 又 | 0.19 | | 又 | 0.19 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | | 計 | 1.55 | | | 0.78 | | | 0.78 |
| | 又X10-又X12 | 屋根4 | 1.17×0.53 | 0.62 | 柱 | 又X10 | 0.38 | 柱 | 又X12 | 0.25 |
| | 又-又 | 屋根4 | 1.17×0.53 | 0.62 | | 又 | 0.09 | | 又 | 0.53 |
| | | 屋根4 | 1.17×0.53 | 0.62 | | | 0.59 | | | 0.04 |
| | | 屋根4 | 2.83×0.55 | 1.55 | | | 0.94 | | | 0.62 |
| | | 内壁 | 3.83×0.54 | 2.07 | | | 1.04 | | | 1.04 |
| | | | 計 | 5.49 | | | 3.02 | | | 2.46 |
| | 又X10-又X11 | 軒先5 | 1.84×0.47 | 0.86 | 柱 | 又X10 | 0.43 | 柱 | 又X11 | 0.43 |
| | 又-又 | 屋根5 | 0.85×0.54 | 0.46 | | 又 | 0.23 | | 又 | 0.23 |
| | | 外壁 | 1.85×0.70 | 1.30 | | | 0.65 | | | 0.65 |
| | | 内壁 | 1.75×0.54 | 0.94 | | | 0.47 | | | 0.47 |
| | | | 計 | 3.56 | | | 1.78 | | | 1.78 |
| | 又X10-又X14 | 屋根4 | 3.05×0.53 | 1.62 | 柱 | 又X10 | 0.52 | 梁 | 又X14-又X15 | 1.10 |
| | 又-又 | 屋根5 | 4.05×0.54 | 2.19 | | 又 | 1.71 | | 又Ｙ４-又 | 0.47 |
| | | 屋根5 | 3.82×0.54 | 2.06 | | | 1.12 | | | 0.94 |
| | | 屋根4 | 1.77×0.53 | 0.94 | | | 0.09 | | | 0.85 |
| | | 屋根4 | 0.96×0.53 | 0.51 | | | 0.23 | | | 0.28 |
| | | | 計 | 7.32 | | | 3.68 | | | 3.64 |
| | 又X10-又X14 | 屋根4 | 2.98×0.53 | 1.59 | 柱 | 又X10 | 0.82 | 柱 | 又X14 | 0.77 |
| | 又-又Ｙ５ | | 計 | 1.59 | | 又 | 0.82 | | 又Ｙ５ | 0.77 |
| | 又X10-又X11 | 軒先4 | 0.09×0.46 | 0.04 | 柱 | 又X10 | 0.02 | 柱 | 又X11 | 0.02 |
| | 又-又 | 屋根4 | 0.72×0.53 | 0.38 | | 又 | 0.19 | | 又 | 0.19 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | | 計 | 1.55 | | | 0.78 | | | 0.78 |
| | 又X11-又X11 | サイディング(N/m²) | 0.47×0.70 | 0.33 | 柱 | 又X11 | 0.16 | 柱 | 又X11 | 0.16 |
| | 又Ｙ１-又 | サイディング(N/m²) | 0.13×0.70 | 0.09 | | 又Ｙ１ | 0.04 | | 又 | 0.04 |
| | | | 計 | 0.42 | | | 0.21 | | | 0.21 |
| | 又X11-又X13 | 内壁 | 3.04×0.54 | 1.64 | 柱 | 又X11 | 0.82 | 柱 | 又X13 | 0.82 |
| | 又-又 | | 計 | 1.64 | | 又 | 0.82 | | 又 | 0.82 |
| | 又X11-又X12 | 外壁 | 0.81×0.70 | 0.56 | 柱 | 又X11 | 0.28 | 柱 | 又X12 | 0.28 |
| | 又-又 | 内壁 | 0.76×0.54 | 0.41 | | 又 | 0.21 | | 又 | 0.21 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X11-又X12 | | 計 | 0.97 | 柱 | 又X11 | 0.49 | 柱 | 又X12 | 0.49 |
| | 又-又 | | | | | 又 | | | 又 | |
| | 又X11-又X12 | 軒先5 | 1.60×0.47 | 0.75 | 柱 | 又X11 | 0.38 | 柱 | 又X12 | 0.38 |
| | 又-又 | 屋根5 | 0.74×0.54 | 0.40 | | 又 | 0.20 | | 又 | 0.20 |
| | | 外壁 | 0.81×0.70 | 0.56 | | | 0.28 | | | 0.28 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.21 | | | 0.21 |
| | | | 計 | 2.13 | | | 1.06 | | | 1.06 |
| | 又X11-又X11 | 屋根4 | 1.55×0.53 | 0.82 | 柱 | 又X11 | 0.19 | 柱 | 又X11 | 0.63 |
| | 又Y６-又 | 屋根4 | 1.46×0.53 | 0.78 | | 又Y６ | 0.18 | | 又 | 0.60 |
| | | 内壁 | 0.58×0.54 | 0.32 | | | 0.16 | | | 0.16 |
| | | | 計 | 1.92 | | | 0.52 | | | 1.39 |
| | 又X11-又X13 | 内壁 | 2.87×0.54 | 1.55 | 柱 | 又X11 | 0.78 | 柱 | 又X13 | 0.78 |
| | 又Y６-又 | | 計 | 1.55 | | 又Y６ | 0.78 | | 又 | 0.78 |
| | 又X11-又X12 | 軒先4 | 0.09×0.46 | 0.04 | 柱 | 又X11 | 0.02 | 柱 | 又X12 | 0.02 |
| | 又-又Y７ | 屋根4 | 0.72×0.53 | 0.38 | | 又 | 0.19 | | 又Y７ | 0.19 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.57 | | | 0.57 |
| | | | 計 | 1.56 | | | 0.78 | | | 0.78 |
| | 又X11-又X12 | 内壁 | 2.51×0.54 | 1.35 | 柱 | 又X11 | 0.68 | 柱 | 又X12 | 0.68 |
| | 又-又Y７ | | 計 | 1.35 | | 又 | 0.68 | | 又Y７ | 0.68 |
| | 又X11-又X12 | 外壁 | 1.80×0.70 | 1.26 | 柱 | 又X11 | 0.63 | 柱 | 又X12 | 0.63 |
| | 又-又 | サイディング(N/m²) | 0.86×0.70 | 0.60 | | 又 | 0.30 | | 又 | 0.30 |
| | | サイディング(N/m²) | 0.23×0.70 | 0.16 | | | 0.08 | | | 0.08 |
| | | | 計 | 2.02 | | | 1.01 | | | 1.01 |
| | 又X12-又X12 | 内壁 | 1.25×0.54 | 0.68 | 柱 | 又X12 | 0.34 | 柱 | 又X12 | 0.34 |
| | 又Y４-又 | | 計 | 0.68 | | 又Y４ | 0.34 | | 又 | 0.34 |
| | 又X12-又X12 | 内壁 | 0.73×0.54 | 0.39 | 柱 | 又X12 | 0.20 | 梁 | X９-又X13 | 0.20 |
| | 又Y４-又Y４ | | 計 | 0.39 | | 又Y４ | 0.20 | | 又-又Y４ | 0.20 |
| | 又X12-又X12 | 外壁 | 1.34×0.70 | 0.94 | 柱 | 又X12 | 0.47 | 柱 | 又X12 | 0.47 |
| | 又-又 | | 計 | 0.94 | | 又 | 0.47 | | 又 | 0.47 |
| | 又X12-又X14 | 屋根4 | 1.17×0.53 | 0.62 | 柱 | 又X12 | 0.47 | 柱 | 又X14 | 0.15 |
| | 又-又Y４ | 屋根4 | 1.17×0.53 | 0.62 | | 又 | 0.12 | | 又Y４ | 0.51 |
| | | 屋根4 | 4.15×0.53 | 2.20 | | | 1.68 | | | 0.53 |
| | | 屋根5 | 1.76×0.54 | 0.95 | | | 0.72 | | | 0.23 |
| | | 内壁 | 1.37×0.54 | 0.74 | | | 0.56 | | | 0.18 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | | 計 | 6.78 | | | 4.37 | | | 2.40 |
| | 又X12-又X14 | 内壁 | 2.31×0.54 | 1.25 | 梁 | X９-又X13 | 0.62 | 柱 | 又X14 | 0.62 |
| | 又Y４-又 | | 計 | 1.25 | | 又-又Y４ | 0.62 | | 又 | 0.62 |
| | 又X12-又X14 | 軒先4 | 0.17×0.46 | 0.08 | 柱 | 又X12 | 0.04 | 柱 | 又X14 | 0.04 |
| | 又Y７-又 | 屋根4 | 1.36×0.53 | 0.72 | | 又Y７ | 0.36 | | 又 | 0.36 |
| | | 外壁 | 3.04×0.70 | 2.13 | | | 1.07 | | | 1.07 |
| | | | 計 | 2.93 | | | 1.47 | | | 1.47 |
| | 又X12-又X13 | 屋根5 | 0.89×0.54 | 0.48 | 柱 | 又X12 | 0.24 | 柱 | 又X13 | 0.24 |
| | 又-又 | 軒先5 | 0.58×0.47 | 0.27 | | 又 | 0.14 | | 又 | 0.14 |
| | | 外壁 | 3.96×0.70 | 2.77 | | | 1.39 | | | 1.39 |
| | | | 計 | 3.53 | | | 1.76 | | | 1.76 |
| | 又X13-又X14 | 屋根4 | 1.46×0.53 | 0.78 | 柱 | 又X13 | 0.66 | 柱 | 又X14 | 0.11 |
| | 又-又 | 屋根4 | 1.55×0.53 | 0.82 | | 又 | 0.70 | | 又 | 0.12 |
| | | | 計 | 1.60 | | | 1.37 | | | 0.23 |
| | 又X13-又X15 | 内壁 | 3.04×0.54 | 1.64 | 柱 | 又X13 | 0.82 | 柱 | 又X15 | 0.82 |
| | 又-又 | | 計 | 1.64 | | 又 | 0.82 | | 又 | 0.82 |
| | 又X13-又X14 | 内壁 | 2.59×0.54 | 1.40 | 柱 | 又X13 | 0.70 | 柱 | 又X14 | 0.70 |
| | 又-又Y５ | | 計 | 1.40 | | 又 | 0.70 | | 又Y５ | 0.70 |
| | 又X13-又X15 | 屋根4 | 3.07×0.53 | 1.63 | 柱 | 又X13 | 0.41 | 柱 | 又X15 | 1.22 |
| | 又-又 | 内壁 | 4.08×0.54 | 2.20 | | 又 | 1.10 | | 又 | 1.10 |
| | | | 計 | 3.83 | | | 1.51 | | | 2.32 |
| | 又X13-又X14 | 屋根5 | 0.63×0.54 | 0.34 | 柱 | 又X13 | 0.17 | 柱 | 又X14 | 0.17 |
| | 又-又 | 屋根4 | 0.50×0.53 | 0.27 | | 又 | 0.04 | | 又 | 0.23 |
| | | 外壁 | 4.78×0.70 | 3.35 | | | 1.67 | | | 1.67 |
| | | | 計 | 3.95 | | | 1.88 | | | 2.07 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X14-又X14 | 内壁 | 1.25×0.54 | 0.68 | 柱 | 又X14 | 0.34 | 柱 | 又X14 | 0.34 |
| | 又-又Y４ | | 計 | 0.68 | | 又 | 0.34 | | 又Y４ | 0.34 |
| | 又X14-又X15 | 内壁 | 2.59×0.54 | 1.40 | 柱 | 又X14 | 0.70 | 柱 | 又X15 | 0.70 |
| | 又Y５-又 | | 計 | 1.40 | | 又Y５ | 0.70 | | 又 | 0.70 |
| | 又X14-又X16 | 屋根4 | 3.07×0.53 | 1.63 | 柱 | 又X14 | 0.41 | 梁 | 又X15-又X17 | 1.22 |
| | 又Y５-又 | | 計 | 1.63 | | 又Y５ | 0.41 | | 又-又Y５ | 1.22 |
| | 又X14-又X16 | 軒先4 | 0.18×0.46 | 0.08 | 柱 | 又X14 | 0.04 | 柱 | 又X16 | 0.04 |
| | 又-又Y６ | 屋根4 | 1.44×0.53 | 0.76 | | 又 | 0.38 | | 又Y６ | 0.38 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | | 計 | 3.10 | | | 1.55 | | | 1.55 |
| | 又X14-又X15 | 屋根4 | 1.17×0.53 | 0.62 | 柱 | 又X14 | 0.43 | 柱 | 又X15 | 0.19 |
| | 又Y４-又 | 屋根4 | 4.18×0.53 | 2.22 | | 又Y４ | 1.53 | | 又 | 0.70 |
| | | 屋根5 | 2.62×0.54 | 1.42 | | | 0.97 | | | 0.44 |
| | | 内壁 | 2.32×0.54 | 1.25 | | | 0.63 | | | 0.63 |
| | | | 計 | 5.51 | | | 3.55 | | | 1.96 |
| | 又X14-又X15 | 屋根4 | 0.82×0.53 | 0.44 | 柱 | 又X14 | 0.26 | 柱 | 又X15 | 0.18 |
| | 又-又 | 外壁 | 4.87×0.70 | 3.41 | | 又 | 1.70 | | 又 | 1.70 |
| | | | 計 | 3.84 | | | 1.96 | | | 1.89 |
| | 又X15-又X15 | 屋根4 | 1.55×0.53 | 0.82 | 柱 | 又X15 | 0.61 | 柱 | 又X15 | 0.21 |
| | 又-又 | 屋根4 | 1.55×0.53 | 0.82 | | 又 | 0.61 | | 又 | 0.21 |
| | | 屋根4 | 1.89×0.53 | 1.01 | | | 0.75 | | | 0.26 |
| | | 内壁 | 1.75×0.54 | 0.95 | | | 0.47 | | | 0.47 |
| | | | 計 | 3.60 | | | 2.44 | | | 1.16 |
| | 又X15-又X18 | 屋根4 | 3.09×0.53 | 1.64 | 梁 | 又X15-又X15 | 0.82 | 梁 | 又X17-又X18 | 0.82 |
| | 又-又Y５ | 屋根4 | 1.05×0.53 | 0.56 | | 又-又 | 0.18 | | 又-又Y５ | 0.37 |
| | | | 計 | 2.20 | | | 1.01 | | | 1.20 |
| | 又X15-又X16 | 内壁 | 1.34×0.54 | 0.72 | 柱 | 又X15 | 0.36 | 柱 | 又X16 | 0.36 |
| | 又-又Y６ | | 計 | 0.72 | | 又 | 0.36 | | 又Y６ | 0.36 |
| | 又X15-又X16 | 内壁 | 1.34×0.54 | 0.72 | 柱 | 又X15 | 0.36 | 柱 | 又X16 | 0.36 |
| | 又-又 | | 計 | 0.72 | | 又 | 0.36 | | 又 | 0.36 |
| | 又X15-又X16 | 内壁 | 2.00×0.54 | 1.08 | 柱 | 又X15 | 0.54 | 柱 | 又X16 | 0.54 |
| | 又-又Y４ | | 計 | 1.08 | | 又 | 0.54 | | 又Y４ | 0.54 |
| | 又X15-又X17 | 屋根4 | 2.29×0.53 | 1.22 | 柱 | 又X15 | 0.66 | 梁 | 又X15-又X18 | 0.56 |
| | 又-又Y５ | | 計 | 1.22 | | 又 | 0.66 | | 又-又Y５ | 0.56 |
| | 又X15-又X16 | 屋根4 | 1.26×0.53 | 0.67 | 柱 | 又X15 | 0.61 | 柱 | 又X16 | 0.06 |
| | 又-又 | 内壁 | 1.67×0.54 | 0.90 | | 又 | 0.45 | | 又 | 0.45 |
| | | | 計 | 1.57 | | | 1.06 | | | 0.51 |
| | 又X15-又X16 | 屋根4 | 1.01×0.53 | 0.54 | 柱 | 又X15 | 0.29 | 柱 | 又X16 | 0.24 |
| | 又-又 | 外壁 | 3.43×0.70 | 2.40 | | 又 | 1.20 | | 又 | 1.20 |
| | | | 計 | 2.94 | | | 1.50 | | | 1.44 |
| | 又X15-又X18 | 屋根4 | 0.76×0.53 | 0.40 | 柱 | 又X15 | 0.27 | 柱 | 又X18 | 0.13 |
| | 又-又 | 軒先4 | 0.23×0.46 | 0.11 | | 又 | 0.07 | | 又 | 0.04 |
| | | | 計 | 0.51 | | | 0.34 | | | 0.17 |
| | 又X16-又X16 | 軒先4 | 0.08×0.46 | 0.04 | 柱 | 又X16 | 0.02 | 柱 | 又X16 | 0.02 |
| | 又Y６-又Y６ | 屋根4 | 0.63×0.53 | 0.34 | | 又Y６ | 0.17 | | 又Y６ | 0.17 |
| | | 外壁 | 1.42×0.70 | 0.99 | | | 0.50 | | | 0.50 |
| | | | 計 | 1.36 | | | 0.68 | | | 0.68 |
| | 又X16-又X16 | 内壁 | 1.34×0.54 | 0.72 | 柱 | 又X16 | 0.36 | 柱 | 又X16 | 0.36 |
| | 又-又Y６ | | 計 | 0.72 | | 又 | 0.36 | | 又Y６ | 0.36 |
| | 又X16-又X17 | 屋根4 | 2.79×0.53 | 1.49 | 柱 | 又X16 | 0.42 | 柱 | 又X17 | 1.06 |
| | 又-又Y３ | 外壁 | 0.50×0.70 | 0.35 | | 又 | 0.03 | | 又Y３ | 0.32 |
| | | 外壁 | 2.62×0.70 | 1.83 | | | 1.06 | | | 0.77 |
| | | | 計 | 3.67 | | | 1.52 | | | 2.15 |
| | 又X16-又X17 | 内壁 | 2.59×0.54 | 1.40 | 柱 | 又X16 | 0.70 | 柱 | 又X17 | 0.70 |
| | 又Y４-又 | | 計 | 1.40 | | 又Y４ | 0.70 | | 又 | 0.70 |
| | 又X16-又X18 | 屋根4 | 3.13×0.53 | 1.66 | 柱 | 又X16 | 0.33 | 柱 | 又X18 | 1.33 |
| | 又Y４-又 | 屋根4 | 1.53×0.53 | 0.82 | | 又Y４ | 0.49 | | 又 | 0.33 |
| | | 内壁 | 3.80×0.54 | 2.05 | | | 1.03 | | | 1.03 |
| | | | 計 | 4.53 | | | 1.85 | | | 2.68 |
| | 又X16-又X18 | 軒先4 | 0.16×0.46 | 0.07 | 柱 | 又X16 | 0.04 | 柱 | 又X18 | 0.04 |
| | 又Y６-又 | 屋根4 | 1.25×0.53 | 0.67 | | 又Y６ | 0.33 | | 又 | 0.33 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 2 | 又X16-又X18 | 外壁 | 2.81×0.70 | 1.96 | 柱 | 又X16 | 0.98 | 柱 | 又X18 | 0.98 |
| | 又Y６-又 | | 計 | 2.70 | | 又Y６ | 1.35 | | 又 | 1.35 |
| | 又X17-又X18 | 屋根4 | 1.55×0.53 | 0.82 | 柱 | 又X17 | 0.11 | 柱 | 又X18 | 0.72 |
| | 又-又Y５ | 屋根4 | 1.55×0.53 | 0.82 | | 又 | 0.11 | | 又Y５ | 0.72 |
| | | 屋根4 | 2.25×0.53 | 1.20 | | | 0.15 | | | 1.04 |
| | | 屋根4 | 1.96×0.53 | 1.04 | | | 0.13 | | | 0.91 |
| | | 内壁 | 3.49×0.54 | 1.89 | | | 0.94 | | | 0.94 |
| | | | 計 | 5.77 | | | 1.44 | | | 4.32 |
| | 又X17-又X21 | 屋根4 | 3.77×0.53 | 2.00 | 柱 | 又X17 | 1.00 | 梁 | 又X20-又X21 | 1.00 |
| | 又-又Y４ | | 計 | 2.00 | | 又 | 1.00 | | 又-又Y４ | 1.00 |
| | 又X17-又X19 | 外壁 | 3.56×0.70 | 2.49 | 柱 | 又X17 | 1.25 | 柱 | 又X19 | 1.25 |
| | 又Y３-又 | | 計 | 2.49 | | 又Y３ | 1.25 | | 又 | 1.25 |
| | 又X18-又X19 | 軒先4 | 0.13×0.46 | 0.06 | 柱 | 又X18 | 0.03 | 柱 | 又X19 | 0.03 |
| | 又-又 | 屋根4 | 0.99×0.53 | 0.53 | | 又 | 0.26 | | 又 | 0.26 |
| | | 外壁 | 2.22×0.70 | 1.56 | | | 0.78 | | | 0.78 |
| | | | 計 | 2.14 | | | 1.07 | | | 1.07 |
| | 又X18-又X22 | 屋根4 | 3.92×0.53 | 2.08 | 梁 | 又X17-又X18 | 1.04 | 梁 | 又X21-又X22 | 1.04 |
| | 又Y５-又 | | 計 | 2.08 | | 又-又Y５ | 1.04 | | 又Y４-又 | 1.04 |
| | 又X18-又X19 | 内壁 | 0.67×0.54 | 0.36 | 柱 | 又X18 | 0.18 | 柱 | 又X19 | 0.18 |
| | 又Y５-又Y５ | | 計 | 0.36 | | 又Y５ | 0.18 | | 又Y５ | 0.18 |
| | 又X18-又X20 | 内壁 | 2.28×0.54 | 1.23 | 柱 | 又X18 | 0.62 | 柱 | 又X20 | 0.62 |
| | 又-又 | | 計 | 1.23 | | 又 | 0.62 | | 又 | 0.62 |
| | 又X19-又X19 | 内壁 | 1.52×0.54 | 0.82 | 柱 | 又X19 | 0.41 | 柱 | 又X19 | 0.41 |
| | 又Y５-又 | | 計 | 0.82 | | 又Y５ | 0.41 | | 又 | 0.41 |
| | 又X19-又X20 | 内壁 | 3.04×0.54 | 1.64 | 柱 | 又X19 | 0.82 | 柱 | 又X20 | 0.82 |
| | 又Y５-又 | | 計 | 1.64 | | 又Y５ | 0.82 | | 又 | 0.82 |
| | 又X19-又X20 | 外壁 | 4.29×0.70 | 3.00 | 柱 | 又X19 | 1.50 | 柱 | 又X20 | 1.50 |
| | 又-又 | | 計 | 3.00 | | 又 | 1.50 | | 又 | 1.50 |
| | 又X19-又X21 | 軒先4 | 0.18×0.46 | 0.08 | 柱 | 又X19 | 0.04 | 柱 | 又X21 | 0.04 |
| | 又-又Y５ | 屋根4 | 1.44×0.53 | 0.76 | | 又 | 0.38 | | 又Y５ | 0.38 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | | 計 | 3.10 | | | 1.55 | | | 1.55 |
| | 又X20-又X21 | 屋根4 | 0.83×0.53 | 0.44 | 柱 | 又X20 | 0.07 | 柱 | 又X21 | 0.37 |
| | 又-又Y４ | 軒先4 | 0.83×0.46 | 0.38 | | 又 | 0.06 | | 又Y４ | 0.33 |
| | | 屋根4 | 1.89×0.53 | 1.00 | | | 0.15 | | | 0.85 |
| | | 外壁 | 3.96×0.70 | 2.77 | | | 1.39 | | | 1.39 |
| | | | 計 | 4.60 | | | 1.66 | | | 2.94 |
| | 又X20-又X21 | 内壁 | 1.52×0.54 | 0.82 | 柱 | 又X20 | 0.41 | 柱 | 又X21 | 0.41 |
| | 又-又Y５ | | 計 | 0.82 | | 又 | 0.41 | | 又Y５ | 0.41 |
| | 又X20-又X22 | 内壁 | 3.04×0.54 | 1.64 | 柱 | 又X20 | 0.82 | 柱 | 又X22 | 0.82 |
| | 又-又 | | 計 | 1.64 | | 又 | 0.82 | | 又 | 0.82 |
| | 又X21-又 | 軒先4 | 0.18×0.46 | 0.08 | 柱 | 又X21 | 0.04 | 柱 | 又 | 0.04 |
| | 又Y５-又 | 外壁 | 3.22×0.70 | 2.26 | | 又Y５ | 1.13 | | 又 | 1.13 |
| | | | 計 | 2.34 | | | 1.17 | | | 1.17 |
| | 又X21-又X22 | 屋根4 | 0.72×0.53 | 0.38 | 柱 | 又X21 | 0.06 | 柱 | 又X22 | 0.33 |
| | 又Y４-又 | 屋根4 | 1.96×0.53 | 1.04 | | 又Y４ | 0.15 | | 又 | 0.89 |
| | | 外壁 | 3.63×0.70 | 2.54 | | | 1.27 | | | 1.27 |
| | | | 計 | 3.96 | | | 1.48 | | | 2.48 |
| | 又X22-又X22 | 外壁 | 0.75×0.70 | 0.53 | 柱 | 又X22 | 0.26 | 柱 | 又X22 | 0.26 |
| | 又-又 | | 計 | 0.53 | | 又 | 0.26 | | 又 | 0.26 |
| | 又X22-又 | 外壁 | 1.65×0.70 | 1.16 | 柱 | 又X22 | 0.58 | 柱 | 又 | 0.58 |
| | 又-又 | | 計 | 1.16 | | 又 | 0.58 | | 又 | 0.58 |
| 1 | X０ | 外壁 | 2.26×0.70 | 1.59 | 柱 | X０ | 0.79 | 柱 | X０ | 0.79 |
| | Y０-又Y０ | 床(2階床 | 0.47×1.40 | 0.67 | | Y０ | 0.33 | | 又Y０ | 0.33 |
| | | 床積載 | 0.47×1.80 | 0.86 | | | 0.43 | | | 0.43 |
| | | 柱又X１Y１ | ×0.446 | 0.79 | | | 0.40 | | | 0.40 |
| | | 柱又Y１ | ×0.353 | 2.62 | | | 1.31 | | | 1.31 |
| | | 柱又X３Y１ | ×0.110 | 0.97 | | | 0.48 | | | 0.48 |
| | | 軒先1 | 0.06×0.46 | 0.03 | | | 0.01 | | | 0.01 |
| | | 外壁 | 0.02×0.70 | 0.01 | | | 0.01 | | | 0.01 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | | 0.29 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0 | | 計 | 8.12 | 柱 | X0 | 4.06 | 柱 | X0 | 4.06 |
| | Y0-又Y0 | | | | | Y0 | | | 又Y0 | |
| | X0 | 外壁 | 0.84×0.70 | 0.59 | 柱 | X0 | 0.29 | 柱 | X0 | 0.29 |
| | Y0-又Y0 | | 計 | 0.59 | | Y0 | 0.29 | | 又Y0 | 0.29 |
| | X0-又X1 | 軒先1 | 0.60×0.46 | 0.28 | 柱 | X0 | 0.14 | 柱 | 又X1 | 0.14 |
| | Y0 | 屋根1 | 1.33×0.53 | 0.70 | | Y0 | 0.35 | | Y0 | 0.35 |
| | | 外壁 | 2.23×0.70 | 1.56 | | | 0.78 | | | 0.78 |
| | | | 計 | 2.54 | | | 1.27 | | | 1.27 |
| | X0-X4 | 外壁 | 0.89×0.70 | 0.62 | 梁 | X0 | 0.52 | 梁 | X4 | 0.10 |
| | 又Y0 | 床(2階床 | 0.19×1.40 | 0.26 | | Y0-又Y0 | 0.22 | | Y0-又Y1 | 0.04 |
| | | 床積載 | 0.19×1.80 | 0.33 | | | 0.28 | | | 0.05 |
| | | 柱又X1Y1 | ×0.527 | 0.94 | | | 0.79 | | | 0.14 |
| | | 外壁 | 1.71×0.70 | 1.20 | | | 0.80 | | | 0.40 |
| | | 床(2階床 | 0.36×1.40 | 0.50 | | | 0.34 | | | 0.17 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.43 | | | 0.21 |
| | | 柱又Y1 | ×0.527 | 3.91 | | | 2.62 | | | 1.29 |
| | | 外壁 | 1.79×0.70 | 1.25 | | | 0.26 | | | 0.99 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.11 | | | 0.42 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.14 | | | 0.54 |
| | | 柱又X3Y1 | ×0.527 | 4.66 | | | 0.97 | | | 3.69 |
| | | | 計 | 15.53 | | | 7.49 | | | 8.04 |
| | X0 | 外壁 | 0.18×0.70 | 0.12 | 柱 | X0 | 0.11 | 柱 | X0 | 0.01 |
| | 又Y0-又Y1 | 外壁 | 0.67×0.70 | 0.47 | | 又Y0 | 0.18 | | 又Y1 | 0.28 |
| | | | 計 | 0.59 | | | 0.29 | | | 0.29 |
| | X0 | 柱X0Y1 | ×1.000 | 1.39 | 柱 | X0 | 1.10 | 柱 | X0 | 0.29 |
| | 又Y0-又Y1 | 外壁 | 0.78×0.70 | 0.55 | | 又Y0 | 0.43 | | 又Y1 | 0.11 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.11 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.14 | | | 0.04 |
| | | 軒先1 | 0.01×0.46 | 0.01 | | | 0.00 | | | 0.00 |
| | | 外壁 | 0.70 | 0.01 | | | 0.01 | | | 0.00 |
| | | 外壁 | 0.18×0.70 | 0.12 | | | 0.11 | | | 0.01 |
| | | 外壁 | 1.27×0.70 | 0.89 | | | 0.35 | | | 0.54 |
| | | 外壁 | 0.67×0.70 | 0.47 | | | 0.18 | | | 0.28 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.07 | | | 0.11 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.09 | | | 0.14 |
| | | | 計 | 4.16 | | | 2.61 | | | 1.56 |
| | X0-又X1 | 外壁 | 1.56×0.70 | 1.09 | 梁 | X0 | 0.55 | 梁 | 又X1 | 0.55 |
| | Y1 | 床(2階床 | 0.20×1.40 | 0.28 | | 又Y0-又Y1 | 0.14 | | 又Y0-又Y1 | 0.14 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 1.73 | | | 0.86 | | | 0.86 |
| | X0 | 床(2階床 | 1.89×1.47 | 2.77 | 柱 | X0 | 1.85 | 柱 | X0 | 0.92 |
| | 又Y1-又 | 床積載 | 1.89×1.80 | 3.40 | | 又Y1 | 2.27 | | 又 | 1.13 |
| | | 外壁 | 2.42×0.70 | 1.69 | | | 0.85 | | | 0.85 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 0.88 | | | 0.88 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.08 | | | 0.02 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | | 計 | 10.46 | | | 6.20 | | | 4.26 |
| | X0-X4 | 外壁 | 0.79×0.70 | 0.55 | 柱 | X0 | 0.47 | 柱 | X4 | 0.09 |
| | 又Y1 | 床(2階床 | 0.30×1.40 | 0.41 | | 又Y1 | 0.35 | | 又Y1 | 0.06 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.45 | | | 0.08 |
| | | 柱又X1Y1 | ×0.473 | 0.84 | | | 0.71 | | | 0.13 |
| | | 外壁 | 1.53×0.70 | 1.07 | | | 0.72 | | | 0.35 |
| | | 床(2階床 | 0.45×1.40 | 0.63 | | | 0.42 | | | 0.21 |
| | | 床積載 | 0.45×1.80 | 0.81 | | | 0.54 | | | 0.27 |
| | | 柱又Y1 | ×0.473 | 3.50 | | | 2.35 | | | 1.16 |
| | | 外壁 | 1.60×0.70 | 1.12 | | | 0.23 | | | 0.89 |
| | | 床(2階床 | 0.47×1.40 | 0.65 | | | 0.14 | | | 0.52 |
| | | 床積載 | 0.47×1.80 | 0.84 | | | 0.17 | | | 0.66 |
| | | 柱又X3Y1 | ×0.473 | 4.18 | | | 0.87 | | | 3.31 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0-X4 | 床(2階床 | 0.05×1.40 | 0.07 | 柱 | X0 | 0.04 | 柱 | X4 | 0.04 |
| | 又Y1 | 床積載 | 0.05×1.80 | 0.09 | | 又Y1 | 0.05 | | 又Y1 | 0.05 |
| | | 床(2階床 | 0.20×1.47 | 0.29 | | | 0.27 | | | 0.02 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.68 | | | 0.23 |
| | | 床(2階床 | 0.25×1.47 | 0.36 | | | 0.27 | | | 0.09 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.23 | | | 0.68 |
| | | 床(2階床 | 0.31×1.47 | 0.46 | | | 0.05 | | | 0.41 |
| | | 床(2階床 | 0.85×1.47 | 1.25 | | | 0.55 | | | 0.70 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.33 | | | 0.03 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.84 | | | 0.28 |
| | | 床積載 | 0.25×1.80 | 0.44 | | | 0.34 | | | 0.11 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.28 | | | 0.84 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.06 | | | 0.51 |
| | | 床積載 | 0.85×1.80 | 1.54 | | | 0.67 | | | 0.86 |
| | | | 計 | 24.65 | | | 12.08 | | | 12.57 |
| | X0-X4 | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | X0 | 0.04 | 梁 | X4 | 0.04 |
| | 又 | 床積載 | 0.05×1.80 | 0.09 | | 又Y1-又 | 0.05 | | 又Y1-又 | 0.05 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.68 | | | 0.23 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.23 | | | 0.68 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.84 | | | 0.28 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.28 | | | 0.84 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 12.34 | | | 6.17 | | | 6.17 |
| | X0 | 外壁 | 1.61×0.70 | 1.13 | 柱 | X0 | 0.56 | 柱 | X0 | 0.56 |
| | 又-又 | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又 | 0.59 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.97 | | | 1.48 | | | 1.48 |
| | X0-X4 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X0 | 0.14 | 柱 | X4 | 0.14 |
| | 又 | 床積載 | 0.21×1.80 | 0.37 | | 又 | 0.19 | | 又 | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 16.22 | | | 8.11 | | | 8.11 |
| | X0 | 床(2階床 | 2.48×1.46 | 3.64 | 柱 | X0 | 1.82 | 柱 | X0 | 1.82 |
| | 又-Y2 | 床積載 | 2.48×1.80 | 4.47 | | 又 | 2.24 | | Y2 | 2.24 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.07 | | | 0.22 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.09 | | | 0.28 |
| | | | 計 | 14.05 | | | 7.02 | | | 7.02 |
| | X0-X4 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X0 | 0.14 | 梁 | X4 | 0.14 |
| | 又 | 床積載 | 0.21×1.80 | 0.37 | | 又 | 0.19 | | 又-又 | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0-X4 | 床(2階床 | 1.14×1.47 | 1.67 | 柱 | X0 | 1.26 | 梁 | X4 | 0.42 |
| | 又 | 床(2階床 | 1.14×1.47 | 1.67 | | 又 | 0.42 | | 又-又 | 1.26 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 16.22 | | | 8.11 | | | 8.11 |
| | X0-X4 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0 | 0.14 | 梁 | X4 | 0.14 |
| | 又 | 床積載 | 0.21×1.80 | 0.37 | | 又-Y2 | 0.19 | | 又-Y2 | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 16.22 | | | 8.11 | | | 8.11 |
| | X0 | 床(2階床 | 2.48×1.46 | 3.64 | 柱 | X0 | 1.82 | 柱 | X0 | 1.82 |
| | Y2- | 床積載 | 2.48×1.80 | 4.47 | | Y2 | 2.24 | | | 2.24 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.07 | | | 0.22 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.09 | | | 0.28 |
| | | | 計 | 14.05 | | | 7.02 | | | 7.02 |
| | X0-X4 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X0 | 0.14 | 柱 | X4 | 0.14 |
| | Y2 | 床積載 | 0.21×1.80 | 0.37 | | Y2 | 0.19 | | Y2 | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 16.22 | | | 8.11 | | | 8.11 |
| | X0-X4 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0 | 0.14 | 梁 | X4 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | Y2- | 0.19 | | Y2-又 | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 16.22 | | | 8.11 | | | 8.11 |
| | X0 | 外壁 | 1.61×0.70 | 1.13 | 柱 | X0 | 0.56 | 柱 | X0 | 0.56 |
| | -Y3 | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | Y3 | 0.59 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.97 | | | 1.48 | | | 1.48 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0-X4 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X0 | 0.14 | 梁 | X4 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | 又-Y3 | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床(2階床 | 0.57×1.47 | 0.84 | | | 0.12 | | | 0.72 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.40 | | | 0.51 |
| | | 床(2階床 | 0.88×1.47 | 1.29 | | | 1.03 | | | 0.26 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 1.26 | | | 0.42 |
| | | 床(2階床 | 1.14×1.47 | 1.67 | | | 0.42 | | | 1.26 |
| | | 床積載 | 0.57×1.80 | 1.02 | | | 0.15 | | | 0.88 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.49 | | | 0.62 |
| | | 床積載 | 0.88×1.80 | 1.58 | | | 1.26 | | | 0.32 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.54 | | | 0.51 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 0.51 | | | 1.54 |
| | | | 計 | 16.20 | | | 8.10 | | | 8.10 |
| | X0 | 柱X0又Y3 | ×1.000 | 3.81 | 柱 | X0 | 2.66 | 柱 | X0 | 1.16 |
| | Y3-Y4 | 床(2階床 | 1.71×1.46 | 2.50 | | Y3 | 1.50 | | Y4 | 1.00 |
| | | 床積載 | 1.71×1.80 | 3.08 | | | 1.85 | | | 1.23 |
| | | 床(2階床 | 1.31×1.46 | 1.91 | | | 0.38 | | | 1.53 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 0.47 | | | 1.88 |
| | | 外壁 | 4.03×0.70 | 2.82 | | | 1.41 | | | 1.41 |
| | | 外壁 | 4.21×0.70 | 2.95 | | | 1.47 | | | 1.47 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.07 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.23 | | | 0.06 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.12 | | | 0.17 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.01 | | | 0.08 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.30 | | | 0.07 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.15 | | | 0.22 |
| | | | 計 | 20.91 | | | 10.55 | | | 10.36 |
| | X0-又X1 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X0 | 0.22 | 柱 | 又X1 | 0.22 |
| | Y3 | 内壁 | 1.52×0.54 | 0.82 | | Y3 | 0.41 | | Y3 | 0.41 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 3.24 | | | 1.62 | | | 1.62 |
| | X0-又X1 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X0 | 0.22 | 柱 | 又X1 | 0.22 |
| | Y3 | | 計 | 0.43 | | Y3 | 0.22 | | Y3 | 0.22 |
| | X0-X3 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0 | 0.13 | 梁 | X3 | 0.16 |
| | | 床積載 | 0.21×1.80 | 0.37 | | Y3-Y4 | 0.16 | | Y3-又 | 0.21 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.13 | | | 0.16 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.16 | | | 0.21 |
| | | 床(2階床 | 0.88×1.47 | 1.29 | | | 0.93 | | | 0.37 |
| | | 床(2階床 | 0.88×1.47 | 1.29 | | | 0.93 | | | 0.37 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.20 | | | 0.72 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.20 | | | 0.72 |
| | | 床積載 | 0.88×1.80 | 1.58 | | | 1.13 | | | 0.45 |
| | | 床積載 | 0.88×1.80 | 1.58 | | | 1.13 | | | 0.45 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.24 | | | 0.88 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.24 | | | 0.88 |
| | | | 計 | 11.14 | | | 5.57 | | | 5.57 |
| | X0-X3 | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | X0 | 0.03 | 梁 | X3 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | Y3-Y4 | 0.04 | | 又-Y4 | 0.05 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.13 | | | 0.16 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.16 | | | 0.21 |
| | | 床(2階床 | 0.49×1.47 | 0.72 | | | 0.52 | | | 0.21 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.12 | | | 0.42 |
| | | 床(2階床 | 0.88×1.47 | 1.29 | | | 0.93 | | | 0.37 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.20 | | | 0.72 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0-X3 | 床積載 | 0.49×1.80 | 0.89 | 梁 | X0 | 0.63 | 梁 | X3 | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | Y3-Y4 | 0.14 | | 又-Y4 | 0.51 |
| | | 床積載 | 0.88×1.80 | 1.58 | | | 1.13 | | | 0.45 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.24 | | | 0.88 |
| | | | 計 | 8.53 | | | 4.27 | | | 4.26 |
| | X0 | 外壁 | 1.11×0.70 | 0.78 | 柱 | X0 | 0.39 | 柱 | X0 | 0.39 |
| | Y4-又 | | 計 | 0.78 | | Y4 | 0.39 | | 又 | 0.39 |
| | X0 | 外壁 | 2.13×0.70 | 1.49 | 柱 | X0 | 0.74 | 柱 | X0 | 0.74 |
| | Y4-又 | 外壁 | 1.11×0.70 | 0.78 | | Y4 | 0.39 | | 又 | 0.39 |
| | | 床(2階床 | 0.33×1.40 | 0.47 | | | 0.23 | | | 0.23 |
| | | 床積載 | 0.33×1.80 | 0.60 | | | 0.30 | | | 0.30 |
| | | | 計 | 3.34 | | | 1.67 | | | 1.67 |
| | X0-X1 | 内壁 | 0.77×0.54 | 0.42 | 柱 | X0 | 0.21 | 柱 | X1 | 0.21 |
| | Y4 | 床(2階床 | 0.17×1.40 | 0.24 | | Y4 | 0.12 | | Y4 | 0.12 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 1.59 | | | 0.80 | | | 0.80 |
| | X0-X1 | 内壁 | 0.77×0.54 | 0.42 | 柱 | X0 | 0.21 | 柱 | X1 | 0.21 |
| | Y4 | | 計 | 0.42 | | Y4 | 0.21 | | Y4 | 0.21 |
| | X0 | 床(2階床 | 0.18×1.40 | 0.26 | 柱 | X0 | 0.15 | 柱 | X0 | 0.11 |
| | 又- | 床積載 | 0.18×1.80 | 0.33 | | 又 | 0.20 | | | 0.14 |
| | | 外壁 | 2.20×0.70 | 1.54 | | | 0.77 | | | 0.77 |
| | | 外壁 | 1.42×0.70 | 0.99 | | | 0.50 | | | 0.50 |
| | | | 計 | 3.13 | | | 1.62 | | | 1.51 |
| | X0 | 外壁 | 0.51×0.70 | 0.35 | 柱 | X0 | 0.18 | 柱 | X0 | 0.18 |
| | 又- | 外壁 | 1.42×0.70 | 0.99 | | 又 | 0.50 | | | 0.50 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.11 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.14 | | | 0.04 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.26 |
| | | | 計 | 2.32 | | | 1.11 | | | 1.20 |
| | X0-又X1 | 内壁 | 0.21×0.54 | 0.11 | 柱 | X0 | 0.00 | 柱 | 又X1 | 0.11 |
| | 又 | 床(2階床 | 1.05×1.40 | 1.48 | | 又 | 0.05 | | 又 | 1.43 |
| | | 床積載 | 1.05×1.80 | 1.90 | | | 0.06 | | | 1.83 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | | 0.41 |
| | | | 計 | 4.31 | | | 0.53 | | | 3.78 |
| | X0-X3 | 床(2階床 | 0.30×1.40 | 0.42 | 柱 | X0 | 0.33 | 柱 | X3 | 0.09 |
| | 又 | 床積載 | 0.30×1.80 | 0.54 | | 又 | 0.43 | | 又 | 0.11 |
| | | 床(2階床 | 0.30×1.40 | 0.43 | | | 0.28 | | | 0.15 |
| | | 床積載 | 0.30×1.80 | 0.55 | | | 0.36 | | | 0.19 |
| | | 内壁 | 1.09×0.54 | 0.59 | | | 0.13 | | | 0.46 |
| | | 床(2階床 | 0.34×1.40 | 0.48 | | | 0.10 | | | 0.38 |
| | | 床積載 | 0.34×1.80 | 0.62 | | | 0.13 | | | 0.49 |
| | | 柱X２又Y４ | ×0.625 | 1.57 | | | 0.34 | | | 1.23 |
| | | 床(2階床 | 0.34×1.40 | 0.47 | | | 0.21 | | | 0.27 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.26 | | | 0.35 |
| | | 床(2階床 | 0.42×1.47 | 0.62 | | | 0.38 | | | 0.24 |
| | | 床(2階床 | 0.23×1.47 | 0.34 | | | 0.11 | | | 0.23 |
| | | 床(2階床 | 0.18×1.47 | 0.26 | | | 0.23 | | | 0.03 |
| | | 床積載 | 0.42×1.80 | 0.76 | | | 0.46 | | | 0.30 |
| | | 床積載 | 0.23×1.80 | 0.42 | | | 0.14 | | | 0.28 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.28 | | | 0.03 |
| | | 床(2階床 | 0.19×1.47 | 0.27 | | | 0.03 | | | 0.24 |
| | | 床(2階床 | 0.15×1.47 | 0.23 | | | 0.02 | | | 0.20 |
| | | 床積載 | 0.19×1.80 | 0.33 | | | 0.04 | | | 0.30 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.03 | | | 0.25 |
| | | 床(2階床 | 0.09×1.47 | 0.13 | | | 0.09 | | | 0.04 |
| | | 床(2階床 | 0.19×1.47 | 0.28 | | | 0.25 | | | 0.03 |
| | | 床(2階床 | 0.21×1.47 | 0.30 | | | 0.16 | | | 0.14 |
| | | 床(2階床 | 0.21×1.47 | 0.30 | | | 0.10 | | | 0.21 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0-X3 | 床積載 | 0.09×1.80 | 0.16 | 柱 | X0 | 0.12 | 柱 | X3 | 0.05 |
| | 又 | 床積載 | 0.19×1.80 | 0.35 | | 又 | 0.31 | | 又 | 0.04 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.20 | | | 0.17 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | | 計 | 12.39 | | | 5.65 | | | 6.74 |
| | X0-X1 | 床(2階床 | 0.18×1.40 | 0.25 | 梁 | X0 | 0.12 | 梁 | X1 | 0.12 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | 又- | 0.14 | | 又- | 0.14 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 1.18 | | | 0.59 | | | 0.59 |
| | X0 | 外壁 | 1.31×0.70 | 0.92 | 柱 | X0 | 0.46 | 柱 | X0 | 0.46 |
| | -Y5 | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | Y5 | 0.29 |
| | | | 計 | 1.51 | | | 0.75 | | | 0.75 |
| | X0 | 外壁 | 0.30×0.70 | 0.21 | 柱 | X0 | 0.11 | 柱 | X0 | 0.11 |
| | -Y5 | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | Y5 | 0.29 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.46 | | | 0.73 | | | 0.73 |
| | X0-X1 | 床(2階床 | 0.19×1.40 | 0.27 | 柱 | X0 | 0.14 | 柱 | X1 | 0.14 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 1.24 | | | 0.62 | | | 0.62 |
| | X0 | 柱X0 | ×1.000 | 6.85 | 柱 | X0 | 3.43 | 柱 | X0 | 3.43 |
| | Y5- | 外壁 | 2.62×0.70 | 1.83 | | Y5 | 0.92 | | | 0.92 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | | 0.59 |
| | | | 計 | 9.87 | | | 4.93 | | | 4.93 |
| | X0 | 外壁 | 0.60×0.70 | 0.42 | 柱 | X0 | 0.21 | 柱 | X0 | 0.21 |
| | Y5- | 外壁 | 1.69×0.70 | 1.18 | | Y5 | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.61×1.40 | 0.85 | | | 0.43 | | | 0.43 |
| | | 床積載 | 0.61×1.80 | 1.09 | | | 0.55 | | | 0.55 |
| | | | 計 | 3.54 | | | 1.77 | | | 1.77 |
| | X0-X1 | 内壁 | 1.47×0.54 | 0.79 | 柱 | X0 | 0.40 | 柱 | X1 | 0.40 |
| | Y5 | 床(2階床 | 0.19×1.40 | 0.27 | | Y5 | 0.14 | | Y5 | 0.14 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 2.03 | | | 1.02 | | | 1.02 |
| | X0 | 外壁 | 0.30×0.70 | 0.21 | 柱 | X0 | 0.11 | 柱 | X0 | 0.11 |
| | -Y6 | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | Y6 | 0.29 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.46 | | | 0.73 | | | 0.73 |
| | X0 | 外壁 | 1.31×0.70 | 0.92 | 柱 | X0 | 0.46 | 柱 | X0 | 0.46 |
| | -Y6 | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | Y6 | 0.29 |
| | | | 計 | 1.51 | | | 0.75 | | | 0.75 |
| | X0-X1 | 床(2階床 | 0.19×1.40 | 0.27 | 柱 | X0 | 0.14 | 柱 | X1 | 0.14 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 1.24 | | | 0.62 | | | 0.62 |
| | X0 | 外壁 | 0.60×0.70 | 0.42 | 柱 | X0 | 0.21 | 柱 | X0 | 0.21 |
| | Y6-Y7 | 外壁 | 1.69×0.70 | 1.18 | | Y6 | 0.59 | | Y7 | 0.59 |
| | | 床(2階床 | 0.61×1.40 | 0.85 | | | 0.43 | | | 0.43 |
| | | 床積載 | 0.61×1.80 | 1.09 | | | 0.55 | | | 0.55 |
| | | | 計 | 3.54 | | | 1.77 | | | 1.77 |
| | X0 | 外壁 | 2.62×0.70 | 1.83 | 柱 | X0 | 0.92 | 柱 | X0 | 0.92 |
| | Y6-Y7 | 外壁 | 1.69×0.70 | 1.18 | | Y6 | 0.59 | | Y7 | 0.59 |
| | | | 計 | 3.01 | | | 1.51 | | | 1.51 |
| | X0-X1 | 床(2階床 | 0.19×1.40 | 0.27 | 柱 | X0 | 0.14 | 柱 | X1 | 0.14 |
| | Y6 | 床(2階床 | 0.19×1.40 | 0.27 | | Y6 | 0.14 | | Y6 | 0.14 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X0-X1 | 床積載 | 0.19×1.80 | 0.35 | 柱 | X0 | 0.17 | 柱 | X1 | 0.17 |
| | Y6 | 床積載 | 0.19×1.80 | 0.35 | | Y6 | 0.17 | | Y6 | 0.17 |
| | | | 計 | 1.24 | | | 0.62 | | | 0.62 |
| | X0 | 床(2階床 | 1.31×1.47 | 1.92 | 柱 | X0 | 0.64 | 柱 | X0 | 1.28 |
| | Y7-又 | 床積載 | 1.31×1.80 | 2.35 | | Y7 | 0.78 | | 又 | 1.57 |
| | | 外壁 | 2.42×0.70 | 1.69 | | | 0.85 | | | 0.85 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 0.88 | | | 0.88 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.25 | | | 0.12 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.08 |
| | | | 計 | 8.56 | | | 3.62 | | | 4.94 |
| | X0-X1 | 内壁 | 0.77×0.54 | 0.42 | 柱 | X0 | 0.21 | 柱 | X1 | 0.21 |
| | Y7 | 床(2階床 | 0.30×1.40 | 0.42 | | Y7 | 0.21 | | Y7 | 0.21 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.27 | | | 0.27 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 1.99 | | | 0.99 | | | 0.99 |
| | X0-X1 | 内壁 | 0.77×0.54 | 0.42 | 柱 | X0 | 0.21 | 柱 | X1 | 0.21 |
| | Y7 | | 計 | 0.42 | | Y7 | 0.21 | | Y7 | 0.21 |
| | X0-X3 | 床(2階床 | 1.71×1.47 | 2.51 | 梁 | X0 | 1.26 | 梁 | X3 | 1.26 |
| | | 床(2階床 | 0.91×1.47 | 1.33 | | Y7-又 | 0.67 | | Y7-Y8 | 0.67 |
| | | 床積載 | 1.71×1.80 | 3.08 | | | 1.54 | | | 1.54 |
| | | 床積載 | 0.91×1.80 | 1.63 | | | 0.82 | | | 0.82 |
| | | | 計 | 8.55 | | | 4.27 | | | 4.27 |
| | X0 | 柱X0Y8 | ×1.000 | 1.88 | 柱 | X0 | 0.63 | 柱 | X0 | 1.26 |
| | 又-Y9 | 外壁 | 2.14×0.70 | 1.50 | | 又 | 0.50 | | Y9 | 1.00 |
| | | 床(2階床 | 0.85×1.47 | 1.26 | | | 0.42 | | | 0.84 |
| | | 床積載 | 0.85×1.80 | 1.54 | | | 0.51 | | | 1.03 |
| | | 柱又X1Y8 | ×0.757 | 3.97 | | | 1.32 | | | 2.65 |
| | | 軒先1 | 0.03×0.46 | 0.01 | | | 0.00 | | | 0.01 |
| | | 外壁 | 0.34×0.70 | 0.24 | | | 0.04 | | | 0.20 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.10 | | | 0.49 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.75 | | | 0.38 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.79 | | | 0.39 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.25 | | | 0.12 |
| | | | 計 | 13.95 | | | 5.50 | | | 8.45 |
| | X0-X3 | 床(2階床 | 0.91×1.47 | 1.33 | 柱 | X0 | 0.67 | 梁 | X3 | 0.67 |
| | 又 | 床(2階床 | 1.71×1.47 | 2.51 | | 又 | 1.26 | | Y7-Y8 | 1.26 |
| | | 床積載 | 0.91×1.80 | 1.63 | | | 0.82 | | | 0.82 |
| | | 床積載 | 1.71×1.80 | 3.08 | | | 1.54 | | | 1.54 |
| | | | 計 | 8.55 | | | 4.27 | | | 4.27 |
| | X0-X3 | 柱又X1Y8 | ×1.000 | 5.25 | 梁 | X0 | 3.97 | 柱 | X3 | 1.28 |
| | Y8 | 外壁 | 4.27×0.70 | 2.99 | | 又-Y9 | 1.50 | | Y8 | 1.50 |
| | | 床(2階床 | 1.71×1.47 | 2.51 | | | 1.26 | | | 1.26 |
| | | 床積載 | 1.71×1.80 | 3.08 | | | 1.54 | | | 1.54 |
| | | | 計 | 13.83 | | | 8.26 | | | 5.57 |
| | X0 | 軒先1 | 0.06×0.46 | 0.03 | 柱 | X0 | 0.01 | 柱 | X0 | 0.01 |
| | Y9- | | 計 | 0.03 | | Y9 | 0.01 | | | 0.01 |
| | X0-又X0 | 外壁 | 0.28×0.70 | 0.19 | 柱 | X0 | 0.10 | 柱 | 又X0 | 0.10 |
| | Y9 | 外壁 | 0.69×0.70 | 0.49 | | Y9 | 0.24 | | Y9 | 0.24 |
| | | | 計 | 0.68 | | | 0.34 | | | 0.34 |
| | X0 | 軒先1 | 0.03×0.46 | 0.01 | 柱 | X0 | 0.01 | | 受材１へ | |
| | -Y10 | | 計 | 0.01 | | | 0.01 | | | |
| | 又X0-又X1 | 外壁 | 0.82×0.70 | 0.58 | 柱 | 又X0 | 0.29 | 柱 | 又X1 | 0.29 |
| | Y9 | 外壁 | 2.08×0.70 | 1.46 | | Y9 | 0.73 | | Y9 | 0.73 |
| | | | 計 | 2.04 | | | 1.02 | | | 1.02 |
| | X1 | 床(2階床 | 0.27×1.40 | 0.38 | 柱 | X1 | 0.19 | 梁 | X0-X3 | 0.19 |
| | Y4-又 | 床(2階床 | 0.33×1.40 | 0.47 | | Y4 | 0.23 | | 又 | 0.23 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ１ | 床積載 | 0.33×1.80 | 0.60 | 柱 | Ｘ１ | 0.30 | 梁 | Ｘ０-Ｘ３ | 0.30 |
| | Ｙ４-又 | | 計 | 1.93 | | Ｙ４ | 0.97 | | 又 | 0.97 |
| | Ｘ１-又 | 内壁 | 1.22×0.54 | 0.66 | 柱 | Ｘ１ | 0.33 | 柱 | 又 | 0.33 |
| | Ｙ４ | | 計 | 0.66 | | Ｙ４ | 0.33 | | Ｙ４ | 0.33 |
| | Ｘ１-又 | 床(2階床 | 0.30×1.40 | 0.43 | 柱 | Ｘ１ | 0.24 | 柱 | 又 | 0.18 |
| | Ｙ４ | 床積載 | 0.30×1.80 | 0.55 | | Ｙ４ | 0.31 | | Ｙ４ | 0.24 |
| | | 内壁 | 1.22×0.54 | 0.66 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.31×1.40 | 0.44 | | | 0.22 | | | 0.22 |
| | | 床(2階床 | 0.09×1.40 | 0.13 | | | 0.10 | | | 0.03 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.08 | | | 0.20 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.13 | | | 0.03 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.10 | | | 0.26 |
| | | | 計 | 3.56 | | | 1.79 | | | 1.77 |
| | Ｘ１ | 床(2階床 | 0.18×1.40 | 0.26 | 梁 | Ｘ０-又Ｘ１ | 0.15 | 柱 | Ｘ１ | 0.11 |
| | 又- | 床積載 | 0.18×1.80 | 0.33 | | 又 | 0.20 | | | 0.14 |
| | | 内壁 | 0.35×0.54 | 0.19 | | | 0.11 | | | 0.08 |
| | | 床(2階床 | 1.12×1.40 | 1.57 | | | 0.93 | | | 0.64 |
| | | 床積載 | 1.12×1.80 | 2.02 | | | 1.20 | | | 0.82 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.11 | | | 0.03 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.11 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.14 | | | 0.04 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.14 | | | 0.04 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.26 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.26 |
| | | | 計 | 6.31 | | | 3.48 | | | 2.83 |
| | Ｘ１-Ｘ３ | 内壁 | 0.76×0.54 | 0.41 | 梁 | Ｘ１ | 0.11 | 梁 | Ｘ３ | 0.30 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | 又- | 0.08 | | 又-又 | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 内壁 | 0.52×0.54 | 0.28 | | | 0.08 | | | 0.20 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.04 | | | 0.10 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.05 | | | 0.13 |
| | | 床(2階床 | 0.65×1.40 | 0.92 | | | 0.58 | | | 0.33 |
| | | 床(2階床 | 0.89×1.40 | 1.25 | | | 0.80 | | | 0.45 |
| | | 床積載 | 0.65×1.80 | 1.18 | | | 0.75 | | | 0.43 |
| | | 床積載 | 0.89×1.80 | 1.61 | | | 1.02 | | | 0.58 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.04 | | | 0.22 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.04 | | | 0.25 |
| | | 床積載 | 0.19×1.80 | 0.33 | | | 0.05 | | | 0.29 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.05 | | | 0.32 |
| | | | 計 | 7.87 | | | 3.78 | | | 4.09 |
| | Ｘ１ | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | Ｘ１ | 0.14 | 柱 | Ｘ１ | 0.14 |
| | -Ｙ５ | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | Ｙ５ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | Ｘ１-Ｘ３ | 柱Ｘ２ | ×1.000 | 7.55 | 柱 | Ｘ１ | 2.06 | 梁 | Ｘ３ | 5.49 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.11 | | 又-又 | 0.30 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.11 | | | 0.30 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.11 | | | 0.71 |
| | | 床(2階床 | 0.89×1.40 | 1.25 | | | 0.80 | | | 0.45 |
| | | 床(2階床 | 0.89×1.40 | 1.25 | | | 0.80 | | | 0.45 |
| | | 床積載 | 0.89×1.80 | 1.61 | | | 1.02 | | | 0.58 |
| | | 床積載 | 0.89×1.80 | 1.61 | | | 1.02 | | | 0.58 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.04 | | | 0.25 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X1-X3 | 床積載 | 0.21×1.80 | 0.37 | 柱 | X1 | 0.05 | 梁 | X3 | 0.32 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.04 | | 又-又 | 0.25 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.05 | | | 0.32 |
| | | | 計 | 17.56 | | | 6.59 | | | 10.98 |
| | X1 | 床(2階床 | 1.31×1.40 | 1.83 | 柱 | X1 | 0.92 | 柱 | X1 | 0.92 |
| | Y5- | 床積載 | 1.31×1.80 | 2.35 | | Y5 | 1.18 | | | 1.18 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床(2階床 | 0.61×1.40 | 0.85 | | | 0.43 | | | 0.43 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.07 | | | 0.22 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.61×1.80 | 1.09 | | | 0.55 | | | 0.55 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.09 | | | 0.28 |
| | | | 計 | 7.45 | | | 3.73 | | | 3.73 |
| | X1-X3 | 柱又X1Y5 | ×1.000 | 3.49 | 柱 | X1 | 3.46 | 梁 | X3 | 0.03 |
| | Y5 | 柱又Y5 | ×1.000 | 4.26 | | Y5 | 2.33 | | 又-又 | 1.93 |
| | | 柱X2Y5 | ×1.000 | 2.58 | | | 0.71 | | | 1.88 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.11 | | | 0.30 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 内壁 | 0.05×0.54 | 0.03 | | | 0.03 | | | 0.00 |
| | | 内壁 | 2.47×0.54 | 1.34 | | | 1.03 | | | 0.31 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.34 | | | 0.48 |
| | | 床(2階床 | 0.89×1.40 | 1.25 | | | 0.80 | | | 0.45 |
| | | 床積載 | 0.89×1.80 | 1.61 | | | 1.02 | | | 0.58 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 0.92 | | | 0.92 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.04 | | | 0.25 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.05 | | | 0.32 |
| | | | 計 | 21.30 | | | 12.18 | | | 9.12 |
| | X1-X3 | 床(2階床 | 1.31×1.40 | 1.83 | 梁 | X1 | 0.92 | 梁 | X3 | 0.92 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | Y5- | 0.92 | | 又-又 | 0.92 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | | 計 | 8.37 | | | 4.19 | | | 4.19 |
| | X1 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X1 | 0.14 | 柱 | X1 | 0.14 |
| | -Y6 | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | Y6 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | X1-X3 | 床(2階床 | 1.31×1.40 | 1.83 | 柱 | X1 | 0.92 | 梁 | X3 | 0.92 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 0.92 | | 又-又 | 0.92 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | | 計 | 8.37 | | | 4.19 | | | 4.19 |
| | X1 | 床(2階床 | 1.31×1.40 | 1.83 | 柱 | X1 | 0.92 | 柱 | X1 | 0.92 |
| | Y6-Y7 | 床積載 | 1.31×1.80 | 2.35 | | Y6 | 1.18 | | Y7 | 1.18 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.07 | | | 0.22 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床(2階床 | 0.61×1.40 | 0.85 | | | 0.43 | | | 0.43 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.09 | | | 0.28 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.61×1.80 | 1.09 | | | 0.55 | | | 0.55 |
| | | | 計 | 7.45 | | | 3.73 | | | 3.73 |
| | X1-X3 | 床(2階床 | 1.31×1.40 | 1.83 | 柱 | X1 | 0.92 | 梁 | X3 | 0.92 |
| | Y6 | 床(2階床 | 1.31×1.40 | 1.83 | | Y6 | 0.92 | | 又-又 | 0.92 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | | 計 | 8.37 | | | 4.19 | | | 4.19 |
| | X1-X3 | 床(2階床 | 1.31×1.40 | 1.83 | 梁 | X1 | 0.92 | 梁 | X3 | 0.92 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | Y6-Y7 | 0.92 | | 又-又 | 0.92 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |

| 梁 | | 荷重項目 | | | 受材1 | | | 受材2 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | P0 | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X1-X3 | 床積載 | 1.31×1.80 | 2.35 | 梁 | X1 | 1.18 | 梁 | X3 | 1.18 |
| | | | 計 | 8.37 | | Y6-Y7 | 4.19 | | 又-又 | 4.19 |
| | X1-又 | 内壁 | 1.32×0.54 | 0.71 | 柱 | X1 | 0.36 | 柱 | 又 | 0.36 |
| | Y7 | | 計 | 0.71 | | Y7 | 0.36 | | Y7 | 0.36 |
| | X1-又 | 内壁 | 1.32×0.54 | 0.71 | 柱 | X1 | 0.36 | 柱 | 又 | 0.36 |
| | Y7 | 床(2階床 | 0.58×1.40 | 0.82 | | Y7 | 0.41 | | Y7 | 0.41 |
| | | 床(2階床 | 0.69×1.40 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床積載 | 0.58×1.80 | 1.05 | | | 0.53 | | | 0.53 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.62 | | | 0.62 |
| | | | 計 | 4.78 | | | 2.39 | | | 2.39 |
| | 又X1 | 柱又X1Y1 | ×1.000 | 1.78 | 梁 | X0-X4 | 0.94 | 梁 | X0-X4 | 0.84 |
| | 又Y0-又Y1 | 外壁 | 0.90×0.70 | 0.63 | | 又Y0 | 0.33 | | 又Y1 | 0.30 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.09 | | | 0.08 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.12 | | | 0.10 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.29 | | | 0.26 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.08 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.06 | | | 0.17 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.06 | | | 0.17 |
| | | | 計 | 4.49 | | | 2.15 | | | 2.34 |
| | 又X1-又 | 外壁 | 1.79×0.70 | 1.25 | 梁 | 又X1 | 0.63 | 梁 | 又 | 0.63 |
| | Y1 | 床(2階床 | 0.25×1.40 | 0.35 | | 又Y0-又Y1 | 0.17 | | 又Y0-又Y1 | 0.17 |
| | | 床積載 | 0.25×1.80 | 0.44 | | | 0.22 | | | 0.22 |
| | | | 計 | 2.04 | | | 1.02 | | | 1.02 |
| | 又X1-又 | 内壁 | 0.80×0.54 | 0.43 | 柱 | 又X1 | 0.22 | 柱 | 又 | 0.22 |
| | Y3 | | 計 | 0.43 | | Y3 | 0.22 | | Y3 | 0.22 |
| | 又X1-又 | 内壁 | 0.80×0.54 | 0.43 | 柱 | 又X1 | 0.22 | 柱 | 又 | 0.22 |
| | Y3 | 内壁 | 1.52×0.54 | 0.82 | | Y3 | 0.41 | | Y3 | 0.41 |
| | | 床(2階床 | 0.41×1.40 | 0.58 | | | 0.29 | | | 0.29 |
| | | 床積載 | 0.41×1.80 | 0.75 | | | 0.37 | | | 0.37 |
| | | 床(2階床 | 0.41×1.40 | 0.58 | | | 0.29 | | | 0.29 |
| | | 床積載 | 0.41×1.80 | 0.75 | | | 0.37 | | | 0.37 |
| | | | 計 | 3.90 | | | 1.95 | | | 1.95 |
| | 又X1-又 | 内壁 | 2.47×0.54 | 1.34 | 柱 | 又X1 | 0.67 | 柱 | 又 | 0.67 |
| | 又 | | 計 | 1.34 | | 又 | 0.67 | | 又 | 0.67 |
| | 又X1-又X2 | 軒先1 | 1.14×0.46 | 0.52 | 柱 | 又X1 | 0.26 | 柱 | 又X2 | 0.26 |
| | Y0 | 屋根1 | 2.50×0.53 | 1.33 | | Y0 | 0.66 | | Y0 | 0.66 |
| | | 外壁 | 4.21×0.70 | 2.95 | | | 1.47 | | | 1.47 |
| | | | 計 | 4.80 | | | 2.40 | | | 2.40 |
| | 又X1 | 床(2階床 | 0.27×1.40 | 0.38 | 梁 | X1-又 | 0.19 | 梁 | X0-X3 | 0.19 |
| | Y4-又 | 床(2階床 | 0.34×1.40 | 0.47 | | Y4 | 0.24 | | 又 | 0.24 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.31 | | | 0.31 |
| | | | 計 | 1.95 | | | 0.97 | | | 0.97 |
| | 又X1-X3 | 屋根1 | 1.66×0.53 | 0.88 | 柱 | 又X1 | 0.29 | 柱 | X3 | 0.59 |
| | Y9 | 屋根1 | 0.81×0.53 | 0.43 | | Y9 | 0.14 | | Y9 | 0.29 |
| | | 外壁 | 1.99×0.70 | 1.39 | | | 0.69 | | | 0.69 |
| | | 外壁 | 5.02×0.70 | 3.51 | | | 1.76 | | | 1.76 |
| | | | 計 | 6.21 | | | 2.88 | | | 3.33 |
| | 又-X3 | 柱又Y3 | ×1.000 | 3.32 | 柱 | 又 | 2.53 | 柱 | X3 | 0.79 |
| | Y3 | 床(2階床 | 0.21×1.40 | 0.29 | | Y3 | 0.22 | | Y3 | 0.07 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 内壁 | 4.19×0.54 | 2.26 | | | 1.13 | | | 1.13 |
| | | 内壁 | 0.95×0.54 | 0.51 | | | 0.45 | | | 0.06 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.63 | | | 1.02 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.19 | | | 0.03 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.33 | | | 0.54 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又-Ｘ３ | 床積載 | 0.16×1.80 | 0.28 | 柱 | 又 | 0.25 | 柱 | Ｘ３ | 0.03 |
| | Ｙ３ | 床積載 | 0.62×1.80 | 1.12 | | Ｙ３ | 0.43 | | Ｙ３ | 0.69 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.33 | | | 0.54 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.19 | | | 0.03 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.43 | | | 0.69 |
| | | 床積載 | 0.16×1.80 | 0.28 | | | 0.25 | | | 0.03 |
| | | | 計 | 14.04 | | | 8.14 | | | 5.90 |
| | 又 | 柱又Ｙ１ | ×1.000 | 7.42 | 梁 | Ｘ０-Ｘ４ | 3.91 | 梁 | Ｘ０-Ｘ４ | 3.50 |
| | 又Ｙ０-又Ｙ１ | 外壁 | 2.34×0.70 | 1.64 | | 又Ｙ０ | 0.86 | | 又Ｙ１ | 0.77 |
| | | 床(2階床 | 0.43×1.40 | 0.60 | | | 0.32 | | | 0.28 |
| | | 床積載 | 0.43×1.80 | 0.77 | | | 0.41 | | | 0.36 |
| | | 外壁 | 0.90×0.70 | 0.63 | | | 0.33 | | | 0.30 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.09 | | | 0.08 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.12 | | | 0.10 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.06 | | | 0.17 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.06 | | | 0.17 |
| | | | 計 | 12.27 | | | 6.25 | | | 6.02 |
| | 又-又Ｘ３ | 外壁 | 4.68×0.70 | 3.28 | 梁 | 又 | 1.64 | 梁 | 又Ｘ３ | 1.64 |
| | Ｙ１ | 床(2階床 | 0.85×1.40 | 1.19 | | 又Ｙ０-又Ｙ１ | 0.60 | | 又Ｙ０-又Ｙ１ | 0.60 |
| | | 床積載 | 0.85×1.80 | 1.54 | | | 0.77 | | | 0.77 |
| | | | 計 | 6.01 | | | 3.00 | | | 3.00 |
| | 又-Ｘ３ | 内壁 | 1.70×0.54 | 0.92 | 柱 | 又 | 0.46 | 柱 | Ｘ３ | 0.46 |
| | Ｙ４ | | 計 | 0.92 | | Ｙ４ | 0.46 | | Ｙ４ | 0.46 |
| | 又-Ｘ３ | 柱Ｘ２Ｙ４ | ×1.000 | 4.59 | 柱 | 又 | 2.16 | 柱 | Ｘ３ | 2.43 |
| | Ｙ４ | 床(2階床 | 0.05×1.40 | 0.07 | | Ｙ４ | 0.07 | | Ｙ４ | 0.00 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.01 |
| | | 内壁 | 0.43×0.54 | 0.23 | | | 0.11 | | | 0.12 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.24 | | | 0.27 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.31 | | | 0.35 |
| | | 柱Ｘ２又Ｙ４ | ×0.375 | 0.94 | | | 0.44 | | | 0.50 |
| | | 床(2階床 | 0.34×1.40 | 0.47 | | | 0.45 | | | 0.03 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.57 | | | 0.04 |
| | | 内壁 | 1.70×0.54 | 0.92 | | | 0.46 | | | 0.46 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.07 | | | 0.21 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.24 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.20 | | | 0.09 |
| | | 床積載 | 1.80 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床積載 | 1.80 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.08 | | | 0.28 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.31 | | | 0.35 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.26 | | | 0.11 |
| | | | 計 | 11.60 | | | 6.09 | | | 5.50 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ０-Ｘ４ | 0.14 | 梁 | 又-Ｘ３ | 0.14 |
| | -Ｙ３ | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | Ｙ３ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又-Ｘ３ | 0.14 | 梁 | Ｘ０-Ｘ３ | 0.14 |
| | Ｙ３- | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ３ | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ０-Ｘ３ | 0.14 | 梁 | Ｘ０-Ｘ３ | 0.14 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又 | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | X0-X3 | 0.04 | 梁 | 又-X3 | 0.04 |
| | -Y4 | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | Y4 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.33 | | | 0.17 | | | 0.17 |
| | 又 | 床(2階床 | 0.34×1.40 | 0.47 | 梁 | 又-X3 | 0.24 | 梁 | X0-X3 | 0.24 |
| | Y4-又 | 床(2階床 | 0.34×1.40 | 0.47 | | Y4 | 0.24 | | 又 | 0.24 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.31 | | | 0.31 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.31 | | | 0.31 |
| | | | 計 | 2.17 | | | 1.08 | | | 1.08 |
| | 又-X2 | 内壁 | 1.52×0.54 | 0.82 | 柱 | 又 | 0.41 | 柱 | X2 | 0.41 |
| | 又 | | 計 | 0.82 | | 又 | 0.41 | | 又 | 0.41 |
| | 又-X3 | 内壁 | 1.59×0.54 | 0.86 | 柱 | 又 | 0.43 | 柱 | X3 | 0.43 |
| | Y7 | 床(2階床 | 0.72×1.40 | 1.01 | | Y7 | 0.51 | | Y7 | 0.51 |
| | | 床(2階床 | 0.72×1.40 | 1.01 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 5.50 | | | 2.75 | | | 2.75 |
| | 又-X3 | 内壁 | 1.59×0.54 | 0.86 | 柱 | 又 | 0.43 | 柱 | X3 | 0.43 |
| | Y7 | | 計 | 0.86 | | Y7 | 0.43 | | Y7 | 0.43 |
| | 又 | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | X0-X4 | 0.04 | 梁 | X0-X4 | 0.04 |
| | 又Y1-又 | 床(2階床 | 0.05×1.40 | 0.07 | | 又Y1 | 0.04 | | 又 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.33 | | | 0.17 | | | 0.17 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0-X4 | 0.14 | 梁 | X0-X4 | 0.14 |
| | 又-又 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | 又 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0-X4 | 0.14 | 梁 | X0-X4 | 0.14 |
| | 又-又 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | 又 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0-X4 | 0.14 | 梁 | X0-X4 | 0.14 |
| | 又-又 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | 又 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0-X4 | 0.14 | 梁 | X0-X4 | 0.14 |
| | 又-Y2 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0-X4 | 0.14 | 梁 | X0-X4 | 0.14 |
| | Y2- | 床(2階床 | 0.21×1.40 | 0.29 | | Y2 | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X0-X4 | 0.14 | 梁 | X0-X4 | 0.14 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | X2 | 内壁 | 0.76×0.54 | 0.41 | 梁 | 又-X3 | 0.15 | 梁 | X0-X3 | 0.26 |
| | Y4-又 | 柱X2又Y4 | ×1.000 | 2.51 | | Y4 | 0.94 | | 又 | 1.57 |
| | | 内壁 | 0.75×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.08×1.40 | 0.11 | | | 0.03 | | | 0.08 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床積載 | 0.08×1.80 | 0.14 | | | 0.04 | | | 0.10 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ２ | 床積載 | 0.05×1.80 | 0.09 | 梁 | 又-Ｘ３ | 0.02 | 梁 | Ｘ０-Ｘ３ | 0.07 |
| | Ｙ４-又 | 床(2階床 | 0.14×1.40 | 0.20 | | Ｙ４ | 0.14 | | 又 | 0.06 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.03 | | | 0.12 |
| | | 床(2階床 | 0.24×1.40 | 0.33 | | | 0.23 | | | 0.10 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.17 | | | 0.08 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.10 | | | 0.08 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.03 | | | 0.15 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.29 | | | 0.13 |
| | | | 計 | 5.59 | | | 2.33 | | | 3.26 |
| | Ｘ２ | 内壁 | 1.04×0.54 | 0.56 | 柱 | Ｘ２ | 0.28 | 梁 | Ｘ１-Ｘ３ | 0.28 |
| | 又- | 床(2階床 | 0.10×1.40 | 0.13 | | 又 | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.09 | | | 0.09 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.09 | | | 0.09 |
| | | | 計 | 1.17 | | | 0.59 | | | 0.59 |
| | Ｘ２ | 内壁 | 1.52×0.54 | 0.82 | 梁 | Ｘ１-Ｘ３ | 0.41 | 梁 | Ｘ１-Ｘ３ | 0.41 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.15 | | | 1.07 | | | 1.07 |
| | Ｘ２ | 内壁 | 1.52×0.54 | 0.82 | 梁 | Ｘ１-Ｘ３ | 0.41 | 梁 | Ｘ１-Ｘ３ | 0.41 |
| | -Ｙ５ | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | Ｙ５ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.15 | | | 1.07 | | | 1.07 |
| | 又Ｘ２-又 | 軒先1 | 1.13×0.46 | 0.52 | 柱 | 又Ｘ２ | 0.26 | 柱 | 又 | 0.26 |
| | Ｙ０ | 屋根1 | 2.49×0.53 | 1.32 | | Ｙ０ | 0.66 | | Ｙ０ | 0.66 |
| | | 外壁 | 4.19×0.70 | 2.93 | | | 1.46 | | | 1.46 |
| | | | 計 | 4.77 | | | 2.38 | | | 2.38 |
| | Ｘ３ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ０-Ｘ４ | 0.14 | 柱 | Ｘ３ | 0.14 |
| | -Ｙ３ | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | Ｙ３ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | Ｘ３ | 床(2階床 | 1.71×1.46 | 2.50 | 柱 | Ｘ３ | 1.05 | 柱 | Ｘ３ | 1.45 |
| | Ｙ３-又 | 床積載 | 1.71×1.80 | 3.08 | | Ｙ３ | 1.29 | | 又 | 1.78 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 0.74 | | | 1.02 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 0.95 | | | 1.31 |
| | | 内壁 | 2.75×0.54 | 1.49 | | | 0.74 | | | 0.74 |
| | | 内壁 | 2.62×0.54 | 1.42 | | | 0.71 | | | 0.71 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.21 | | | 0.08 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.05 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.26 | | | 0.11 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.07 | | | 0.25 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.21 | | | 0.08 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.05 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.26 | | | 0.11 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.07 | | | 0.25 |
| | | | 計 | 14.93 | | | 6.65 | | | 8.27 |
| | Ｘ３-Ｘ４ | 内壁 | 2.99×0.54 | 1.61 | 柱 | Ｘ３ | 0.81 | 柱 | Ｘ４ | 0.81 |
| | Ｙ３ | 内壁 | 2.85×0.54 | 1.54 | | Ｙ３ | 0.77 | | Ｙ３ | 0.77 |
| | | 床(2階床 | 0.57×1.40 | 0.80 | | | 0.40 | | | 0.40 |
| | | 床積載 | 0.57×1.80 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床(2階床 | 0.67×1.40 | 0.94 | | | 0.47 | | | 0.47 |
| | | 床積載 | 0.67×1.80 | 1.21 | | | 0.61 | | | 0.61 |
| | | | 計 | 7.12 | | | 3.56 | | | 3.56 |
| | Ｘ３-Ｘ５ | 床(2階床 | 1.25×1.40 | 1.75 | 梁 | Ｘ３ | 0.88 | 梁 | Ｘ５ | 0.88 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | Ｙ３-又 | 0.88 | | Ｙ３-Ｙ４ | 0.88 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X3-X5 | 床積載 | 1.25×1.80 | 2.25 | 梁 | X3 | 1.13 | 梁 | X5 | 1.13 |
| | | 床積載 | 1.25×1.80 | 2.25 | | Y3-又 | 1.13 | | Y3-Y4 | 1.13 |
| | | | 計 | 8.01 | | | 4.00 | | | 4.00 |
| | X3 | 床(2階床 | 1.31×1.46 | 1.91 | 柱 | X3 | 1.23 | 柱 | X3 | 0.68 |
| | 又-Y4 | 床積載 | 1.31×1.80 | 2.35 | | 又 | 1.52 | | Y4 | 0.83 |
| | | 床(2階床 | 0.96×1.40 | 1.35 | | | 0.87 | | | 0.48 |
| | | 床積載 | 0.96×1.80 | 1.74 | | | 1.12 | | | 0.62 |
| | | 内壁 | 1.24×0.54 | 0.67 | | | 0.33 | | | 0.33 |
| | | 内壁 | 1.18×0.54 | 0.64 | | | 0.32 | | | 0.32 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.04 | | | 0.01 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.06 |
| | | 床積載 | 0.03×1.80 | 0.06 | | | 0.05 | | | 0.01 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.04 | | | 0.01 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.06 |
| | | 床積載 | 0.03×1.80 | 0.06 | | | 0.05 | | | 0.01 |
| | | | 計 | 9.18 | | | 5.67 | | | 3.52 |
| | X3-X5 | 床(2階床 | 0.68×1.40 | 0.95 | 梁 | X3 | 0.47 | 梁 | X5 | 0.47 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | 又-Y4 | 0.88 | | Y3-Y4 | 0.88 |
| | | 床積載 | 0.68×1.80 | 1.22 | | | 0.61 | | | 0.61 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.13 | | | 1.13 |
| | | | 計 | 6.17 | | | 3.09 | | | 3.09 |
| | X3 | 内壁 | 0.76×0.54 | 0.41 | 柱 | X3 | 0.15 | 柱 | X3 | 0.26 |
| | Y4-又 | 内壁 | 1.85×0.54 | 1.00 | | Y4 | 0.37 | | 又 | 0.62 |
| | | 柱X3又Y4 | ×1.000 | 4.15 | | | 1.56 | | | 2.60 |
| | | 内壁 | 1.05×0.54 | 0.57 | | | 0.28 | | | 0.28 |
| | | 内壁 | 0.75×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 内壁 | 1.25×0.54 | 0.68 | | | 0.47 | | | 0.21 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床(2階床 | 0.08×1.40 | 0.11 | | | 0.03 | | | 0.08 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | 床積載 | 0.08×1.80 | 0.14 | | | 0.04 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.10 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.14 | | | 0.06 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.10 | | | 0.08 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.17 | | | 0.08 |
| | | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.14 | | | 0.06 |
| | | 床(2階床 | 0.14×1.40 | 0.19 | | | 0.10 | | | 0.09 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.17 | | | 0.08 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.13 | | | 0.12 |
| | | | 計 | 9.76 | | | 4.15 | | | 5.61 |
| | X3 | 内壁 | 1.05×0.54 | 0.57 | 柱 | X3 | 0.28 | 柱 | X3 | 0.28 |
| | Y4-又 | | 計 | 0.57 | | Y4 | 0.28 | | 又 | 0.28 |
| | X3-X5 | 内壁 | 1.45×0.54 | 0.78 | 柱 | X3 | 0.26 | 柱 | X5 | 0.52 |
| | Y4 | 床(2階床 | 0.67×1.40 | 0.94 | | Y4 | 0.31 | | Y4 | 0.63 |
| | | 床積載 | 0.67×1.80 | 1.21 | | | 0.40 | | | 0.81 |
| | | 柱又X4又 | ×0.423 | 0.51 | | | 0.17 | | | 0.35 |
| | | 柱又X4Y4 | ×1.000 | 2.07 | | | 0.68 | | | 1.39 |
| | | 内壁 | 2.33×0.54 | 1.26 | | | 0.83 | | | 0.43 |
| | | 床(2階床 | 0.72×1.40 | 1.00 | | | 0.66 | | | 0.35 |
| | | 床積載 | 0.72×1.80 | 1.29 | | | 0.84 | | | 0.44 |
| | | 柱Y4 | ×1.000 | 6.74 | | | 4.42 | | | 2.32 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.06 | | | 0.32 |
| | | 床(2階床 | 0.45×1.40 | 0.63 | | | 0.21 | | | 0.43 |
| | | 床(2階床 | 0.23×1.40 | 0.32 | | | 0.26 | | | 0.05 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ３-Ｘ５ | 床(2階床 | 0.27×1.40 | 0.38 | 柱 | Ｘ３ | 0.32 | 柱 | Ｘ５ | 0.07 |
| | Ｙ４ | 床積載 | 0.27×1.80 | 0.49 | | Ｙ４ | 0.24 | | Ｙ４ | 0.25 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |
| | | 床積載 | 0.45×1.80 | 0.81 | | | 0.27 | | | 0.55 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.41 | | | 0.08 |
| | | | 計 | 20.59 | | | 10.92 | | | 9.67 |
| | Ｘ３ | 柱Ｘ３又 | ×1.000 | 9.50 | 柱 | Ｘ３ | 4.10 | 柱 | Ｘ３ | 5.39 |
| | 又-又 | 柱Ｘ３ | ×1.000 | 7.39 | | 又 | 5.70 | | 又 | 1.69 |
| | | 柱Ｘ３Ｙ６ | ×1.000 | 11.48 | | | 2.62 | | | 8.86 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.12 | | | 0.16 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.16 | | | 0.20 |
| | | 内壁 | 0.93×0.54 | 0.50 | | | 0.46 | | | 0.05 |
| | | 床(2階床 | 1.12×1.40 | 1.57 | | | 1.43 | | | 0.15 |
| | | 床積載 | 1.12×1.80 | 2.02 | | | 1.83 | | | 0.19 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 0.17 | | | 1.66 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 0.22 | | | 2.14 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 0.67 | | | 1.16 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 0.86 | | | 1.50 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 0.42 | | | 1.41 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 0.54 | | | 1.82 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 0.92 | | | 0.92 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.18 | | | 1.18 |
| | | 内壁 | 2.02×0.54 | 1.09 | | | 0.69 | | | 0.40 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 1.16 | | | 0.67 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.50 | | | 0.86 |
| | | 柱又Ｘ１Ｙ５ | ×0.009 | 0.03 | | | 0.02 | | | 0.01 |
| | | 柱又Ｙ５ | ×0.453 | 1.93 | | | 1.23 | | | 0.70 |
| | | 柱Ｘ２Ｙ５ | ×0.727 | 1.88 | | | 1.19 | | | 0.68 |
| | | 内壁 | 2.42×0.54 | 1.31 | | | 1.01 | | | 0.30 |
| | | 床(2階床 | 1.31×1.40 | 1.83 | | | 1.41 | | | 0.42 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.82 | | | 0.54 |
| | | 柱Ｘ２ | ×0.727 | 5.49 | | | 4.23 | | | 1.25 |
| | | 内壁 | 3.17×0.54 | 1.71 | | | 1.56 | | | 0.16 |
| | | 床(2階床 | 1.70×1.40 | 2.38 | | | 2.16 | | | 0.22 |
| | | 床積載 | 1.70×1.80 | 3.07 | | | 2.78 | | | 0.28 |
| | | 柱 | ×0.655 | 3.97 | | | 3.60 | | | 0.37 |
| | | 柱又Ｘ４又 | ×0.189 | 0.23 | | | 0.21 | | | 0.02 |
| | | 柱又Ｘ４又 | ×0.164 | 0.37 | | | 0.34 | | | 0.03 |
| | | 内壁 | 2.52×0.54 | 1.36 | | | 1.05 | | | 0.31 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 1.35 | | | 0.40 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.74 | | | 0.51 |
| | | 柱 | ×0.655 | 2.04 | | | 1.57 | | | 0.47 |
| | | 柱又Ｘ４又 | ×0.164 | 0.37 | | | 0.29 | | | 0.09 |
| | | 内壁 | 1.00×0.54 | 0.54 | | | 0.34 | | | 0.20 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 1.11 | | | 0.64 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.43 | | | 0.82 |
| | | 柱又Ｘ４Ｙ５ | ×0.328 | 0.64 | | | 0.41 | | | 0.23 |
| | | 柱Ｙ５ | ×0.655 | 3.86 | | | 2.46 | | | 1.41 |
| | | 内壁 | 2.15×0.54 | 1.16 | | | 0.58 | | | 0.58 |
| | | 床(2階床 | 1.20×1.40 | 1.68 | | | 0.84 | | | 0.84 |
| | | 床積載 | 1.20×1.80 | 2.17 | | | 1.08 | | | 1.08 |
| | | 柱 | ×0.655 | 2.61 | | | 1.31 | | | 1.31 |
| | | 柱又 | ×0.328 | 0.35 | | | 0.18 | | | 0.18 |
| | | 内壁 | 1.49×0.54 | 0.81 | | | 0.29 | | | 0.51 |
| | | 床(2階床 | 1.19×1.40 | 1.66 | | | 0.61 | | | 1.06 |
| | | 床積載 | 1.19×1.80 | 2.14 | | | 0.78 | | | 1.36 |
| | | 柱又 | ×0.328 | 0.35 | | | 0.13 | | | 0.23 |
| | | 内壁 | 3.67×0.54 | 1.98 | | | 0.45 | | | 1.53 |
| | | 床(2階床 | 1.24×1.40 | 1.73 | | | 0.39 | | | 1.33 |
| | | 床積載 | 1.24×1.80 | 2.22 | | | 0.51 | | | 1.72 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X３ | 柱Y６ | ×0.655 | 5.72 | 柱 | X３ | 1.31 | 柱 | X３ | 4.42 |
| | 又-又 | 床(2階床 | 1.25×1.40 | 1.75 | | 又 | 0.16 | | 又 | 1.59 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 0.21 | | | 2.04 |
| | | 内壁 | 11.74×0.54 | 6.34 | | | 3.17 | | | 3.17 |
| | | 内壁 | 2.56×0.54 | 1.38 | | | 0.16 | | | 1.22 |
| | | 内壁 | 2.56×0.54 | 1.38 | | | 1.22 | | | 0.16 |
| | | 床(2階床 | 0.17×1.55 | 0.26 | | | 0.01 | | | 0.24 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.18 | | | 0.14 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.14 | | | 0.18 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.10 | | | 0.23 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.05 | | | 0.27 |
| | | 床(2階床 | 0.05×1.55 | 0.08 | | | 0.03 | | | 0.05 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.10 | | | 0.23 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.18 | | | 0.14 |
| | | 床(2階床 | 0.05×1.55 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.23 | | | 0.10 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.23 | | | 0.10 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.01 | | | 0.28 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.21 | | | 0.16 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.16 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.26 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.06 | | | 0.31 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.04 | | | 0.06 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.26 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.21 | | | 0.16 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.04 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.26 | | | 0.11 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.26 | | | 0.11 |
| | | 床(2階床 | 0.17×1.55 | 0.26 | | | 0.01 | | | 0.24 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.05 | | | 0.27 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.01 | | | 0.28 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.06 | | | 0.31 |
| | | 床(2階床 | 0.10×1.55 | 0.15 | | | 0.14 | | | 0.01 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.27 | | | 0.05 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.16 | | | 0.01 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.31 | | | 0.06 |
| | | 床(2階床 | 0.10×1.55 | 0.15 | | | 0.14 | | | 0.01 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.27 | | | 0.05 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.16 | | | 0.01 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.31 | | | 0.06 |
| | | | 計 | 145.92 | | | 76.10 | | | 69.81 |
| | X３- | 床(2階床 | 0.20×1.40 | 0.28 | 柱 | X３ | 0.14 | 梁 | | 0.14 |
| | 又 | 床(2階床 | 0.25×1.40 | 0.34 | | 又 | 0.17 | | Y４- | 0.17 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | 床積載 | 0.25×1.80 | 0.44 | | | 0.22 | | | 0.22 |
| | | | 計 | 1.42 | | | 0.71 | | | 0.71 |
| | X３-X５ | 柱 | ×1.000 | 6.06 | 梁 | X３ | 3.97 | 梁 | X５ | 2.09 |
| | | 内壁 | 2.06×0.54 | 1.11 | | 又-又 | 0.36 | | Y４- | 0.75 |
| | | 床(2階床 | 0.70×1.40 | 0.98 | | | 0.32 | | | 0.66 |
| | | 床積載 | 0.70×1.80 | 1.25 | | | 0.41 | | | 0.84 |
| | | 柱又X４又 | ×0.577 | 0.70 | | | 0.23 | | | 0.47 |
| | | 柱又X４Y４ | ×0.000 | 0.00 | | | 0.00 | | | 0.00 |
| | | 内壁 | 3.05×0.54 | 1.65 | | | 1.08 | | | 0.57 |
| | | 床(2階床 | 0.71×1.40 | 1.00 | | | 0.66 | | | 0.34 |
| | | 床積載 | 0.71×1.80 | 1.29 | | | 0.84 | | | 0.44 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 柱又X４又 | ×0.500 | 1.14 | | | 0.37 | | | 0.77 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X3-X5 | 床(2階床 | 0.27×1.40 | 0.38 | 梁 | X3 | 0.19 | 梁 | X5 | 0.19 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | 又-又 | 0.06 | | Y4- | 0.32 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.06 | | | 0.32 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.25 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.25 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |
| | | 床(2階床 | 0.25×1.40 | 0.34 | | | 0.29 | | | 0.06 |
| | | 床(2階床 | 0.30×1.40 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床積載 | 0.25×1.80 | 0.44 | | | 0.37 | | | 0.08 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.44 | | | 0.09 |
| | | | 計 | 22.11 | | | 11.74 | | | 10.38 |
| | X3-X5 | 柱 | ×1.000 | 3.11 | 梁 | X3 | 2.04 | 梁 | X5 | 1.07 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | 又-又 | 0.09 | | Y4- | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 柱又X4又 | ×0.500 | 1.14 | | | 0.37 | | | 0.77 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |
| | | 内壁 | 1.85×0.54 | 1.00 | | | 0.82 | | | 0.17 |
| | | 床(2階床 | 0.30×1.40 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.44 | | | 0.09 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.06 | | | 0.32 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.06 | | | 0.32 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.25 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.25 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |
| | | 床(2階床 | 0.30×1.40 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.44 | | | 0.09 |
| | | | 計 | 14.08 | | | 7.78 | | | 6.30 |
| | X3-X5 | 柱又X4Y5 | ×1.000 | 1.96 | 梁 | X3 | 0.64 | 梁 | X5 | 1.32 |
| | Y5 | 柱Y5 | ×1.000 | 5.89 | | 又-又 | 3.86 | | Y4- | 2.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |
| | | 床(2階床 | 0.30×1.40 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床(2階床 | 0.30×1.40 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.44 | | | 0.09 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.44 | | | 0.09 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.75×1.40 | 1.05 | | | 0.34 | | | 0.70 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.06 | | | 0.32 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.25 |
| | | 床積載 | 0.75×1.80 | 1.35 | | | 0.44 | | | 0.91 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |
| | | | 計 | 16.68 | | | 9.04 | | | 7.63 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X3-X5 | 柱 | ×1.000 | 3.98 | 梁 | X3 | 2.61 | 梁 | X5 | 1.37 |
| | | 内壁 | 0.76×0.54 | 0.41 | | 又-又 | 0.27 | | Y4- | 0.14 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.23 | | | 0.12 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.30 | | | 0.16 |
| | | 柱又 | ×0.500 | 0.54 | | | 0.35 | | | 0.19 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |
| | | 内壁 | 3.51×0.54 | 1.89 | | | 0.62 | | | 1.27 |
| | | 床(2階床 | 0.30×1.40 | 0.41 | | | 0.34 | | | 0.07 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.23 | | | 0.05 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.44 | | | 0.09 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.30 | | | 0.06 |
| | | 床(2階床 | 0.75×1.40 | 1.05 | | | 0.34 | | | 0.70 |
| | | 床積載 | 0.75×1.80 | 1.35 | | | 0.44 | | | 0.91 |
| | | 床(2階床 | 0.75×1.40 | 1.05 | | | 0.34 | | | 0.70 |
| | | 床積載 | 0.75×1.80 | 1.35 | | | 0.44 | | | 0.91 |
| | | | 計 | 15.09 | | | 7.97 | | | 7.12 |
| | X3- | 床(2階床 | 0.20×1.40 | 0.28 | 梁 | X3 | 0.14 | 梁 | | 0.14 |
| | 又 | 床(2階床 | 0.20×1.40 | 0.28 | | 又-又 | 0.14 | | - | 0.14 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 1.28 | | | 0.64 | | | 0.64 |
| | X3-X5 | 内壁 | 1.52×0.54 | 0.82 | 梁 | X3 | 0.54 | 梁 | X5 | 0.28 |
| | | 内壁 | 0.76×0.54 | 0.41 | | 又-又 | 0.27 | | Y4- | 0.14 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.23 | | | 0.12 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.30 | | | 0.16 |
| | | 柱又 | ×0.500 | 0.54 | | | 0.35 | | | 0.19 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.23 | | | 0.05 |
| | | 床(2階床 | 0.40×1.40 | 0.56 | | | 0.46 | | | 0.10 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.30 | | | 0.06 |
| | | 床積載 | 0.40×1.80 | 0.72 | | | 0.59 | | | 0.12 |
| | | 床(2階床 | 0.85×1.40 | 1.19 | | | 0.39 | | | 0.80 |
| | | 床(2階床 | 0.75×1.40 | 1.05 | | | 0.34 | | | 0.70 |
| | | 床積載 | 0.85×1.80 | 1.53 | | | 0.50 | | | 1.03 |
| | | 床積載 | 0.75×1.80 | 1.35 | | | 0.44 | | | 0.91 |
| | | | 計 | 9.63 | | | 4.96 | | | 4.67 |
| | X3-X5 | 内壁 | 1.52×0.54 | 0.82 | 梁 | X3 | 0.54 | 梁 | X5 | 0.28 |
| | Y6 | 柱Y6 | ×1.000 | 8.74 | | 又-又 | 5.72 | | Y4- | 3.01 |
| | | 内壁 | 1.85×0.54 | 1.00 | | | 0.82 | | | 0.17 |
| | | 内壁 | 3.51×0.54 | 1.89 | | | 0.62 | | | 1.27 |
| | | 床(2階床 | 0.40×1.40 | 0.56 | | | 0.46 | | | 0.10 |
| | | 床積載 | 0.40×1.80 | 0.72 | | | 0.59 | | | 0.12 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 0.88 | | | 0.88 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.13 | | | 1.13 |
| | | 床(2階床 | 0.85×1.40 | 1.19 | | | 0.39 | | | 0.80 |
| | | 床積載 | 0.85×1.80 | 1.53 | | | 0.50 | | | 1.03 |
| | | | 計 | 20.46 | | | 11.66 | | | 8.80 |
| | X3-X5 | 床(2階床 | 1.25×1.40 | 1.75 | 梁 | X3 | 0.88 | 梁 | X5 | 0.88 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | 又-又 | 0.88 | | Y4- | 0.88 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.13 | | | 1.13 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.13 | | | 1.13 |
| | | | 計 | 8.01 | | | 4.00 | | | 4.00 |
| | X3 | 内壁 | 0.51×0.54 | 0.27 | 柱 | X3 | 0.14 | 柱 | X3 | 0.14 |
| | 又-Y7 | 内壁 | 0.48×0.54 | 0.26 | | 又 | 0.13 | | Y7 | 0.13 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | | 計 | 0.81 | | | 0.40 | | | 0.40 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ３ | 柱Ｘ３又 | ×1.000 | 1.03 | 柱 | Ｘ３ | 0.49 | 柱 | Ｘ３ | 0.54 |
| | Ｙ７-Ｙ８ | 床(2階床 | 1.31×1.47 | 1.92 | | Ｙ７ | 0.77 | | Ｙ８ | 1.15 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 0.94 | | | 1.41 |
| | | 床(2階床 | 0.96×1.40 | 1.35 | | | 0.54 | | | 0.81 |
| | | 床積載 | 0.96×1.80 | 1.74 | | | 0.69 | | | 1.04 |
| | | 床(2階床 | 1.31×1.47 | 1.92 | | | 1.15 | | | 0.77 |
| | | 床積載 | 1.31×1.80 | 2.35 | | | 1.41 | | | 0.94 |
| | | 床(2階床 | 0.96×1.40 | 1.35 | | | 0.81 | | | 0.54 |
| | | 床積載 | 0.96×1.80 | 1.74 | | | 1.04 | | | 0.69 |
| | | 内壁 | 3.99×0.54 | 2.15 | | | 1.08 | | | 1.08 |
| | | 内壁 | 1.99×0.54 | 1.07 | | | 0.79 | | | 0.28 |
| | | 内壁 | 1.81×0.54 | 0.98 | | | 0.23 | | | 0.75 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.23 | | | 0.06 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.06 | | | 0.23 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.30 | | | 0.07 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.07 | | | 0.30 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.06 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.23 | | | 0.06 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.07 | | | 0.30 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.30 | | | 0.07 |
| | | | 計 | 22.93 | | | 11.44 | | | 11.49 |
| | Ｘ３-又Ｘ４ | 内壁 | 3.22×0.54 | 1.74 | 柱 | Ｘ３ | 0.87 | 柱 | 又Ｘ４ | 0.87 |
| | Ｙ７ | 床(2階床 | 0.73×1.40 | 1.03 | | Ｙ７ | 0.51 | | Ｙ７ | 0.51 |
| | | 床(2階床 | 0.73×1.40 | 1.03 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.73×1.80 | 1.32 | | | 0.66 | | | 0.66 |
| | | 床積載 | 0.73×1.80 | 1.32 | | | 0.66 | | | 0.66 |
| | | | 計 | 6.44 | | | 3.22 | | | 3.22 |
| | Ｘ３-Ｘ５ | 床(2階床 | 0.68×1.40 | 0.95 | 梁 | Ｘ３ | 0.47 | 柱 | Ｘ５ | 0.47 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | Ｙ７-Ｙ８ | 0.88 | | | 0.88 |
| | | 床積載 | 0.68×1.80 | 1.22 | | | 0.61 | | | 0.61 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.13 | | | 1.13 |
| | | | 計 | 6.17 | | | 3.09 | | | 3.09 |
| | Ｘ３-Ｘ５ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ３ | 0.12 | 梁 | Ｘ５ | 0.17 |
| | 又 | 床積載 | 0.21×1.80 | 0.37 | | Ｙ７-Ｙ８ | 0.16 | | -Ｙ８ | 0.21 |
| | | 床(2階床 | 0.68×1.40 | 0.95 | | | 0.47 | | | 0.47 |
| | | 床(2階床 | 0.41×1.40 | 0.58 | | | 0.12 | | | 0.46 |
| | | 床(2階床 | 0.63×1.40 | 0.88 | | | 0.63 | | | 0.25 |
| | | 床積載 | 0.68×1.80 | 1.22 | | | 0.61 | | | 0.61 |
| | | 床積載 | 0.41×1.80 | 0.75 | | | 0.16 | | | 0.59 |
| | | 床積載 | 0.63×1.80 | 1.13 | | | 0.81 | | | 0.33 |
| | | | 計 | 6.17 | | | 3.09 | | | 3.09 |
| | Ｘ３ | 内壁 | 0.80×0.54 | 0.43 | 柱 | Ｘ３ | 0.22 | 柱 | Ｘ３ | 0.22 |
| | Ｙ８-Ｙ９ | | 計 | 0.43 | | Ｙ８ | 0.22 | | Ｙ９ | 0.22 |
| | Ｘ３-又Ｘ４ | 外壁 | 1.87×0.70 | 1.31 | 柱 | Ｘ３ | 0.65 | 柱 | 又Ｘ４ | 0.65 |
| | Ｙ８ | 床(2階床 | 0.63×1.40 | 0.88 | | Ｙ８ | 0.44 | | Ｙ８ | 0.44 |
| | | 床積載 | 0.63×1.80 | 1.13 | | | 0.57 | | | 0.57 |
| | | | 計 | 3.32 | | | 1.66 | | | 1.66 |
| | Ｘ３-又Ｘ３ | 外壁 | 0.37×0.70 | 0.26 | 柱 | Ｘ３ | 0.13 | 柱 | 又Ｘ３ | 0.13 |
| | Ｙ９ | 外壁 | 0.85×0.70 | 0.60 | | Ｙ９ | 0.30 | | Ｙ９ | 0.30 |
| | | | 計 | 0.86 | | | 0.43 | | | 0.43 |
| | Ｘ３-又Ｘ３ | 外壁 | 0.30×0.70 | 0.21 | 柱 | Ｘ３ | 0.11 | 柱 | 又Ｘ３ | 0.11 |
| | Ｙ９ | 外壁 | 0.85×0.70 | 0.60 | | Ｙ９ | 0.30 | | Ｙ９ | 0.30 |
| | | | 計 | 0.81 | | | 0.40 | | | 0.40 |
| | 又Ｘ３ | 柱又Ｘ３Ｙ１ | ×1.000 | 8.84 | 梁 | Ｘ０-Ｘ４ | 4.66 | 梁 | Ｘ０-Ｘ４ | 4.18 |
| | 又Ｙ０-又Ｙ１ | 外壁 | 1.05×0.70 | 0.74 | | 又Ｙ０ | 0.39 | | 又Ｙ１ | 0.35 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.12 | | | 0.10 |
| | | 床積載 | 0.16×1.80 | 0.28 | | | 0.15 | | | 0.13 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又Ｘ３ | 外壁 | 2.34×0.70 | 1.64 | 梁 | Ｘ０-Ｘ４ | 0.86 | 梁 | Ｘ０-Ｘ４ | 0.77 |
| | 又Ｙ０-又Ｙ１ | 床(2階床 | 0.43×1.40 | 0.60 | | 又Ｙ０ | 0.32 | | 又Ｙ１ | 0.28 |
| | | 床積載 | 0.43×1.80 | 0.77 | | | 0.41 | | | 0.36 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.06 | | | 0.17 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.06 | | | 0.17 |
| | | | 計 | 13.91 | | | 7.12 | | | 6.79 |
| | 又Ｘ３-Ｘ４ | 外壁 | 2.11×0.70 | 1.48 | 梁 | 又Ｘ３ | 0.74 | 梁 | Ｘ４ | 0.74 |
| | Ｙ１ | 床(2階床 | 0.31×1.40 | 0.44 | | 又Ｙ０-又Ｙ１ | 0.22 | | Ｙ０-又Ｙ１ | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 2.48 | | | 1.24 | | | 1.24 |
| | 又Ｘ３-又Ｘ４ | 外壁 | 0.37×0.70 | 0.26 | 柱 | 又Ｘ３ | 0.13 | 柱 | 又Ｘ４ | 0.13 |
| | Ｙ９ | 外壁 | 0.85×0.70 | 0.60 | | Ｙ９ | 0.30 | | Ｙ９ | 0.30 |
| | | | 計 | 0.86 | | | 0.43 | | | 0.43 |
| | 又Ｘ３-又Ｘ４ | 外壁 | 0.30×0.70 | 0.21 | 柱 | 又Ｘ３ | 0.11 | 柱 | 又Ｘ４ | 0.11 |
| | Ｙ９ | 外壁 | 0.85×0.70 | 0.60 | | Ｙ９ | 0.30 | | Ｙ９ | 0.30 |
| | | | 計 | 0.81 | | | 0.40 | | | 0.40 |
| | | 内壁 | 0.97×0.54 | 0.52 | 梁 | Ｘ３-Ｘ５ | 0.18 | 梁 | Ｘ３-Ｘ５ | 0.34 |
| | Ｙ４- | 内壁 | 1.85×0.54 | 1.00 | | Ｙ４ | 0.59 | | | 0.41 |
| | | 柱Ｙ４ | ×1.000 | 6.74 | | | 6.74 | | | 0.00 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.11 | | | 0.21 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.14 | | | 0.26 |
| | | 内壁 | 0.79×0.54 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |
| | | 内壁 | 1.04×0.54 | 0.56 | | | 0.10 | | | 0.46 |
| | | 内壁 | 0.75×0.54 | 0.41 | | | 0.19 | | | 0.22 |
| | | 床(2階床 | 0.17×1.40 | 0.23 | | | 0.04 | | | 0.19 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.05 | | | 0.25 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.03 | | | 0.04 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.02 | | | 0.11 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.04 | | | 0.05 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.08 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.03 | | | 0.14 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.22 | | | 0.06 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.02 | | | 0.03 |
| | | 床(2階床 | 0.14×1.40 | 0.19 | | | 0.13 | | | 0.06 |
| | | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.16 | | | 0.04 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.28 | | | 0.07 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.03 | | | 0.04 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.17 | | | 0.08 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.20 | | | 0.05 |
| | | | 計 | 14.23 | | | 10.30 | | | 3.93 |
| | -又Ｘ４ | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | | 0.04 | 梁 | 又Ｘ４ | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | Ｙ４- | 0.05 | | Ｙ４- | 0.05 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.20 | | | 0.20 |
| | | 内壁 | 1.57×0.54 | 0.85 | | | 0.42 | | | 0.42 |
| | | | 計 | 2.58 | | | 1.29 | | | 1.29 |
| | | 内壁 | 1.52×0.54 | 0.82 | 梁 | Ｘ３-Ｘ５ | 0.41 | 梁 | Ｘ３-Ｘ５ | 0.41 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.15 | | | 1.07 | | | 1.07 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | | 内壁 | 1.52×0.54 | 0.82 | 梁 | X3-X5 | 0.41 | 梁 | X3-X5 | 0.41 |
| | -Y5 | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | Y5 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.15 | | | 1.07 | | | 1.07 |
| | | 内壁 | 1.52×0.54 | 0.82 | 梁 | X3-X5 | 0.41 | 梁 | X3-X5 | 0.41 |
| | Y5- | 床(2階床 | 0.21×1.40 | 0.29 | | Y5 | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.15 | | | 1.07 | | | 1.07 |
| | | 柱又 | ×1.000 | 1.08 | 梁 | X3-X5 | 0.54 | 梁 | X3-X5 | 0.54 |
| | - | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.31 | | | 0.10 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.10 | | | 0.31 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 3.53 | | | 1.77 | | | 1.77 |
| | 又-X4 | 軒先1 | 0.09×0.46 | 0.04 | 柱 | 又 | 0.02 | 柱 | X4 | 0.02 |
| | Y0 | 屋根1 | 0.19×0.53 | 0.10 | | Y0 | 0.05 | | Y0 | 0.05 |
| | | 外壁 | 0.32×0.70 | 0.23 | | | 0.11 | | | 0.11 |
| | | | 計 | 0.37 | | | 0.18 | | | 0.18 |
| | X4 | 外壁 | 1.05×0.70 | 0.74 | 柱 | X4 | 0.29 | 柱 | X4 | 0.45 |
| | Y0-又Y1 | 床(2階床 | 0.16×1.40 | 0.22 | | Y0 | 0.09 | | 又Y1 | 0.13 |
| | | 床積載 | 0.16×1.80 | 0.28 | | | 0.11 | | | 0.17 |
| | | 外壁 | 2.12×0.70 | 1.48 | | | 1.11 | | | 0.37 |
| | | 床(2階床 | 0.45×1.40 | 0.62 | | | 0.47 | | | 0.16 |
| | | 床積載 | 0.45×1.80 | 0.80 | | | 0.60 | | | 0.20 |
| | | 柱又X1Y1 | ×0.081 | 0.14 | | | 0.11 | | | 0.04 |
| | | 柱又Y1 | ×0.174 | 1.29 | | | 0.97 | | | 0.32 |
| | | 柱又X3Y1 | ×0.418 | 3.69 | | | 2.77 | | | 0.92 |
| | | 内壁 | 3.19×0.54 | 1.72 | | | 0.86 | | | 0.86 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.01 | | | 0.05 |
| | | 床(2階床 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.04 | | | 0.15 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.02 | | | 0.06 |
| | | 床積載 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.05 | | | 0.19 |
| | | | 計 | 11.56 | | | 7.49 | | | 4.07 |
| | X4- | 外壁 | 0.31×0.70 | 0.22 | 柱 | X4 | 0.18 | 柱 | | 0.04 |
| | Y0 | 内壁 | 0.10×0.54 | 0.06 | | Y0 | 0.05 | | Y0 | 0.01 |
| | | 床(2階床 | 0.07×1.40 | 0.10 | | | 0.09 | | | 0.02 |
| | | 床積載 | 0.07×1.80 | 0.13 | | | 0.11 | | | 0.02 |
| | | 軒先1 | 0.38×0.46 | 0.17 | | | 0.09 | | | 0.09 |
| | | 屋根1 | 0.82×0.53 | 0.44 | | | 0.22 | | | 0.22 |
| | | 外壁 | 1.39×0.70 | 0.97 | | | 0.49 | | | 0.49 |
| | | | 計 | 2.09 | | | 1.21 | | | 0.88 |
| | X4 | 床(2階床 | 1.89×1.47 | 2.77 | 柱 | X4 | 1.85 | 柱 | X4 | 0.92 |
| | 又Y1-又 | 床積載 | 1.89×1.80 | 3.40 | | 又Y1 | 2.27 | | 又 | 1.13 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | | 0.40 | | | 0.40 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.08 | | | 0.02 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ４ | 床積載 | 0.58×1.80 | 1.04 | 柱 | Ｘ４ | 0.52 | 柱 | Ｘ４ | 0.52 |
| | 又Ｙ１-又 | | 計 | 10.13 | | 又Ｙ１ | 6.04 | | 又 | 4.09 |
| | Ｘ４- | 外壁 | 0.47×0.70 | 0.33 | 柱 | Ｘ４ | 0.27 | 柱 | | 0.06 |
| | 又Ｙ１ | 内壁 | 0.16×0.54 | 0.08 | | 又Ｙ１ | 0.07 | | 又Ｙ１ | 0.02 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.23 | | | 0.05 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.29 | | | 0.06 |
| | | 内壁 | 1.31×0.54 | 0.71 | | | 0.35 | | | 0.35 |
| | | 床(2階床 | 0.23×1.40 | 0.32 | | | 0.16 | | | 0.16 |
| | | 床(2階床 | 0.01 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.05 | | | 0.08 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.01 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.07 | | | 0.10 |
| | | | 計 | 2.81 | | | 1.72 | | | 1.09 |
| | Ｘ４ | 床(2階床 | 2.48×1.46 | 3.64 | 柱 | Ｘ４ | 1.27 | 柱 | Ｘ４ | 2.36 |
| | 又-又 | 床積載 | 2.48×1.80 | 4.47 | | 又 | 1.57 | | 又 | 2.91 |
| | | 内壁 | 2.45×0.54 | 1.32 | | | 0.66 | | | 0.66 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.20 | | | 0.09 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.03 | | | 0.14 |
| | | 床(2階床 | 0.73×1.40 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.25 | | | 0.12 |
| | | 床積載 | 0.12×1.80 | 0.21 | | | 0.04 | | | 0.18 |
| | | 床積載 | 0.73×1.80 | 1.32 | | | 0.66 | | | 0.66 |
| | | | 計 | 12.82 | | | 5.18 | | | 7.63 |
| | Ｘ４ | 床(2階床 | 2.48×1.46 | 3.64 | 柱 | Ｘ４ | 2.49 | 柱 | Ｘ４ | 1.15 |
| | 又-Ｙ２ | 床積載 | 2.48×1.80 | 4.47 | | 又 | 3.06 | | Ｙ２ | 1.41 |
| | | 内壁 | 2.33×0.54 | 1.26 | | | 0.63 | | | 0.63 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.10 | | | 0.02 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床(2階床 | 0.56×1.40 | 0.78 | | | 0.39 | | | 0.39 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.13 | | | 0.03 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.13 | | | 0.25 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.50 | | | 0.50 |
| | | | 計 | 12.10 | | | 7.54 | | | 4.56 |
| | Ｘ４ | 床(2階床 | 2.48×1.46 | 3.64 | 柱 | Ｘ４ | 1.63 | 柱 | Ｘ４ | 2.01 |
| | Ｙ２-又 | 床積載 | 2.48×1.80 | 4.47 | | Ｙ２ | 2.01 | | 又 | 2.47 |
| | | 内壁 | 2.89×0.54 | 1.56 | | | 0.78 | | | 0.78 |
| | | 床(2階床 | 0.73×1.40 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.21 | | | 0.08 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.06 | | | 0.21 |
| | | 床積載 | 0.73×1.80 | 1.31 | | | 0.65 | | | 0.65 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.27 | | | 0.10 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.08 | | | 0.27 |
| | | | 計 | 13.27 | | | 6.20 | | | 7.07 |
| | Ｘ４-Ｘ５ | 外壁 | 0.29×0.70 | 0.20 | 柱 | Ｘ４ | 0.06 | 柱 | Ｘ５ | 0.14 |
| | Ｙ２ | 内壁 | 1.75×0.54 | 0.94 | | Ｙ２ | 0.29 | | Ｙ２ | 0.66 |
| | | 床(2階床 | 2.25×1.46 | 3.28 | | | 0.99 | | | 2.28 |
| | | 床積載 | 2.25×1.80 | 4.05 | | | 1.23 | | | 2.82 |
| | | 柱Ｘ５又 | ×0.346 | 0.82 | | | 0.25 | | | 0.57 |
| | | 柱Ｘ５又 | ×0.308 | 0.59 | | | 0.18 | | | 0.41 |
| | | 柱Ｘ５Ｙ１ | ×0.093 | 0.43 | | | 0.13 | | | 0.30 |
| | | 内壁 | 0.38×0.54 | 0.21 | | | 0.06 | | | 0.14 |
| | | 床(2階床 | 0.96×1.40 | 1.35 | | | 0.41 | | | 0.94 |
| | | 床積載 | 0.96×1.80 | 1.73 | | | 0.53 | | | 1.21 |
| | | 柱Ｘ５ | ×0.167 | 0.42 | | | 0.13 | | | 0.29 |
| | | 内壁 | 2.63×0.54 | 1.42 | | | 0.71 | | | 0.71 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.25 | | | 0.13 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.25 | | | 0.13 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.32 | | | 0.17 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X4-X5 | 床積載 | 0.27×1.80 | 0.49 | 柱 | X4 | 0.32 | 柱 | X5 | 0.17 |
| | Y2 | 床積載 | 0.05×1.80 | 0.09 | | Y2 | 0.01 | | Y2 | 0.08 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.01 | | | 0.08 |
| | | | 計 | 17.51 | | | 6.15 | | | 11.36 |
| | X4 | 床(2階床 | 2.48×1.46 | 3.63 | 柱 | X4 | 3.06 | 柱 | X4 | 0.57 |
| | 又-Y3 | 床積載 | 2.48×1.80 | 4.47 | | 又 | 3.77 | | Y3 | 0.70 |
| | | 内壁 | 0.95×0.54 | 0.51 | | | 0.26 | | | 0.26 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.12 | | | 0.17 |
| | | 床(2階床 | 0.43×1.40 | 0.60 | | | 0.30 | | | 0.30 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.02 | | | 0.00 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.16 | | | 0.22 |
| | | 床積載 | 0.43×1.80 | 0.77 | | | 0.39 | | | 0.39 |
| | | 床積載 | 0.01×1.80 | 0.03 | | | 0.02 | | | 0.00 |
| | | | 計 | 10.69 | | | 8.09 | | | 2.60 |
| | X4 | 内壁 | 0.95×0.54 | 0.51 | 柱 | X4 | 0.26 | 柱 | X4 | 0.26 |
| | 又-Y3 | | 計 | 0.51 | | 又 | 0.26 | | Y3 | 0.26 |
| | X4-又X4 | 内壁 | 1.03×0.54 | 0.56 | 柱 | X4 | 0.28 | 柱 | 又X4 | 0.28 |
| | Y3 | 内壁 | 0.99×0.54 | 0.53 | | Y3 | 0.27 | | Y3 | 0.27 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.15 | | | 0.15 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.27×1.80 | 0.48 | | | 0.24 | | | 0.24 |
| | | | 計 | 2.49 | | | 1.25 | | | 1.25 |
| | 又X4 | 外壁 | 0.78×0.70 | 0.55 | 梁 | X4- | 0.22 | 梁 | X4- | 0.33 |
| | Y0-又Y1 | 内壁 | 0.26×0.54 | 0.14 | | Y0 | 0.06 | | 又Y1 | 0.08 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.06 | | | 0.08 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.07 | | | 0.11 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.01 | | | 0.05 |
| | | 床(2階床 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.04 | | | 0.14 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.02 | | | 0.06 |
| | | 床積載 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.05 | | | 0.18 |
| | | | 計 | 1.56 | | | 0.51 | | | 1.05 |
| | 又X4-又 | 内壁 | 0.63×0.54 | 0.34 | 梁 | 又X4 | 0.11 | 梁 | 又 | 0.23 |
| | Y1 | 床(2階床 | 0.11×1.40 | 0.15 | | Y0-又Y1 | 0.05 | | Y0-Y2 | 0.10 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.06 | | | 0.13 |
| | | 内壁 | 0.17×0.54 | 0.09 | | | 0.03 | | | 0.06 |
| | | 外壁 | 1.56×0.70 | 1.09 | | | 0.55 | | | 0.55 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.00 | | | 0.03 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.09 | | | 0.04 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.01 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.11 | | | 0.06 |
| | | | 計 | 2.23 | | | 1.01 | | | 1.23 |
| | 又X4-X5 | 内壁 | 2.39×0.54 | 1.29 | 柱 | 又X4 | 0.65 | 梁 | X5 | 0.65 |
| | Y7 | 床(2階床 | 0.52×1.40 | 0.72 | | Y7 | 0.36 | | Y4- | 0.36 |
| | | 床(2階床 | 0.52×1.40 | 0.72 | | | 0.36 | | | 0.36 |
| | | 床積載 | 0.52×1.80 | 0.93 | | | 0.47 | | | 0.47 |
| | | 床積載 | 0.52×1.80 | 0.93 | | | 0.47 | | | 0.47 |
| | | | 計 | 4.60 | | | 2.30 | | | 2.30 |
| | 又X4 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X3-X5 | 0.14 | 柱 | 又X4 | 0.14 |
| | 又-Y8 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | Y8 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又X4 | 軒先1 | 0.03×0.46 | 0.01 | 柱 | 又X4 | 0.01 | 柱 | 又X4 | 0.01 |
| | Y8-Y9 | 外壁 | 0.34×0.70 | 0.24 | | Y8 | 0.12 | | Y9 | 0.12 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | | 0.29 |
| | | | 計 | 0.84 | | | 0.42 | | | 0.42 |
| | 又X4-X5 | 外壁 | 1.97×0.70 | 1.38 | 柱 | 又X4 | 0.69 | 柱 | X5 | 0.69 |
| | Y8 | 外壁 | 1.26×0.70 | 0.88 | | Y8 | 0.44 | | Y8 | 0.44 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X４-X５<br>Y８ | | 計 | 2.26 | 柱 | 又X４<br>Y８ | 1.13 | 柱 | X５<br>Y８ | 1.13 |
| | 又X４-X５<br>Y８ | 外壁 | 0.45×0.70 | 0.32 | 柱 | 又X４<br>Y８ | 0.16 | 柱 | X５<br>Y８ | 0.16 |
| | | 外壁 | 1.26×0.70 | 0.88 | | | 0.44 | | | 0.44 |
| | | 床(2階床 | 0.41×1.40 | 0.58 | | | 0.29 | | | 0.29 |
| | | 床積載 | 0.41×1.80 | 0.75 | | | 0.37 | | | 0.37 |
| | | | 計 | 2.53 | | | 1.26 | | | 1.26 |
| | 又X４<br>Y９-又Y９ | 軒先1 | 0.01×0.46 | 0.01 | 柱 | 又X４<br>Y９ | 0.00 | 柱 | 又X４<br>又Y９ | 0.00 |
| | | | 計 | 0.01 | | | 0.00 | | | 0.00 |
| | 又X４<br>又Y９-Y10 | 軒先1 | 0.07×0.46 | 0.03 | 柱 | 又X４<br>又Y９ | 0.03 | | 受材１へ | |
| | | | 計 | 0.03 | | | 0.03 | | | |
| | 又X４<br>Y４- | 内壁 | 0.97×0.54 | 0.52 | 梁 | X３-X５<br>Y４ | 0.18 | 梁 | X３-X５ | 0.34 |
| | | 内壁 | 0.97×0.54 | 0.52 | | | 0.18 | | | 0.34 |
| | | 柱又X４又 | ×1.000 | 1.22 | | | 0.51 | | | 0.70 |
| | | 柱又X４Y４ | ×1.000 | 2.07 | | | 2.07 | | | 0.00 |
| | | 内壁 | 0.79×0.54 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |
| | | 内壁 | 0.79×0.54 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床(2階床 | 0.17×1.40 | 0.23 | | | 0.04 | | | 0.19 |
| | | 床(2階床 | 0.17×1.40 | 0.23 | | | 0.04 | | | 0.19 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.05 | | | 0.25 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.05 | | | 0.25 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.02 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.22 | | | 0.07 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.02 | | | 0.03 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.03 | | | 0.04 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.03 | | | 0.04 |
| | | | 計 | 9.56 | | | 5.52 | | | 4.04 |
| | 又X４-X５ | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | 又X４<br>Y４- | 0.04 | 梁 | X５<br>Y４- | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.20 | | | 0.20 |
| | | 内壁 | 1.57×0.54 | 0.85 | | | 0.42 | | | 0.42 |
| | | | 計 | 2.58 | | | 1.29 | | | 1.29 |
| | 又X４<br>- | 柱又X４又 | ×1.000 | 2.28 | 梁 | X３-X５ | 1.14 | 梁 | X３-X５ | 1.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 3.61 | | | 1.80 | | | 1.80 |
| | 又X４<br>-Y５ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X３-X５ | 0.14 | 梁 | X３-X５<br>Y５ | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又X４-又<br>Y３ | 内壁 | 0.10×0.54 | 0.05 | 柱 | 又X４<br>Y３ | 0.00 | 柱 | 又<br>Y３ | 0.05 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.17 | | | 0.24 |
| | | 床(2階床 | 1.06×1.40 | 1.48 | | | 0.63 | | | 0.85 |
| | | 床積載 | 1.06×1.80 | 1.90 | | | 0.81 | | | 1.10 |
| | | 柱X５ | ×0.333 | 0.84 | | | 0.36 | | | 0.49 |
| | | 内壁 | 1.38×0.54 | 0.75 | | | 0.37 | | | 0.37 |
| | | 内壁 | 1.32×0.54 | 0.71 | | | 0.36 | | | 0.36 |
| | | 床(2階床 | 0.04×1.40 | 0.05 | | | 0.00 | | | 0.05 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X４-又 | 床(2階床 | 0.04×1.40 | 0.05 | 柱 | 又X４ | 0.01 | 柱 | 又 | 0.04 |
| | Y３ | 床(2階床 | 0.10×1.40 | 0.14 | | Y３ | 0.10 | | Y３ | 0.04 |
| | | 床積載 | 0.04×1.80 | 0.07 | | | 0.00 | | | 0.06 |
| | | 床積載 | 0.04×1.80 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.13 | | | 0.05 |
| | | 床(2階床 | 0.06×1.40 | 0.08 | | | 0.01 | | | 0.08 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.01 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.21 | | | 0.08 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.06×1.80 | 0.11 | | | 0.01 | | | 0.10 |
| | | 床積載 | 0.03×1.80 | 0.05 | | | 0.01 | | | 0.03 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.27 | | | 0.11 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.07 |
| | | | 計 | 7.82 | | | 3.53 | | | 4.29 |
| | | 内壁 | 1.59×0.54 | 0.86 | 柱 | | 0.43 | 柱 | | 0.43 |
| | Y０-又Y０ | | 計 | 0.86 | | Y０ | 0.43 | | 又Y０ | 0.43 |
| | -又X５ | 外壁 | 0.84×0.70 | 0.59 | 柱 | | 0.29 | 柱 | 又X５ | 0.29 |
| | Y０ | | 計 | 0.59 | | Y０ | 0.29 | | Y０ | 0.29 |
| | -又X５ | 内壁 | 0.96×0.54 | 0.52 | 柱 | | 0.09 | 柱 | 又X５ | 0.43 |
| | Y０ | 外壁 | 1.27×0.70 | 0.89 | | Y０ | 0.60 | | Y０ | 0.29 |
| | | 内壁 | 2.44×0.54 | 1.32 | | | 0.89 | | | 0.43 |
| | | 床(2階床 | 1.52×1.45 | 2.21 | | | 1.49 | | | 0.72 |
| | | 床積載 | 1.52×1.80 | 2.74 | | | 1.85 | | | 0.89 |
| | | 柱X５又 | ×0.154 | 0.36 | | | 0.25 | | | 0.12 |
| | | 柱X５又 | ×0.192 | 0.37 | | | 0.25 | | | 0.12 |
| | | 柱X５Y１ | ×0.407 | 1.87 | | | 1.27 | | | 0.61 |
| | | 軒先1 | 0.46×0.46 | 0.21 | | | 0.10 | | | 0.10 |
| | | 屋根1 | 1.00×0.53 | 0.53 | | | 0.27 | | | 0.27 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | | 0.29 |
| | | | 計 | 11.61 | | | 7.35 | | | 4.26 |
| | | 内壁 | 0.33×0.54 | 0.18 | 柱 | | 0.09 | 梁 | 又X４-又 | 0.09 |
| | 又Y０-Y１ | | 計 | 0.18 | | 又Y０ | 0.09 | | Y１ | 0.09 |
| | | 内壁 | 1.26×0.54 | 0.68 | 梁 | 又X４-又 | 0.34 | 柱 | | 0.34 |
| | Y１-又Y１ | 床(2階床 | 0.08×1.40 | 0.12 | | Y１ | 0.06 | | 又Y１ | 0.06 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.08×1.80 | 0.15 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.11 | | | 0.11 |
| | | | 計 | 1.36 | | | 0.68 | | | 0.68 |
| | -又 | 内壁 | 0.52×0.54 | 0.28 | 柱 | | 0.14 | 梁 | 又 | 0.14 |
| | 又Y１ | 床(2階床 | 0.04×1.40 | 0.06 | | 又Y１ | 0.03 | | Y０-Y２ | 0.03 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.02 | | | 0.02 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.02 | | | 0.02 |
| | | | 計 | 0.49 | | | 0.24 | | | 0.24 |
| | 又 | 内壁 | 0.95×0.54 | 0.51 | 梁 | -又X５ | 0.16 | 梁 | X４-X５ | 0.36 |
| | Y０-Y２ | 床(2階床 | 0.31×1.40 | 0.43 | | Y０ | 0.13 | | Y２ | 0.30 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.17 | | | 0.39 |
| | | 柱X５又 | ×0.500 | 1.18 | | | 0.36 | | | 0.82 |
| | | 内壁 | 0.95×0.54 | 0.51 | | | 0.20 | | | 0.32 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.17 | | | 0.27 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.22 | | | 0.34 |
| | | 柱X５又 | ×0.500 | 0.95 | | | 0.37 | | | 0.59 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 内壁 | 1.10×0.54 | 0.59 | | | 0.48 | | | 0.11 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.16 | | | 0.04 |
| | | 柱X５Y１ | ×0.500 | 2.30 | | | 1.87 | | | 0.43 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 内壁 | 0.54×0.54 | 0.29 | | | 0.24 | | | 0.05 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.14 | | | 0.03 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.18 | | | 0.04 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又 | 内壁 | 0.26×0.54 | 0.14 | 梁 | -又X５ | 0.10 | 梁 | X４-X５ | 0.04 |
| | Y０-Y２ | 床(2階床 | 0.03×1.40 | 0.05 | | Y０ | 0.03 | | Y２ | 0.01 |
| | | 床積載 | 0.03×1.80 | 0.06 | | | 0.04 | | | 0.02 |
| | | 内壁 | 0.40×0.54 | 0.22 | | | 0.15 | | | 0.07 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.06 | | | 0.03 |
| | | 床(2階床 | 1.87×1.47 | 2.74 | | | 0.95 | | | 1.79 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.08 | | | 0.45 |
| | | 床(2階床 | 0.11×1.47 | 0.16 | | | 0.12 | | | 0.04 |
| | | 床(2階床 | 0.08×1.47 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.29 | | | 0.25 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.03 | | | 0.05 |
| | | 床積載 | 1.87×1.80 | 3.36 | | | 1.16 | | | 2.20 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.10 | | | 0.55 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.15 | | | 0.05 |
| | | 床積載 | 0.08×1.80 | 0.15 | | | 0.11 | | | 0.04 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.35 | | | 0.30 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.06 |
| | | | 計 | 20.07 | | | 9.76 | | | 10.31 |
| | 又-又X５ | 柱X５Y１ | ×1.000 | 4.61 | 梁 | 又 | 2.30 | 梁 | 又X５ | 2.30 |
| | Y１ | 内壁 | 1.23×0.54 | 0.67 | | Y０-Y２ | 0.33 | | Y０-Y２ | 0.33 |
| | | 床(2階床 | 0.11×1.40 | 0.16 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | 内壁 | 0.96×0.54 | 0.52 | | | 0.26 | | | 0.26 |
| | | 外壁 | 1.56×0.70 | 1.09 | | | 0.55 | | | 0.55 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | | 計 | 7.57 | | | 3.79 | | | 3.79 |
| | 又-X５ | 内壁 | 0.80×0.54 | 0.43 | 梁 | 又 | 0.22 | 柱 | X５ | 0.22 |
| | 又Y１ | 床(2階床 | 0.05×1.40 | 0.07 | | Y０-Y２ | 0.04 | | 又Y１ | 0.04 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.76 | | | 0.38 | | | 0.38 |
| | 又-又X５ | 柱X５又 | ×1.000 | 1.90 | 梁 | 又 | 0.95 | 梁 | 又X５ | 0.95 |
| | 又 | 内壁 | 0.38×0.54 | 0.21 | | Y０-Y２ | 0.10 | | Y０-Y２ | 0.10 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | | 0.41 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | | 計 | 4.92 | | | 2.46 | | | 2.46 |
| | 又-又X５ | 柱X５又 | ×1.000 | 2.36 | 梁 | 又 | 1.18 | 梁 | 又X５ | 1.18 |
| | 又 | 内壁 | 1.52×0.54 | 0.82 | | Y０-Y２ | 0.41 | | Y０-Y２ | 0.41 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 内壁 | 0.38×0.54 | 0.21 | | | 0.10 | | | 0.10 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又-又X５ | 床積載 | 0.05×1.80 | 0.09 | 梁 | 又 | 0.07 | 梁 | 又X５ | 0.02 |
| | 又 | 床積載 | 0.05×1.80 | 0.09 | | Y０-Y２ | 0.07 | | Y０-Y２ | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | | 計 | 5.37 | | | 2.69 | | | 2.69 |
| | 又 | 内壁 | 1.14×0.54 | 0.62 | 梁 | X４-X５ | 0.21 | 梁 | 又X４-又 | 0.41 |
| | Y２-Y３ | 床(2階床 | 0.36×1.40 | 0.50 | | Y２ | 0.17 | | Y３ | 0.34 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.22 | | | 0.43 |
| | | 柱X５ | ×0.500 | 1.27 | | | 0.42 | | | 0.84 |
| | | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.03 | | | 0.17 |
| | | 床(2階床 | 1.15×1.40 | 1.61 | | | 0.81 | | | 0.81 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.34 | | | 0.17 |
| | | 床積載 | 0.14×1.80 | 0.26 | | | 0.04 | | | 0.22 |
| | | 床積載 | 1.15×1.80 | 2.08 | | | 1.04 | | | 1.04 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.43 | | | 0.22 |
| | | | 計 | 8.35 | | | 3.71 | | | 4.64 |
| | 又-又X５ | 柱X５ | ×1.000 | 2.53 | 梁 | 又 | 1.27 | 梁 | 又X５ | 1.27 |
| | | 内壁 | 0.76×0.54 | 0.41 | | Y２-Y３ | 0.21 | | Y２-Y３ | 0.21 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.11 | | | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | | 0.41 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | | 計 | 6.07 | | | 3.03 | | | 3.03 |
| | X５ | 内壁 | 1.93×0.54 | 1.04 | 梁 | -又X５ | 0.52 | 梁 | 又-又X５ | 0.52 |
| | Y０-Y１ | | 計 | 1.04 | | Y０ | 0.52 | | Y１ | 0.52 |
| | X５ | 内壁 | 1.26×0.54 | 0.68 | 梁 | 又-又X５ | 0.34 | 柱 | X５ | 0.34 |
| | Y１-又Y１ | 内壁 | 1.20×0.54 | 0.65 | | Y１ | 0.32 | | 又Y１ | 0.32 |
| | | 床(2階床 | 0.11×1.40 | 0.16 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | 床(2階床 | 0.11×1.40 | 0.16 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | | 計 | 2.05 | | | 1.02 | | | 1.02 |
| | X５ | 内壁 | 3.04×0.54 | 1.64 | 柱 | X５ | 0.82 | 梁 | 又-又X５ | 0.82 |
| | 又Y１-又 | 床(2階床 | 0.36×1.40 | 0.51 | | 又Y１ | 0.25 | | 又 | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | | 計 | 3.96 | | | 1.98 | | | 1.98 |
| | X５-又X５ | 床(2階床 | 0.05×1.40 | 0.07 | 柱 | X５ | 0.04 | 梁 | 又X５ | 0.04 |
| | 又Y１ | 床(2階床 | 0.05×1.40 | 0.07 | | 又Y１ | 0.04 | | Y０-Y２ | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.33 | | | 0.17 | | | 0.17 |
| | X５ | 内壁 | 0.76×0.54 | 0.41 | 梁 | 又-又X５ | 0.21 | 梁 | 又-又X５ | 0.21 |
| | 又-又 | 床(2階床 | 0.05×1.40 | 0.07 | | 又 | 0.04 | | 又 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.74 | | | 0.37 | | | 0.37 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ５ | 内壁 | 3.04×0.54 | 1.64 | 梁 | 又-又Ｘ５ | 0.82 | 柱 | Ｘ５ | 0.82 |
| | 又-Ｙ２ | 床(2階床 | 0.36×1.40 | 0.51 | | 又 | 0.25 | | Ｙ２ | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | | 計 | 3.96 | | | 1.98 | | | 1.98 |
| | Ｘ５ | 内壁 | 3.04×0.54 | 1.64 | 柱 | Ｘ５ | 0.82 | 梁 | 又-又Ｘ５ | 0.82 |
| | Ｙ２- | 床(2階床 | 0.36×1.40 | 0.51 | | Ｙ２ | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | | 計 | 3.96 | | | 1.98 | | | 1.98 |
| | Ｘ５-又Ｘ５ | 内壁 | 0.38×0.54 | 0.21 | 柱 | Ｘ５ | 0.04 | 柱 | 又Ｘ５ | 0.16 |
| | Ｙ２ | 床(2階床 | 0.91×1.40 | 1.27 | | Ｙ２ | 0.26 | | Ｙ２ | 1.01 |
| | | 床積載 | 0.91×1.80 | 1.63 | | | 0.33 | | | 1.30 |
| | | 柱Ｘ５ | ×0.167 | 0.42 | | | 0.09 | | | 0.34 |
| | | 外壁 | 0.29×0.70 | 0.20 | | | 0.04 | | | 0.16 |
| | | 内壁 | 1.45×0.54 | 0.78 | | | 0.16 | | | 0.62 |
| | | 床(2階床 | 2.17×1.45 | 3.15 | | | 0.64 | | | 2.52 |
| | | 床積載 | 2.17×1.80 | 3.91 | | | 0.79 | | | 3.12 |
| | | 柱Ｘ５又 | ×0.346 | 0.82 | | | 0.16 | | | 0.65 |
| | | 柱Ｘ５又 | ×0.308 | 0.59 | | | 0.12 | | | 0.47 |
| | | 柱Ｘ５Ｙ１ | ×0.093 | 0.43 | | | 0.09 | | | 0.34 |
| | | 柱Ｙ１ | ×0.093 | 0.17 | | | 0.03 | | | 0.13 |
| | | 内壁 | 1.00×0.54 | 0.54 | | | 0.27 | | | 0.27 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.03 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.03 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 1.80 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.06 | | | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.06 | | | 0.04 |
| | | 床積載 | 1.80 | 0.01 | | | 0.00 | | | 0.01 |
| | | | 計 | 14.48 | | | 3.21 | | | 11.27 |
| | Ｘ５ | 内壁 | 1.52×0.54 | 0.82 | 梁 | 又-又Ｘ５ | 0.41 | 柱 | Ｘ５ | 0.41 |
| | -Ｙ３ | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.10 | | Ｙ３ | 0.10 |
| | | 床積載 | 0.14×1.80 | 0.26 | | | 0.13 | | | 0.13 |
| | | 床(2階床 | 0.15×1.40 | 0.22 | | | 0.11 | | | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.14 | | | 0.14 |
| | | | 計 | 1.78 | | | 0.89 | | | 0.89 |
| | Ｘ５ | 内壁 | 0.10×0.54 | 0.05 | 柱 | Ｘ５ | 0.05 | 柱 | Ｘ５ | 0.00 |
| | Ｙ３-Ｙ４ | 床(2階床 | 1.25×1.40 | 1.75 | | Ｙ３ | 1.05 | | Ｙ４ | 0.70 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.35 | | | 0.90 |
| | | 床(2階床 | 0.96×1.40 | 1.35 | | | 0.27 | | | 1.08 |
| | | 床積載 | 0.96×1.80 | 1.74 | | | 0.35 | | | 1.39 |
| | | 床(2階床 | 2.44×1.45 | 3.53 | | | 2.12 | | | 1.41 |
| | | 床積載 | 2.44×1.80 | 4.38 | | | 2.63 | | | 1.75 |
| | | 床(2階床 | 2.44×1.45 | 3.53 | | | 0.71 | | | 2.83 |
| | | 床積載 | 2.44×1.80 | 4.38 | | | 0.88 | | | 3.51 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.07 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.19 | | | 0.05 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.12 | | | 0.17 |
| | | 床(2階床 | 0.15×1.40 | 0.22 | | | 0.17 | | | 0.04 |
| | | 床(2階床 | 0.15×1.40 | 0.22 | | | 0.09 | | | 0.13 |
| | | 床(2階床 | 0.08×1.40 | 0.11 | | | 0.01 | | | 0.10 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.01 | | | 0.08 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.25 | | | 0.06 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.15 | | | 0.22 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.22 | | | 0.06 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.11 | | | 0.17 |
| | | 床積載 | 0.08×1.80 | 0.14 | | | 0.01 | | | 0.13 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ５<br>Ｙ３-Ｙ４ | | 計 | 25.61 | 柱 | Ｘ５<br>Ｙ３ | 10.76 | 柱 | Ｘ５<br>Ｙ４ | 14.85 |
| | Ｘ５-又<br>Ｙ３ | 床(2階床 | 0.18×1.40 | 0.25 | 柱 | Ｘ５<br>Ｙ３ | 0.17 | 柱 | 又<br>Ｙ３ | 0.08 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.22 | | | 0.11 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.27 | | | 0.14 |
| | | 床(2階床 | 1.01×1.40 | 1.41 | | | 0.94 | | | 0.47 |
| | | 床積載 | 1.01×1.80 | 1.81 | | | 1.21 | | | 0.60 |
| | | 柱Ｘ５ | ×0.333 | 0.84 | | | 0.56 | | | 0.28 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 2.28×0.54 | 1.23 | | | 0.62 | | | 0.62 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.08 | | | 0.02 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.14 | | | 0.29 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.08 | | | 0.02 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.19 | | | 0.37 |
| | | | 計 | 9.57 | | | 5.46 | | | 4.11 |
| | Ｘ５-Ｘ７ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ５<br>Ｙ３-Ｙ４ | 0.08 | 梁 | Ｘ７<br>Ｙ３-又 | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.23 | | | 0.02 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.30 | | | 0.03 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.23 | | | 0.02 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.30 | | | 0.03 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.69 | | | 0.22 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.40 | | | 0.51 |
| | | 床(2階床 | 0.52×1.47 | 0.77 | | | 0.11 | | | 0.66 |
| | | 床(2階床 | 0.52×1.47 | 0.77 | | | 0.11 | | | 0.66 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.69 | | | 0.22 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.40 | | | 0.51 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.85 | | | 0.27 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.49 | | | 0.63 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.13 | | | 0.81 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.13 | | | 0.81 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.85 | | | 0.27 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.49 | | | 0.63 |
| | | | 計 | 15.68 | | | 7.92 | | | 7.76 |
| | Ｘ５-Ｘ７ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ５<br>Ｙ３-Ｙ４ | 0.08 | 梁 | Ｘ７<br>Ｙ３-又 | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.23 | | | 0.02 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.30 | | | 0.03 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.23 | | | 0.02 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.30 | | | 0.03 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X5-X7 | 床(2階床 | 0.05×1.47 | 0.08 | 梁 | X5 | 0.07 | 梁 | X7 | 0.00 |
| | | 床(2階床 | 0.52×1.47 | 0.77 | | Y3-Y4 | 0.11 | | Y3-又 | 0.66 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.69 | | | 0.22 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.69 | | | 0.22 |
| | | 床(2階床 | 0.52×1.47 | 0.77 | | | 0.11 | | | 0.66 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.40 | | | 0.51 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.40 | | | 0.51 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.13 | | | 0.81 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.85 | | | 0.27 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.85 | | | 0.27 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.13 | | | 0.81 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.49 | | | 0.63 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.49 | | | 0.63 |
| | | | 計 | 15.68 | | | 7.92 | | | 7.76 |
| | X5 | 内壁 | 0.97×0.54 | 0.52 | 柱 | X5 | 0.45 | 柱 | X5 | 0.07 |
| | Y4- | 柱X5 | ×1.000 | 8.44 | | Y4 | 6.75 | | | 1.69 |
| | | 柱X5 | ×1.000 | 10.00 | | | 5.00 | | | 5.00 |
| | | 柱X5Y6 | ×1.000 | 13.21 | | | 3.96 | | | 9.25 |
| | | 柱X5Y7 | ×1.000 | 14.15 | | | 1.41 | | | 12.73 |
| | | 柱X5Y5 | ×1.000 | 7.04 | | | 4.23 | | | 2.82 |
| | | 内壁 | 0.79×0.54 | 0.42 | | | 0.38 | | | 0.04 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.34 | | | 0.04 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.44 | | | 0.05 |
| | | 内壁 | 1.20×0.54 | 0.65 | | | 0.06 | | | 0.58 |
| | | 床(2階床 | 0.52×1.40 | 0.72 | | | 0.07 | | | 0.65 |
| | | 床積載 | 0.52×1.80 | 0.93 | | | 0.09 | | | 0.84 |
| | | 内壁 | 2.70×0.54 | 1.46 | | | 1.17 | | | 0.29 |
| | | 床(2階床 | 1.75×1.40 | 2.45 | | | 1.96 | | | 0.49 |
| | | 床積載 | 1.75×1.80 | 3.14 | | | 2.52 | | | 0.63 |
| | | 柱 | ×0.345 | 2.09 | | | 1.67 | | | 0.42 |
| | | 柱又X4又 | ×0.388 | 0.47 | | | 0.38 | | | 0.09 |
| | | 柱又X4又 | ×0.336 | 0.77 | | | 0.61 | | | 0.15 |
| | | 内壁 | 0.84×0.54 | 0.45 | | | 0.32 | | | 0.14 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 1.23 | | | 0.53 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.58 | | | 0.68 |
| | | 柱 | ×0.345 | 1.07 | | | 0.75 | | | 0.32 |
| | | 柱又X4又 | ×0.336 | 0.77 | | | 0.54 | | | 0.23 |
| | | 内壁 | 0.52×0.54 | 0.28 | | | 0.17 | | | 0.11 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 1.05 | | | 0.70 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.35 | | | 0.90 |
| | | 柱又X4Y5 | ×0.672 | 1.32 | | | 0.79 | | | 0.53 |
| | | 柱Y5 | ×0.345 | 2.03 | | | 1.22 | | | 0.81 |
| | | 内壁 | 2.88×0.54 | 1.56 | | | 0.78 | | | 0.78 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 0.88 | | | 0.88 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 1.13 | | | 1.13 |
| | | 柱 | ×0.345 | 1.37 | | | 0.69 | | | 0.69 |
| | | 柱又 | ×0.172 | 0.19 | | | 0.09 | | | 0.09 |
| | | 内壁 | 0.79×0.54 | 0.42 | | | 0.17 | | | 0.25 |
| | | 床(2階床 | 1.27×1.40 | 1.77 | | | 0.71 | | | 1.06 |
| | | 床積載 | 1.27×1.80 | 2.28 | | | 0.91 | | | 1.37 |
| | | 柱又 | ×0.172 | 0.19 | | | 0.07 | | | 0.11 |
| | | 内壁 | 3.20×0.54 | 1.73 | | | 0.52 | | | 1.21 |
| | | 床(2階床 | 1.27×1.40 | 1.77 | | | 0.53 | | | 1.24 |
| | | 床積載 | 1.27×1.80 | 2.28 | | | 0.68 | | | 1.60 |
| | | 柱Y6 | ×0.345 | 3.01 | | | 0.90 | | | 2.11 |
| | | 床(2階床 | 1.25×1.40 | 1.75 | | | 0.35 | | | 1.40 |
| | | 床積載 | 1.25×1.80 | 2.25 | | | 0.45 | | | 1.80 |
| | | 床(2階床 | 2.08×1.45 | 3.02 | | | 2.87 | | | 0.15 |
| | | 床積載 | 2.08×1.80 | 3.75 | | | 3.56 | | | 0.19 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ５ | 内壁 | 11.70×0.54 | 6.32 | 柱 | Ｘ５ | 5.05 | 柱 | Ｘ５ | 1.26 |
| | Ｙ４- | 床(2階床 | 1.22×1.46 | 1.78 | | Ｙ４ | 1.42 | | | 0.36 |
| | | 床積載 | 1.22×1.80 | 2.20 | | | 1.76 | | | 0.44 |
| | | 床(2階ホール | 0.17×1.46 | 0.24 | | | 0.20 | | | 0.05 |
| | | 床積載 | 0.17×3.20 | 0.54 | | | 0.43 | | | 0.11 |
| | | 床(2階床 | 1.84×1.45 | 2.68 | | | 2.35 | | | 0.32 |
| | | 床積載 | 1.84×1.80 | 3.31 | | | 2.91 | | | 0.40 |
| | | 内壁 | 1.59×0.54 | 0.86 | | | 0.04 | | | 0.82 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.04 | | | 0.78 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.66 | | | 0.99 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 1.15 | | | 0.49 |
| | | 内壁 | 1.04×0.54 | 0.56 | | | 0.47 | | | 0.09 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.45 | | | 0.37 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.33 | | | 1.31 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.05 | | | 0.27 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.02 | | | 0.30 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.08 | | | 0.24 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.06 | | | 0.32 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.02 | | | 0.35 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.09 | | | 0.28 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.11 | | | 0.21 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.14 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.13 | | | 0.24 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.17 | | | 0.20 |
| | | 床(2階床 | 0.17×1.55 | 0.26 | | | 0.21 | | | 0.04 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.18 | | | 0.14 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.24 | | | 0.08 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.21 | | | 0.11 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.25 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.20 | | | 0.17 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.28 | | | 0.09 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.13 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.30 | | | 0.02 |
| | | 床(2階床 | 0.04×1.55 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.08×1.55 | 0.12 | | | 0.12 | | | 0.00 |
| | | 床(2階床 | 0.09×1.55 | 0.15 | | | 0.13 | | | 0.01 |
| | | 床(2階床 | 0.11×1.55 | 0.18 | | | 0.15 | | | 0.03 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.35 | | | 0.02 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.07 | | | 0.01 |
| | | 床積載 | 0.08×1.80 | 0.14 | | | 0.14 | | | 0.00 |
| | | 床積載 | 0.09×1.80 | 0.17 | | | 0.15 | | | 0.01 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.17 | | | 0.03 |
| | | | 計 | 145.57 | | | 77.38 | | | 68.18 |
| | Ｘ５-Ｘ７ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ５ | 0.08 | 梁 | Ｘ７ | 0.21 |
| | 又Ｙ４ | 床積載 | 0.21×1.80 | 0.37 | | Ｙ４- | 0.10 | | Ｙ３-又 | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.23 | | | 0.02 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.30 | | | 0.03 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.10 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.09 | | | 0.06 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.11 | | | 0.07 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.13 | | | 0.01 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.16 | | | 0.01 |
| | | 床(2階床 | 0.41×1.47 | 0.60 | | | 0.08 | | | 0.52 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.69 | | | 0.22 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床(2階床 | 0.48×1.47 | 0.71 | | | 0.54 | | | 0.17 |
| | | 床(2階床 | 0.52×1.47 | 0.77 | | | 0.11 | | | 0.66 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ５-Ｘ７ | 床(2階床 | 0.62×1.47 | 0.91 | 梁 | Ｘ５ | 0.40 | 梁 | Ｘ７ | 0.51 |
| | 又Ｙ４ | 床(2階床 | 0.48×1.47 | 0.71 | | Ｙ４- | 0.31 | | Ｙ３-又 | 0.39 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.10 | | | 0.63 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.85 | | | 0.27 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.48×1.80 | 0.86 | | | 0.66 | | | 0.21 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.13 | | | 0.81 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.49 | | | 0.63 |
| | | 床積載 | 0.48×1.80 | 0.86 | | | 0.38 | | | 0.48 |
| | | | 計 | 13.46 | | | 6.77 | | | 6.68 |
| | Ｘ５-Ｘ７ | 床(2階床 | 0.10×1.40 | 0.14 | 梁 | Ｘ５ | 0.04 | 柱 | Ｘ７ | 0.10 |
| | 又 | 床積載 | 0.10×1.80 | 0.18 | | Ｙ４- | 0.05 | | 又 | 0.13 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.09 | | | 0.06 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.11 | | | 0.07 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.13 | | | 0.01 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.16 | | | 0.01 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.07 | | | 0.17 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.11 | | | 0.07 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.14 | | | 0.09 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.16 | | | 0.01 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.20 | | | 0.02 |
| | | 床(2階床 | 0.45×1.47 | 0.66 | | | 0.09 | | | 0.57 |
| | | 床(2階床 | 0.41×1.47 | 0.60 | | | 0.08 | | | 0.52 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床(2階床 | 0.48×1.47 | 0.71 | | | 0.54 | | | 0.17 |
| | | 床(2階床 | 0.48×1.47 | 0.71 | | | 0.31 | | | 0.39 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.34 | | | 0.43 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.59 | | | 0.19 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床積載 | 0.45×1.80 | 0.81 | | | 0.11 | | | 0.69 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.10 | | | 0.63 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | 床積載 | 0.48×1.80 | 0.86 | | | 0.66 | | | 0.21 |
| | | 床積載 | 0.48×1.80 | 0.86 | | | 0.38 | | | 0.48 |
| | | 床積載 | 0.53×1.80 | 0.95 | | | 0.42 | | | 0.53 |
| | | 床積載 | 0.53×1.80 | 0.95 | | | 0.72 | | | 0.23 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | | 計 | 11.94 | | | 5.99 | | | 5.95 |
| | Ｘ５-Ｘ７ | 内壁 | 12.77×0.54 | 6.89 | 梁 | Ｘ５ | 1.39 | 梁 | Ｘ７ | 5.51 |
| | | 床(2階床 | 1.09×1.47 | 1.60 | | Ｙ４- | 0.32 | | 又-又 | 1.28 |
| | | 床積載 | 1.09×1.80 | 1.97 | | | 0.40 | | | 1.57 |
| | | 床(2階ホール | 0.83×1.46 | 1.22 | | | 0.24 | | | 0.97 |
| | | 床積載 | 0.83×3.20 | 2.67 | | | 0.54 | | | 2.13 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.05 | | | 0.13 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.07 | | | 0.17 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.11 | | | 0.07 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.14 | | | 0.09 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.16 | | | 0.01 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.20 | | | 0.02 |
| | | 内壁 | 15.20×0.54 | 8.21 | | | 4.93 | | | 3.28 |
| | | 床(2階床 | 0.35×1.47 | 0.51 | | | 0.05 | | | 0.46 |
| | | 床(2階床 | 0.10×1.47 | 0.15 | | | 0.04 | | | 0.11 |
| | | 床(2階床 | 0.31×1.47 | 0.46 | | | 0.05 | | | 0.42 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.34 | | | 0.43 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.59 | | | 0.19 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.07 | | | 0.00 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.06 | | | 0.57 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.04 | | | 0.14 |
| | | 床積載 | 0.31×1.80 | 0.57 | | | 0.06 | | | 0.51 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X5-X7 | 床積載 | 0.53×1.80 | 0.95 | 梁 | X5 | 0.42 | 梁 | X7 | 0.53 |
| | | 床積載 | 0.53×1.80 | 0.95 | | Y4- | 0.72 | | 又-又 | 0.23 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.09 | | | 0.00 |
| | | | 計 | 29.91 | | | 11.08 | | | 18.83 |
| | X5 | 柱X5又 | ×1.000 | 0.62 | 柱 | X5 | 0.49 | 柱 | X5 | 0.13 |
| | -Y8 | 内壁 | 0.47×0.54 | 0.25 | | | 0.23 | | Y8 | 0.03 |
| | | 内壁 | 1.81×0.54 | 0.98 | | | 0.39 | | | 0.59 |
| | | | 計 | 1.85 | | | 1.11 | | | 0.74 |
| | X5 | 内壁 | 0.46×0.54 | 0.25 | 柱 | X5 | 0.17 | 柱 | X5 | 0.08 |
| | -Y8 | 床(2階床 | 1.74×1.46 | 2.53 | | | 1.69 | | Y8 | 0.84 |
| | | 床積載 | 1.74×1.80 | 3.12 | | | 2.08 | | | 1.04 |
| | | 床(2階ホール | 0.08×1.45 | 0.11 | | | 0.08 | | | 0.04 |
| | | 床積載 | 0.08×3.20 | 0.25 | | | 0.17 | | | 0.08 |
| | | 床(2階床 | 0.96×1.40 | 1.35 | | | 0.90 | | | 0.45 |
| | | 床積載 | 0.96×1.80 | 1.74 | | | 1.16 | | | 0.58 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.08 | | | 0.02 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.08 | | | 0.02 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | | 計 | 12.30 | | | 7.60 | | | 4.70 |
| | X5-X7 | 内壁 | 0.76×0.54 | 0.41 | 柱 | X5 | 0.08 | 梁 | X7 | 0.33 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.01 | | 又Y6-又 | 0.03 |
| | | 床積載 | 0.03×1.80 | 0.05 | | | 0.01 | | | 0.04 |
| | | 床(2階ホール | 0.03×1.40 | 0.04 | | | 0.01 | | | 0.03 |
| | | 床積載 | 0.03×3.20 | 0.08 | | | 0.02 | | | 0.07 |
| | | 内壁 | 12.51×0.54 | 6.76 | | | 1.36 | | | 5.40 |
| | | 床(2階床 | 0.28×1.46 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床積載 | 0.28×1.80 | 0.51 | | | 0.10 | | | 0.40 |
| | | 床(2階ホール | 1.65×1.47 | 2.41 | | | 0.48 | | | 1.93 |
| | | 床積載 | 1.65×3.20 | 5.27 | | | 1.06 | | | 4.21 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.06 | | | 0.03 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.03 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.06 |
| | | 内壁 | 15.20×0.54 | 8.21 | | | 4.93 | | | 3.28 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.45 | | | 0.09 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.28 | | | 0.26 |
| | | 床(2階床 | 0.15×1.47 | 0.23 | | | 0.06 | | | 0.16 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.55 | | | 0.10 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.34 | | | 0.31 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.08 | | | 0.20 |
| | | 床(2階ホール | 0.31×1.47 | 0.46 | | | 0.05 | | | 0.42 |
| | | 床(2階ホール | 0.21×1.47 | 0.31 | | | 0.03 | | | 0.28 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.10 | | | 0.90 |
| | | 床積載 | 0.21×3.20 | 0.67 | | | 0.07 | | | 0.60 |
| | | | 計 | 29.82 | | | 10.31 | | | 19.51 |
| | X5-X7 | 内壁 | 1.52×0.54 | 0.82 | 梁 | X5 | 0.17 | 柱 | X7 | 0.66 |
| | 又 | 床(2階床 | 0.10×1.40 | 0.14 | | -Y8 | 0.03 | | 又 | 0.12 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.04 | | | 0.15 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.03 | | | 0.12 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.07 | | | 0.26 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.01 | | | 0.03 |
| | | 床積載 | 0.03×1.80 | 0.05 | | | 0.01 | | | 0.04 |
| | | 床(2階ホール | 0.03×1.40 | 0.04 | | | 0.01 | | | 0.03 |
| | | 床積載 | 0.03×3.20 | 0.08 | | | 0.02 | | | 0.07 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ５-Ｘ７ | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ５ | 0.20 | 柱 | Ｘ７ | 0.09 |
| | 又 | 床積載 | 0.21×1.80 | 0.37 | | -Ｙ８ | 0.25 | | 又 | 0.12 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.06 | | | 0.03 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.03 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.06 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.13 | | | 0.24 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.45 | | | 0.09 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.77 | | | 0.15 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.28 | | | 0.26 |
| | | 床(2階床 | 0.62×1.47 | 0.91 | | | 0.48 | | | 0.44 |
| | | 床(2階床 | 0.15×1.47 | 0.23 | | | 0.06 | | | 0.16 |
| | | 床(2階床 | 0.21×1.47 | 0.30 | | | 0.09 | | | 0.22 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.55 | | | 0.10 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.94 | | | 0.18 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.34 | | | 0.31 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.58 | | | 0.54 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.08 | | | 0.20 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 床(2階ホール | 0.21×1.47 | 0.31 | | | 0.03 | | | 0.28 |
| | | 床(2階ホール | 0.31×1.47 | 0.46 | | | 0.05 | | | 0.42 |
| | | 床積載 | 0.21×3.20 | 0.67 | | | 0.07 | | | 0.60 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.10 | | | 0.90 |
| | | | 計 | 13.95 | | | 6.27 | | | 7.69 |
| | Ｘ５- | 外壁 | 1.61×0.70 | 1.13 | 柱 | Ｘ５ | 0.56 | 柱 | | 0.56 |
| | Ｙ８ | 外壁 | 1.69×0.70 | 1.18 | | Ｙ８ | 0.59 | | Ｙ８ | 0.59 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 3.30 | | | 1.65 | | | 1.65 |
| | 又Ｘ５-又 | 外壁 | 1.27×0.70 | 0.89 | 柱 | 又Ｘ５ | 0.75 | 柱 | 又 | 0.14 |
| | Ｙ０ | 内壁 | 1.55×0.54 | 0.84 | | Ｙ０ | 0.70 | | Ｙ０ | 0.14 |
| | | 床(2階床 | 1.58×1.45 | 2.29 | | | 1.92 | | | 0.37 |
| | | 床積載 | 1.58×1.80 | 2.85 | | | 2.39 | | | 0.46 |
| | | 柱Ｘ５又 | ×0.154 | 0.36 | | | 0.30 | | | 0.06 |
| | | 柱Ｘ５又 | ×0.192 | 0.37 | | | 0.31 | | | 0.06 |
| | | 柱Ｘ５Ｙ１ | ×0.407 | 1.87 | | | 1.57 | | | 0.30 |
| | | 柱Ｙ１ | ×0.407 | 0.72 | | | 0.61 | | | 0.12 |
| | | 外壁 | 1.27×0.70 | 0.89 | | | 0.30 | | | 0.59 |
| | | 床(2階床 | 1.78×1.46 | 2.60 | | | 0.88 | | | 1.72 |
| | | 床積載 | 1.78×1.80 | 3.21 | | | 1.08 | | | 2.13 |
| | | 柱Ｙ１ | ×0.407 | 0.72 | | | 0.24 | | | 0.48 |
| | | 柱又Ｙ１ | ×0.286 | 2.12 | | | 0.72 | | | 1.41 |
| | | 軒先1 | 0.91×0.46 | 0.42 | | | 0.21 | | | 0.21 |
| | | 屋根1 | 2.00×0.53 | 1.06 | | | 0.53 | | | 0.53 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | | 計 | 23.58 | | | 13.69 | | | 9.89 |
| | 又Ｘ５ | 内壁 | 0.95×0.54 | 0.51 | 梁 | 又Ｘ５-又 | 0.16 | 梁 | Ｘ５-又Ｘ５ | 0.36 |
| | Ｙ０-Ｙ２ | 床(2階床 | 0.31×1.40 | 0.43 | | Ｙ０ | 0.13 | | Ｙ２ | 0.30 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.17 | | | 0.39 |
| | | 柱Ｘ５又 | ×0.500 | 1.18 | | | 0.36 | | | 0.82 |
| | | 内壁 | 0.95×0.54 | 0.51 | | | 0.20 | | | 0.32 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.17 | | | 0.27 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.22 | | | 0.34 |
| | | 柱Ｘ５又 | ×0.500 | 0.95 | | | 0.37 | | | 0.59 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 内壁 | 1.10×0.54 | 0.59 | | | 0.48 | | | 0.11 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.16 | | | 0.04 |
| | | 柱Ｘ５Ｙ１ | ×0.500 | 2.30 | | | 1.87 | | | 0.43 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X５ | 床(2階床 | 0.10×1.40 | 0.14 | 梁 | 又X５-又 | 0.12 | 梁 | X５-又X５ | 0.03 |
| | Y０-Y２ | 床積載 | 0.10×1.80 | 0.19 | | Y０ | 0.15 | | Y２ | 0.03 |
| | | 柱Y１ | ×0.500 | 0.89 | | | 0.72 | | | 0.17 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.06 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.08 | | | 0.45 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.11×1.47 | 0.16 | | | 0.12 | | | 0.04 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.29 | | | 0.25 |
| | | 床(2階床 | 0.05×1.47 | 0.08 | | | 0.03 | | | 0.05 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.10 | | | 0.55 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.15 | | | 0.05 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.35 | | | 0.30 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.03 | | | 0.06 |
| | | | 計 | 20.24 | | | 10.20 | | | 10.04 |
| | 又X５-又 | 柱Y１ | ×1.000 | 1.78 | 梁 | 又X５ | 0.89 | 梁 | 又 | 0.89 |
| | Y１ | 外壁 | 1.56×0.70 | 1.09 | | Y０-Y２ | 0.55 | | Y０-Y２ | 0.55 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 3.53 | | | 1.77 | | | 1.77 |
| | 又X５-又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又X５ | 0.14 | 梁 | 又 | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Y０-Y２ | 0.14 | | Y０-Y２ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又X５ | 内壁 | 1.14×0.54 | 0.62 | 梁 | X５-又X５ | 0.21 | 梁 | X５-又 | 0.41 |
| | Y２-Y３ | 床(2階床 | 0.36×1.40 | 0.50 | | Y２ | 0.17 | | Y３ | 0.34 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.22 | | | 0.43 |
| | | 柱X５ | ×0.500 | 1.27 | | | 0.42 | | | 0.84 |
| | | 床(2階床 | 0.15×1.40 | 0.22 | | | 0.04 | | | 0.18 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.72 | | | 0.72 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.34 | | | 0.17 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.05 | | | 0.23 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.93 | | | 0.93 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.43 | | | 0.22 |
| | | | 計 | 8.00 | | | 3.52 | | | 4.48 |
| | 又X５ | 床(2階床 | 0.15×1.40 | 0.22 | 梁 | X５-又 | 0.11 | 梁 | X５-X７ | 0.11 |
| | Y３- | 床(2階床 | 0.21×1.40 | 0.29 | | Y３ | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.16 | | | 0.58 | | | 0.58 |
| | 又X５ | 床(2階床 | 0.15×1.40 | 0.22 | 梁 | X５-X７ | 0.11 | 梁 | X５-X７ | 0.11 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.16 | | | 0.58 | | | 0.58 |
| | 又X５ | 床(2階床 | 0.15×1.40 | 0.22 | 梁 | X５-X７ | 0.11 | 梁 | X５-X７ | 0.11 |
| | -又Y４ | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | 又Y４ | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.16 | | | 0.58 | | | 0.58 |
| | 又X５ | 床(2階床 | 0.09×1.40 | 0.13 | 梁 | X５-X７ | 0.07 | 梁 | X５-X７ | 0.07 |
| | 又Y４-又 | 床(2階床 | 0.10×1.40 | 0.14 | | 又Y４ | 0.07 | | 又 | 0.07 |
| | | 床積載 | 0.09×1.80 | 0.17 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 0.63 | | | 0.31 | | | 0.31 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X５ | 床(2階床 | 0.13×1.40 | 0.18 | 梁 | X５-X７ | 0.09 | 梁 | X５-X７ | 0.09 |
| | 又- | 床(2階床 | 0.11×1.40 | 0.16 | | 又 | 0.08 | | | 0.08 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | | 計 | 0.78 | | | 0.39 | | | 0.39 |
| | 又X５-又 | 外壁 | 0.29×0.70 | 0.20 | 柱 | 又X５ | 0.12 | 柱 | 又 | 0.09 |
| | Y２ | 床(2階床 | 2.39×1.46 | 3.49 | | Y２ | 2.02 | | Y２ | 1.47 |
| | | 床積載 | 2.39×1.80 | 4.30 | | | 2.49 | | | 1.82 |
| | | 柱Y１ | ×0.093 | 0.17 | | | 0.10 | | | 0.07 |
| | | 柱又Y１ | ×0.065 | 0.48 | | | 0.28 | | | 0.20 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.84 | | | 0.61 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 1.08 | | | 0.79 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.14 | | | 1.31 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.18 | | | 1.69 |
| | | 外壁 | 0.29×0.70 | 0.20 | | | 0.02 | | | 0.18 |
| | | 床(2階床 | 2.39×1.46 | 3.49 | | | 0.33 | | | 3.16 |
| | | 床積載 | 2.39×1.80 | 4.30 | | | 0.41 | | | 3.89 |
| | | 柱又Y１ | ×0.121 | 0.89 | | | 0.09 | | | 0.81 |
| | | 内壁 | 3.30×0.54 | 1.78 | | | 0.89 | | | 0.89 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.22 | | | 0.06 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.22 | | | 0.06 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床(2階床 | 0.02×1.40 | 0.02 | | | 0.00 | | | 0.02 |
| | | 床(2階床 | 0.02×1.40 | 0.02 | | | 0.00 | | | 0.02 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.28 | | | 0.08 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.13 | | | 0.25 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.28 | | | 0.08 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.13 | | | 0.25 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.00 | | | 0.03 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.00 | | | 0.03 |
| | | | 計 | 28.67 | | | 10.44 | | | 18.23 |
| | - | 外壁 | 1.61×0.70 | 1.13 | 柱 | | 0.56 | 柱 | | 0.56 |
| | Y８ | 外壁 | 1.69×0.70 | 1.18 | | Y８ | 0.59 | | Y８ | 0.59 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 3.30 | | | 1.65 | | | 1.65 |
| | 又 | 外壁 | 0.78×0.70 | 0.55 | 梁 | 又X５-又 | 0.44 | 梁 | 又X５-又 | 0.10 |
| | Y０-Y２ | 床(2階床 | 0.10×1.40 | 0.14 | | Y０ | 0.12 | | Y２ | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 柱Y１ | ×0.500 | 0.89 | | | 0.72 | | | 0.17 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 柱又Y１ | ×0.352 | 2.61 | | | 2.12 | | | 0.48 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | | 計 | 18.20 | | | 9.55 | | | 8.65 |
| | 又-又 | 柱又Y１ | ×1.000 | 7.42 | 梁 | 又 | 2.61 | 梁 | 又 | 4.81 |
| | Y１ | 外壁 | 1.56×0.70 | 1.09 | | Y０-Y２ | 0.55 | | Y０-Y２ | 0.55 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又-又 | 床積載 | 0.21×1.80 | 0.37 | 梁 | 又 | 0.19 | 梁 | 又 | 0.19 |
| | Y1 | | 計 | 9.17 | | Y0-Y2 | 3.49 | | Y0-Y2 | 5.69 |
| | 又-又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又 | 0.14 | 梁 | 又 | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Y0-Y2 | 0.14 | | Y0-Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 1.03×1.40 | 1.45 | 梁 | 又X5-又 | 0.72 | 柱 | 又 | 0.72 |
| | Y2-Y3 | 床(2階床 | 1.03×1.40 | 1.45 | | Y2 | 0.72 | | Y3 | 0.72 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.93 | | | 0.93 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.93 | | | 0.93 |
| | | | 計 | 6.62 | | | 3.31 | | | 3.31 |
| | 又- | 柱又Y3 | ×1.000 | 5.31 | 柱 | 又 | 1.32 | 柱 | | 3.99 |
| | Y3 | 床(2階床 | 0.21×1.40 | 0.29 | | Y3 | 0.10 | | Y3 | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.48 | | | 0.97 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.62 | | | 1.24 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 1.71×0.54 | 0.92 | | | 0.58 | | | 0.35 |
| | | 内壁 | 0.57×0.54 | 0.31 | | | 0.04 | | | 0.27 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.02 | | | 0.12 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.25 | | | 0.12 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.03 | | | 0.16 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.29 | | | 0.14 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.02 | | | 0.12 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.37 | | | 0.19 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.03 | | | 0.16 |
| | | | 計 | 14.13 | | | 5.12 | | | 9.01 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | X5-X7 | 0.04 | 梁 | X5-X7 | 0.04 |
| | -又 | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | 又 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.33 | | | 0.17 | | | 0.17 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X5-X7 | 0.14 | 柱 | | 0.14 |
| | 又-Y8 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | Y8 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | -X6 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | | 0.06 | 柱 | X6 | 0.23 |
| | Y8 | 床積載 | 0.21×1.80 | 0.37 | | Y8 | 0.07 | | Y8 | 0.30 |
| | | 外壁 | 4.03×0.70 | 2.82 | | | 1.41 | | | 1.41 |
| | | 外壁 | 4.21×0.70 | 2.95 | | | 1.47 | | | 1.47 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.52 | | | 0.35 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.67 | | | 0.45 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.02 | | | 0.17 |
| | | | 計 | 8.75 | | | 4.24 | | | 4.51 |
| | 又-又 | 外壁 | 1.27×0.70 | 0.89 | 柱 | 又 | 0.75 | 柱 | 又 | 0.14 |
| | Y0 | 床(2階床 | 1.78×1.46 | 2.60 | | Y0 | 2.18 | | Y0 | 0.42 |
| | | 床積載 | 1.78×1.80 | 3.21 | | | 2.69 | | | 0.52 |
| | | 柱又Y1 | ×0.528 | 3.91 | | | 3.28 | | | 0.63 |
| | | 外壁 | 1.27×0.70 | 0.89 | | | 0.30 | | | 0.59 |
| | | 床(2階床 | 1.78×1.46 | 2.60 | | | 0.88 | | | 1.72 |
| | | 床積載 | 1.78×1.80 | 3.21 | | | 1.08 | | | 2.13 |
| | | 軒先1 | 0.91×0.46 | 0.42 | | | 0.21 | | | 0.21 |
| | | 屋根1 | 2.00×0.53 | 1.06 | | | 0.53 | | | 0.53 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | | 計 | 21.15 | | | 13.08 | | | 8.08 |
| | 又 | 外壁 | 0.78×0.70 | 0.55 | 梁 | 又-又 | 0.44 | 梁 | 又X5-又 | 0.10 |
| | Y0-Y2 | 床(2階床 | 0.10×1.40 | 0.14 | | Y0 | 0.12 | | Y2 | 0.03 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又 | 床積載 | 0.10×1.80 | 0.19 | 梁 | 又-又 | 0.15 | 梁 | 又X５-又 | 0.03 |
| | Ｙ０-Ｙ２ | 柱又Ｙ１ | ×0.648 | 4.81 | | Ｙ０ | 3.91 | | Ｙ２ | 0.89 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | | 計 | 19.51 | | | 10.61 | | | 8.90 |
| | 又-又 | 外壁 | 1.56×0.70 | 1.09 | 梁 | 又 | 0.55 | 梁 | 又 | 0.55 |
| | Ｙ１ | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ０-Ｙ２ | 0.14 | | Ｙ０-Ｙ２ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.76 | | | 0.88 | | | 0.88 |
| | 又-又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又 | 0.14 | 梁 | 又 | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ０-Ｙ２ | 0.14 | | Ｙ０-Ｙ２ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又X５-又 | 0.10 | 梁 | 又- | 0.19 |
| | Ｙ２-Ｙ３ | 床積載 | 0.21×1.80 | 0.37 | | Ｙ２ | 0.12 | | Ｙ３ | 0.25 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.72 | | | 0.72 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.05 | | | 0.24 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.58 | | | 0.29 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.93 | | | 0.93 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.06 | | | 0.31 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.75 | | | 0.37 |
| | | | 計 | 6.62 | | | 3.31 | | | 3.31 |
| | 又-又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又 | 0.14 | 梁 | 又 | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ２-Ｙ３ | 0.14 | | Ｙ２-Ｙ３ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又- | 0.14 | 梁 | Ｘ５-Ｘ７ | 0.14 |
| | Ｙ３- | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ３ | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ５-Ｘ７ | 0.14 | 梁 | Ｘ５-Ｘ７ | 0.14 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | Ｘ５-Ｘ７ | 0.14 | 梁 | Ｘ５-Ｘ７ | 0.14 |
| | -又Ｙ４ | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | 又Ｙ４ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.10×1.40 | 0.14 | 梁 | Ｘ５-Ｘ７ | 0.07 | 梁 | Ｘ５-Ｘ７ | 0.07 |
| | 又Ｙ４-又 | 床(2階床 | 0.10×1.40 | 0.14 | | 又Ｙ４ | 0.07 | | 又 | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 0.66 | | | 0.33 | | | 0.33 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又 | 床(2階床 | 0.13×1.40 | 0.18 | 梁 | X5-X7 | 0.09 | 梁 | X5-X7 | 0.09 |
| | 又- | 床(2階床 | 0.13×1.40 | 0.18 | | 又 | 0.09 | | | 0.09 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | | 計 | 0.84 | | | 0.42 | | | 0.42 |
| | 又-X6 | 外壁 | 0.29×0.70 | 0.20 | 柱 | 又 | 0.11 | 柱 | X6 | 0.09 |
| | Y2 | 床(2階床 | 2.39×1.46 | 3.49 | | Y2 | 1.94 | | Y2 | 1.56 |
| | | 床積載 | 2.39×1.80 | 4.30 | | | 2.39 | | | 1.92 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.80 | | | 0.65 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 1.03 | | | 0.83 |
| | | 内壁 | 2.87×0.54 | 1.55 | | | 0.78 | | | 0.78 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.21 | | | 0.06 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.21 | | | 0.06 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.27 | | | 0.08 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.27 | | | 0.08 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.10 | | | 0.27 |
| | | | 計 | 15.41 | | | 8.37 | | | 7.04 |
| | -X6 | 床(2階床 | 1.03×1.40 | 1.45 | 柱 | | 0.97 | 柱 | X6 | 0.48 |
| | Y3 | 床積載 | 1.03×1.80 | 1.86 | | Y3 | 1.24 | | Y3 | 0.62 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 2.28×0.54 | 1.23 | | | 0.62 | | | 0.62 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.02 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.16 | | | 0.03 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 床(2階床 | 0.52×1.40 | 0.72 | | | 0.36 | | | 0.36 |
| | | 床積載 | 0.52×1.80 | 0.93 | | | 0.47 | | | 0.47 |
| | | | 計 | 8.48 | | | 4.79 | | | 3.69 |
| | 又 | 外壁 | 0.78×0.70 | 0.55 | 梁 | 又-又 | 0.44 | 梁 | 又-X6 | 0.10 |
| | Y0-Y2 | 床(2階床 | 0.10×1.40 | 0.14 | | Y0 | 0.12 | | Y2 | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | | 計 | 14.70 | | | 6.70 | | | 8.00 |
| | 又-X6 | 外壁 | 1.56×0.70 | 1.09 | 梁 | 又 | 0.55 | 梁 | X6 | 0.55 |
| | Y1 | 床(2階床 | 0.21×1.40 | 0.29 | | Y0-Y2 | 0.14 | | Y0-Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.76 | | | 0.88 | | | 0.88 |
| | 又-X6 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又 | 0.14 | 梁 | X6 | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Y0-Y2 | 0.14 | | Y0-Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又-X6 | 0.10 | 梁 | -X6 | 0.19 |
| | Y2-Y3 | 床積載 | 0.21×1.80 | 0.37 | | Y2 | 0.12 | | Y3 | 0.25 |

| 梁 | | 荷重項目 | | | 受材1 | | | 受材2 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | P0 | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又-X6 | 0.05 | 梁 | -X6 | 0.24 |
| | Y2-Y3 | 床(2階床 | 1.03×1.40 | 1.45 | | Y2 | 0.72 | | Y3 | 0.72 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.58 | | | 0.29 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.06 | | | 0.31 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.93 | | | 0.93 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.75 | | | 0.37 |
| | | | 計 | 6.62 | | | 3.31 | | | 3.31 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | 梁 | X5-X7 | 0.04 | 梁 | X5-X7 | 0.04 |
| | -又 | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | 又 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.33 | | | 0.17 | | | 0.17 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X5-X7 | 0.14 | 梁 | -X6 | 0.14 |
| | 又-Y8 | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | Y8 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又-又 | 外壁 | 1.27×0.70 | 0.89 | 柱 | 又 | 0.70 | 柱 | 又 | 0.19 |
| | Y0 | 床(2階床 | 1.78×1.46 | 2.60 | | Y0 | 2.04 | | Y0 | 0.56 |
| | | 床積載 | 1.78×1.80 | 3.21 | | | 2.52 | | | 0.69 |
| | | 柱又X6Y1 | ×0.286 | 2.30 | | | 1.80 | | | 0.50 |
| | | 外壁 | 1.27×0.70 | 0.89 | | | 0.10 | | | 0.79 |
| | | 床(2階床 | 1.78×1.46 | 2.60 | | | 0.30 | | | 2.29 |
| | | 床積載 | 1.78×1.80 | 3.21 | | | 0.38 | | | 2.83 |
| | | 柱又X6Y1 | ×0.528 | 4.24 | | | 0.50 | | | 3.74 |
| | | 軒先1 | 0.68×0.46 | 0.31 | | | 0.16 | | | 0.16 |
| | | 屋根1 | 1.50×0.53 | 0.80 | | | 0.40 | | | 0.40 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 0.88 | | | 0.88 |
| | | | 計 | 22.82 | | | 9.78 | | | 13.04 |
| | X6 | 外壁 | 0.78×0.70 | 0.55 | 梁 | 又-又 | 0.44 | 柱 | X6 | 0.10 |
| | Y0-Y2 | 床(2階床 | 0.10×1.40 | 0.14 | | Y0 | 0.12 | | Y2 | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 柱又X6Y1 | ×0.352 | 2.83 | | | 2.30 | | | 0.53 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | | 計 | 17.53 | | | 9.00 | | | 8.53 |
| | X6- | 柱又X6Y1 | ×1.000 | 8.04 | 梁 | X6 | 2.83 | 梁 | | 5.21 |
| | Y1 | 外壁 | 1.56×0.70 | 1.09 | | Y0-Y2 | 0.55 | | Y0-Y2 | 0.55 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 9.79 | | | 3.70 | | | 6.09 |
| | X6- | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X6 | 0.14 | 梁 | | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Y0-Y2 | 0.14 | | Y0-Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | X6 | 内壁 | 2.00×0.54 | 1.08 | 柱 | X6 | 0.54 | 柱 | X6 | 0.54 |
| | Y2-又 | 床(2階床 | 0.41×1.40 | 0.58 | | Y2 | 0.29 | | 又 | 0.29 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X6 | 床(2階床 | 0.41×1.40 | 0.58 | 柱 | X6 | 0.29 | 柱 | X6 | 0.29 |
| | Y2-又 | 床積載 | 0.41×1.80 | 0.75 | | Y2 | 0.37 | | 又 | 0.37 |
| | | 床積載 | 0.41×1.80 | 0.75 | | | 0.37 | | | 0.37 |
| | | | 計 | 3.74 | | | 1.87 | | | 1.87 |
| | X6-又 | 外壁 | 0.29×0.70 | 0.20 | 柱 | X6 | 0.05 | 柱 | 又 | 0.15 |
| | Y2 | 床(2階床 | 2.39×1.46 | 3.49 | | Y2 | 0.94 | | Y2 | 2.55 |
| | | 床積載 | 2.39×1.80 | 4.30 | | | 1.16 | | | 3.15 |
| | | 柱又X6Y1 | ×0.121 | 0.97 | | | 0.26 | | | 0.71 |
| | | 床(2階床 | 0.93×1.40 | 1.30 | | | 0.35 | | | 0.95 |
| | | 床積載 | 0.93×1.80 | 1.67 | | | 0.45 | | | 1.22 |
| | | 内壁 | 2.18×0.54 | 1.18 | | | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.06×1.40 | 0.08 | | | 0.01 | | | 0.07 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.18 | | | 0.11 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.18 | | | 0.11 |
| | | 床(2階床 | 0.06×1.40 | 0.08 | | | 0.01 | | | 0.07 |
| | | 床積載 | 0.06×1.80 | 0.10 | | | 0.01 | | | 0.09 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.24 | | | 0.14 |
| | | 床積載 | 0.06×1.80 | 0.10 | | | 0.01 | | | 0.09 |
| | | | 計 | 14.81 | | | 4.69 | | | 10.11 |
| | X6 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X6 | 0.17 | 柱 | X6 | 0.12 |
| | 又-Y3 | 床積載 | 0.21×1.80 | 0.37 | | 又 | 0.21 | | Y3 | 0.16 |
| | | 内壁 | 2.79×0.54 | 1.50 | | | 0.75 | | | 0.75 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.43 | | | 0.43 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.23 | | | 0.06 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.56 | | | 0.56 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.11 | | | 0.27 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.29 | | | 0.08 |
| | | | 計 | 5.47 | | | 2.83 | | | 2.64 |
| | X6- | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X6 | 0.14 | 梁 | | 0.14 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | 又-Y3 | 0.14 | | Y2-Y3 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | X6 | 床(2階床 | 0.21×1.40 | 0.29 | 柱 | X6 | 0.14 | 梁 | X5-X7 | 0.14 |
| | Y3- | 床(2階床 | 0.21×1.40 | 0.29 | | Y3 | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | X6-X7 | 柱又X6Y3 | ×1.000 | 7.75 | 柱 | X6 | 7.20 | 柱 | X7 | 0.56 |
| | Y3 | 床(2階床 | 0.93×1.40 | 1.30 | | Y3 | 0.56 | | Y3 | 0.74 |
| | | 床積載 | 0.93×1.80 | 1.67 | | | 0.72 | | | 0.95 |
| | | 内壁 | 2.80×0.54 | 1.51 | | | 0.76 | | | 0.76 |
| | | 内壁 | 0.19×0.54 | 0.10 | | | 0.10 | | | 0.00 |
| | | 内壁 | 2.48×0.54 | 1.34 | | | 0.62 | | | 0.72 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.21 | | | 0.08 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.04 | | | 0.13 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.27 | | | 0.11 |
| | | 床積載 | 0.12×1.80 | 0.21 | | | 0.05 | | | 0.17 |
| | | 床(2階床 | 0.52×1.40 | 0.73 | | | 0.36 | | | 0.36 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.47 | | | 0.47 |
| | | | 計 | 16.39 | | | 11.35 | | | 5.05 |
| | X6 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X5-X7 | 0.14 | 梁 | X5-X7 | 0.14 |
| | - | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | X6 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X5-X7 | 0.14 | 梁 | X5-X7 | 0.14 |
| | -又Y4 | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.14 | | 又Y4 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X6 | 床積載 | 0.21×1.80 | 0.37 | 梁 | X5-X7 | 0.19 | 梁 | X5-X7 | 0.19 |
| | -又Y4 | | 計 | 1.32 | | | 0.66 | | 又Y4 | 0.66 |
| | X6 | 床(2階床 | 0.10×1.40 | 0.14 | 梁 | X5-X7 | 0.07 | 梁 | X5-X7 | 0.07 |
| | 又Y4-又 | 床(2階床 | 0.10×1.40 | 0.14 | | 又Y4 | 0.07 | | 又 | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 0.66 | | | 0.33 | | | 0.33 |
| | X6 | 床(2階床 | 0.13×1.40 | 0.18 | 梁 | X5-X7 | 0.09 | 梁 | X5-X7 | 0.09 |
| | 又- | 床(2階床 | 0.13×1.40 | 0.18 | | 又 | 0.09 | | | 0.09 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | | 計 | 0.84 | | | 0.42 | | | 0.42 |
| | X6- | 内壁 | 1.52×0.54 | 0.82 | 柱 | X6 | 0.41 | 柱 | | 0.41 |
| | Y8 | 床(2階床 | 0.10×1.40 | 0.14 | | Y8 | 0.07 | | Y8 | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.09 | | | 0.09 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.17 | | | 0.17 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.11 | | | 0.04 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.14 | | | 0.05 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.11 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.08 | | | 0.25 |
| | | | 計 | 4.74 | | | 2.34 | | | 2.41 |
| | 又X6 | 床(2階ホール | 0.31×1.40 | 0.44 | 梁 | X5-X7 | 0.05 | 梁 | X5-X7 | 0.38 |
| | - | 床積載 | 0.31×3.20 | 1.00 | | | 0.13 | | | 0.88 |
| | | 床(2階ホール | 0.31×1.40 | 0.44 | | | 0.11 | | | 0.33 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.25 | | | 0.75 |
| | | 床(2階ホール | 0.31×1.40 | 0.44 | | | 0.16 | | | 0.27 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.38 | | | 0.63 |
| | | 床(2階ホール | 0.32×1.40 | 0.44 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.32×3.20 | 1.01 | | | 0.51 | | | 0.51 |
| | | 内壁 | 0.96×0.54 | 0.52 | | | 0.33 | | | 0.19 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.14 | | | 0.08 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.17 | | | 0.10 |
| | | 床(2階ホール | 0.16×1.40 | 0.22 | | | 0.14 | | | 0.08 |
| | | 床積載 | 0.16×3.20 | 0.51 | | | 0.32 | | | 0.19 |
| | | 床(2階床 | 0.31×1.40 | 0.44 | | | 0.38 | | | 0.05 |
| | | 床積載 | 0.31×1.80 | 0.57 | | | 0.49 | | | 0.07 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.33 | | | 0.11 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.42 | | | 0.14 |
| | | 内壁 | 15.38×0.54 | 8.31 | | | 2.63 | | | 5.68 |
| | | 内壁 | 8.94×0.54 | 4.83 | | | 3.94 | | | 0.89 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.30 | | | 0.02 |
| | | 床(2階床 | 0.21×1.55 | 0.32 | | | 0.26 | | | 0.06 |
| | | 床(2階床 | 0.18×1.55 | 0.28 | | | 0.20 | | | 0.09 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.35 | | | 0.02 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.30 | | | 0.07 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.23 | | | 0.10 |
| | | 床(2階ホール | 0.21×1.55 | 0.32 | | | 0.02 | | | 0.30 |
| | | 床(2階ホール | 0.23×1.55 | 0.36 | | | 0.20 | | | 0.16 |
| | | 床(2階ホール | 0.21×1.55 | 0.32 | | | 0.14 | | | 0.18 |
| | | 床(2階ホール | 0.21×1.55 | 0.32 | | | 0.10 | | | 0.22 |
| | | 床(2階ホール | 0.21×1.55 | 0.32 | | | 0.06 | | | 0.26 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.04 | | | 0.62 |
| | | 床積載 | 0.23×3.20 | 0.74 | | | 0.42 | | | 0.32 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.29 | | | 0.37 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.21 | | | 0.46 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.12 | | | 0.54 |
| | | | 計 | 29.70 | | | 14.35 | | | 15.35 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X６-X７ | 床(2階床 | 0.31×1.40 | 0.44 | 梁 | 又X６ | 0.22 | 梁 | X７ | 0.22 |
| | | 床(2階床 | 0.31×1.40 | 0.44 | | - | 0.22 | | 又-又 | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.57 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.31×1.80 | 0.57 | | | 0.28 | | | 0.28 |
| | | | 計 | 2.01 | | | 1.00 | | | 1.00 |
| | 又X６-X７ | 床(2階床 | 0.31×1.40 | 0.44 | 梁 | 又X６ | 0.22 | 梁 | X７ | 0.22 |
| | Y５ | 床(2階床 | 0.31×1.40 | 0.43 | | - | 0.21 | | 又-又Y５ | 0.21 |
| | | 床積載 | 0.31×1.80 | 0.57 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.28 | | | 0.28 |
| | | | 計 | 1.99 | | | 0.99 | | | 0.99 |
| | 又X６-X７ | 内壁 | 1.91×0.54 | 1.03 | 梁 | 又X６ | 0.52 | 柱 | X７ | 0.52 |
| | 又Y５ | 床(2階床 | 0.31×1.40 | 0.43 | | - | 0.21 | | 又Y５ | 0.21 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.28 | | | 0.28 |
| | | 床(2階ホール | 0.32×1.40 | 0.45 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.32×3.20 | 1.02 | | | 0.51 | | | 0.51 |
| | | | 計 | 3.48 | | | 1.74 | | | 1.74 |
| | 又X６-X７ | 床(2階ホール | 0.32×1.40 | 0.45 | 梁 | 又X６ | 0.22 | 梁 | X７ | 0.22 |
| | | 床(2階ホール | 0.31×1.40 | 0.44 | | - | 0.22 | | 又Y５-又 | 0.22 |
| | | 床積載 | 0.32×3.20 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 2.92 | | | 1.46 | | | 1.46 |
| | 又X６-X７ | 床(2階ホール | 0.31×1.40 | 0.44 | 梁 | 又X６ | 0.22 | 梁 | X７ | 0.22 |
| | Y６ | 床(2階ホール | 0.31×1.40 | 0.44 | | - | 0.22 | | 又-又Y６ | 0.22 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 2.89 | | | 1.44 | | | 1.44 |
| | 又X６-X７ | 床(2階ホール | 0.31×1.40 | 0.44 | 梁 | 又X６ | 0.22 | 梁 | X７ | 0.22 |
| | | 床(2階ホール | 0.31×1.40 | 0.44 | | - | 0.22 | | 又Y６-又 | 0.22 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 2.89 | | | 1.44 | | | 1.44 |
| | 又X６-X７ | 床(2階ホール | 0.31×1.40 | 0.44 | 梁 | 又X６ | 0.22 | 梁 | X７ | 0.22 |
| | Y７ | 床(2階ホール | 0.31×1.40 | 0.44 | | - | 0.22 | | 又Y６-又 | 0.22 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 2.89 | | | 1.44 | | | 1.44 |
| | 又X６ | 内壁 | 1.52×0.54 | 0.82 | 梁 | X５-X７ | 0.41 | 梁 | X５-X７ | 0.41 |
| | -又 | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | 又 | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床(2階ホール | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×3.20 | 0.17 | | | 0.08 | | | 0.08 |
| | | | 計 | 1.22 | | | 0.61 | | | 0.61 |
| | 又X６ | 内壁 | 3.04×0.54 | 1.64 | 梁 | X５-X７ | 0.82 | 梁 | X６- | 0.82 |
| | 又-Y８ | 床(2階床 | 0.21×1.40 | 0.29 | | 又 | 0.14 | | Y８ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.33 | | | 0.33 |
| | | | 計 | 3.26 | | | 1.63 | | | 1.63 |
| | | 外壁 | 0.78×0.70 | 0.55 | 梁 | 又-又 | 0.44 | 梁 | X６-又 | 0.10 |
| | Y０-Y２ | 床(2階床 | 0.10×1.40 | 0.14 | | Y０ | 0.12 | | Y２ | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 柱又X６Y１ | ×0.648 | 5.21 | | | 4.24 | | | 0.97 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | | 床(2階床 | 0.95×1.47 | 1.39 | 梁 | 又-又 | 0.84 | 梁 | X6-又 | 0.56 |
| | Y0-Y2 | 床(2階床 | 0.83×1.47 | 1.22 | | Y0 | 0.23 | | Y2 | 0.98 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | | 計 | 19.91 | | | 10.94 | | | 8.97 |
| | -又X7 | 外壁 | 1.56×0.70 | 1.09 | 梁 | | 0.55 | 梁 | 又X7 | 0.55 |
| | Y1 | 床(2階床 | 0.21×1.40 | 0.29 | | Y0-Y2 | 0.14 | | Y0-Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.76 | | | 0.88 | | | 0.88 |
| | -又X7 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | | 0.14 | 梁 | 又X7 | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Y0-Y2 | 0.14 | | Y0-Y2 | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | X6-又 | 0.10 | 梁 | X6-X7 | 0.19 |
| | Y2-Y3 | 床積載 | 0.21×1.80 | 0.37 | | Y2 | 0.12 | | Y3 | 0.25 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.05 | | | 0.24 |
| | | 床(2階床 | 0.82×1.40 | 1.15 | | | 0.58 | | | 0.58 |
| | | 床(2階床 | 0.62×1.40 | 0.87 | | | 0.58 | | | 0.29 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.06 | | | 0.31 |
| | | 床積載 | 0.82×1.80 | 1.48 | | | 0.74 | | | 0.74 |
| | | 床積載 | 0.62×1.80 | 1.12 | | | 0.75 | | | 0.37 |
| | | | 計 | 5.95 | | | 2.97 | | | 2.97 |
| | -X7 | 外壁 | 1.22×0.70 | 0.86 | 柱 | | 0.43 | 柱 | X7 | 0.43 |
| | Y8 | 外壁 | 1.28×0.70 | 0.89 | | Y8 | 0.45 | | Y8 | 0.45 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.21×3.20 | 0.67 | | | 0.34 | | | 0.34 |
| | | | 計 | 2.72 | | | 1.36 | | | 1.36 |
| | 又-又X7 | 外壁 | 1.27×0.70 | 0.89 | 柱 | 又 | 0.34 | 柱 | 又X7 | 0.55 |
| | Y0 | 床(2階床 | 1.78×1.46 | 2.60 | | Y0 | 0.98 | | Y0 | 1.62 |
| | | 床積載 | 1.78×1.80 | 3.21 | | | 1.21 | | | 2.00 |
| | | 軒先1 | 0.60×0.46 | 0.28 | | | 0.14 | | | 0.14 |
| | | 屋根1 | 1.33×0.53 | 0.70 | | | 0.35 | | | 0.35 |
| | | 外壁 | 2.23×0.70 | 1.56 | | | 0.78 | | | 0.78 |
| | | | 計 | 9.24 | | | 3.80 | | | 5.44 |
| | 又-X7 | 内壁 | 0.62×0.54 | 0.34 | 柱 | 又 | 0.17 | 柱 | X7 | 0.17 |
| | Y2 | 床(2階床 | 0.06×1.40 | 0.09 | | Y2 | 0.04 | | Y2 | 0.04 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.06×1.80 | 0.11 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.11 | | | 0.11 |
| | | | 計 | 0.94 | | | 0.47 | | | 0.47 |
| | X7 | 内壁 | 1.59×0.54 | 0.86 | 柱 | X7 | 0.43 | 柱 | X7 | 0.43 |
| | Y2- | 床(2階床 | 0.25×1.40 | 0.36 | | Y2 | 0.18 | | | 0.18 |
| | | 床(2階床 | 0.09×1.40 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.25×1.80 | 0.46 | | | 0.23 | | | 0.23 |
| | | 床積載 | 0.09×1.80 | 0.17 | | | 0.08 | | | 0.08 |
| | | | 計 | 1.98 | | | 0.99 | | | 0.99 |
| | X7-又 | 外壁 | 0.29×0.70 | 0.20 | 柱 | X7 | 0.17 | 柱 | 又 | 0.03 |
| | Y2 | 床(2階床 | 2.39×1.46 | 3.49 | | Y2 | 2.95 | | Y2 | 0.55 |
| | | 床積載 | 2.39×1.80 | 4.30 | | | 3.63 | | | 0.68 |
| | | 外壁 | 0.36×0.70 | 0.25 | | | 0.05 | | | 0.21 |
| | | 床(2階床 | 2.37×1.45 | 3.44 | | | 0.66 | | | 2.78 |
| | | 床積載 | 2.37×1.80 | 4.27 | | | 0.82 | | | 3.45 |
| | | 柱又Y1 | ×0.186 | 1.04 | | | 0.20 | | | 0.84 |
| | | 床(2階床 | 0.66×1.40 | 0.93 | | | 0.78 | | | 0.15 |
| | | 床積載 | 0.66×1.80 | 1.19 | | | 1.00 | | | 0.19 |
| | | 床(2階床 | 1.02×1.40 | 1.42 | | | 0.27 | | | 1.15 |
| | | 床積載 | 1.02×1.80 | 1.83 | | | 0.35 | | | 1.48 |
| | | 内壁 | 2.45×0.54 | 1.32 | | | 0.66 | | | 0.66 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ７-又 | 床(2階床 | 0.01×1.40 | 0.02 | 柱 | Ｘ７ | 0.02 | 柱 | 又 | 0.00 |
| | Ｙ２ | 床(2階床 | 0.04×1.40 | 0.05 | | Ｙ２ | 0.00 | | Ｙ２ | 0.05 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.15 | | | 0.14 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.03 | | | 0.00 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.15 | | | 0.14 |
| | | 床(2階床 | 0.04×1.40 | 0.05 | | | 0.00 | | | 0.05 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.02 | | | 0.00 |
| | | 床積載 | 0.04×1.80 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.18 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.04 | | | 0.00 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.18 |
| | | 床積載 | 0.04×1.80 | 0.07 | | | 0.01 | | | 0.06 |
| | | | 計 | 25.38 | | | 12.37 | | | 13.01 |
| | Ｘ７ | 内壁 | 3.19×0.54 | 1.72 | 柱 | Ｘ７ | 0.86 | 柱 | Ｘ７ | 0.86 |
| | -Ｙ３ | 床(2階床 | 0.57×1.40 | 0.80 | | | 0.40 | | Ｙ３ | 0.40 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.57×1.80 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | | 計 | 4.16 | | | 2.08 | | | 2.08 |
| | Ｘ７ | 床(2階床 | 0.51×1.40 | 0.72 | 柱 | Ｘ７ | 0.14 | 柱 | Ｘ７ | 0.58 |
| | Ｙ３-又 | 床積載 | 0.51×1.80 | 0.92 | | Ｙ３ | 0.17 | | 又 | 0.75 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | | 0.37 | | | 0.44 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.48 | | | 0.56 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | | 0.59 | | | 0.22 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.76 | | | 0.28 |
| | | 床(2階床 | 2.38×1.46 | 3.47 | | | 2.53 | | | 0.94 |
| | | 床積載 | 2.38×1.80 | 4.29 | | | 3.13 | | | 1.16 |
| | | 床(2階床 | 2.38×1.46 | 3.47 | | | 1.60 | | | 1.87 |
| | | 床積載 | 2.38×1.80 | 4.29 | | | 1.97 | | | 2.32 |
| | | 床(2階床 | 2.05×1.46 | 2.99 | | | 0.57 | | | 2.42 |
| | | 床積載 | 2.05×1.80 | 3.69 | | | 0.70 | | | 2.99 |
| | | 内壁 | 5.90×0.54 | 3.19 | | | 1.59 | | | 1.59 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.25 | | | 0.04 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.25 | | | 0.04 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.02 | | | 0.17 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.02 | | | 0.17 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.32 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.32 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | | 計 | 35.35 | | | 17.03 | | | 18.32 |
| | Ｘ７-又Ｘ７ | 床(2階床 | 0.66×1.40 | 0.93 | 柱 | Ｘ７ | 0.11 | 柱 | 又Ｘ７ | 0.82 |
| | Ｙ３ | 床積載 | 0.66×1.80 | 1.19 | | Ｙ３ | 0.14 | | Ｙ３ | 1.05 |
| | | 内壁 | 0.44×0.54 | 0.24 | | | 0.12 | | | 0.12 |
| | | 内壁 | 0.42×0.54 | 0.23 | | | 0.11 | | | 0.11 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.02 | | | 0.02 |
| | | 床積載 | 0.03×1.80 | 0.06 | | | 0.03 | | | 0.03 |
| | | | 計 | 2.72 | | | 0.56 | | | 2.16 |
| | Ｘ７-Ｘ８ | 床(2階床 | 0.58×1.40 | 0.81 | 梁 | Ｘ７ | 0.40 | 梁 | Ｘ８ | 0.40 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | Ｙ３-又 | 0.40 | | Ｙ３-又 | 0.40 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.52 | | | 0.52 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X7-X8 | 床積載 | 0.58×1.80 | 1.04 | 梁 | X7 | 0.52 | 梁 | X8 | 0.52 |
| | | | 計 | 3.68 | | Y3-又 | 1.84 | | Y3-又 | 1.84 |
| | X7-X8 | 床(2階床 | 0.58×1.40 | 0.81 | 梁 | X7 | 0.40 | 梁 | X8 | 0.40 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | Y3-又 | 0.40 | | Y3-又 | 0.40 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.52 | | | 0.52 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.52 | | | 0.52 |
| | | | 計 | 3.68 | | | 1.84 | | | 1.84 |
| | X7-X8 | 床(2階床 | 0.45×1.40 | 0.63 | 梁 | X7 | 0.31 | 梁 | X8 | 0.31 |
| | 又Y4 | 床(2階床 | 0.58×1.40 | 0.81 | | Y3-又 | 0.40 | | Y3-又 | 0.40 |
| | | 床積載 | 0.45×1.80 | 0.81 | | | 0.40 | | | 0.40 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.52 | | | 0.52 |
| | | | 計 | 3.28 | | | 1.64 | | | 1.64 |
| | X7 | 床(2階床 | 0.31×1.40 | 0.44 | 柱 | X7 | 0.04 | 柱 | X7 | 0.39 |
| | 又-又 | 床積載 | 0.31×1.80 | 0.57 | | 又 | 0.06 | | 又 | 0.51 |
| | | 内壁 | 16.27×0.54 | 8.79 | | | 5.29 | | | 3.50 |
| | | 床(2階床 | 2.13×1.46 | 3.11 | | | 1.87 | | | 1.24 |
| | | 床積載 | 2.13×1.80 | 3.83 | | | 2.30 | | | 1.52 |
| | | 床(2階ホール | 0.67×1.46 | 0.97 | | | 0.59 | | | 0.39 |
| | | 床積載 | 0.67×3.20 | 2.13 | | | 1.28 | | | 0.85 |
| | | 内壁 | 3.19×0.54 | 1.72 | | | 0.86 | | | 0.86 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.13 | | | 0.13 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.15 | | | 0.04 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.10 | | | 0.19 |
| | | 床(2階床 | 0.02×1.40 | 0.02 | | | 0.00 | | | 0.02 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.17 | | | 0.17 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.19 | | | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.13 | | | 0.24 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.00 | | | 0.03 |
| | | | 計 | 23.30 | | | 13.17 | | | 10.13 |
| | X7-又X7 | 内壁 | 0.39×0.54 | 0.21 | 柱 | X7 | 0.10 | 柱 | 又X7 | 0.10 |
| | 又 | 床(2階床 | 0.02×1.40 | 0.03 | | 又 | 0.02 | | 又 | 0.02 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.02 | | | 0.02 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.01 | | | 0.01 |
| | | | 計 | 0.32 | | | 0.16 | | | 0.16 |
| | X7 | 床(2階床 | 0.31×1.40 | 0.43 | 柱 | X7 | 0.24 | 柱 | X7 | 0.20 |
| | 又-又Y5 | 床積載 | 0.31×1.80 | 0.56 | | 又 | 0.30 | | 又Y5 | 0.26 |
| | | 床(2階床 | 0.60×1.40 | 0.85 | | | 0.46 | | | 0.39 |
| | | 床積載 | 0.60×1.80 | 1.09 | | | 0.59 | | | 0.50 |
| | | 内壁 | 2.77×0.54 | 1.49 | | | 0.75 | | | 0.75 |
| | | 床(2階床 | 0.07×1.40 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.20 | | | 0.06 |
| | | 床(2階床 | 0.08×1.40 | 0.11 | | | 0.03 | | | 0.08 |
| | | 床(2階床 | 0.18×1.40 | 0.26 | | | 0.07 | | | 0.19 |
| | | 床積載 | 0.07×1.80 | 0.12 | | | 0.09 | | | 0.03 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.26 | | | 0.08 |
| | | 床積載 | 0.08×1.80 | 0.15 | | | 0.04 | | | 0.11 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.09 | | | 0.24 |
| | | | 計 | 6.09 | | | 3.20 | | | 2.90 |
| | X7-又X7 | 内壁 | 0.39×0.54 | 0.21 | 柱 | X7 | 0.10 | 柱 | 又X7 | 0.10 |
| | 又 | 床(2階床 | 0.01×1.40 | 0.02 | | 又 | 0.01 | | 又 | 0.01 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.01 | | | 0.01 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.01 | | | 0.01 |
| | | | 計 | 0.29 | | | 0.14 | | | 0.14 |
| | X7-X8 | 床(2階床 | 0.13×1.40 | 0.19 | 梁 | X7 | 0.16 | 梁 | X8 | 0.02 |
| | Y5 | 床積載 | 0.13×1.80 | 0.24 | | 又-又Y5 | 0.21 | | 又-又Y5 | 0.03 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.02 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.16 | | | 0.02 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.02 | | | 0.00 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.02 | | | 0.00 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X7-X8 | 床積載 | 0.01×1.80 | 0.02 | 梁 | X7 | 0.02 | 梁 | X8 | 0.00 |
| | Y5 | 床積載 | 0.01×1.80 | 0.02 | | 又-又Y5 | 0.02 | | 又-又Y5 | 0.00 |
| | | 床(2階床 | 0.46×1.40 | 0.64 | | | 0.28 | | | 0.36 |
| | | 床(2階床 | 0.41×1.40 | 0.58 | | | 0.25 | | | 0.33 |
| | | 床積載 | 0.46×1.80 | 0.83 | | | 0.36 | | | 0.47 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.32 | | | 0.42 |
| | | | 計 | 3.61 | | | 1.93 | | | 1.67 |
| | X7 | 床(2階ホール | 0.32×1.40 | 0.44 | 柱 | X7 | 0.13 | 柱 | X7 | 0.31 |
| | 又Y5-又 | 床積載 | 0.32×3.20 | 1.01 | | 又Y5 | 0.30 | | 又 | 0.72 |
| | | 床(2階ホール | 0.95×1.40 | 1.33 | | | 0.39 | | | 0.94 |
| | | 床積載 | 0.95×3.20 | 3.04 | | | 0.89 | | | 2.15 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 床(2階ホール | 0.23×1.40 | 0.33 | | | 0.21 | | | 0.12 |
| | | 床(2階ホール | 0.23×1.40 | 0.33 | | | 0.21 | | | 0.12 |
| | | 床(2階ホール | 0.08×1.40 | 0.11 | | | 0.02 | | | 0.10 |
| | | 床(2階ホール | 0.08×1.40 | 0.11 | | | 0.02 | | | 0.10 |
| | | 床積載 | 0.23×3.20 | 0.74 | | | 0.48 | | | 0.26 |
| | | 床積載 | 0.23×3.20 | 0.74 | | | 0.48 | | | 0.26 |
| | | 床積載 | 0.08×3.20 | 0.26 | | | 0.04 | | | 0.22 |
| | | 床積載 | 0.08×3.20 | 0.26 | | | 0.04 | | | 0.22 |
| | | | 計 | 9.99 | | | 3.85 | | | 6.15 |
| | X7-又 | 柱又又Y5 | ×1.000 | 1.03 | 柱 | X7 | 0.01 | 柱 | 又 | 1.02 |
| | 又Y5 | 柱又X7 又Y5 | ×1.000 | 11.30 | | 又Y5 | 9.12 | | 又Y5 | 2.18 |
| | | 床(2階床 | 0.13×1.40 | 0.19 | | | 0.15 | | | 0.04 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.19 | | | 0.05 |
| | | 内壁 | 2.00×0.54 | 1.08 | | | 0.54 | | | 0.54 |
| | | 内壁 | 0.37×0.54 | 0.20 | | | 0.18 | | | 0.02 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.33 | | | 0.49 |
| | | 内壁 | 0.02×0.54 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床(2階床 | 0.01×1.40 | 0.02 | | | 0.02 | | | 0.00 |
| | | 床積載 | 0.01×1.80 | 0.02 | | | 0.02 | | | 0.00 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.17 | | | 0.25 |
| | | 床積載 | 0.30×1.80 | 0.54 | | | 0.22 | | | 0.32 |
| | | 床(2階ホール | 0.41×1.40 | 0.57 | | | 0.23 | | | 0.34 |
| | | 床(2階ホール | 0.02×1.40 | 0.03 | | | 0.03 | | | 0.00 |
| | | 床積載 | 0.41×3.20 | 1.31 | | | 0.53 | | | 0.78 |
| | | 床積載 | 0.02×3.20 | 0.08 | | | 0.07 | | | 0.01 |
| | | | 計 | 17.86 | | | 11.81 | | | 6.05 |
| | X7-X9 | 床(2階ホール | 0.97×1.40 | 1.36 | 梁 | X7 | 0.68 | 梁 | X9 | 0.68 |
| | | 床(2階ホール | 0.93×1.40 | 1.30 | | 又Y5-又 | 0.65 | | 又Y5-又 | 0.65 |
| | | 床積載 | 0.97×3.20 | 3.11 | | | 1.55 | | | 1.55 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.49 | | | 1.49 |
| | | | 計 | 8.74 | | | 4.37 | | | 4.37 |
| | X7 | 床(2階ホール | 0.31×1.40 | 0.44 | 柱 | X7 | 0.19 | 柱 | X7 | 0.25 |
| | 又-又Y6 | 床積載 | 0.31×3.20 | 1.00 | | 又 | 0.44 | | 又Y6 | 0.56 |
| | | 床(2階ホール | 0.93×1.40 | 1.30 | | | 0.57 | | | 0.73 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.31 | | | 1.66 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床(2階ホール | 0.13×1.40 | 0.18 | | | 0.13 | | | 0.05 |
| | | 床(2階ホール | 0.13×1.40 | 0.18 | | | 0.13 | | | 0.05 |
| | | 床(2階ホール | 0.08×1.40 | 0.11 | | | 0.02 | | | 0.09 |
| | | 床(2階ホール | 0.08×1.40 | 0.11 | | | 0.02 | | | 0.09 |
| | | 床積載 | 0.13×3.20 | 0.41 | | | 0.29 | | | 0.11 |
| | | 床積載 | 0.13×3.20 | 0.41 | | | 0.29 | | | 0.11 |
| | | 床積載 | 0.08×3.20 | 0.26 | | | 0.06 | | | 0.20 |
| | | 床積載 | 0.08×3.20 | 0.26 | | | 0.06 | | | 0.20 |
| | | | 計 | 8.05 | | | 3.73 | | | 4.32 |
| | X7 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X7 | 0.22 | 柱 | X7 | 0.22 |
| | 又-又Y6 | | 計 | 0.43 | | 又 | 0.22 | | 又Y6 | 0.22 |
| | X7-X9 | 床(2階ホール | 0.93×1.40 | 1.30 | 梁 | X7 | 0.65 | 梁 | X9 | 0.65 |
| | Y6 | 床(2階ホール | 0.93×1.40 | 1.30 | | 又-又Y6 | 0.65 | | 又-又Y6 | 0.65 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X7-X9 | 床積載 | 0.93×3.20 | 2.97 | 梁 | X7 | 1.49 | 梁 | X9 | 1.49 |
| | Y6 | 床積載 | 0.93×3.20 | 2.97 | | 又-又Y6 | 1.49 | | 又-又Y6 | 1.49 |
| | | | 計 | 8.54 | | | 4.27 | | | 4.27 |
| | X7 | 床(2階ホール | 0.31×1.40 | 0.44 | 柱 | X7 | 0.22 | 柱 | X7 | 0.22 |
| | 又Y6-又 | 床積載 | 0.31×3.20 | 1.00 | | 又Y6 | 0.49 | | 又 | 0.51 |
| | | 床(2階ホール | 0.31×1.40 | 0.44 | | | 0.36 | | | 0.08 |
| | | 床積載 | 0.31×3.20 | 1.00 | | | 0.82 | | | 0.18 |
| | | 床(2階ホール | 0.72×1.40 | 1.01 | | | 0.17 | | | 0.85 |
| | | 床積載 | 0.72×3.20 | 2.31 | | | 0.38 | | | 1.93 |
| | | 床(2階ホール | 0.93×1.40 | 1.30 | | | 0.64 | | | 0.66 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.46 | | | 1.51 |
| | | 床(2階ホール | 0.93×1.40 | 1.30 | | | 1.06 | | | 0.24 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 2.43 | | | 0.54 |
| | | 内壁 | 16.68×0.54 | 9.01 | | | 1.47 | | | 7.53 |
| | | 床(2階床 | 0.64×1.46 | 0.93 | | | 0.15 | | | 0.78 |
| | | 床積載 | 0.64×1.80 | 1.15 | | | 0.19 | | | 0.96 |
| | | 床(2階ホール | 1.81×1.47 | 2.65 | | | 0.43 | | | 2.21 |
| | | 床積載 | 1.81×3.20 | 5.78 | | | 0.94 | | | 4.83 |
| | | 内壁 | 4.88×0.54 | 2.63 | | | 1.32 | | | 1.32 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床(2階ホール | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.07 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床(2階ホール | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.07 |
| | | 床(2階ホール | 0.13×1.40 | 0.18 | | | 0.16 | | | 0.02 |
| | | 床(2階ホール | 0.13×1.40 | 0.18 | | | 0.16 | | | 0.02 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.19 | | | 0.10 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.22 | | | 0.45 |
| | | 床積載 | 0.05×3.20 | 0.17 | | | 0.01 | | | 0.15 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.22 | | | 0.45 |
| | | 床積載 | 0.05×3.20 | 0.17 | | | 0.01 | | | 0.15 |
| | | 床積載 | 0.13×3.20 | 0.41 | | | 0.37 | | | 0.04 |
| | | 床積載 | 0.13×3.20 | 0.41 | | | 0.37 | | | 0.04 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.43 | | | 0.23 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.43 | | | 0.23 |
| | | | 計 | 42.35 | | | 15.48 | | | 26.87 |
| | X7-X9 | 床(2階ホール | 0.93×1.40 | 1.30 | 梁 | X7 | 0.65 | 梁 | X9 | 0.65 |
| | | 床(2階ホール | 0.93×1.40 | 1.30 | | 又Y6-又 | 0.65 | | 又Y6-又 | 0.65 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.49 | | | 1.49 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.49 | | | 1.49 |
| | | | 計 | 8.54 | | | 4.27 | | | 4.27 |
| | X7-X9 | 床(2階ホール | 0.93×1.40 | 1.30 | 梁 | X7 | 0.65 | 梁 | X9 | 0.65 |
| | Y7 | 床(2階ホール | 0.93×1.40 | 1.30 | | 又Y6-又 | 0.65 | | 又-又Y7 | 0.65 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.49 | | | 1.49 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.49 | | | 1.49 |
| | | | 計 | 8.54 | | | 4.27 | | | 4.27 |
| | X7-X9 | 床(2階ホール | 0.93×1.40 | 1.30 | 梁 | X7 | 0.65 | 梁 | X9 | 0.65 |
| | | 床(2階ホール | 0.52×1.40 | 0.72 | | 又Y6-又 | 0.36 | | 又Y7-又 | 0.36 |
| | | 床積載 | 0.93×3.20 | 2.97 | | | 1.49 | | | 1.49 |
| | | 床積載 | 0.52×3.20 | 1.65 | | | 0.83 | | | 0.83 |
| | | | 計 | 6.64 | | | 3.32 | | | 3.32 |
| | X7 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X7 | 0.22 | 柱 | X7 | 0.22 |
| | 又-Y8 | | 計 | 0.43 | | 又 | 0.22 | | Y8 | 0.22 |
| | X7 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X7 | 0.22 | 柱 | X7 | 0.22 |
| | 又-Y8 | 床(2階ホール | 0.21×1.40 | 0.29 | | 又 | 0.14 | | Y8 | 0.14 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.33 | | | 0.33 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.33 | | | 0.33 |
| | | | 計 | 2.33 | | | 1.17 | | | 1.17 |
| | X7-X9 | 床(2階ホール | 0.52×1.40 | 0.72 | 柱 | X7 | 0.36 | 柱 | X9 | 0.36 |
| | 又 | 床(2階ホール | 0.93×1.40 | 1.30 | | 又 | 0.65 | | 又 | 0.65 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ７-Ｘ９ | 床積載 | 0.52×3.20 | 1.65 | 柱 | Ｘ７ | 0.83 | 柱 | Ｘ９ | 0.83 |
| | 又 | 床積載 | 0.93×3.20 | 2.97 | | 又 | 1.49 | | 又 | 1.49 |
| | | | 計 | 6.64 | | | 3.32 | | | 3.32 |
| | Ｘ７-又 | 外壁 | 2.81×0.70 | 1.96 | 柱 | Ｘ７ | 0.98 | 柱 | 又 | 0.98 |
| | Ｙ８ | 外壁 | 2.94×0.70 | 2.05 | | Ｙ８ | 1.03 | | Ｙ８ | 1.03 |
| | | 床(2階ホール | 0.62×1.40 | 0.86 | | | 0.43 | | | 0.43 |
| | | 床積載 | 0.62×3.20 | 1.98 | | | 0.99 | | | 0.99 |
| | | | 計 | 6.86 | | | 3.43 | | | 3.43 |
| | 又Ｘ７ | 外壁 | 0.78×0.70 | 0.55 | 梁 | 又-又Ｘ７ | 0.44 | 梁 | Ｘ７-又 | 0.10 |
| | Ｙ０-Ｙ２ | 床(2階床 | 0.10×1.40 | 0.14 | | Ｙ０ | 0.12 | | Ｙ２ | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.84 | | | 0.56 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.23 | | | 0.98 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 1.20 |
| | | | 計 | 14.70 | | | 6.70 | | | 8.00 |
| | 又Ｘ７-又 | 外壁 | 1.56×0.70 | 1.09 | 梁 | 又Ｘ７ | 0.55 | 梁 | 又 | 0.55 |
| | Ｙ１ | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ０-Ｙ２ | 0.14 | | Ｙ０-Ｙ２ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.76 | | | 0.88 | | | 0.88 |
| | 又Ｘ７-又 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又Ｘ７ | 0.14 | 梁 | 又 | 0.14 |
| | 又 | 床(2階床 | 0.21×1.40 | 0.29 | | Ｙ０-Ｙ２ | 0.14 | | Ｙ０-Ｙ２ | 0.14 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.19 | | | 0.19 |
| | | | 計 | 1.32 | | | 0.66 | | | 0.66 |
| | 又Ｘ７ | 床(2階床 | 0.29×1.40 | 0.40 | 梁 | Ｘ７-又 | 0.20 | 梁 | Ｘ７-又Ｘ７ | 0.20 |
| | Ｙ２-Ｙ３ | 床(2階床 | 1.03×1.40 | 1.45 | | Ｙ２ | 0.72 | | Ｙ３ | 0.72 |
| | | 床積載 | 0.29×1.80 | 0.52 | | | 0.26 | | | 0.26 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 0.93 | | | 0.93 |
| | | | 計 | 4.23 | | | 2.12 | | | 2.12 |
| | 又Ｘ７ | 内壁 | 1.52×0.54 | 0.82 | 柱 | 又Ｘ７ | 0.41 | 柱 | 又Ｘ７ | 0.41 |
| | 又-又 | 床(2階床 | 0.40×1.40 | 0.56 | | 又 | 0.28 | | 又 | 0.28 |
| | | 床積載 | 0.40×1.80 | 0.72 | | | 0.36 | | | 0.36 |
| | | 床(2階床 | 0.09×1.40 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.09×1.80 | 0.17 | | | 0.08 | | | 0.08 |
| | | | 計 | 2.41 | | | 1.20 | | | 1.20 |
| | 又Ｘ７-Ｘ８ | 内壁 | 2.63×0.54 | 1.42 | 柱 | 又Ｘ７ | 0.71 | 柱 | Ｘ８ | 0.71 |
| | 又 | 内壁 | 2.51×0.54 | 1.35 | | 又 | 0.68 | | 又 | 0.68 |
| | | 床(2階床 | 0.56×1.40 | 0.79 | | | 0.39 | | | 0.39 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.51 | | | 0.51 |
| | | 床(2階床 | 0.42×1.40 | 0.59 | | | 0.30 | | | 0.30 |
| | | 床積載 | 0.42×1.80 | 0.76 | | | 0.38 | | | 0.38 |
| | | | 計 | 5.93 | | | 2.96 | | | 2.96 |
| | 又Ｘ７ | 内壁 | 1.52×0.54 | 0.82 | 柱 | 又Ｘ７ | 0.41 | 柱 | 又Ｘ７ | 0.41 |
| | 又-又 | 床(2階床 | 0.40×1.40 | 0.56 | | 又 | 0.28 | | 又 | 0.28 |
| | | 床積載 | 0.40×1.80 | 0.72 | | | 0.36 | | | 0.36 |
| | | 床(2階床 | 0.09×1.40 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.09×1.80 | 0.17 | | | 0.08 | | | 0.08 |
| | | | 計 | 2.41 | | | 1.20 | | | 1.20 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X７ | 床(2階床 | 0.07×1.40 | 0.09 | 柱 | 又X７ | 0.05 | 梁 | X７-X８ | 0.05 |
| | 又-Y５ | 床積載 | 0.07×1.80 | 0.12 | | 又 | 0.06 | | Y５ | 0.06 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | | 計 | 0.64 | | | 0.32 | | | 0.32 |
| | 又X７-X８ | 内壁 | 2.63×0.54 | 1.42 | 柱 | 又X７ | 0.71 | 柱 | X８ | 0.71 |
| | 又 | 内壁 | 2.51×0.54 | 1.35 | | 又 | 0.68 | | 又 | 0.68 |
| | | 床(2階床 | 0.56×1.40 | 0.79 | | | 0.39 | | | 0.39 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.51 | | | 0.51 |
| | | 床(2階床 | 0.41×1.40 | 0.58 | | | 0.29 | | | 0.29 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.37 | | | 0.37 |
| | | | 計 | 5.89 | | | 2.95 | | | 2.95 |
| | 又X７ | 床(2階床 | 0.08×1.40 | 0.11 | 梁 | X７-X８ | 0.06 | 梁 | X７-又 | 0.06 |
| | Y５-又Y５ | 床積載 | 0.08×1.80 | 0.15 | | Y５ | 0.07 | | 又Y５ | 0.07 |
| | | 床(2階床 | 0.18×1.40 | 0.26 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.16 | | | 0.16 |
| | | | 計 | 0.85 | | | 0.42 | | | 0.42 |
| | 又X７-X９ | 柱又X７Y３ | ×1.000 | 7.20 | 柱 | 又X７ | 5.41 | 柱 | X９ | 1.80 |
| | Y３ | 床(2階床 | 0.81×1.40 | 1.13 | | Y３ | 0.25 | | Y３ | 0.88 |
| | | 床積載 | 0.81×1.80 | 1.45 | | | 0.32 | | | 1.13 |
| | | 内壁 | 0.94×0.54 | 0.51 | | | 0.17 | | | 0.33 |
| | | 床(2階床 | 1.74×1.40 | 2.43 | | | 0.84 | | | 1.59 |
| | | 床積載 | 1.74×1.80 | 3.13 | | | 1.08 | | | 2.05 |
| | | 床(2階床 | 1.02×1.40 | 1.42 | | | 0.87 | | | 0.56 |
| | | 床積載 | 1.02×1.80 | 1.83 | | | 1.11 | | | 0.72 |
| | | 内壁 | 3.93×0.54 | 2.12 | | | 1.06 | | | 1.06 |
| | | 内壁 | 0.94×0.54 | 0.51 | | | 0.44 | | | 0.06 |
| | | 内壁 | 2.81×0.54 | 1.52 | | | 0.57 | | | 0.95 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.11 | | | 0.16 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.23 | | | 0.06 |
| | | 床(2階床 | 0.06×1.40 | 0.09 | | | 0.01 | | | 0.08 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.14 | | | 0.20 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.30 | | | 0.07 |
| | | 床積載 | 0.06×1.80 | 0.11 | | | 0.01 | | | 0.10 |
| | | 床(2階床 | 0.54×1.40 | 0.76 | | | 0.51 | | | 0.25 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.04 | | | 0.17 |
| | | 床積載 | 0.54×1.80 | 0.98 | | | 0.66 | | | 0.32 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.05 | | | 0.22 |
| | | | 計 | 26.94 | | | 14.18 | | | 12.76 |
| | 又X７-又 | 外壁 | 0.84×0.70 | 0.59 | 柱 | 又X７ | 0.29 | 柱 | 又 | 0.29 |
| | Y０ | | 計 | 0.59 | | Y０ | 0.29 | | Y０ | 0.29 |
| | 又X７-又 | 外壁 | 1.59×0.70 | 1.11 | 柱 | 又X７ | 0.56 | 柱 | 又 | 0.56 |
| | Y０ | 床(2階床 | 2.23×1.44 | 3.20 | | Y０ | 1.60 | | Y０ | 1.60 |
| | | 床積載 | 2.23×1.80 | 4.01 | | | 2.01 | | | 2.01 |
| | | 柱又Y１ | ×0.814 | 4.56 | | | 2.28 | | | 2.28 |
| | | 軒先1 | 0.46×0.46 | 0.21 | | | 0.10 | | | 0.10 |
| | | 屋根1 | 1.00×0.53 | 0.53 | | | 0.27 | | | 0.27 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | | 0.29 |
| | | | 計 | 14.22 | | | 7.11 | | | 7.11 |
| | 又 | 柱又Y１ | ×1.000 | 5.60 | 梁 | 又X７-又 | 4.56 | 梁 | X７-又 | 1.04 |
| | Y０-Y２ | 床(2階床 | 0.09×1.40 | 0.12 | | Y０ | 0.05 | | Y２ | 0.07 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.06 | | | 0.10 |
| | | 外壁 | 0.78×0.70 | 0.55 | | | 0.44 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.15 | | | 0.03 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.11 | | | 0.18 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床(2階床 | 1.02×1.40 | 1.43 | | | 0.91 | | | 0.52 |
| | | 床積載 | 1.02×1.80 | 1.84 | | | 1.17 | | | 0.67 |
| | | 外壁 | 1.17×0.70 | 0.82 | | | 0.67 | | | 0.15 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.28 | | | 0.06 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又<br>Ｙ０-Ｙ２ | 床積載 | 0.25×1.80 | 0.44 | 梁 | 又Ｘ７-又<br>Ｙ０ | 0.36<br>0.84 | 梁 | Ｘ７-又<br>Ｙ２ | 0.08<br>0.56 |
| | | 床(2階床 | 0.95×1.47 | 1.39 | | | 0.23 | | | 0.98 |
| | | 床(2階床 | 0.83×1.47 | 1.22 | | | 0.24 | | | 0.09 |
| | | 床(2階床 | 0.22×1.47 | 0.33 | | | 0.26 | | | 0.25 |
| | | 床(2階床 | 0.35×1.47 | 0.52 | | | 0.17 | | | 0.69 |
| | | 床(2階床 | 0.58×1.47 | 0.86 | | | 1.02 | | | 0.68 |
| | | 床積載 | 0.95×1.80 | 1.71 | | | 0.29 | | | 1.20 |
| | | 床積載 | 0.83×1.80 | 1.49 | | | 0.29 | | | 0.11 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.32 | | | 0.31 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.20 | | | 0.85 |
| | | 床積載 | 0.58×1.80 | 1.05 | | | 12.89 | | | 9.01 |
| | | | 計 | 21.89 | | | | | | |
| | 又-Ｘ９<br>Ｙ１ | 床(2階床 | 0.24×1.40 | 0.34 | 梁 | 又<br>Ｙ０-Ｙ２ | 0.19<br>0.24 | 柱 | Ｘ９<br>Ｙ１ | 0.15<br>0.19 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.82 | | | 0.82 |
| | | 外壁 | 2.34×0.70 | 1.64 | | | 0.10 | | | 0.03 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.06 | | | 0.15 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 1.61 | | | 1.56 |
| | | | 計 | 3.17 | | | | | | |
| | 又-Ｘ９<br>又 | 床(2階床 | 0.24×1.40 | 0.34 | 梁 | 又<br>Ｙ０-Ｙ２ | 0.19<br>0.24 | 梁 | Ｘ９<br>又Ｙ１-又 | 0.15<br>0.19 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.93 | | | 0.71 |
| | | 床(2階床 | 1.17×1.40 | 1.63 | | | 1.19 | | | 0.91 |
| | | 床積載 | 1.17×1.80 | 2.10 | | | 0.10 | | | 0.03 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.10 | | | 0.03 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.06 | | | 0.15 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.06 | | | 0.15 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.12 | | | 0.03 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 3.26 | | | 2.75 |
| | | | 計 | 6.02 | | | | | | |
| | 又-Ｘ８<br>又 | 床(2階床 | 0.09×1.40 | 0.12 | 梁 | 又<br>Ｙ０-Ｙ２ | 0.06<br>0.06 | 梁 | Ｘ８<br>又-Ｙ２ | 0.06<br>0.06 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.28 | | | 0.28 |
| | | | 計 | 0.56 | | | | | | |
| | 又<br>Ｙ２-Ｙ３ | 床(2階床 | 1.00×1.40 | 1.40 | 梁 | Ｘ７-又<br>Ｙ２ | 0.70<br>0.72 | 梁 | 又Ｘ７-Ｘ９<br>Ｙ３ | 0.70<br>0.72 |
| | | 床(2階床 | 1.03×1.40 | 1.45 | | | 0.90 | | | 0.90 |
| | | 床積載 | 1.00×1.80 | 1.80 | | | 0.93 | | | 0.93 |
| | | 床積載 | 1.03×1.80 | 1.86 | | | 3.25 | | | 3.25 |
| | | | 計 | 6.51 | | | | | | |
| | 又-Ｘ９<br>又Ｙ５ | 床(2階床 | 0.63×1.40 | 0.89 | 柱 | 又<br>又Ｙ５ | 0.51<br>0.65 | 柱 | Ｘ９<br>又Ｙ５ | 0.38<br>0.49 |
| | | 床積載 | 0.63×1.80 | 1.14 | | | 0.64 | | | 0.64 |
| | | 内壁 | 2.37×0.54 | 1.28 | | | 0.61 | | | 0.61 |
| | | 内壁 | 2.26×0.54 | 1.22 | | | 0.17 | | | 0.05 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.06 | | | 0.15 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.22 | | | 0.06 |
| | | 床積載 | 0.16×1.80 | 0.28 | | | 0.08 | | | 0.19 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.38 | | | 0.38 |
| | | 床(2階ホール | 0.54×1.40 | 0.75 | | | 0.86 | | | 0.86 |
| | | 床積載 | 0.54×3.20 | 1.72 | | | 4.18 | | | 3.81 |
| | | | 計 | 7.99 | | | | | | |
| | 又-又Ｘ８<br>Ｙ２ | 床(2階床 | 1.17×1.40 | 1.63 | 柱 | 又<br>Ｙ２ | 0.76<br>0.98 | 柱 | 又Ｘ８<br>Ｙ２ | 0.87<br>1.12 |
| | | 床積載 | 1.17×1.80 | 2.10 | | | 0.28 | | | 0.28 |
| | | 内壁 | 1.05×0.54 | 0.57 | | | 0.11 | | | 0.11 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.01 | | | 0.04 |
| | | 床(2階床 | 0.04×1.40 | 0.05 | | | 0.05 | | | 0.02 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | | | | |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又-又X８ | 床積載 | 0.04×1.80 | 0.07 | 柱 | 又 | 0.02 | 柱 | 又X８ | 0.05 |
| | Y２ | 床積載 | 0.05×1.80 | 0.09 | | Y２ | 0.07 | | Y２ | 0.02 |
| | | | 計 | 5.08 | | | 2.42 | | | 2.66 |
| | 又-X９ | 外壁 | 0.84×0.70 | 0.59 | 柱 | 又 | 0.29 | 柱 | X９ | 0.29 |
| | Y０ | | 計 | 0.59 | | Y０ | 0.29 | | Y０ | 0.29 |
| | 又-X９ | 軒先1 | 0.46×0.46 | 0.21 | 柱 | 又 | 0.10 | 柱 | X９ | 0.10 |
| | Y０ | 屋根1 | 1.00×0.53 | 0.53 | | Y０ | 0.27 | | Y０ | 0.27 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | | 0.29 |
| | | | 計 | 1.33 | | | 0.67 | | | 0.67 |
| | 又-X９ | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又 | 0.56 | 柱 | X９ | 0.56 |
| | Y８ | 外壁 | 0.84×0.70 | 0.59 | | Y８ | 0.29 | | Y８ | 0.29 |
| | | 床(2階ホール | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×3.20 | 0.99 | | | 0.50 | | | 0.50 |
| | | | 計 | 3.15 | | | 1.57 | | | 1.57 |
| | 又-X９ | 外壁 | 0.84×0.70 | 0.59 | 柱 | 又 | 0.29 | 柱 | X９ | 0.29 |
| | Y８ | | 計 | 0.59 | | Y８ | 0.29 | | Y８ | 0.29 |
| | X８ | 床(2階床 | 0.22×1.40 | 0.31 | 梁 | 又-X９ | 0.16 | 梁 | 又-X９ | 0.16 |
| | Y１-又 | 床(2階床 | 0.26×1.40 | 0.36 | | Y１ | 0.18 | | 又 | 0.18 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.20 | | | 0.20 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.23 | | | 0.23 |
| | | | 計 | 1.53 | | | 0.77 | | | 0.77 |
| | X８ | 床(2階床 | 0.09×1.40 | 0.12 | 梁 | 又-X９ | 0.07 | 梁 | 又-又X８ | 0.05 |
| | 又-Y２ | 床積載 | 0.09×1.80 | 0.16 | | 又 | 0.09 | | Y２ | 0.06 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.13 | | | 0.08 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.16 | | | 0.11 |
| | | 床(2階床 | 0.35×1.40 | 0.49 | | | 0.40 | | | 0.10 |
| | | 床(2階床 | 0.73×1.40 | 1.02 | | | 0.31 | | | 0.71 |
| | | 床(2階床 | 0.58×1.40 | 0.82 | | | 0.25 | | | 0.57 |
| | | 床(2階床 | 0.43×1.40 | 0.60 | | | 0.48 | | | 0.12 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.51 | | | 0.13 |
| | | 床積載 | 0.73×1.80 | 1.32 | | | 0.40 | | | 0.92 |
| | | 床積載 | 0.58×1.80 | 1.05 | | | 0.32 | | | 0.73 |
| | | 床積載 | 0.43×1.80 | 0.77 | | | 0.62 | | | 0.15 |
| | | | 計 | 7.46 | | | 3.73 | | | 3.73 |
| | X８-X９ | 床(2階床 | 0.15×1.40 | 0.21 | 梁 | X８ | 0.11 | 柱 | X９ | 0.11 |
| | 又 | 床(2階床 | 0.15×1.40 | 0.21 | | 又-Y２ | 0.11 | | 又 | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | | 計 | 0.96 | | | 0.48 | | | 0.48 |
| | X８ | 内壁 | 0.68×0.54 | 0.37 | 梁 | 又X７-X９ | 0.17 | 柱 | X８ | 0.20 |
| | Y３-又 | 床(2階床 | 0.15×1.40 | 0.21 | | Y３ | 0.10 | | 又 | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.12 | | | 0.15 |
| | | 床(2階床 | 0.51×1.40 | 0.72 | | | 0.14 | | | 0.58 |
| | | 床積載 | 0.51×1.80 | 0.92 | | | 0.17 | | | 0.75 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.04 | | | 0.17 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.05 | | | 0.22 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | | 0.37 | | | 0.44 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.48 | | | 0.56 |
| | | 床(2階床 | 0.58×1.40 | 0.81 | | | 0.59 | | | 0.22 |
| | | 床積載 | 0.58×1.80 | 1.04 | | | 0.76 | | | 0.28 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.15 | | | 0.06 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.20 | | | 0.07 |
| | | 内壁 | 2.72×0.54 | 1.47 | | | 0.34 | | | 1.13 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.25 | | | 0.04 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.17 | | | 0.12 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.17 | | | 0.11 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.09 | | | 0.19 |
| | | 床(2階床 | 0.21×1.40 | 0.29 | | | 0.09 | | | 0.20 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.25 | | | 0.04 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.01 | | | 0.13 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X8 | 床積載 | 0.10×1.80 | 0.18 | 梁 | 又X7-X9 | 0.02 | 柱 | X8 | 0.17 |
| | Y3-又 | 床積載 | 0.21×1.80 | 0.37 | | Y3 | 0.32 | | 又 | 0.05 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.22 | | | 0.15 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.22 | | | 0.15 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.12 | | | 0.25 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.12 | | | 0.25 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.32 | | | 0.05 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.02 | | | 0.17 |
| | | | 計 | 13.18 | | | 6.07 | | | 7.10 |
| | X8-X9 | 床(2階床 | 0.15×1.40 | 0.21 | 梁 | X8 | 0.11 | 梁 | X9 | 0.11 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | Y3-又 | 0.11 | | Y3- | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | | 計 | 0.96 | | | 0.48 | | | 0.48 |
| | X8-X9 | 内壁 | 1.36×0.54 | 0.73 | 梁 | X8 | 0.37 | 柱 | X9 | 0.37 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | Y3-又 | 0.11 | | | 0.11 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.11 | | | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | | 計 | 1.69 | | | 0.85 | | | 0.85 |
| | X8-X9 | 床(2階床 | 0.15×1.40 | 0.21 | 梁 | X8 | 0.11 | 梁 | X9 | 0.11 |
| | 又Y4 | 床(2階床 | 0.15×1.40 | 0.20 | | Y3-又 | 0.10 | | -又 | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.26 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.95 | | | 0.47 | | | 0.47 |
| | X8 | 床(2階床 | 0.15×1.40 | 0.21 | 柱 | X8 | 0.04 | 柱 | X8 | 0.17 |
| | 又-又 | 床積載 | 0.15×1.80 | 0.27 | | 又 | 0.05 | | 又 | 0.21 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | | 0.41 |
| | | 床(2階床 | 0.40×1.40 | 0.56 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.40×1.80 | 0.72 | | | 0.36 | | | 0.36 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.11 | | | 0.07 |
| | | 床(2階床 | 0.02×1.40 | 0.02 | | | 0.00 | | | 0.02 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.14 | | | 0.09 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.00 | | | 0.03 |
| | | | 計 | 3.49 | | | 1.62 | | | 1.87 |
| | X8 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X8 | 0.22 | 柱 | X8 | 0.22 |
| | 又-又 | | 計 | 0.43 | | 又 | 0.22 | | 又 | 0.22 |
| | X8-X9 | 床(2階床 | 0.15×1.40 | 0.21 | 柱 | X8 | 0.10 | 柱 | X9 | 0.10 |
| | 又 | 床(2階床 | 0.15×1.40 | 0.20 | | 又 | 0.10 | | 又 | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.15×1.80 | 0.26 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.94 | | | 0.47 | | | 0.47 |
| | X8-X9 | 床(2階床 | 0.15×1.40 | 0.21 | 梁 | X8 | 0.10 | 梁 | X9 | 0.10 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | 又-又 | 0.11 | | 又-又 | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | | 計 | 0.96 | | | 0.48 | | | 0.48 |
| | X8 | 柱X8又 | ×1.000 | 0.82 | 柱 | X8 | 0.24 | 柱 | X8 | 0.58 |
| | 又-又 | 内壁 | 1.29×0.54 | 0.70 | | 又 | 0.21 | | 又 | 0.49 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.05 | | | 0.12 |
| | | 床積載 | 0.12×1.80 | 0.21 | | | 0.06 | | | 0.15 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 内壁 | 0.45×0.54 | 0.24 | | | 0.04 | | | 0.21 |
| | | 内壁 | 1.07×0.54 | 0.58 | | | 0.37 | | | 0.20 |
| | | 床(2階床 | 0.40×1.40 | 0.56 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.40×1.80 | 0.72 | | | 0.36 | | | 0.36 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.14 | | | 0.08 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.18 | | | 0.10 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.00 | | | 0.02 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.00 | | | 0.03 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X8 | | 計 | 4.98 | 柱 | X8 | 2.16 | 柱 | X8 | 2.82 |
| | 又-又 | | | | | 又 | | | 又 | |
| | X8 | 内壁 | 0.80×0.54 | 0.43 | 柱 | X8 | 0.22 | 柱 | X8 | 0.22 |
| | 又-又 | | 計 | 0.43 | | 又 | 0.22 | | 又 | 0.22 |
| | X8-X9 | 内壁 | 2.59×0.54 | 1.40 | 梁 | X8 | 0.70 | 梁 | X9 | 0.70 |
| | 又 | 床(2階床 | 0.15×1.40 | 0.21 | | 又-又 | 0.11 | | 又-又 | 0.11 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.08 | | | 0.08 |
| | | | 計 | 2.16 | | | 1.08 | | | 1.08 |
| | X8 | 床(2階床 | 0.52×1.40 | 0.73 | 柱 | X8 | 0.40 | 梁 | 又-X9 | 0.34 |
| | 又-又Y5 | 床積載 | 0.52×1.80 | 0.94 | | 又 | 0.51 | | 又Y5 | 0.43 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.11 | | | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.15 | | | 0.12 |
| | | 床(2階床 | 0.18×1.40 | 0.26 | | | 0.07 | | | 0.19 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.07 | | | 0.19 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.14 | | | 0.04 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.14 | | | 0.04 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.09 | | | 0.24 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.09 | | | 0.24 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.18 | | | 0.05 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.18 | | | 0.05 |
| | | | 計 | 4.16 | | | 2.13 | | | 2.03 |
| | X8-X9 | 内壁 | 1.36×0.54 | 0.73 | 柱 | X8 | 0.37 | 柱 | X9 | 0.37 |
| | 又 | 内壁 | 1.29×0.54 | 0.70 | | 又 | 0.35 | | 又 | 0.35 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.08 | | | 0.08 |
| | | | 計 | 2.19 | | | 1.09 | | | 1.09 |
| | X8-X9 | 床(2階床 | 0.15×1.40 | 0.21 | 梁 | X8 | 0.11 | 梁 | X9 | 0.11 |
| | Y5 | 床(2階床 | 0.15×1.40 | 0.21 | | 又-又Y5 | 0.10 | | 又-又Y5 | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 0.96 | | | 0.48 | | | 0.48 |
| | 又X8 | 床(2階床 | 1.00×1.40 | 1.40 | 柱 | 又X8 | 0.70 | 梁 | 又X7-X9 | 0.70 |
| | Y2-Y3 | 床(2階床 | 0.61×1.40 | 0.86 | | Y2 | 0.43 | | Y3 | 0.43 |
| | | 床積載 | 1.00×1.80 | 1.80 | | | 0.90 | | | 0.90 |
| | | 床積載 | 0.61×1.80 | 1.11 | | | 0.55 | | | 0.55 |
| | | | 計 | 5.16 | | | 2.58 | | | 2.58 |
| | 又X8-X9 | 内壁 | 0.87×0.54 | 0.47 | 柱 | 又X8 | 0.23 | 柱 | X9 | 0.23 |
| | Y2 | 床(2階床 | 0.11×1.40 | 0.16 | | Y2 | 0.08 | | Y2 | 0.08 |
| | | 床(2階床 | 0.06×1.40 | 0.09 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.06×1.80 | 0.11 | | | 0.06 | | | 0.06 |
| | | | 計 | 1.02 | | | 0.51 | | | 0.51 |
| | X9 | 軒先1 | 0.07×0.46 | 0.03 | 柱 | X9 | 0.02 | 柱 | X9 | 0.02 |
| | Y0-Y1 | 外壁 | 0.03×0.70 | 0.02 | | Y0 | 0.01 | | Y1 | 0.01 |
| | | 外壁 | 2.04×0.70 | 1.43 | | | 0.71 | | | 0.71 |
| | | | 計 | 1.48 | | | 0.74 | | | 0.74 |
| | X9 | 外壁 | 1.27×0.70 | 0.89 | 柱 | X9 | 0.45 | 柱 | X9 | 0.45 |
| | Y1-又Y1 | 外壁 | 1.33×0.70 | 0.93 | | Y1 | 0.47 | | 又Y1 | 0.47 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 2.47 | | | 1.24 | | | 1.24 |
| | X9 | 外壁 | 0.84×0.70 | 0.59 | 柱 | X9 | 0.29 | 柱 | X9 | 0.29 |
| | 又Y1-又 | | 計 | 0.59 | | 又Y1 | 0.29 | | 又 | 0.29 |
| | X9 | 床(2階床 | 0.86×1.40 | 1.20 | 柱 | X9 | 0.77 | 柱 | X9 | 0.44 |
| | 又Y1-又 | 床積載 | 0.86×1.80 | 1.55 | | 又Y1 | 0.99 | | 又 | 0.56 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | 外壁 | 0.84×0.70 | 0.59 | | | 0.29 | | | 0.29 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X９ | 床(2階床 | 0.15×1.40 | 0.21 | 柱 | X９ | 0.07 | 柱 | X９ | 0.14 |
| | 又Y１-又 | 床(2階床 | 0.06×1.40 | 0.08 | | 又Y１ | 0.06 | | 又 | 0.01 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.09 | | | 0.18 |
| | | 床積載 | 0.06×1.80 | 0.10 | | | 0.08 | | | 0.02 |
| | | | 計 | 5.12 | | | 2.91 | | | 2.22 |
| | X９ | 外壁 | 1.61×0.70 | 1.13 | 柱 | X９ | 0.56 | 柱 | X９ | 0.56 |
| | 又-又 | 外壁 | 0.84×0.70 | 0.59 | | 又 | 0.29 | | 又 | 0.29 |
| | | 床(2階床 | 0.28×1.40 | 0.39 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.28×1.80 | 0.50 | | | 0.25 | | | 0.25 |
| | | | 計 | 2.61 | | | 1.30 | | | 1.30 |
| | X９ | 外壁 | 0.84×0.70 | 0.59 | 柱 | X９ | 0.29 | 柱 | X９ | 0.29 |
| | 又-又 | | 計 | 0.59 | | 又 | 0.29 | | 又 | 0.29 |
| | X９ | 外壁 | 0.38×0.70 | 0.26 | 柱 | X９ | 0.13 | 柱 | X９ | 0.13 |
| | 又-又 | 外壁 | 0.39×0.70 | 0.28 | | 又 | 0.14 | | 又 | 0.14 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.02 | | | 0.02 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.02 | | | 0.02 |
| | | | 計 | 0.61 | | | 0.31 | | | 0.31 |
| | X９ | 床(2階床 | 0.18×1.40 | 0.26 | 柱 | X９ | 0.26 | 柱 | X９ | 0.00 |
| | 又-Y２ | 床積載 | 0.18×1.80 | 0.33 | | 又 | 0.33 | | Y２ | 0.00 |
| | | 外壁 | 1.57×0.70 | 1.10 | | | 0.42 | | | 0.68 |
| | | 内壁 | 1.49×0.54 | 0.80 | | | 0.31 | | | 0.49 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.16 | | | 0.26 |
| | | 床積載 | 0.30×1.80 | 0.55 | | | 0.21 | | | 0.34 |
| | | 外壁 | 1.01×0.70 | 0.71 | | | 0.53 | | | 0.18 |
| | | 内壁 | 0.96×0.54 | 0.52 | | | 0.39 | | | 0.13 |
| | | 床(2階床 | 1.02×1.40 | 1.43 | | | 1.07 | | | 0.37 |
| | | 床積載 | 1.02×1.80 | 1.84 | | | 1.37 | | | 0.47 |
| | | 柱又X10又 | ×0.307 | 2.54 | | | 1.89 | | | 0.65 |
| | | 柱又X11又 | ×0.143 | 0.48 | | | 0.35 | | | 0.12 |
| | | 外壁 | 2.25×0.70 | 1.57 | | | 1.09 | | | 0.48 |
| | | 内壁 | 3.61×0.54 | 1.95 | | | 0.98 | | | 0.98 |
| | | 内壁 | 2.12×0.54 | 1.15 | | | 0.79 | | | 0.35 |
| | | 内壁 | 1.32×0.54 | 0.71 | | | 0.14 | | | 0.58 |
| | | 床(2階床 | 0.71×1.40 | 0.99 | | | 0.50 | | | 0.50 |
| | | 床積載 | 0.71×1.80 | 1.28 | | | 0.64 | | | 0.64 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.01 | | | 0.02 |
| | | 床(2階床 | 0.34×1.40 | 0.48 | | | 0.09 | | | 0.38 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.01 | | | 0.02 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.12 | | | 0.49 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.20 | | | 0.16 |
| | | 床(2階床 | 0.18×1.40 | 0.26 | | | 0.23 | | | 0.03 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.26 | | | 0.20 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.29 | | | 0.04 |
| | | | 計 | 21.21 | | | 12.65 | | | 8.57 |
| | X９-又X11 | 外壁 | 7.15×0.70 | 5.00 | 柱 | X９ | 2.50 | 柱 | 又X11 | 2.50 |
| | 又-又 | 外壁 | 4.05×0.70 | 2.84 | | 又 | 1.42 | | 又 | 1.42 |
| | | 床(2階床 | 0.33×1.40 | 0.46 | | | 0.23 | | | 0.23 |
| | | 床積載 | 0.33×1.80 | 0.59 | | | 0.29 | | | 0.29 |
| | | | 計 | 8.88 | | | 4.44 | | | 4.44 |
| | X９-又X12 | 外壁 | 1.32×0.70 | 0.92 | 梁 | X９ | 0.54 | 梁 | 又X11-又X12 | 0.39 |
| | 又-又 | 内壁 | 1.24×0.54 | 0.67 | | 又-Y２ | 0.39 | | 又-又 | 0.28 |
| | | 床(2階床 | 0.72×1.40 | 1.01 | | | 0.59 | | | 0.42 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.76 | | | 0.55 |
| | | 柱又X10又 | ×0.527 | 4.37 | | | 2.54 | | | 1.83 |
| | | 外壁 | 0.91×0.70 | 0.64 | | | 0.17 | | | 0.47 |
| | | 内壁 | 0.86×0.54 | 0.47 | | | 0.13 | | | 0.34 |
| | | 床(2階床 | 0.51×1.40 | 0.71 | | | 0.19 | | | 0.52 |
| | | 床積載 | 0.51×1.80 | 0.92 | | | 0.25 | | | 0.67 |
| | | 柱又X11又 | ×0.527 | 1.76 | | | 0.48 | | | 1.28 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.28 | | | 0.07 |
| | | 床(2階床 | 0.34×1.40 | 0.48 | | | 0.24 | | | 0.24 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ９-又X12 | 床(2階床 | 0.18×1.40 | 0.25 | 梁 | Ｘ９ | 0.11 | 梁 | 又X11-又X12 | 0.14 |
| | 又-又 | 床(2階床 | 0.15×1.40 | 0.22 | | 又-Ｙ２ | 0.03 | | 又-又 | 0.19 |
| | | 床積載 | 0.25×1.80 | 0.45 | | | 0.36 | | | 0.09 |
| | | 床積載 | 0.34×1.80 | 0.62 | | | 0.31 | | | 0.31 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.14 | | | 0.18 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.04 | | | 0.24 |
| | | | 計 | 15.74 | | | 7.52 | | | 8.21 |
| | Ｘ９-又X10 | 外壁 | 3.15×0.70 | 2.20 | 梁 | Ｘ９ | 1.10 | 梁 | 又X10-又X11 | 1.10 |
| | 又-又 | 内壁 | 2.97×0.54 | 1.60 | | 又-Ｙ２ | 0.80 | | 又-又 | 0.80 |
| | | 床(2階床 | 0.35×1.40 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.31 | | | 0.31 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.18 | | | 0.18 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.23 | | | 0.23 |
| | | | 計 | 5.75 | | | 2.88 | | | 2.88 |
| | Ｘ９ | 外壁 | 0.74×0.70 | 0.52 | 柱 | Ｘ９ | 0.50 | 柱 | Ｘ９ | 0.01 |
| | Ｙ２-又 | 内壁 | 0.69×0.54 | 0.37 | | Ｙ２ | 0.36 | | 又 | 0.01 |
| | | 床(2階床 | 1.24×1.43 | 1.78 | | | 1.73 | | | 0.05 |
| | | 床積載 | 1.24×1.80 | 2.24 | | | 2.17 | | | 0.06 |
| | | 柱又X10又 | ×0.223 | 1.84 | | | 1.79 | | | 0.05 |
| | | 柱又X11又 | ×0.104 | 0.35 | | | 0.34 | | | 0.01 |
| | | 床(2階床 | 1.32×1.44 | 1.91 | | | 1.12 | | | 0.79 |
| | | 床積載 | 1.32×1.80 | 2.38 | | | 1.40 | | | 0.99 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 1.78×0.54 | 0.96 | | | 0.37 | | | 0.59 |
| | | 内壁 | 0.50×0.54 | 0.27 | | | 0.24 | | | 0.03 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.28 | | | 0.28 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.14 | | | 0.04 |
| | | 床(2階床 | 0.32×1.40 | 0.45 | | | 0.13 | | | 0.32 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.18 | | | 0.05 |
| | | 床積載 | 0.32×1.80 | 0.57 | | | 0.17 | | | 0.41 |
| | | | 計 | 16.32 | | | 11.78 | | | 4.54 |
| | Ｘ９-又X12 | 外壁 | 1.18×0.70 | 0.83 | 梁 | Ｘ９ | 0.39 | 柱 | 又X12 | 0.44 |
| | 又Ｙ２-又 | 内壁 | 1.11×0.54 | 0.60 | | Ｙ２-又 | 0.28 | | 又 | 0.32 |
| | | 床(2階床 | 0.73×1.40 | 1.02 | | | 0.48 | | | 0.54 |
| | | 床積載 | 0.73×1.80 | 1.32 | | | 0.62 | | | 0.70 |
| | | 柱又X10又 | ×0.473 | 3.91 | | | 1.84 | | | 2.07 |
| | | 外壁 | 0.82×0.70 | 0.57 | | | 0.13 | | | 0.45 |
| | | 内壁 | 0.77×0.54 | 0.42 | | | 0.09 | | | 0.33 |
| | | 床(2階床 | 0.49×1.40 | 0.69 | | | 0.15 | | | 0.54 |
| | | 床積載 | 0.49×1.80 | 0.88 | | | 0.19 | | | 0.69 |
| | | 柱又X11又 | ×0.473 | 1.57 | | | 0.35 | | | 1.23 |
| | | 床(2階床 | 0.24×1.40 | 0.34 | | | 0.26 | | | 0.08 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.34 | | | 0.10 |
| | | 床(2階床 | 0.18×1.47 | 0.26 | | | 0.09 | | | 0.17 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.39 | | | 0.14 |
| | | 床(2階床 | 0.40×1.47 | 0.58 | | | 0.22 | | | 0.36 |
| | | 床(2階床 | 0.15×1.47 | 0.23 | | | 0.03 | | | 0.20 |
| | | 床(2階床 | 0.12×1.47 | 0.18 | | | 0.16 | | | 0.02 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.11 | | | 0.21 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.48 | | | 0.17 |
| | | 床積載 | 0.40×1.80 | 0.71 | | | 0.27 | | | 0.44 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.03 | | | 0.25 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.20 | | | 0.03 |
| | | | 計 | 16.56 | | | 7.10 | | | 9.46 |
| | Ｘ９-又X13 | 床(2階床 | 0.53×1.40 | 0.75 | 梁 | Ｘ９ | 0.54 | 梁 | 又X12-又X13 | 0.21 |
| | 又Ｙ２-又 | 床積載 | 0.53×1.80 | 0.96 | | Ｙ２-又 | 0.69 | | 又-又 | 0.27 |
| | | 床(2階床 | 0.24×1.40 | 0.34 | | | 0.25 | | | 0.09 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.32 | | | 0.12 |
| | | 床(2階床 | 0.33×1.47 | 0.48 | | | 0.17 | | | 0.31 |
| | | 床(2階床 | 0.12×1.47 | 0.18 | | | 0.15 | | | 0.03 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ９-又X13 | 床(2階床 | 0.31×1.47 | 0.45 | 梁 | Ｘ９ | 0.39 | 梁 | 又X12-又X13 | 0.06 |
| | 又Ｙ２-又 | 床(2階床 | 0.76×1.47 | 1.11 | | Ｙ２-又 | 0.40 | | 又-又 | 0.71 |
| | | 床積載 | 0.33×1.80 | 0.59 | | | 0.21 | | | 0.38 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.19 | | | 0.03 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.48 | | | 0.08 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 0.49 | | | 0.87 |
| | | | 計 | 7.45 | | | 4.29 | | | 3.16 |
| | Ｘ９ | 床(2階床 | 1.84×1.44 | 2.66 | 柱 | Ｘ９ | 2.17 | 柱 | Ｘ９ | 0.49 |
| | 又-Ｙ３ | 床積載 | 1.84×1.80 | 3.32 | | 又 | 2.71 | | Ｙ３ | 0.61 |
| | | 床(2階床 | 1.97×1.44 | 2.84 | | | 0.13 | | | 2.71 |
| | | 床積載 | 1.97×1.80 | 3.54 | | | 0.17 | | | 3.37 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 1.03×0.54 | 0.55 | | | 0.43 | | | 0.12 |
| | | 内壁 | 1.25×0.54 | 0.68 | | | 0.19 | | | 0.49 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.28 | | | 0.28 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.03 | | | 0.00 |
| | | 床(2階床 | 0.46×1.40 | 0.65 | | | 0.28 | | | 0.37 |
| | | 床(2階床 | 0.04×1.40 | 0.05 | | | 0.00 | | | 0.05 |
| | | 床(2階床 | 0.06×1.40 | 0.09 | | | 0.00 | | | 0.09 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.04 | | | 0.00 |
| | | 床積載 | 0.46×1.80 | 0.83 | | | 0.36 | | | 0.47 |
| | | 床積載 | 0.04×1.80 | 0.07 | | | 0.00 | | | 0.06 |
| | | 床積載 | 0.06×1.80 | 0.12 | | | 0.00 | | | 0.11 |
| | | | 計 | 17.74 | | | 7.66 | | | 10.08 |
| | Ｘ９-又X13 | 床(2階床 | 0.59×1.40 | 0.83 | 梁 | Ｘ９ | 0.54 | 梁 | 又X12-又X13 | 0.29 |
| | 又-又 | 床積載 | 0.59×1.80 | 1.07 | | 又-Ｙ３ | 0.69 | | 又-又 | 0.38 |
| | | 床(2階床 | 0.53×1.40 | 0.75 | | | 0.48 | | | 0.27 |
| | | 床積載 | 0.53×1.80 | 0.96 | | | 0.62 | | | 0.34 |
| | | 床(2階床 | 0.36×1.47 | 0.52 | | | 0.43 | | | 0.09 |
| | | 床(2階床 | 0.69×1.47 | 1.02 | | | 0.33 | | | 0.69 |
| | | 床(2階床 | 0.43×1.47 | 0.64 | | | 0.52 | | | 0.11 |
| | | 床(2階床 | 0.76×1.47 | 1.11 | | | 0.36 | | | 0.75 |
| | | 床積載 | 0.36×1.80 | 0.64 | | | 0.53 | | | 0.11 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.40 | | | 0.84 |
| | | 床積載 | 0.43×1.80 | 0.78 | | | 0.64 | | | 0.14 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 0.44 | | | 0.92 |
| | | | 計 | 10.93 | | | 5.98 | | | 4.95 |
| | Ｘ９-又X14 | 床(2階床 | 0.65×1.40 | 0.91 | 梁 | Ｘ９ | 0.53 | 梁 | 又X13-又X14 | 0.38 |
| | 又-又 | 床積載 | 0.65×1.80 | 1.17 | | 又-Ｙ３ | 0.68 | | 又-又Ｙ２ | 0.49 |
| | | 床(2階床 | 0.59×1.40 | 0.83 | | | 0.48 | | | 0.35 |
| | | 床積載 | 0.59×1.80 | 1.07 | | | 0.62 | | | 0.45 |
| | | 床(2階床 | 0.47×1.47 | 0.69 | | | 0.55 | | | 0.14 |
| | | 床(2階床 | 0.69×1.47 | 1.02 | | | 0.30 | | | 0.72 |
| | | 床(2階床 | 0.56×1.47 | 0.82 | | | 0.65 | | | 0.17 |
| | | 床(2階床 | 0.76×1.47 | 1.11 | | | 0.32 | | | 0.79 |
| | | 床積載 | 0.47×1.80 | 0.85 | | | 0.67 | | | 0.18 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.36 | | | 0.88 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.80 | | | 0.21 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 0.40 | | | 0.97 |
| | | | 計 | 12.10 | | | 6.38 | | | 5.72 |
| | Ｘ９ | 床(2階床 | 0.15×1.40 | 0.21 | 柱 | Ｘ９ | 0.11 | 柱 | Ｘ９ | 0.11 |
| | Ｙ３- | 床積載 | 0.15×1.80 | 0.27 | | Ｙ３ | 0.14 | | | 0.14 |
| | | 床(2階床 | 2.08×1.45 | 3.01 | | | 1.38 | | | 1.63 |
| | | 床積載 | 2.08×1.80 | 3.75 | | | 1.72 | | | 2.03 |
| | | 内壁 | 0.12×0.54 | 0.07 | | | 0.00 | | | 0.06 |
| | | 内壁 | 3.07×0.54 | 1.66 | | | 0.86 | | | 0.80 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.82 | | | 0.82 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.07 | | | 0.21 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.21 | | | 0.07 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.09 | | | 0.27 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | Ｘ９ | 床積載 | 0.20×1.80 | 0.36 | 柱 | Ｘ９ | 0.27 | 柱 | Ｘ９ | 0.09 |
| | Ｙ３- | 床(2階床 | 0.12×1.40 | 0.16 | | Ｙ３ | 0.08 | | | 0.08 |
| | | 床(2階床 | 0.56×1.40 | 0.78 | | | 0.18 | | | 0.61 |
| | | 床(2階床 | 0.48×1.40 | 0.67 | | | 0.49 | | | 0.18 |
| | | 床積載 | 0.12×1.80 | 0.21 | | | 0.11 | | | 0.10 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.23 | | | 0.78 |
| | | 床積載 | 0.48×1.80 | 0.86 | | | 0.63 | | | 0.23 |
| | | | 計 | 15.60 | | | 7.39 | | | 8.22 |
| | Ｘ９-又X14 | 床(2階床 | 0.71×1.40 | 1.00 | 梁 | Ｘ９ | 0.53 | 梁 | 又X14-又X14 | 0.47 |
| | 又-又Ｙ２ | 床積載 | 0.71×1.80 | 1.28 | | Ｙ３- | 0.68 | | 又Ｙ２-又 | 0.60 |
| | | 床(2階床 | 0.65×1.40 | 0.91 | | | 0.49 | | | 0.43 |
| | | 床積載 | 0.65×1.80 | 1.17 | | | 0.62 | | | 0.55 |
| | | 床(2階床 | 0.69×1.47 | 1.01 | | | 0.77 | | | 0.24 |
| | | 床(2階床 | 0.59×1.47 | 0.86 | | | 0.66 | | | 0.20 |
| | | 床(2階床 | 0.69×1.47 | 1.02 | | | 0.27 | | | 0.75 |
| | | 床(2階床 | 0.76×1.47 | 1.11 | | | 0.30 | | | 0.82 |
| | | 床積載 | 0.69×1.80 | 1.23 | | | 0.94 | | | 0.29 |
| | | 床積載 | 0.59×1.80 | 1.06 | | | 0.81 | | | 0.25 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.33 | | | 0.91 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 0.36 | | | 1.00 |
| | | | 計 | 13.26 | | | 6.77 | | | 6.50 |
| | Ｘ９ | 床(2階床 | 0.15×1.40 | 0.21 | 柱 | Ｘ９ | 0.09 | 柱 | Ｘ９ | 0.12 |
| | -又 | 床積載 | 0.15×1.80 | 0.27 | | | 0.11 | | 又 | 0.16 |
| | | 内壁 | 0.58×0.54 | 0.32 | | | 0.27 | | | 0.04 |
| | | 床(2階床 | 2.51×1.49 | 3.73 | | | 3.21 | | | 0.52 |
| | | 床積載 | 2.51×1.80 | 4.52 | | | 3.88 | | | 0.63 |
| | | 内壁 | 1.83×0.54 | 0.99 | | | 0.35 | | | 0.64 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.35 | | | 0.06 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.20 | | | 0.08 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.03 | | | 0.11 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.26 | | | 0.11 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.04 | | | 0.15 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.15 | | | 0.20 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.06 | | | 0.08 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.03 | | | 0.00 |
| | | 床積載 | 0.25×1.80 | 0.45 | | | 0.19 | | | 0.26 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.08 | | | 0.10 |
| | | 床積載 | 0.03×1.80 | 0.05 | | | 0.04 | | | 0.00 |
| | | | 計 | 12.60 | | | 9.33 | | | 3.27 |
| | Ｘ９-又X15 | 内壁 | 0.60×0.54 | 0.32 | 梁 | Ｘ９ | 0.32 | 柱 | 又X15 | 0.01 |
| | 又-又 | 床(2階床 | 0.35×1.40 | 0.49 | | -又 | 0.48 | | 又 | 0.01 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.62 | | | 0.01 |
| | | 床(2階床 | 0.72×1.40 | 1.01 | | | 0.50 | | | 0.52 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.64 | | | 0.67 |
| | | 床(2階床 | 0.71×1.40 | 1.00 | | | 0.49 | | | 0.51 |
| | | 床積載 | 0.71×1.80 | 1.28 | | | 0.63 | | | 0.65 |
| | | 床(2階床 | 0.03×1.55 | 0.05 | | | 0.05 | | | 0.00 |
| | | 床(2階床 | 0.76×1.55 | 1.17 | | | 0.86 | | | 0.31 |
| | | 床(2階床 | 0.70×1.55 | 1.09 | | | 0.81 | | | 0.28 |
| | | 床(2階床 | 0.69×1.55 | 1.07 | | | 0.26 | | | 0.81 |
| | | 床(2階床 | 0.76×1.55 | 1.17 | | | 0.29 | | | 0.89 |
| | | 床積載 | 0.03×1.80 | 0.06 | | | 0.05 | | | 0.00 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 1.00 | | | 0.36 |
| | | 床積載 | 0.70×1.80 | 1.26 | | | 0.94 | | | 0.32 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.30 | | | 0.94 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 0.33 | | | 1.03 |
| | | | 計 | 15.89 | | | 8.57 | | | 7.33 |
| | Ｘ９ | 床(2階床 | 0.15×1.40 | 0.21 | 柱 | Ｘ９ | 0.13 | 柱 | Ｘ９ | 0.08 |
| | 又-又 | 床積載 | 0.15×1.80 | 0.27 | | 又 | 0.16 | | 又 | 0.11 |
| | | 内壁 | 1.29×0.54 | 0.70 | | | 0.10 | | | 0.60 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.02 | | | 0.14 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X９ | 床積載 | 0.12×1.80 | 0.21 | 柱 | X９ | 0.03 | 柱 | X９ | 0.18 |
| | 又-又 | 内壁 | 0.45×0.54 | 0.24 | | 又 | 0.02 | | 又 | 0.23 |
| | | 内壁 | 2.59×0.54 | 1.40 | | | 0.80 | | | 0.60 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.15 | | | 0.04 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.09 | | | 0.15 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.19 | | | 0.05 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.11 | | | 0.19 |
| | | 床(2階床 | 0.54×1.40 | 0.75 | | | 0.37 | | | 0.37 |
| | | 床積載 | 0.54×1.80 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.00 | | | 0.02 |
| | | 床積載 | 0.02×1.80 | 0.03 | | | 0.00 | | | 0.03 |
| | | | 計 | 5.93 | | | 2.67 | | | 3.26 |
| | X９ | 床(2階床 | 1.29×1.45 | 1.87 | 柱 | X９ | 0.63 | 柱 | X９ | 1.25 |
| | 又-又Y５ | 床積載 | 1.29×1.80 | 2.33 | | 又 | 0.78 | | 又Y５ | 1.55 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.11 | | | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.15 | | | 0.12 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.07 | | | 0.19 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.14 | | | 0.04 |
| | | 床(2階床 | 0.46×1.40 | 0.64 | | | 0.42 | | | 0.21 |
| | | 床(2階床 | 0.07×1.40 | 0.10 | | | 0.04 | | | 0.06 |
| | | 床(2階床 | 0.24×1.40 | 0.34 | | | 0.06 | | | 0.28 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.09 | | | 0.24 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.18 | | | 0.05 |
| | | 床積載 | 0.46×1.80 | 0.82 | | | 0.55 | | | 0.27 |
| | | 床積載 | 0.07×1.80 | 0.13 | | | 0.05 | | | 0.08 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.07 | | | 0.36 |
| | | | 計 | 8.15 | | | 3.34 | | | 4.81 |
| | X９-又X９ | 内壁 | 0.62×0.54 | 0.34 | 柱 | X９ | 0.17 | 柱 | 又X９ | 0.17 |
| | 又-又 | 内壁 | 0.59×0.54 | 0.32 | | 又 | 0.16 | | 又 | 0.16 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×1.80 | 0.10 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.97 | | | 0.48 | | | 0.48 |
| | X９-又X12 | 床(2階床 | 0.46×1.40 | 0.65 | 梁 | X９ | 0.29 | 梁 | 又X12-又X13 | 0.36 |
| | 又Y５-又 | 床積載 | 0.46×1.80 | 0.83 | | 又-又Y５ | 0.37 | | 又-又 | 0.46 |
| | | 床(2階床 | 0.43×1.40 | 0.61 | | | 0.27 | | | 0.34 |
| | | 床積載 | 0.43×1.80 | 0.78 | | | 0.35 | | | 0.43 |
| | | 床(2階床 | 0.47×1.47 | 0.68 | | | 0.50 | | | 0.19 |
| | | 床(2階床 | 0.40×1.47 | 0.58 | | | 0.13 | | | 0.45 |
| | | 床(2階床 | 0.43×1.47 | 0.64 | | | 0.14 | | | 0.49 |
| | | 床(2階床 | 0.51×1.47 | 0.75 | | | 0.54 | | | 0.21 |
| | | 床積載 | 0.47×1.80 | 0.84 | | | 0.61 | | | 0.23 |
| | | 床積載 | 0.40×1.80 | 0.71 | | | 0.16 | | | 0.55 |
| | | 床積載 | 0.43×1.80 | 0.78 | | | 0.17 | | | 0.60 |
| | | 床積載 | 0.51×1.80 | 0.92 | | | 0.67 | | | 0.25 |
| | | | 計 | 8.77 | | | 4.20 | | | 4.57 |
| | X９ | 内壁 | 0.02×0.54 | 0.01 | 柱 | X９ | 0.01 | 柱 | X９ | 0.00 |
| | 又Y５-又 | 床(2階床 | 0.00 | 0.00 | | 又Y５ | 0.00 | | 又 | 0.00 |
| | | 床積載 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床(2階ホール | 0.10×1.40 | 0.15 | | | 0.09 | | | 0.06 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.20 | | | 0.13 |
| | | 床(2階ホール | 0.95×1.40 | 1.33 | | | 0.39 | | | 0.94 |
| | | 床積載 | 0.95×3.20 | 3.04 | | | 0.89 | | | 2.15 |
| | | 床(2階ホール | 0.23×1.40 | 0.32 | | | 0.08 | | | 0.25 |
| | | 床積載 | 0.23×3.20 | 0.74 | | | 0.17 | | | 0.57 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 床(2階ホール | 0.23×1.40 | 0.33 | | | 0.21 | | | 0.12 |
| | | 床(2階ホール | 0.08×1.40 | 0.11 | | | 0.02 | | | 0.10 |
| | | 床(2階ホール | 0.08×1.40 | 0.11 | | | 0.09 | | | 0.02 |
| | | 床(2階ホール | 0.14×1.40 | 0.19 | | | 0.08 | | | 0.11 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X９ | 床(2階ホール | 0.15×1.40 | 0.21 | 柱 | X９ | 0.02 | 柱 | X９ | 0.19 |
| | 又Y５-又 | 床積載 | 0.23×3.20 | 0.74 | | 又Y５ | 0.48 | | 又 | 0.26 |
| | | 床積載 | 0.08×3.20 | 0.26 | | | 0.04 | | | 0.22 |
| | | 床積載 | 0.08×3.20 | 0.26 | | | 0.21 | | | 0.05 |
| | | 床積載 | 0.14×3.20 | 0.43 | | | 0.18 | | | 0.25 |
| | | 床積載 | 0.15×3.20 | 0.48 | | | 0.06 | | | 0.42 |
| | | | 計 | 10.32 | | | 3.86 | | | 6.46 |
| | X９-又X９ | 内壁 | 1.58×0.54 | 0.85 | 柱 | X９ | 0.43 | 梁 | X９-X10 | 0.43 |
| | 又Y５ | 内壁 | 3.02×0.54 | 1.63 | | 又Y５ | 0.81 | | 又-又Y５ | 0.81 |
| | | 床(2階床 | 0.24×1.40 | 0.33 | | | 0.17 | | | 0.17 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.21 | | | 0.21 |
| | | 床(2階ホール | 0.08×1.40 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.08×3.20 | 0.27 | | | 0.13 | | | 0.13 |
| | | | 計 | 3.63 | | | 1.81 | | | 1.81 |
| | X９-X10 | 内壁 | 2.30×0.54 | 1.24 | 梁 | X９ | 0.01 | 柱 | X10 | 1.23 |
| | 又-又Y５ | 床(2階床 | 0.12×1.40 | 0.17 | | 又Y５-又 | 0.00 | | 又Y５ | 0.16 |
| | | 床積載 | 0.12×1.80 | 0.21 | | | 0.00 | | | 0.21 |
| | | 床(2階ホール | 0.04×1.40 | 0.06 | | | 0.00 | | | 0.06 |
| | | 床積載 | 0.04×3.20 | 0.13 | | | 0.00 | | | 0.13 |
| | | 床(2階床 | 0.07×1.40 | 0.11 | | | 0.00 | | | 0.11 |
| | | 床積載 | 0.07×1.80 | 0.14 | | | 0.00 | | | 0.14 |
| | | 床(2階ホール | 0.07×1.40 | 0.10 | | | 0.05 | | | 0.05 |
| | | 床(2階ホール | 0.13×1.40 | 0.19 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.07×3.20 | 0.23 | | | 0.12 | | | 0.11 |
| | | 床積載 | 0.13×3.20 | 0.43 | | | 0.21 | | | 0.21 |
| | | 内壁 | 0.54 | 0.00 | | | 0.00 | | | 0.00 |
| | | 内壁 | 0.01×0.54 | 0.01 | | | 0.00 | | | 0.01 |
| | | | 計 | 3.01 | | | 0.49 | | | 2.52 |
| | X９-又X10 | 床(2階ホール | 0.13×1.40 | 0.18 | 梁 | X９ | 0.09 | 梁 | X10-又X10 | 0.09 |
| | 又-又 | 床(2階ホール | 0.33×1.40 | 0.46 | | 又Y５-又 | 0.23 | | 又Y５-又 | 0.23 |
| | | 床積載 | 0.13×3.20 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.33×3.20 | 1.05 | | | 0.53 | | | 0.53 |
| | | | 計 | 2.12 | | | 1.06 | | | 1.06 |
| | X９ | 内壁 | 0.84×0.54 | 0.46 | 柱 | X９ | 0.23 | 柱 | X９ | 0.23 |
| | 又-又Y６ | | 計 | 0.46 | | 又 | 0.23 | | 又Y６ | 0.23 |
| | X９ | 床(2階ホール | 0.93×1.40 | 1.30 | 柱 | X９ | 0.61 | 柱 | X９ | 0.69 |
| | 又-又Y６ | 床積載 | 0.93×3.20 | 2.97 | | 又 | 1.40 | | 又Y６ | 1.57 |
| | | 床(2階ホール | 0.41×1.40 | 0.58 | | | 0.14 | | | 0.44 |
| | | 床積載 | 0.41×3.20 | 1.33 | | | 0.32 | | | 1.01 |
| | | 内壁 | 0.84×0.54 | 0.46 | | | 0.23 | | | 0.23 |
| | | 床(2階ホール | 0.13×1.40 | 0.18 | | | 0.13 | | | 0.05 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.03 | | | 0.11 |
| | | 床(2階ホール | 0.18×1.40 | 0.25 | | | 0.03 | | | 0.22 |
| | | 床(2階ホール | 0.21×1.40 | 0.30 | | | 0.18 | | | 0.11 |
| | | 床積載 | 0.13×3.20 | 0.41 | | | 0.30 | | | 0.11 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.08 | | | 0.25 |
| | | 床積載 | 0.18×3.20 | 0.57 | | | 0.07 | | | 0.50 |
| | | 床積載 | 0.21×3.20 | 0.68 | | | 0.42 | | | 0.26 |
| | | | 計 | 9.49 | | | 3.95 | | | 5.54 |
| | X９-又X10 | 床(2階ホール | 0.46×1.40 | 0.64 | 梁 | X９ | 0.32 | 梁 | 又X10-又X10 | 0.32 |
| | 又Y６-又 | 床(2階ホール | 0.38×1.40 | 0.53 | | 又-又Y６ | 0.26 | | 又-又 | 0.26 |
| | | 床積載 | 0.46×3.20 | 1.45 | | | 0.73 | | | 0.73 |
| | | 床積載 | 0.38×3.20 | 1.20 | | | 0.60 | | | 0.60 |
| | | | 計 | 3.82 | | | 1.91 | | | 1.91 |
| | X９ | 内壁 | 0.80×0.54 | 0.43 | 柱 | X９ | 0.22 | 柱 | X９ | 0.22 |
| | 又Y６-又 | | 計 | 0.43 | | 又Y６ | 0.22 | | 又 | 0.22 |
| | X９ | 床(2階ホール | 0.93×1.40 | 1.30 | 柱 | X９ | 0.65 | 柱 | X９ | 0.65 |
| | 又Y６-又 | 床積載 | 0.93×3.20 | 2.97 | | 又Y６ | 1.49 | | 又 | 1.49 |
| | | 床(2階ホール | 0.54×1.40 | 0.75 | | | 0.08 | | | 0.67 |
| | | 床積載 | 0.54×3.20 | 1.71 | | | 0.17 | | | 1.54 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X９ | 床(2階ホール | 0.10×1.40 | 0.14 | 柱 | X９ | 0.11 | 柱 | X９ | 0.04 |
| | 又Y６-又 | 床(2階ホール | 0.10×1.40 | 0.14 | | 又Y６ | 0.04 | | 又 | 0.11 |
| | | 床(2階ホール | 0.05×1.40 | 0.07 | | | 0.01 | | | 0.06 |
| | | 床(2階ホール | 0.09×1.40 | 0.13 | | | 0.01 | | | 0.12 |
| | | 床(2階ホール | 0.30×1.40 | 0.43 | | | 0.23 | | | 0.19 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.25 | | | 0.08 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.08 | | | 0.25 |
| | | 床積載 | 0.05×3.20 | 0.16 | | | 0.02 | | | 0.13 |
| | | 床積載 | 0.09×3.20 | 0.29 | | | 0.01 | | | 0.28 |
| | | 床積載 | 0.30×3.20 | 0.97 | | | 0.54 | | | 0.44 |
| | | | 計 | 10.17 | | | 3.90 | | | 6.27 |
| | X９-又X11 | 床(2階ホール | 0.58×1.40 | 0.81 | 梁 | X９ | 0.41 | 梁 | 又X10-又X11 | 0.41 |
| | 又-又Y６ | 床(2階ホール | 0.49×1.40 | 0.69 | | 又Y６-又 | 0.34 | | 又-又Y６ | 0.34 |
| | | 床積載 | 0.58×3.20 | 1.86 | | | 0.93 | | | 0.93 |
| | | 床積載 | 0.49×3.20 | 1.57 | | | 0.79 | | | 0.79 |
| | | | 計 | 4.93 | | | 2.47 | | | 2.47 |
| | X９ | 内壁 | 0.80×0.54 | 0.43 | 柱 | X９ | 0.22 | 柱 | X９ | 0.22 |
| | 又-又Y７ | | 計 | 0.43 | | 又 | 0.22 | | 又Y７ | 0.22 |
| | X９ | 床(2階ホール | 0.93×1.40 | 1.30 | 柱 | X９ | 0.65 | 柱 | X９ | 0.65 |
| | 又-又Y７ | 床積載 | 0.93×3.20 | 2.97 | | 又 | 1.49 | | 又Y７ | 1.49 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.11 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.11 | | | 0.04 |
| | | 床(2階ホール | 0.46×1.40 | 0.64 | | | 0.32 | | | 0.32 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.08 | | | 0.25 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.25 | | | 0.08 |
| | | 床積載 | 0.46×3.20 | 1.47 | | | 0.73 | | | 0.73 |
| | | | 計 | 7.76 | | | 3.88 | | | 3.88 |
| | X９ | 床(2階ホール | 0.72×1.40 | 1.01 | 柱 | X９ | 0.51 | 柱 | X９ | 0.51 |
| | 又Y７-又 | 床積載 | 0.72×3.20 | 2.31 | | 又Y７ | 1.16 | | 又 | 1.16 |
| | | 床(2階ホール | 0.66×1.40 | 0.92 | | | 0.87 | | | 0.05 |
| | | 床積載 | 0.66×3.20 | 2.10 | | | 1.98 | | | 0.11 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床(2階ホール | 0.10×1.40 | 0.14 | | | 0.11 | | | 0.04 |
| | | 床(2階ホール | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床(2階ホール | 0.13×1.40 | 0.18 | | | 0.17 | | | 0.00 |
| | | 床(2階ホール | 0.57×1.40 | 0.80 | | | 0.38 | | | 0.42 |
| | | 床(2階ホール | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床積載 | 0.10×3.20 | 0.33 | | | 0.25 | | | 0.08 |
| | | 床積載 | 0.05×3.20 | 0.17 | | | 0.04 | | | 0.12 |
| | | 床積載 | 0.13×3.20 | 0.41 | | | 0.40 | | | 0.01 |
| | | 床積載 | 0.57×3.20 | 1.83 | | | 0.87 | | | 0.97 |
| | | 床積載 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | | 計 | 10.71 | | | 6.97 | | | 3.74 |
| | X９ | 内壁 | 0.80×0.54 | 0.43 | 柱 | X９ | 0.22 | 柱 | X９ | 0.22 |
| | 又Y７-又 | | 計 | 0.43 | | 又Y７ | 0.22 | | 又 | 0.22 |
| | X９-又X11 | 床(2階ホール | 0.71×1.40 | 0.99 | 梁 | X９ | 0.49 | 梁 | 又X11-又X11 | 0.49 |
| | 又Y７-又Y６ | 床(2階ホール | 0.61×1.40 | 0.85 | | 又Y７-又 | 0.42 | | 又Y６-又 | 0.42 |
| | | 床積載 | 0.71×3.20 | 2.26 | | | 1.13 | | | 1.13 |
| | | 床積載 | 0.61×3.20 | 1.94 | | | 0.97 | | | 0.97 |
| | | | 計 | 6.03 | | | 3.02 | | | 3.02 |
| | X９ | 内壁 | 0.80×0.54 | 0.43 | 柱 | X９ | 0.22 | 柱 | X９ | 0.22 |
| | 又-Y８ | | 計 | 0.43 | | 又 | 0.22 | | Y８ | 0.22 |
| | X９ | 床(2階ホール | 0.74×1.40 | 1.04 | 柱 | X９ | 0.82 | 柱 | X９ | 0.22 |
| | 又-Y８ | 床積載 | 0.74×3.20 | 2.38 | | 又 | 1.88 | | Y８ | 0.50 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床(2階ホール | 0.21×1.40 | 0.29 | | | 0.14 | | | 0.14 |
| | | 床(2階ホール | 0.02×1.40 | 0.03 | | | 0.02 | | | 0.00 |
| | | 床(2階ホール | 0.21×1.40 | 0.30 | | | 0.27 | | | 0.03 |
| | | 床(2階ホール | 0.37×1.40 | 0.52 | | | 0.20 | | | 0.31 |
| | | 床積載 | 0.21×3.20 | 0.66 | | | 0.33 | | | 0.33 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | X９ | 床積載 | 0.02×3.20 | 0.06 | 柱 | X９ | 0.06 | 柱 | X９ | 0.01 |
| | 又-Y８ | 床積載 | 0.21×3.20 | 0.69 | | 又 | 0.62 | | Y８ | 0.07 |
| | | 床積載 | 0.37×3.20 | 1.18 | | | 0.47 | | | 0.72 |
| | | | 計 | 7.58 | | | 5.04 | | | 2.55 |
| | X９-又X12 | 床(2階ホール | 0.72×1.40 | 1.01 | 梁 | X９ | 0.50 | 梁 | 又X11-又X12 | 0.50 |
| | 又-又 | 床(2階ホール | 0.77×1.40 | 1.08 | | 又-Y８ | 0.54 | | 又-又Y７ | 0.54 |
| | | 床積載 | 0.72×3.20 | 2.30 | | | 1.15 | | | 1.15 |
| | | 床積載 | 0.77×3.20 | 2.46 | | | 1.23 | | | 1.23 |
| | | | 計 | 6.84 | | | 3.42 | | | 3.42 |
| | X９-又X９ | 床(2階ホール | 0.19×1.40 | 0.26 | 柱 | X９ | 0.00 | 柱 | 又X９ | 0.26 |
| | Y８ | 床積載 | 0.19×3.20 | 0.60 | | Y８ | 0.00 | | Y８ | 0.60 |
| | | 外壁 | 0.82×0.70 | 0.57 | | | 0.29 | | | 0.29 |
| | | 外壁 | 0.86×0.70 | 0.60 | | | 0.30 | | | 0.30 |
| | | 床(2階ホール | 0.07×1.40 | 0.11 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.07×3.20 | 0.24 | | | 0.12 | | | 0.12 |
| | | | 計 | 2.39 | | | 0.76 | | | 1.63 |
| | 又X９-又X９ | 内壁 | 1.20×0.54 | 0.65 | 梁 | X９-又X15 | 0.32 | 柱 | 又X９ | 0.32 |
| | 又-又Y４ | 床(2階床 | 0.08×1.40 | 0.11 | | 又-又 | 0.05 | | 又Y４ | 0.05 |
| | | 床(2階床 | 0.63×1.40 | 0.88 | | | 0.44 | | | 0.44 |
| | | 床積載 | 0.08×1.80 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.63×1.80 | 1.13 | | | 0.56 | | | 0.56 |
| | | | 計 | 2.90 | | | 1.45 | | | 1.45 |
| | 又X９-又X10 | 柱又X10又 | ×1.000 | 3.98 | 柱 | 又X９ | 0.39 | 柱 | 又X10 | 3.59 |
| | 又-又 | 内壁 | 2.39×0.54 | 1.29 | | 又 | 0.65 | | 又 | 0.65 |
| | | 内壁 | 2.06×0.54 | 1.11 | | | 0.61 | | | 0.50 |
| | | 内壁 | 0.23×0.54 | 0.12 | | | 0.01 | | | 0.12 |
| | | 床(2階床 | 0.38×1.40 | 0.54 | | | 0.27 | | | 0.27 |
| | | 床積載 | 0.38×1.80 | 0.69 | | | 0.34 | | | 0.34 |
| | | 床(2階床 | 0.76×1.40 | 1.06 | | | 0.53 | | | 0.53 |
| | | 床積載 | 0.76×1.80 | 1.37 | | | 0.68 | | | 0.68 |
| | | | 計 | 10.16 | | | 3.48 | | | 6.68 |
| | 又X９-又X10 | 外壁 | 1.14×0.70 | 0.80 | 柱 | 又X９ | 0.40 | 柱 | 又X10 | 0.40 |
| | Y８-又 | 外壁 | 1.19×0.70 | 0.83 | | Y８ | 0.42 | | 又 | 0.42 |
| | | 床(2階ホール | 0.05×1.40 | 0.07 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.05×3.20 | 0.17 | | | 0.08 | | | 0.08 |
| | | | 計 | 1.87 | | | 0.94 | | | 0.94 |
| | 又X９-又X10 | 床(2階床 | 2.13×1.50 | 3.21 | 柱 | 又X９ | 2.57 | 柱 | 又X10 | 0.64 |
| | 又Y４-又 | 床積載 | 2.13×1.80 | 3.84 | | 又Y４ | 3.08 | | 又 | 0.77 |
| | | 内壁 | 1.99×0.54 | 1.08 | | | 0.54 | | | 0.54 |
| | | 床(2階床 | 0.48×1.40 | 0.67 | | | 0.33 | | | 0.33 |
| | | 床(2階床 | 0.09×1.40 | 0.13 | | | 0.12 | | | 0.01 |
| | | 床(2階床 | 0.72×1.40 | 1.01 | | | 0.40 | | | 0.60 |
| | | 床積載 | 0.48×1.80 | 0.86 | | | 0.43 | | | 0.43 |
| | | 床積載 | 0.09×1.80 | 0.17 | | | 0.15 | | | 0.02 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.52 | | | 0.78 |
| | | | 計 | 12.26 | | | 8.14 | | | 4.12 |
| | 又X９-又X15 | 床(2階床 | 0.61×1.40 | 0.86 | 梁 | 又X９-又X10 | 0.43 | 梁 | 又X15-又X15 | 0.43 |
| | 又Y４-又 | 床積載 | 0.61×1.80 | 1.10 | | 又Y４-又 | 0.55 | | 又-又 | 0.55 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.04 | | | 0.21 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.05 | | | 0.27 |
| | | 床(2階床 | 0.72×1.40 | 1.01 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | 床(2階床 | 0.69×1.55 | 1.07 | | | 0.80 | | | 0.27 |
| | | 床(2階床 | 0.76×1.55 | 1.17 | | | 0.88 | | | 0.29 |
| | | 床(2階床 | 0.52×1.55 | 0.81 | | | 0.26 | | | 0.54 |
| | | 床(2階床 | 0.69×1.55 | 1.07 | | | 0.27 | | | 0.80 |
| | | 床(2階床 | 0.12×1.55 | 0.19 | | | 0.02 | | | 0.18 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.93 | | | 0.31 |
| | | 床積載 | 0.76×1.80 | 1.36 | | | 1.02 | | | 0.34 |
| | | 床積載 | 0.52×1.80 | 0.94 | | | 0.31 | | | 0.63 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.31 | | | 0.93 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又Ｘ９-又X15 | 床積載 | 0.12×1.80 | 0.22 | 梁 | 又Ｘ９-又X10 | 0.02 | 梁 | 又X15-又X15 | 0.20 |
| | 又Ｙ４-又 | | 計 | 14.16 | | 又Ｙ４-又 | 7.05 | | 又-又 | 7.11 |
| | 又Ｘ９-又X10 | 床(2階床 | 0.36×1.40 | 0.51 | 梁 | Ｘ９-又X12 | 0.25 | 梁 | Ｘ９-又X13 | 0.25 |
| | 又-又 | 床(2階床 | 0.13×1.40 | 0.18 | | 又Ｙ２-又 | 0.09 | | 又Ｙ２-又 | 0.09 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.32 | | | 0.32 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.11 | | | 0.11 |
| | | | 計 | 1.56 | | | 0.78 | | | 0.78 |
| | X10-又X10 | 床(2階ホール | 0.23×1.40 | 0.32 | 柱 | X10 | 0.19 | 柱 | 又X10 | 0.13 |
| | 又Ｙ５-又 | 床積載 | 0.23×3.20 | 0.74 | | 又Ｙ５ | 0.43 | | 又 | 0.31 |
| | | 内壁 | 0.54 | 0.00 | | | 0.00 | | | 0.00 |
| | | 内壁 | 1.91×0.54 | 1.03 | | | 0.51 | | | 0.52 |
| | | 内壁 | 0.54 | 0.00 | | | 0.00 | | | 0.00 |
| | | 内壁 | 1.82×0.54 | 0.98 | | | 0.49 | | | 0.49 |
| | | 床(階段 | 0.68×0.30 | 0.20 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.68×0.65 | 0.44 | | | 0.22 | | | 0.22 |
| | | 床(2階ホール | 0.14×1.40 | 0.19 | | | 0.15 | | | 0.04 |
| | | 床(2階ホール | 0.29×1.40 | 0.41 | | | 0.12 | | | 0.29 |
| | | 床積載 | 0.14×3.20 | 0.43 | | | 0.34 | | | 0.09 |
| | | 床積載 | 0.29×3.20 | 0.94 | | | 0.28 | | | 0.67 |
| | | 内壁 | 0.54 | 0.01 | | | 0.01 | | | 0.00 |
| | | | 計 | 5.71 | | | 2.84 | | | 2.86 |
| | X10-又X12 | 柱又X11又 | ×1.000 | 3.18 | 柱 | X10 | 0.98 | 柱 | 又X12 | 2.20 |
| | 又Ｙ５-又 | 床(2階床 | 0.46×1.40 | 0.65 | | 又Ｙ５ | 0.20 | | 又 | 0.45 |
| | | 床積載 | 0.46×1.80 | 0.83 | | | 0.26 | | | 0.58 |
| | | 内壁 | 4.36×0.54 | 2.36 | | | 1.18 | | | 1.18 |
| | | 内壁 | 2.87×0.54 | 1.55 | | | 1.02 | | | 0.54 |
| | | 内壁 | 1.29×0.54 | 0.69 | | | 0.11 | | | 0.59 |
| | | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.03 | | | 0.17 |
| | | 床(2階床 | 0.39×1.40 | 0.55 | | | 0.36 | | | 0.19 |
| | | 床積載 | 0.14×1.80 | 0.26 | | | 0.04 | | | 0.22 |
| | | 床積載 | 0.39×1.80 | 0.71 | | | 0.46 | | | 0.24 |
| | | 床(階段 | 1.54×0.30 | 0.46 | | | 0.23 | | | 0.23 |
| | | 床積載 | 1.54×0.65 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 12.44 | | | 5.37 | | | 7.07 |
| | 又X10-又X10 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X10 | 0.56 | 柱 | 又X10 | 0.56 |
| | 又-又 | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又 | 0.59 |
| | | 床(2階ホール | 0.26×1.40 | 0.36 | | | 0.18 | | | 0.18 |
| | | 床積載 | 0.26×3.20 | 0.82 | | | 0.41 | | | 0.41 |
| | | | 計 | 3.49 | | | 1.74 | | | 1.74 |
| | 又X10-又X10 | 内壁 | 1.59×0.54 | 0.86 | 柱 | 又X10 | 0.43 | 柱 | 又X10 | 0.43 |
| | 又-又 | 床(2階床 | 0.26×1.40 | 0.37 | | 又 | 0.18 | | 又 | 0.18 |
| | | 床(2階床 | 0.49×1.40 | 0.68 | | | 0.34 | | | 0.34 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.49×1.80 | 0.88 | | | 0.44 | | | 0.44 |
| | | | 計 | 3.26 | | | 1.63 | | | 1.63 |
| | 又X10-又X16 | 内壁 | 0.93×0.54 | 0.50 | 柱 | 又X10 | 0.33 | 梁 | 又X15-又X16 | 0.17 |
| | 又-又Ｙ３ | 床(2階床 | 0.43×1.40 | 0.60 | | 又 | 0.40 | | 又-又 | 0.20 |
| | | 床積載 | 0.43×1.80 | 0.77 | | | 0.51 | | | 0.26 |
| | | 柱又X12又Ｙ４ | ×0.824 | 0.44 | | | 0.29 | | | 0.15 |
| | | 内壁 | 0.94×0.54 | 0.51 | | | 0.19 | | | 0.32 |
| | | 床(2階床 | 0.34×1.40 | 0.48 | | | 0.18 | | | 0.30 |
| | | 床積載 | 0.34×1.80 | 0.61 | | | 0.23 | | | 0.38 |
| | | 柱又X14又 | ×0.824 | 0.79 | | | 0.30 | | | 0.50 |
| | | 内壁 | 0.40×0.54 | 0.22 | | | 0.03 | | | 0.18 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.04 | | | 0.22 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.05 | | | 0.28 |
| | | 床(2階床 | 0.61×1.40 | 0.86 | | | 0.43 | | | 0.43 |
| | | 床積載 | 0.61×1.80 | 1.10 | | | 0.55 | | | 0.55 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.07 | | | 0.36 |
| | | 床(2階床 | 0.27×1.40 | 0.38 | | | 0.06 | | | 0.32 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.08 | | | 0.41 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X10-又X16 | 床(2階床 | 0.19×1.55 | 0.30 | 柱 | 又X10 | 0.15 | 梁 | 又X15-又X16 | 0.14 |
| | 又-又Y３ | 床積載 | 0.19×1.80 | 0.34 | | 又 | 0.18 | | 又-又 | 0.17 |
| | | 床(2階床 | 0.51×1.55 | 0.80 | | | 0.66 | | | 0.13 |
| | | 床(2階床 | 0.24×1.55 | 0.38 | | | 0.19 | | | 0.18 |
| | | 床(2階床 | 0.33×1.55 | 0.51 | | | 0.14 | | | 0.38 |
| | | 床(2階床 | 0.24×1.55 | 0.37 | | | 0.03 | | | 0.34 |
| | | 床(2階床 | 0.69×1.55 | 1.07 | | | 0.80 | | | 0.27 |
| | | 床(2階床 | 0.47×1.55 | 0.74 | | | 0.24 | | | 0.49 |
| | | 床(2階床 | 0.10×1.55 | 0.16 | | | 0.01 | | | 0.15 |
| | | 床積載 | 0.51×1.80 | 0.92 | | | 0.77 | | | 0.16 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.23 | | | 0.21 |
| | | 床積載 | 0.33×1.80 | 0.59 | | | 0.16 | | | 0.44 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.03 | | | 0.39 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.93 | | | 0.31 |
| | | 床積載 | 0.47×1.80 | 0.85 | | | 0.28 | | | 0.57 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.01 | | | 0.17 |
| | | 内壁 | 1.80×0.54 | 0.97 | | | 0.49 | | | 0.48 |
| | | 内壁 | 0.22×0.54 | 0.12 | | | 0.07 | | | 0.05 |
| | | | 計 | 19.19 | | | 9.13 | | | 10.07 |
| | 又X10-又X10 | 床(2階床 | 0.35×1.40 | 0.49 | 梁 | Ｘ９-又X13 | 0.24 | 梁 | Ｘ９-又X13 | 0.24 |
| | 又-又Y２ | 床(2階床 | 0.72×1.40 | 1.01 | | 又Y２-又 | 0.50 | | 又-又 | 0.50 |
| | | 床積載 | 0.35×1.80 | 0.62 | | | 0.31 | | | 0.31 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 3.42 | | | 1.71 | | | 1.71 |
| | 又X10-又X11 | 柱又X10又 | ×1.000 | 8.29 | 梁 | Ｘ９-又X12 | 4.37 | 梁 | Ｘ９-又X12 | 3.91 |
| | 又-又 | 外壁 | 0.93×0.70 | 0.65 | | 又-又 | 0.34 | | 又Y２-又 | 0.31 |
| | | 内壁 | 0.87×0.54 | 0.47 | | | 0.25 | | | 0.22 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.13 | | | 0.12 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.17 | | | 0.15 |
| | | 外壁 | 1.57×0.70 | 1.10 | | | 0.58 | | | 0.52 |
| | | 内壁 | 1.49×0.54 | 0.80 | | | 0.42 | | | 0.38 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.22 | | | 0.20 |
| | | 床積載 | 0.30×1.80 | 0.55 | | | 0.29 | | | 0.26 |
| | | 床(2階床 | 0.18×1.40 | 0.26 | | | 0.07 | | | 0.19 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.13 | | | 0.37 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.09 | | | 0.25 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.17 | | | 0.48 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.28 | | | 0.09 |
| | | 床(2階床 | 0.17×1.40 | 0.23 | | | 0.18 | | | 0.05 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.36 | | | 0.11 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.23 | | | 0.07 |
| | | | 計 | 15.97 | | | 8.28 | | | 7.68 |
| | 又X10-又X10 | 床(2階ホール | 0.41×1.40 | 0.58 | 柱 | 又X10 | 0.24 | 柱 | 又X10 | 0.34 |
| | 又-又 | 床積載 | 0.41×3.20 | 1.33 | | 又 | 0.54 | | 又 | 0.79 |
| | | 内壁 | 0.80×0.54 | 0.43 | | | 0.22 | | | 0.22 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.21 | | | 0.21 |
| | | 床(階段 | 0.28×0.30 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.28×0.65 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床(2階ホール | 0.04×1.40 | 0.05 | | | 0.01 | | | 0.04 |
| | | 床(2階ホール | 0.07×1.40 | 0.10 | | | 0.07 | | | 0.03 |
| | | 床積載 | 0.04×3.20 | 0.12 | | | 0.02 | | | 0.09 |
| | | 床積載 | 0.07×3.20 | 0.23 | | | 0.16 | | | 0.07 |
| | | | 計 | 3.52 | | | 1.60 | | | 1.92 |
| | 又X10-又X11 | 床(2階床 | 0.46×1.40 | 0.64 | 柱 | 又X10 | 0.32 | 梁 | Ｘ９-又X12 | 0.32 |
| | 又-又 | 床(2階床 | 0.41×1.40 | 0.57 | | 又 | 0.29 | | 又Y５-又 | 0.29 |
| | | 床積載 | 0.46×1.80 | 0.82 | | | 0.41 | | | 0.41 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.37 | | | 0.37 |
| | | | 計 | 2.78 | | | 1.39 | | | 1.39 |
| | 又X10-又X12 | 柱又X12又 | ×1.000 | 7.17 | 柱 | 又X10 | 0.36 | 柱 | 又X12 | 6.81 |
| | 又-又 | 内壁 | 0.83×0.54 | 0.45 | | 又 | 0.02 | | 又 | 0.42 |
| | | 床(2階床 | 0.48×1.40 | 0.67 | | | 0.03 | | | 0.63 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X10-又X12 | 床積載 | 0.48×1.80 | 0.86 | 柱 | 又X10 | 0.04 | 柱 | 又X12 | 0.81 |
| | 又-又 | 柱又X12又Y４ | ×0.176 | 0.09 | | 又 | 0.00 | | 又 | 0.09 |
| | | 床(2階床 | 1.74×1.42 | 2.47 | | | 0.49 | | | 1.97 |
| | | 床積載 | 1.74×1.80 | 3.13 | | | 0.63 | | | 2.50 |
| | | 内壁 | 3.99×0.54 | 2.15 | | | 1.08 | | | 1.08 |
| | | 内壁 | 0.19×0.54 | 0.10 | | | 0.00 | | | 0.10 |
| | | 内壁 | 3.61×0.54 | 1.95 | | | 1.02 | | | 0.92 |
| | | 床(2階床 | 0.43×1.40 | 0.61 | | | 0.36 | | | 0.24 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.02 | | | 0.14 |
| | | 床積載 | 0.43×1.80 | 0.78 | | | 0.47 | | | 0.31 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.02 | | | 0.18 |
| | | 床(2階床 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床積載 | 0.01 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床(2階床 | 0.47×1.40 | 0.66 | | | 0.35 | | | 0.31 |
| | | 床積載 | 0.47×1.80 | 0.84 | | | 0.44 | | | 0.40 |
| | | | 計 | 22.29 | | | 5.34 | | | 16.94 |
| | 又X10-又X11 | 床(2階床 | 0.47×1.40 | 0.65 | 梁 | X９-又X13 | 0.33 | 梁 | X９-又X14 | 0.33 |
| | 又Y２-又 | 床(2階床 | 0.72×1.40 | 1.01 | | 又-又 | 0.50 | | 又-又 | 0.50 |
| | | 床積載 | 0.47×1.80 | 0.84 | | | 0.42 | | | 0.42 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 3.79 | | | 1.90 | | | 1.90 |
| | 又X10-又X11 | 外壁 | 1.85×0.70 | 1.30 | 梁 | 又X10-又X11 | 0.65 | 梁 | 又X11-又X12 | 0.65 |
| | 又-又 | 内壁 | 1.75×0.54 | 0.94 | | 又-又 | 0.47 | | 又-又 | 0.47 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.11 | | | 0.11 |
| | | 床積載 | 0.16×1.80 | 0.29 | | | 0.14 | | | 0.14 |
| | | | 計 | 3.38 | | | 1.69 | | | 1.69 |
| | 又X10-又X11 | 床(2階ホール | 0.54×1.40 | 0.75 | 柱 | 又X10 | 0.40 | 柱 | 又X11 | 0.35 |
| | 又-又Y６ | 床積載 | 0.54×3.20 | 1.71 | | 又 | 0.91 | | 又Y６ | 0.80 |
| | | 内壁 | 2.72×0.54 | 1.47 | | | 0.73 | | | 0.73 |
| | | 床(階段 | 0.96×0.30 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.96×0.65 | 0.62 | | | 0.31 | | | 0.31 |
| | | 床(2階ホール | 0.59×1.40 | 0.83 | | | 0.22 | | | 0.61 |
| | | 床(2階ホール | 0.45×1.40 | 0.63 | | | 0.48 | | | 0.15 |
| | | 床積載 | 0.59×3.20 | 1.90 | | | 0.50 | | | 1.39 |
| | | 床積載 | 0.45×3.20 | 1.43 | | | 1.10 | | | 0.34 |
| | | | 計 | 9.63 | | | 4.80 | | | 4.82 |
| | 又X10-又X12 | 内壁 | 3.50×0.54 | 1.89 | 柱 | 又X10 | 0.95 | 柱 | 又X12 | 0.95 |
| | 又-又 | | 計 | 1.89 | | 又 | 0.95 | | 又 | 0.95 |
| | 又X10-又X11 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X10 | 0.57 | 柱 | 又X11 | 0.57 |
| | 又-又 | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又 | 0.59 |
| | | 床(2階ホール | 0.28×1.40 | 0.39 | | | 0.20 | | | 0.20 |
| | | 床積載 | 0.28×3.20 | 0.90 | | | 0.45 | | | 0.45 |
| | | | 計 | 3.60 | | | 1.80 | | | 1.80 |
| | 又X11-又X11 | 外壁 | 2.97×0.70 | 2.08 | 柱 | 又X11 | 1.04 | 柱 | 又X11 | 1.04 |
| | 又-又 | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又 | 0.59 |
| | | 床(2階床 | 0.06×1.40 | 0.09 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.06×1.80 | 0.12 | | | 0.06 | | | 0.06 |
| | | | 計 | 3.47 | | | 1.73 | | | 1.73 |
| | 又X11-又X11 | 床(2階床 | 0.41×1.40 | 0.57 | 梁 | X９-又X12 | 0.29 | 梁 | X10-又X12 | 0.29 |
| | 又-又 | 床(2階床 | 0.52×1.40 | 0.72 | | 又Y５-又 | 0.36 | | 又Y５-又 | 0.36 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.37 | | | 0.37 |
| | | 床積載 | 0.52×1.80 | 0.93 | | | 0.46 | | | 0.46 |
| | | | 計 | 2.96 | | | 1.48 | | | 1.48 |
| | 又X11-又X11 | 床(2階床 | 0.58×1.40 | 0.82 | 梁 | X９-又X14 | 0.41 | 梁 | X９-又X14 | 0.41 |
| | 又-又 | 床(2階床 | 0.72×1.40 | 1.01 | | 又-又 | 0.50 | | 又-又Y２ | 0.50 |
| | | 床積載 | 0.58×1.80 | 1.05 | | | 0.53 | | | 0.53 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 4.18 | | | 2.09 | | | 2.09 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X11-又X12 | 柱又X11又 | ×1.000 | 3.33 | 梁 | X９-又X12 | 1.76 | 梁 | X９-又X12 | 1.57 |
| | 又-又 | 外壁 | 0.81×0.70 | 0.56 | | 又-又 | 0.30 | | 又Y２-又 | 0.27 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.22 | | | 0.19 |
| | | 床(2階床 | 0.15×1.40 | 0.22 | | | 0.11 | | | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.15 | | | 0.13 |
| | | 外壁 | 0.93×0.70 | 0.65 | | | 0.34 | | | 0.31 |
| | | 内壁 | 0.87×0.54 | 0.47 | | | 0.25 | | | 0.22 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.13 | | | 0.12 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.17 | | | 0.15 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.07 | | | 0.20 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.06 | | | 0.17 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.09 | | | 0.25 |
| | | 床積載 | 0.16×1.80 | 0.29 | | | 0.08 | | | 0.21 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.18 | | | 0.06 |
| | | 床(2階床 | 0.14×1.40 | 0.20 | | | 0.15 | | | 0.05 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.24 | | | 0.07 |
| | | 床積載 | 0.14×1.80 | 0.26 | | | 0.20 | | | 0.06 |
| | | | 計 | 8.63 | | | 4.49 | | | 4.14 |
| | 又X11-又X11 | 柱又X11又Y１ | ×1.000 | 0.21 | | 受材２へ | | 柱 | 又X11 | 0.21 |
| | 又Y１-又 | サイディング(N/m²) | 0.47×0.70 | 0.33 | | | | | 又 | 0.33 |
| | | | 計 | 0.54 | | | | | | 0.54 |
| | 又X11-又X12 | 床(2階床 | 0.70×1.40 | 0.99 | 梁 | X９-又X14 | 0.49 | 梁 | X９-又X15 | 0.49 |
| | 又-又Y３ | 床(2階床 | 0.72×1.40 | 1.01 | | 又-又Y２ | 0.50 | | 又-又 | 0.50 |
| | | 床積載 | 0.70×1.80 | 1.27 | | | 0.63 | | | 0.63 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 4.56 | | | 2.28 | | | 2.28 |
| | 又X11-又X12 | 外壁 | 1.61×0.70 | 1.13 | 梁 | 又X11-又X12 | 0.56 | 梁 | 又X11-又X12 | 0.56 |
| | 又-又 | 内壁 | 1.52×0.54 | 0.82 | | 又-又 | 0.41 | | 又-又 | 0.41 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.16 | | | 0.16 |
| | | 床(2階床 | 0.14×1.40 | 0.19 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.14×1.80 | 0.25 | | | 0.12 | | | 0.12 |
| | | | 計 | 2.94 | | | 1.47 | | | 1.47 |
| | 又X11-又X11 | 床(2階ホール | 0.66×1.40 | 0.92 | 柱 | 又X11 | 0.70 | 柱 | 又X11 | 0.22 |
| | 又Y６-又 | 床積載 | 0.66×3.20 | 2.10 | | 又Y６ | 1.59 | | 又 | 0.51 |
| | | 内壁 | 0.61×0.54 | 0.33 | | | 0.17 | | | 0.17 |
| | | 内壁 | 0.58×0.54 | 0.32 | | | 0.16 | | | 0.16 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | 床(2階ホール | 0.11×1.40 | 0.16 | | | 0.06 | | | 0.10 |
| | | 床(2階ホール | 0.01×1.40 | 0.02 | | | 0.01 | | | 0.00 |
| | | 床積載 | 0.11×3.20 | 0.37 | | | 0.14 | | | 0.23 |
| | | 床積載 | 0.01×3.20 | 0.04 | | | 0.03 | | | 0.00 |
| | | | 計 | 5.23 | | | 3.35 | | | 1.88 |
| | 又X11-又X15 | 柱又X13又 | ×1.000 | 2.96 | 柱 | 又X11 | 1.52 | 柱 | 又X15 | 1.44 |
| | 又Y６-又 | 内壁 | 2.87×0.54 | 1.55 | | 又Y６ | 1.17 | | 又 | 0.38 |
| | | 内壁 | 3.04×0.54 | 1.64 | | | 0.42 | | | 1.22 |
| | | 床(2階床 | 0.35×1.40 | 0.49 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.35×1.80 | 0.62 | | | 0.31 | | | 0.31 |
| | | 床(階段 | 2.19×0.30 | 0.65 | | | 0.32 | | | 0.32 |
| | | 床積載 | 2.19×0.65 | 1.43 | | | 0.71 | | | 0.71 |
| | | | 計 | 9.34 | | | 4.71 | | | 4.63 |
| | 又X11-又X12 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X11 | 0.56 | 柱 | 又X12 | 0.56 |
| | 又-又Y７ | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又Y７ | 0.59 |
| | | 床(2階ホール | 0.09×1.40 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.09×3.20 | 0.30 | | | 0.15 | | | 0.15 |
| | | | 計 | 2.74 | | | 1.37 | | | 1.37 |
| | 又X11-又X12 | 床(2階床 | 0.66×1.40 | 0.93 | 柱 | 又X11 | 0.53 | 柱 | 又X12 | 0.40 |
| | 又-又Y７ | 床積載 | 0.66×1.80 | 1.19 | | 又 | 0.68 | | 又Y７ | 0.51 |
| | | 床(2階ホール | 0.74×1.40 | 1.04 | | | 0.59 | | | 0.45 |
| | | 床積載 | 0.74×3.20 | 2.38 | | | 1.36 | | | 1.02 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X11-又X12 | 内壁 | 2.63×0.54 | 1.42 | 柱 | 又X11 | 0.71 | 柱 | 又X12 | 0.71 |
| | 又-又Y７ | 内壁 | 2.51×0.54 | 1.35 | | 又 | 0.68 | | 又Y７ | 0.68 |
| | | 床(2階床 | 0.57×1.40 | 0.80 | | | 0.62 | | | 0.17 |
| | | 床(2階床 | 0.75×1.40 | 1.05 | | | 0.30 | | | 0.75 |
| | | 床積載 | 0.57×1.80 | 1.02 | | | 0.80 | | | 0.22 |
| | | 床積載 | 0.75×1.80 | 1.35 | | | 0.39 | | | 0.97 |
| | | 床(2階ホール | 0.61×1.40 | 0.85 | | | 0.67 | | | 0.18 |
| | | 床(2階ホール | 0.77×1.40 | 1.08 | | | 0.31 | | | 0.77 |
| | | 床積載 | 0.61×3.20 | 1.95 | | | 1.53 | | | 0.42 |
| | | 床積載 | 0.77×3.20 | 2.46 | | | 0.70 | | | 1.76 |
| | | | 計 | 18.88 | | | 9.87 | | | 9.02 |
| | 又X11-又X15 | 床(2階床 | 0.27×1.40 | 0.38 | 柱 | 又X11 | 0.19 | 梁 | 又X15-又X16 | 0.19 |
| | 又-又 | 床(2階床 | 0.61×1.40 | 0.85 | | 又 | 0.43 | | 又-又Y６ | 0.43 |
| | | 床積載 | 0.27×1.80 | 0.49 | | | 0.25 | | | 0.25 |
| | | 床積載 | 0.61×1.80 | 1.09 | | | 0.55 | | | 0.55 |
| | | | 計 | 2.82 | | | 1.41 | | | 1.41 |
| | 又X11-又X12 | 柱又X12又 | ×1.000 | 3.03 | 柱 | 又X11 | 1.20 | 柱 | 又X12 | 1.83 |
| | 又-又 | 外壁 | 0.81×0.70 | 0.56 | | 又 | 0.22 | | 又 | 0.34 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.16 | | | 0.25 |
| | | 床(2階床 | 0.15×1.40 | 0.22 | | | 0.09 | | | 0.13 |
| | | 床積載 | 0.15×1.80 | 0.28 | | | 0.11 | | | 0.17 |
| | | 外壁 | 1.22×0.70 | 0.85 | | | 0.64 | | | 0.21 |
| | | 内壁 | 1.15×0.54 | 0.62 | | | 0.47 | | | 0.16 |
| | | 床(2階床 | 1.13×1.40 | 1.59 | | | 1.19 | | | 0.40 |
| | | 床積載 | 1.13×1.80 | 2.04 | | | 1.53 | | | 0.51 |
| | | 柱又X10又 | ×0.221 | 1.83 | | | 1.37 | | | 0.46 |
| | | 柱又X11又 | ×0.385 | 1.28 | | | 0.96 | | | 0.32 |
| | | 外壁 | 1.95×0.70 | 1.36 | | | 0.95 | | | 0.41 |
| | | 外壁 | 2.04×0.70 | 1.43 | | | 1.00 | | | 0.43 |
| | | 外壁 | 1.27×0.70 | 0.89 | | | 0.18 | | | 0.72 |
| | | 外壁 | 1.33×0.70 | 0.93 | | | 0.18 | | | 0.75 |
| | | サイディング(N/m2) | 0.86×0.70 | 0.60 | | | 0.42 | | | 0.18 |
| | | 床(2階床 | 0.17×1.40 | 0.23 | | | 0.05 | | | 0.19 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.06 | | | 0.24 |
| | | 床(2階床 | 0.37×1.40 | 0.52 | | | 0.45 | | | 0.06 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.12 | | | 0.09 |
| | | 床積載 | 0.37×1.80 | 0.66 | | | 0.58 | | | 0.08 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.15 | | | 0.11 |
| | | | 計 | 20.12 | | | 12.08 | | | 8.04 |
| | 又X12-又X12 | 床(2階床 | 0.73×1.40 | 1.02 | 梁 | X９-又X15 | 0.51 | 梁 | 又X９-又X15 | 0.51 |
| | 又Y３-又 | 床(2階床 | 0.72×1.40 | 1.01 | | 又-又 | 0.50 | | 又Y４-又 | 0.50 |
| | | 床積載 | 0.73×1.80 | 1.31 | | | 0.66 | | | 0.66 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 0.65 | | | 0.65 |
| | | | 計 | 4.64 | | | 2.32 | | | 2.32 |
| | 又X12-又X12 | 内壁 | 0.51×0.54 | 0.27 | 梁 | 又X10-又X16 | 0.23 | 梁 | 又X10-又X12 | 0.05 |
| | 又Y４-又 | 柱又X12又Y４ | ×1.000 | 0.53 | | 又-又Y３ | 0.44 | | 又-又 | 0.09 |
| | | 内壁 | 1.25×0.54 | 0.68 | | | 0.28 | | | 0.40 |
| | | 床(2階床 | 0.39×1.40 | 0.54 | | | 0.22 | | | 0.32 |
| | | 床積載 | 0.39×1.80 | 0.69 | | | 0.29 | | | 0.41 |
| | | 床(2階床 | 0.50×1.40 | 0.69 | | | 0.35 | | | 0.35 |
| | | 床(2階床 | 0.02×1.40 | 0.03 | | | 0.03 | | | 0.00 |
| | | 床積載 | 0.50×1.80 | 0.89 | | | 0.45 | | | 0.45 |
| | | 床積載 | 0.02×1.80 | 0.04 | | | 0.04 | | | 0.00 |
| | | | 計 | 4.38 | | | 2.32 | | | 2.06 |
| | 又X12-又X15 | 床(2階床 | 0.53×1.40 | 0.75 | 梁 | 又X11-又X12 | 0.37 | 梁 | 又X15-又X16 | 0.37 |
| | 又-又 | 床(2階床 | 0.79×1.40 | 1.11 | | 又-又Y７ | 0.56 | | 又-又Y６ | 0.56 |
| | | 床積載 | 0.53×1.80 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床積載 | 0.79×1.80 | 1.43 | | | 0.71 | | | 0.71 |
| | | | 計 | 4.25 | | | 2.12 | | | 2.12 |
| | 又X12-又X13 | 床(2階床 | 0.83×1.40 | 1.16 | 梁 | 又X10-又X12 | 0.58 | 柱 | 又X13 | 0.58 |
| | 又-又 | 床積載 | 0.83×1.80 | 1.49 | | 又-又 | 0.75 | | 又 | 0.75 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X12-又X13 | 床(2階床 | 1.41×1.45 | 2.03 | 梁 | 又X10-又X12 | 1.02 | 柱 | 又X13 | 1.02 |
| | 又-又 | 床積載 | 1.41×1.80 | 2.53 | | 又-又 | 1.27 | | 又 | 1.27 |
| | | 床(2階床 | 0.42×1.40 | 0.59 | | | 0.44 | | | 0.15 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.21 | | | 0.07 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.07 | | | 0.21 |
| | | 床(2階床 | 0.42×1.40 | 0.59 | | | 0.15 | | | 0.44 |
| | | 床積載 | 0.42×1.80 | 0.75 | | | 0.56 | | | 0.19 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.27 | | | 0.09 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.09 | | | 0.27 |
| | | 床積載 | 0.42×1.80 | 0.75 | | | 0.19 | | | 0.56 |
| | | | 計 | 11.19 | | | 5.60 | | | 5.60 |
| | 又X12-又X13 | 内壁 | 1.84×0.54 | 0.99 | 柱 | 又X12 | 0.50 | 柱 | 又X13 | 0.50 |
| | 又-又 | 内壁 | 1.75×0.54 | 0.95 | | 又 | 0.47 | | 又 | 0.47 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.18 | | | 0.18 |
| | | 床積載 | 0.25×1.80 | 0.45 | | | 0.23 | | | 0.23 |
| | | 床(階段 | 0.65×0.30 | 0.19 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.65×0.65 | 0.42 | | | 0.21 | | | 0.21 |
| | | | 計 | 3.36 | | | 1.68 | | | 1.68 |
| | 又X12-又X13 | 床(2階床 | 0.73×1.40 | 1.02 | 梁 | 又X９-又X15 | 0.51 | 梁 | 又X10-又X16 | 0.51 |
| | 又-又 | 床(2階床 | 0.49×1.40 | 0.69 | | 又Y４-又 | 0.34 | | 又-又Y３ | 0.34 |
| | | 床積載 | 0.73×1.80 | 1.31 | | | 0.66 | | | 0.66 |
| | | 床積載 | 0.49×1.80 | 0.89 | | | 0.44 | | | 0.44 |
| | | | 計 | 3.91 | | | 1.95 | | | 1.95 |
| | 又X12-又X13 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X12 | 0.56 | 柱 | 又X13 | 0.56 |
| | 又Y７-又Y７ | 外壁 | 1.69×0.70 | 1.18 | | 又Y７ | 0.59 | | 又Y７ | 0.59 |
| | | 床(2階床 | 0.10×1.40 | 0.13 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.09 | | | 0.09 |
| | | | 計 | 2.61 | | | 1.31 | | | 1.31 |
| | 又X12-又X13 | 床(2階床 | 0.26×1.40 | 0.36 | 柱 | 又X12 | 0.18 | 柱 | 又X13 | 0.18 |
| | 又-又Y４ | 床積載 | 0.26×1.80 | 0.47 | | 又 | 0.23 | | 又Y４ | 0.23 |
| | | 内壁 | 1.59×0.54 | 0.86 | | | 0.43 | | | 0.43 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.41 | | | 0.41 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.11 | | | 0.04 |
| | | 床(2階床 | 0.07×1.40 | 0.10 | | | 0.03 | | | 0.08 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.14 | | | 0.05 |
| | | 床積載 | 0.07×1.80 | 0.13 | | | 0.03 | | | 0.10 |
| | | 床(2階床 | 0.24×1.40 | 0.34 | | | 0.17 | | | 0.17 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.22 | | | 0.22 |
| | | | 計 | 3.86 | | | 1.96 | | | 1.90 |
| | 又X12-又X15 | 床(2階床 | 0.26×1.40 | 0.36 | 梁 | 又X12-又X13 | 0.22 | 梁 | 又X14-又X15 | 0.14 |
| | 又-又Y４ | 床積載 | 0.26×1.80 | 0.47 | | 又-又 | 0.28 | | 又Y４-又 | 0.19 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.22 | | | 0.14 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.28 | | | 0.19 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.22 | | | 0.06 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.12 | | | 0.29 |
| | | 床(2階床 | 0.22×1.40 | 0.30 | | | 0.24 | | | 0.06 |
| | | 床(2階床 | 0.32×1.40 | 0.45 | | | 0.14 | | | 0.32 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.29 | | | 0.07 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.16 | | | 0.37 |
| | | 床積載 | 0.22×1.80 | 0.39 | | | 0.31 | | | 0.08 |
| | | 床積載 | 0.32×1.80 | 0.58 | | | 0.17 | | | 0.41 |
| | | | 計 | 4.97 | | | 2.65 | | | 2.32 |
| | 又X12-又X13 | 床(2階床 | 0.97×1.45 | 1.41 | 柱 | 又X12 | 1.06 | 柱 | 又X13 | 0.35 |
| | 又-又 | 床積載 | 0.97×1.80 | 1.75 | | 又 | 1.31 | | 又 | 0.44 |
| | | 床(2階床 | 1.52×1.45 | 2.21 | | | 0.55 | | | 1.66 |
| | | 床積載 | 1.52×1.80 | 2.74 | | | 0.68 | | | 2.05 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | 床(2階床 | 0.36×1.40 | 0.51 | | | 0.45 | | | 0.06 |
| | | 床(2階床 | 0.73×1.40 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床(2階床 | 0.35×1.40 | 0.49 | | | 0.06 | | | 0.43 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X12-又X13 | 床積載 | 0.36×1.80 | 0.65 | 柱 | 又X12 | 0.57 | 柱 | 又X13 | 0.08 |
| | 又-又 | 床積載 | 0.73×1.80 | 1.31 | | 又 | 0.66 | | 又 | 0.66 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.08 | | | 0.55 |
| | | | 計 | 17.33 | | | 8.24 | | | 9.10 |
| | 又X13-又X13 | 床(2階床 | 0.21×1.40 | 0.30 | 梁 | 又X12-又X13 | 0.15 | 梁 | 又X12-又X15 | 0.15 |
| | 又Y４-又 | 床(2階床 | 0.31×1.40 | 0.43 | | 又-又Y４ | 0.21 | | 又-又Y４ | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.28 | | | 0.28 |
| | | | 計 | 1.66 | | | 0.83 | | | 0.83 |
| | 又X13-又X13 | 内壁 | 0.80×0.54 | 0.43 | 柱 | 又X13 | 0.22 | 柱 | 又X13 | 0.22 |
| | 又-又 | 内壁 | 0.76×0.54 | 0.41 | | 又 | 0.21 | | 又 | 0.21 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.09×1.80 | 0.15 | | | 0.08 | | | 0.08 |
| | | 床(階段 | 0.28×0.30 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.28×0.65 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 1.38 | | | 0.69 | | | 0.69 |
| | 又X13-又X15 | 床(2階床 | 0.26×1.40 | 0.36 | 柱 | 又X13 | 0.22 | 柱 | 又X15 | 0.14 |
| | 又-又 | 床積載 | 0.26×1.80 | 0.47 | | 又 | 0.28 | | 又 | 0.19 |
| | | 内壁 | 0.20×0.54 | 0.11 | | | 0.06 | | | 0.04 |
| | | 床(2階床 | 2.01×1.44 | 2.90 | | | 1.74 | | | 1.16 |
| | | 床積載 | 2.01×1.80 | 3.62 | | | 2.17 | | | 1.45 |
| | | 柱又X16又 | ×0.142 | 0.10 | | | 0.06 | | | 0.04 |
| | | 床(2階床 | 2.02×1.44 | 2.90 | | | 0.58 | | | 2.32 |
| | | 床積載 | 2.02×1.80 | 3.63 | | | 0.73 | | | 2.90 |
| | | 内壁 | 3.99×0.54 | 2.15 | | | 1.08 | | | 1.08 |
| | | 内壁 | 3.80×0.54 | 2.05 | | | 1.03 | | | 1.03 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.14 | | | 0.21 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.28 | | | 0.07 |
| | | 床(2階床 | 0.13×1.40 | 0.18 | | | 0.02 | | | 0.16 |
| | | 床積載 | 0.25×1.80 | 0.45 | | | 0.18 | | | 0.27 |
| | | 床積載 | 0.25×1.80 | 0.45 | | | 0.36 | | | 0.09 |
| | | 床積載 | 0.13×1.80 | 0.23 | | | 0.02 | | | 0.20 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.22 | | | 0.06 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.12 | | | 0.29 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.29 | | | 0.07 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.16 | | | 0.37 |
| | | | 計 | 21.86 | | | 9.73 | | | 12.14 |
| | 又X13-又X13 | 外壁 | 0.53×0.70 | 0.37 | 柱 | 又X13 | 0.19 | 柱 | 又X13 | 0.19 |
| | 又Y７-又 | 外壁 | 0.56×0.70 | 0.39 | | 又Y７ | 0.19 | | 又 | 0.19 |
| | | 床(2階床 | 0.07×1.40 | 0.10 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.07×1.80 | 0.13 | | | 0.07 | | | 0.07 |
| | | | 計 | 1.00 | | | 0.50 | | | 0.50 |
| | 又X13-又X13 | 内壁 | 1.04×0.54 | 0.56 | 柱 | 又X13 | 0.28 | 柱 | 又X13 | 0.28 |
| | 又-又 | 内壁 | 0.99×0.54 | 0.54 | | 又 | 0.27 | | 又 | 0.27 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床(階段 | 0.37×0.30 | 0.11 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.37×0.65 | 0.24 | | | 0.12 | | | 0.12 |
| | | | 計 | 1.92 | | | 0.96 | | | 0.96 |
| | 又X13-又X14 | 柱又X14又Y４ | ×1.000 | 6.30 | 柱 | 又X13 | 0.80 | 柱 | 又X14 | 5.50 |
| | 又Y４-又Y４ | 内壁 | 0.83×0.54 | 0.45 | | 又Y４ | 0.06 | | 又Y４ | 0.39 |
| | | 床(2階床 | 0.39×1.40 | 0.55 | | | 0.07 | | | 0.48 |
| | | 床積載 | 0.39×1.80 | 0.70 | | | 0.09 | | | 0.61 |
| | | 柱又X14又 | ×0.176 | 0.17 | | | 0.02 | | | 0.15 |
| | | 内壁 | 1.59×0.54 | 0.86 | | | 0.43 | | | 0.43 |
| | | 内壁 | 0.19×0.54 | 0.10 | | | 0.01 | | | 0.10 |
| | | 内壁 | 1.33×0.54 | 0.72 | | | 0.40 | | | 0.31 |
| | | 床(2階床 | 0.25×1.40 | 0.35 | | | 0.18 | | | 0.18 |
| | | 床積載 | 0.25×1.80 | 0.45 | | | 0.23 | | | 0.23 |
| | | 床(2階床 | 0.15×1.40 | 0.21 | | | 0.12 | | | 0.09 |
| | | 床積載 | 0.15×1.80 | 0.27 | | | 0.15 | | | 0.12 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X13-又X14 | 床(2階床 | 0.01 | 0.01 | 柱 | 又X13 | 0.00 | 柱 | 又X14 | 0.01 |
| | 又Y４-又Y４ | 床積載 | 0.01 | 0.01 | | 又Y４ | 0.00 | | 又Y４ | 0.01 |
| | | | 計 | 11.14 | | | 2.54 | | | 8.59 |
| | 又X13-又X14 | 床(2階床 | 0.21×1.40 | 0.30 | 梁 | 又X12-又X15 | 0.15 | 梁 | 又X13-又X15 | 0.15 |
| | 又-又 | 床(2階床 | 0.31×1.40 | 0.43 | | 又-又Y４ | 0.21 | | 又-又 | 0.21 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.19 | | | 0.19 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.28 | | | 0.28 |
| | | | 計 | 1.66 | | | 0.83 | | | 0.83 |
| | 又X13-又X14 | 外壁 | 0.90×0.70 | 0.63 | 柱 | 又X13 | 0.32 | 柱 | 又X14 | 0.32 |
| | 又-又 | 外壁 | 0.94×0.70 | 0.66 | | 又 | 0.33 | | 又 | 0.33 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.16 | | | 0.16 |
| | | | 計 | 1.85 | | | 0.92 | | | 0.92 |
| | 又X13-又X14 | 内壁 | 0.52×0.54 | 0.28 | 梁 | 又X10-又X16 | 0.23 | 梁 | 又X13-又X14 | 0.05 |
| | 又-又Y４ | 柱又X14又 | ×1.000 | 0.96 | | 又-又Y３ | 0.79 | | 又Y４-又Y４ | 0.17 |
| | | 内壁 | 1.25×0.54 | 0.68 | | | 0.28 | | | 0.40 |
| | | 床(2階床 | 0.39×1.40 | 0.55 | | | 0.23 | | | 0.32 |
| | | 床積載 | 0.39×1.80 | 0.71 | | | 0.29 | | | 0.42 |
| | | 床(2階床 | 0.03×1.40 | 0.03 | | | 0.03 | | | 0.00 |
| | | 床(2階床 | 0.31×1.40 | 0.44 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.03×1.80 | 0.04 | | | 0.04 | | | 0.00 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.28 | | | 0.28 |
| | | | 計 | 4.26 | | | 2.39 | | | 1.86 |
| | 又X13-又X14 | 内壁 | 0.88×0.54 | 0.47 | 柱 | 又X13 | 0.24 | 柱 | 又X14 | 0.24 |
| | 又-又Y５ | 内壁 | 0.83×0.54 | 0.45 | | 又 | 0.23 | | 又Y５ | 0.23 |
| | | 床(2階床 | 0.04×1.40 | 0.05 | | | 0.02 | | | 0.02 |
| | | 床積載 | 0.04×1.80 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床(階段 | 0.31×0.30 | 0.09 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.31×0.65 | 0.20 | | | 0.10 | | | 0.10 |
| | | | 計 | 1.33 | | | 0.66 | | | 0.66 |
| | 又X13-又X14 | 床(2階床 | 0.23×1.40 | 0.32 | 柱 | 又X13 | 0.16 | 梁 | 又X14-又X16 | 0.16 |
| | 又-又 | 床(2階床 | 0.72×1.40 | 1.00 | | 又 | 0.50 | | 又-又Y６ | 0.50 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.72×1.80 | 1.29 | | | 0.64 | | | 0.64 |
| | | | 計 | 3.03 | | | 1.51 | | | 1.51 |
| | 又X13-又X14 | 床(2階床 | 1.76×1.45 | 2.55 | 柱 | 又X13 | 1.28 | 柱 | 又X14 | 1.28 |
| | 又-又Y２ | 床積載 | 1.76×1.80 | 3.17 | | 又 | 1.59 | | 又Y２ | 1.59 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.40 | | | 0.13 |
| | | 床(2階床 | 0.35×1.40 | 0.49 | | | 0.12 | | | 0.37 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.51 | | | 0.17 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.16 | | | 0.47 |
| | | | 計 | 10.36 | | | 5.21 | | | 5.16 |
| | 又X14-又X14 | 内壁 | 1.79×0.54 | 0.96 | 柱 | 又X14 | 0.48 | 柱 | 又X14 | 0.48 |
| | 又Y５-又 | 内壁 | 1.70×0.54 | 0.92 | | 又Y５ | 0.46 | | 又 | 0.46 |
| | | 床(2階床 | 0.29×1.40 | 0.40 | | | 0.20 | | | 0.20 |
| | | 床積載 | 0.29×1.80 | 0.52 | | | 0.26 | | | 0.26 |
| | | 床(階段 | 0.63×0.30 | 0.19 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.63×0.65 | 0.41 | | | 0.21 | | | 0.21 |
| | | | 計 | 3.40 | | | 1.70 | | | 1.70 |
| | 又X14-又X16 | 内壁 | 0.73×0.54 | 0.40 | 梁 | 又X13-又X15 | 0.06 | 柱 | 又X16 | 0.33 |
| | 又-又Y６ | 床(2階床 | 0.43×1.40 | 0.61 | | 又-又 | 0.10 | | 又Y６ | 0.51 |
| | | 床積載 | 0.43×1.80 | 0.78 | | | 0.13 | | | 0.65 |
| | | 柱又X16又 | ×0.879 | 0.63 | | | 0.10 | | | 0.53 |
| | | 床(2階床 | 0.47×1.40 | 0.66 | | | 0.52 | | | 0.14 |
| | | 床積載 | 0.47×1.80 | 0.85 | | | 0.67 | | | 0.18 |
| | | 床(2階床 | 0.56×1.40 | 0.79 | | | 0.62 | | | 0.17 |
| | | 床積載 | 0.56×1.80 | 1.02 | | | 0.80 | | | 0.22 |
| | | 床(2階床 | 0.11×1.47 | 0.16 | | | 0.01 | | | 0.15 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.02 | | | 0.18 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X14-又X16 | 床(2階床 | 0.23×1.47 | 0.34 | 梁 | 又X13-又X15 | 0.31 | 柱 | 又X16 | 0.04 |
| | 又-又Y６ | 床(2階床 | 0.24×1.47 | 0.36 | | 又-又 | 0.32 | | 又Y６ | 0.04 |
| | | 床(2階床 | 0.85×1.47 | 1.26 | | | 0.50 | | | 0.76 |
| | | 床(2階床 | 0.73×1.47 | 1.07 | | | 0.51 | | | 0.56 |
| | | 床(2階床 | 0.08×1.47 | 0.11 | | | 0.01 | | | 0.10 |
| | | 床積載 | 0.23×1.80 | 0.42 | | | 0.38 | | | 0.04 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.39 | | | 0.05 |
| | | 床積載 | 0.85×1.80 | 1.54 | | | 0.61 | | | 0.93 |
| | | 床積載 | 0.73×1.80 | 1.31 | | | 0.62 | | | 0.69 |
| | | 床積載 | 0.08×1.80 | 0.14 | | | 0.01 | | | 0.13 |
| | | 内壁 | 1.02×0.54 | 0.55 | | | 0.04 | | | 0.51 |
| | | | 計 | 13.64 | | | 6.73 | | | 6.91 |
| | 又X14-又X16 | 外壁 | 3.22×0.70 | 2.26 | 柱 | 又X14 | 1.13 | 柱 | 又X16 | 1.13 |
| | 又-又Y６ | 外壁 | 3.37×0.70 | 2.36 | | 又 | 1.18 | | 又Y６ | 1.18 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.26 | | | 0.26 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.34 | | | 0.34 |
| | | | 計 | 5.82 | | | 2.91 | | | 2.91 |
| | 又X14-又X14 | 床(2階床 | 2.00×1.45 | 2.90 | 柱 | 又X14 | 1.45 | 柱 | 又X14 | 1.45 |
| | 又Y２-又 | 床積載 | 2.00×1.80 | 3.60 | | 又Y２ | 1.80 | | 又 | 1.80 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.40 | | | 0.13 |
| | | 床(2階床 | 0.35×1.40 | 0.49 | | | 0.12 | | | 0.37 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.51 | | | 0.17 |
| | | 床積載 | 0.35×1.80 | 0.63 | | | 0.16 | | | 0.47 |
| | | | 計 | 11.14 | | | 5.59 | | | 5.54 |
| | 又X14-又X15 | 床(2階床 | 0.72×1.40 | 1.01 | 柱 | 又X14 | 0.51 | 柱 | 又X15 | 0.51 |
| | 又Y４-又 | 床積載 | 0.72×1.80 | 1.30 | | 又Y４ | 0.65 | | 又 | 0.65 |
| | | 床(2階床 | 1.14×1.40 | 1.59 | | | 0.80 | | | 0.80 |
| | | 床積載 | 1.14×1.80 | 2.05 | | | 1.03 | | | 1.03 |
| | | 床(2階床 | 0.32×1.40 | 0.44 | | | 0.33 | | | 0.11 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.10 | | | 0.03 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.03 | | | 0.10 |
| | | 床(2階床 | 0.32×1.40 | 0.44 | | | 0.11 | | | 0.33 |
| | | 床積載 | 0.32×1.80 | 0.57 | | | 0.43 | | | 0.14 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.13 | | | 0.04 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.04 | | | 0.13 |
| | | 床積載 | 0.32×1.80 | 0.57 | | | 0.14 | | | 0.43 |
| | | | 計 | 8.61 | | | 4.30 | | | 4.30 |
| | 又X14-又X15 | 床(2階床 | 0.26×1.40 | 0.36 | 柱 | 又X14 | 0.23 | 柱 | 又X15 | 0.13 |
| | 又Y４-又 | 床積載 | 0.26×1.80 | 0.47 | | 又Y４ | 0.30 | | 又 | 0.17 |
| | | 内壁 | 2.23×0.54 | 1.21 | | | 0.60 | | | 0.60 |
| | | 内壁 | 2.13×0.54 | 1.15 | | | 0.58 | | | 0.58 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.12 | | | 0.03 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.08 | | | 0.17 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.16 | | | 0.03 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.10 | | | 0.22 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.30×1.80 | 0.54 | | | 0.27 | | | 0.27 |
| | | | 計 | 5.05 | | | 2.65 | | | 2.40 |
| | 又X14-又X14 | 床(2階床 | 0.24×1.40 | 0.34 | 梁 | 又X９-又X15 | 0.17 | 柱 | 又X14 | 0.17 |
| | 又Y３-又Y３ | 床(2階床 | 0.11×1.40 | 0.16 | | 又Y４-又 | 0.08 | | 又Y３ | 0.08 |
| | | 床積載 | 0.24×1.80 | 0.43 | | | 0.22 | | | 0.22 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | | 計 | 1.13 | | | 0.56 | | | 0.56 |
| | 又X14-又X15 | 内壁 | 0.93×0.54 | 0.50 | 柱 | 又X14 | 0.25 | 柱 | 又X15 | 0.25 |
| | 又-又 | 内壁 | 0.89×0.54 | 0.48 | | 又 | 0.24 | | 又 | 0.24 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | 床(階段 | 0.33×0.30 | 0.10 | | | 0.05 | | | 0.05 |
| | | 床積載 | 0.33×0.65 | 0.21 | | | 0.11 | | | 0.11 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X14-又X15 | | 計 | 1.93 | 柱 | 又X14 | 0.96 | 柱 | 又X15 | 0.96 |
| | 又-又 | | | | | 又 | | | 又 | |
| | 又X14-又X15 | 床(2階床 | 0.23×1.40 | 0.32 | 梁 | 又X14-又X16 | 0.16 | 梁 | 又X15-又X17 | 0.16 |
| | 又-又 | 床(2階床 | 0.90×1.40 | 1.26 | | 又-又Y６ | 0.63 | | 又-又 | 0.63 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.90×1.80 | 1.62 | | | 0.81 | | | 0.81 |
| | | | 計 | 3.61 | | | 1.81 | | | 1.81 |
| | 又X14-又X15 | 外壁 | 0.81×0.70 | 0.56 | 柱 | 又X14 | 0.28 | 柱 | 又X15 | 0.28 |
| | 又-又 | 外壁 | 0.84×0.70 | 0.59 | | 又 | 0.29 | | 又 | 0.29 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.27 | | | 0.27 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.34 | | | 0.34 |
| | | | 計 | 2.37 | | | 1.19 | | | 1.19 |
| | 又X14-又X15 | 床(2階床 | 0.11×1.40 | 0.15 | 梁 | 又X14-又X15 | 0.08 | 梁 | 又X15-又X17 | 0.08 |
| | 又-又Y４ | 床(2階床 | 0.41×1.40 | 0.57 | | 又Y４-又 | 0.29 | | 又Y４-又 | 0.29 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.37 | | | 0.37 |
| | | | 計 | 1.66 | | | 0.83 | | | 0.83 |
| | 又X14-又X15 | 内壁 | 0.80×0.54 | 0.43 | 柱 | 又X14 | 0.22 | 梁 | 又X10-又X16 | 0.22 |
| | 又Y３-又Y３ | 床(2階床 | 0.26×1.40 | 0.37 | | 又Y３ | 0.18 | | 又-又Y３ | 0.18 |
| | | 床(2階床 | 0.11×1.40 | 0.16 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.24 | | | 0.24 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | | 計 | 1.63 | | | 0.81 | | | 0.81 |
| | 又X14-又X15 | 内壁 | 1.75×0.54 | 0.95 | 柱 | 又X14 | 0.47 | 柱 | 又X15 | 0.47 |
| | 又Y３-又 | 床(2階床 | 0.10×1.40 | 0.15 | | 又Y３ | 0.07 | | 又 | 0.07 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.12×1.80 | 0.22 | | | 0.11 | | | 0.11 |
| | | | 計 | 1.67 | | | 0.84 | | | 0.84 |
| | 又X15-又X17 | 床(2階床 | 0.26×1.40 | 0.36 | 梁 | 又X14-又X15 | 0.30 | 梁 | 又X17-又X18 | 0.06 |
| | 又Y４-又 | 床積載 | 0.26×1.80 | 0.47 | | 又Y４-又 | 0.39 | | 又-又Y４ | 0.08 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.30 | | | 0.06 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.39 | | | 0.08 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.06 | | | 0.30 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.08 | | | 0.39 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.06 | | | 0.30 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.08 | | | 0.39 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.13 | | | 0.01 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.14 | | | 0.01 |
| | | 床(2階床 | 0.40×1.40 | 0.55 | | | 0.28 | | | 0.28 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.01 | | | 0.14 |
| | | 床(2階床 | 0.43×1.40 | 0.61 | | | 0.30 | | | 0.30 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.16 | | | 0.01 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.18 | | | 0.02 |
| | | 床積載 | 0.40×1.80 | 0.71 | | | 0.36 | | | 0.36 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.01 | | | 0.16 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.02 | | | 0.18 |
| | | 床積載 | 0.43×1.80 | 0.78 | | | 0.39 | | | 0.39 |
| | | | 計 | 7.29 | | | 3.65 | | | 3.64 |
| | 又X15-又X16 | 柱又X15又 | ×1.000 | 1.88 | 柱 | 又X15 | 0.81 | 柱 | 又X16 | 1.07 |
| | 又-又Y６ | 内壁 | 0.77×0.54 | 0.42 | | 又 | 0.18 | | 又Y６ | 0.24 |
| | | 床(2階床 | 0.45×1.40 | 0.63 | | | 0.27 | | | 0.36 |
| | | 床積載 | 0.45×1.80 | 0.81 | | | 0.35 | | | 0.46 |
| | | 柱又X16又 | ×0.121 | 0.09 | | | 0.04 | | | 0.05 |
| | | 床(2階床 | 0.44×1.40 | 0.62 | | | 0.50 | | | 0.12 |
| | | 床積載 | 0.44×1.80 | 0.79 | | | 0.64 | | | 0.15 |
| | | 床(2階床 | 0.66×1.40 | 0.93 | | | 0.43 | | | 0.50 |
| | | 床積載 | 0.66×1.80 | 1.19 | | | 0.55 | | | 0.64 |
| | | 内壁 | 3.24×0.54 | 1.75 | | | 0.88 | | | 0.88 |
| | | 内壁 | 1.34×0.54 | 0.72 | | | 0.16 | | | 0.57 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X15-又X16 | 内壁 | 1.75×0.54 | 0.95 | 柱 | 又X15 | 0.68 | 柱 | 又X16 | 0.27 |
| | 又-又Y６ | 床(2階床 | 0.31×1.40 | 0.43 | | 又 | 0.39 | | 又Y６ | 0.04 |
| | | 床(2階床 | 0.57×1.40 | 0.80 | | | 0.51 | | | 0.29 |
| | | 床(2階床 | 0.76×1.40 | 1.06 | | | 0.25 | | | 0.82 |
| | | 床積載 | 0.31×1.80 | 0.56 | | | 0.51 | | | 0.05 |
| | | 床積載 | 0.57×1.80 | 1.03 | | | 0.66 | | | 0.38 |
| | | 床積載 | 0.76×1.80 | 1.37 | | | 0.32 | | | 1.05 |
| | | 床(2階床 | 0.18×1.40 | 0.25 | | | 0.05 | | | 0.20 |
| | | 床積載 | 0.18×1.80 | 0.32 | | | 0.07 | | | 0.25 |
| | | 床(2階床 | 0.16×1.40 | 0.22 | | | 0.16 | | | 0.06 |
| | | 床積載 | 0.16×1.80 | 0.29 | | | 0.20 | | | 0.08 |
| | | | 計 | 17.12 | | | 8.60 | | | 8.51 |
| | 又X15-又X17 | 床(2階床 | 0.56×1.40 | 0.79 | 梁 | 又X13-又X15 | 0.62 | 柱 | 又X17 | 0.17 |
| | 又-又 | 床積載 | 0.56×1.80 | 1.02 | | 又-又 | 0.80 | | 又 | 0.22 |
| | | 床(2階床 | 0.56×1.40 | 0.79 | | | 0.62 | | | 0.17 |
| | | 床積載 | 0.56×1.80 | 1.02 | | | 0.80 | | | 0.22 |
| | | 床(2階床 | 0.24×1.47 | 0.36 | | | 0.32 | | | 0.04 |
| | | 床(2階床 | 0.92×1.47 | 1.35 | | | 0.53 | | | 0.82 |
| | | 床(2階床 | 0.23×1.47 | 0.34 | | | 0.31 | | | 0.04 |
| | | 床(2階床 | 0.85×1.47 | 1.26 | | | 0.50 | | | 0.76 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.39 | | | 0.05 |
| | | 床積載 | 0.92×1.80 | 1.65 | | | 0.65 | | | 1.00 |
| | | 床積載 | 0.23×1.80 | 0.42 | | | 0.38 | | | 0.04 |
| | | 床積載 | 0.85×1.80 | 1.54 | | | 0.61 | | | 0.93 |
| | | | 計 | 10.98 | | | 6.53 | | | 4.45 |
| | 又X15-又X15 | 床(2階床 | 2.16×1.49 | 3.22 | 柱 | 又X15 | 1.08 | 柱 | 又X15 | 2.15 |
| | 又-又 | 床積載 | 2.16×1.80 | 3.89 | | 又 | 1.30 | | 又 | 2.59 |
| | | 外壁 | 2.42×0.70 | 1.69 | | | 0.85 | | | 0.85 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 0.88 | | | 0.88 |
| | | 床(2階床 | 0.73×1.40 | 1.02 | | | 0.68 | | | 0.34 |
| | | 床(2階床 | 0.12×1.40 | 0.16 | | | 0.03 | | | 0.13 |
| | | 床積載 | 0.73×1.80 | 1.31 | | | 0.87 | | | 0.44 |
| | | 床積載 | 0.12×1.80 | 0.21 | | | 0.03 | | | 0.17 |
| | | | 計 | 13.27 | | | 5.72 | | | 7.56 |
| | 又X15-又X15 | 内壁 | 1.59×0.54 | 0.86 | 梁 | 又X10-又X16 | 0.43 | 柱 | 又X15 | 0.43 |
| | 又Y３-又 | 床(2階床 | 0.32×1.40 | 0.45 | | 又-又Y３ | 0.22 | | 又 | 0.22 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.32×1.80 | 0.58 | | | 0.29 | | | 0.29 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.20 | | | 0.20 |
| | | | 計 | 2.60 | | | 1.30 | | | 1.30 |
| | 又X15-又X15 | 床(2階床 | 0.11×1.40 | 0.15 | 梁 | 又X15-又X17 | 0.08 | 梁 | 又X15-又X16 | 0.08 |
| | 又Y４-又 | 床(2階床 | 0.41×1.40 | 0.57 | | 又Y４-又 | 0.29 | | 又-又Y４ | 0.29 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.37 | | | 0.37 |
| | | | 計 | 1.66 | | | 0.83 | | | 0.83 |
| | 又X15-又X16 | 柱又X15又 | ×1.000 | 3.51 | 柱 | 又X15 | 3.09 | 柱 | 又X16 | 0.42 |
| | 又-又Y４ | 床(2階床 | 0.26×1.40 | 0.36 | | 又 | 0.24 | | 又Y４ | 0.12 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.31 | | | 0.16 |
| | | 床(2階床 | 1.28×1.45 | 1.86 | | | 1.24 | | | 0.62 |
| | | 床積載 | 1.28×1.80 | 2.31 | | | 1.54 | | | 0.77 |
| | | 内壁 | 0.58×0.54 | 0.31 | | | 0.10 | | | 0.21 |
| | | 床(2階床 | 0.79×1.45 | 1.14 | | | 0.38 | | | 0.76 |
| | | 床積載 | 0.79×1.80 | 1.42 | | | 0.47 | | | 0.95 |
| | | 柱又X18又Y５ | ×0.132 | 0.60 | | | 0.20 | | | 0.40 |
| | | 柱又X17又 | ×0.056 | 0.27 | | | 0.09 | | | 0.18 |
| | | 柱又X19又Y５ | ×0.092 | 0.13 | | | 0.04 | | | 0.09 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 0.28×0.54 | 0.15 | | | 0.14 | | | 0.01 |
| | | 内壁 | 2.00×0.54 | 1.08 | | | 0.48 | | | 0.61 |
| | | 床(2階床 | 0.12×1.40 | 0.17 | | | 0.14 | | | 0.03 |
| | | 床(2階床 | 0.57×1.40 | 0.79 | | | 0.40 | | | 0.40 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X15-又X16 | 床(2階床 | 0.42×1.40 | 0.59 | 柱 | 又X15 | 0.10 | 柱 | 又X16 | 0.49 |
| | 又-又Y４ | 床積載 | 0.12×1.80 | 0.22 | | 又 | 0.18 | | 又Y４ | 0.04 |
| | | 床積載 | 0.57×1.80 | 1.02 | | | 0.51 | | | 0.51 |
| | | 床積載 | 0.42×1.80 | 0.75 | | | 0.13 | | | 0.63 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.02 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.09 | | | 0.19 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.15 | | | 0.03 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.12 | | | 0.24 |
| | | | 計 | 19.40 | | | 10.90 | | | 8.50 |
| | 又X15-又X16 | 内壁 | 0.17×0.54 | 0.09 | 梁 | 又X15-又X16 | 0.01 | 梁 | 又X14-又X16 | 0.08 |
| | 又-又 | 柱又X16又 | ×1.000 | 0.72 | | 又-又Y６ | 0.09 | | 又-又Y６ | 0.63 |
| | | 内壁 | 1.34×0.54 | 0.72 | | | 0.40 | | | 0.32 |
| | | 床(2階床 | 0.18×1.40 | 0.26 | | | 0.15 | | | 0.11 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.19 | | | 0.15 |
| | | 床(2階床 | 0.69×1.40 | 0.97 | | | 0.49 | | | 0.49 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.69×1.80 | 1.25 | | | 0.63 | | | 0.63 |
| | | 床積載 | 1.80 | 0.01 | | | 0.00 | | | 0.01 |
| | | | 計 | 4.37 | | | 1.95 | | | 2.42 |
| | 又X15-又X16 | 床(2階床 | 0.23×1.40 | 0.32 | 梁 | 又X15-又X17 | 0.16 | 梁 | 又X15-又X18 | 0.16 |
| | 又-又 | 床(2階床 | 0.90×1.40 | 1.26 | | 又-又 | 0.63 | | 又-又 | 0.63 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.90×1.80 | 1.62 | | | 0.81 | | | 0.81 |
| | | | 計 | 3.61 | | | 1.81 | | | 1.81 |
| | 又X15-又X17 | 柱又X16又 | ×1.000 | 4.17 | 柱 | 又X15 | 1.30 | 柱 | 又X17 | 2.86 |
| | 又-又 | 床(2階床 | 0.26×1.40 | 0.36 | | 又 | 0.11 | | 又 | 0.25 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.15 | | | 0.32 |
| | | 外壁 | 1.21×0.70 | 0.85 | | | 0.26 | | | 0.58 |
| | | 内壁 | 0.96×0.54 | 0.52 | | | 0.16 | | | 0.36 |
| | | 床(2階床 | 0.97×1.47 | 1.43 | | | 0.45 | | | 0.98 |
| | | 床積載 | 0.97×1.80 | 1.75 | | | 0.55 | | | 1.20 |
| | | 床(バルコニー | 0.24×0.59 | 0.14 | | | 0.04 | | | 0.10 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.10 | | | 0.21 |
| | | 柱又X12又Y４ | ×0.093 | 0.05 | | | 0.02 | | | 0.03 |
| | | 柱又X14又 | ×0.172 | 0.17 | | | 0.05 | | | 0.11 |
| | | 外壁 | 0.81×0.70 | 0.56 | | | 0.09 | | | 0.48 |
| | | 内壁 | 2.55×0.54 | 1.38 | | | 0.69 | | | 0.69 |
| | | 内壁 | 1.67×0.54 | 0.90 | | | 0.59 | | | 0.31 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.23 | | | 0.12 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.02 | | | 0.13 |
| | | 床積載 | 0.26×1.80 | 0.46 | | | 0.30 | | | 0.16 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.03 | | | 0.16 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.20 | | | 0.10 |
| | | 床積載 | 0.22×1.80 | 0.39 | | | 0.26 | | | 0.13 |
| | | 床(バルコニー | 0.09×0.59 | 0.05 | | | 0.01 | | | 0.04 |
| | | 床積載 | 0.09×1.30 | 0.11 | | | 0.02 | | | 0.09 |
| | | | 計 | 15.07 | | | 5.63 | | | 9.43 |
| | 又X15-又X16 | 外壁 | 0.84×0.70 | 0.59 | 柱 | 又X15 | 0.29 | 柱 | 又X16 | 0.29 |
| | 又-又 | 床(バルコニー | 0.05×0.59 | 0.03 | | 又 | 0.01 | | 又 | 0.01 |
| | | 床積載 | 0.05×1.30 | 0.06 | | | 0.03 | | | 0.03 |
| | | | 計 | 0.68 | | | 0.34 | | | 0.34 |
| | 又X15-又X16 | 内壁 | 2.88×0.54 | 1.56 | 柱 | 又X15 | 1.04 | 梁 | 又X15-又X17 | 0.52 |
| | 又-又 | 床(2階床 | 2.39×1.48 | 3.55 | | 又 | 2.37 | | 又-又 | 1.18 |
| | | 床積載 | 2.39×1.80 | 4.31 | | | 2.87 | | | 1.44 |
| | | 柱又X12又Y４ | ×0.279 | 0.15 | | | 0.10 | | | 0.05 |
| | | 柱又X14又 | ×0.515 | 0.50 | | | 0.33 | | | 0.17 |
| | | 床(バルコニー | 0.18×0.59 | 0.11 | | | 0.07 | | | 0.04 |
| | | 床積載 | 0.18×1.30 | 0.24 | | | 0.16 | | | 0.08 |
| | | 外壁 | 2.42×0.70 | 1.69 | | | 0.85 | | | 0.85 |
| | | 床(2階床 | 0.23×1.40 | 0.32 | | | 0.11 | | | 0.22 |
| | | 床(2階床 | 0.12×1.40 | 0.16 | | | 0.13 | | | 0.03 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X15-又X16 | 床積載 | 0.23×1.80 | 0.42 | 柱 | 又X15 | 0.14 | 梁 | 又X15-又X17 | 0.28 |
| | 又-又 | 床積載 | 0.12×1.80 | 0.21 | | 又 | 0.17 | | 又-又 | 0.03 |
| | | 床(バルコニー | 0.24×0.59 | 0.14 | | | 0.05 | | | 0.09 |
| | | 床(バルコニー | 0.12×0.59 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床積載 | 0.24×1.30 | 0.31 | | | 0.10 | | | 0.21 |
| | | 床積載 | 0.12×1.30 | 0.16 | | | 0.13 | | | 0.03 |
| | | | 計 | 13.89 | | | 8.68 | | | 5.21 |
| | 又X15-又X18 | 床(2階床 | 0.56×1.40 | 0.79 | 梁 | 又X15-又X16 | 0.62 | 梁 | 又X18-又X19 | 0.17 |
| | 又-又 | 床積載 | 0.56×1.80 | 1.02 | | 又-又Y４ | 0.80 | | 又-又 | 0.22 |
| | | 床(2階床 | 0.24×1.47 | 0.36 | | | 0.32 | | | 0.04 |
| | | 床(2階床 | 0.92×1.47 | 1.35 | | | 0.53 | | | 0.82 |
| | | 床(2階床 | 0.52×1.47 | 0.76 | | | 0.38 | | | 0.38 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.39 | | | 0.05 |
| | | 床積載 | 0.92×1.80 | 1.65 | | | 0.65 | | | 1.00 |
| | | 床積載 | 0.52×1.80 | 0.93 | | | 0.47 | | | 0.47 |
| | | | 計 | 7.30 | | | 4.17 | | | 3.13 |
| | 又X16-又X16 | 内壁 | 0.15×0.54 | 0.08 | 柱 | 又X16 | 0.01 | 柱 | 又X16 | 0.07 |
| | 又Y６-又Y６ | 柱又X16又Y６ | ×1.000 | 2.39 | | 又Y６ | 0.29 | | 又Y６ | 2.11 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.13 | | | 0.10 |
| | | 床積載 | 0.17×1.80 | 0.30 | | | 0.17 | | | 0.13 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 1.80 | 0.01 | | | 0.00 | | | 0.01 |
| | | | 計 | 5.34 | | | 1.76 | | | 3.58 |
| | 又X16-又X17 | 床(バルコニー | 0.25×0.59 | 0.15 | 梁 | 又X15-又X16 | 0.07 | 梁 | 又X16-又X17 | 0.07 |
| | 又Y３-又 | 床(バルコニー | 0.11×0.59 | 0.07 | | 又-又 | 0.03 | | 又-又Y３ | 0.03 |
| | | 床積載 | 0.25×1.30 | 0.33 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.11×1.30 | 0.14 | | | 0.07 | | | 0.07 |
| | | | 計 | 0.69 | | | 0.35 | | | 0.35 |
| | 又X16-又X16 | 外壁 | 1.14×0.70 | 0.80 | 柱 | 又X16 | 0.40 | 柱 | 又X16 | 0.40 |
| | 又-又 | 床(バルコニー | 0.08×0.59 | 0.05 | | 又 | 0.02 | | 又 | 0.02 |
| | | 床積載 | 0.08×1.30 | 0.11 | | | 0.05 | | | 0.05 |
| | | | 計 | 0.96 | | | 0.48 | | | 0.48 |
| | 又X16-又X19 | 内壁 | 1.69×0.54 | 0.91 | 梁 | 又X15-又X16 | 0.24 | 梁 | 又X18-又X19 | 0.67 |
| | 又-又 | 床(2階床 | 0.69×1.40 | 0.97 | | 又-又Y４ | 0.26 | | 又-又 | 0.71 |
| | | 床積載 | 0.69×1.80 | 1.24 | | | 0.33 | | | 0.91 |
| | | 柱又X18又Y５ | ×0.500 | 2.25 | | | 0.60 | | | 1.66 |
| | | 柱又X17又 | ×0.213 | 1.02 | | | 0.27 | | | 0.75 |
| | | 内壁 | 0.74×0.54 | 0.40 | | | 0.07 | | | 0.32 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.06 | | | 0.26 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.07 | | | 0.33 |
| | | 柱又X19又Y５ | ×0.500 | 0.71 | | | 0.13 | | | 0.58 |
| | | 床(2階床 | 0.61×1.47 | 0.90 | | | 0.45 | | | 0.45 |
| | | 床(2階床 | 0.38×1.47 | 0.56 | | | 0.35 | | | 0.21 |
| | | 床(2階床 | 0.04×1.47 | 0.06 | | | 0.01 | | | 0.05 |
| | | 床(2階床 | 0.10×1.47 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床積載 | 0.61×1.80 | 1.10 | | | 0.55 | | | 0.55 |
| | | 床積載 | 0.38×1.80 | 0.69 | | | 0.43 | | | 0.25 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.02 | | | 0.06 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.02 | | | 0.16 |
| | | | 計 | 11.91 | | | 3.87 | | | 8.04 |
| | 又X16-又X17 | 床(2階床 | 0.42×1.40 | 0.59 | 梁 | 又X15-又X17 | 0.29 | 梁 | 又X15-又X17 | 0.29 |
| | 又-又 | 床(2階床 | 0.10×1.40 | 0.14 | | 又-又 | 0.07 | | 又Y４-又 | 0.07 |
| | | 床積載 | 0.42×1.80 | 0.75 | | | 0.38 | | | 0.38 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 1.65 | | | 0.83 | | | 0.83 |
| | 又X16-又X18 | 床(2階床 | 0.26×1.40 | 0.36 | 柱 | 又X16 | 0.12 | 柱 | 又X18 | 0.24 |
| | 又Y４-又Y４ | 床積載 | 0.26×1.80 | 0.47 | | 又Y４ | 0.16 | | 又Y４ | 0.31 |
| | | 内壁 | 0.72×0.54 | 0.39 | | | 0.26 | | | 0.13 |
| | | 床(2階床 | 1.09×1.44 | 1.56 | | | 1.04 | | | 0.52 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X16-又X18 | 床積載 | 1.09×1.80 | 1.96 | 柱 | 又X16 | 1.31 | 柱 | 又X18 | 0.65 |
| | 又Y４-又Y４ | 柱又X18又Y５ | ×0.132 | 0.60 | | 又Y４ | 0.40 | | 又Y４ | 0.20 |
| | | 柱又X17又 | ×0.056 | 0.27 | | | 0.18 | | | 0.09 |
| | | 柱又X19又Y５ | ×0.092 | 0.13 | | | 0.09 | | | 0.04 |
| | | 内壁 | 0.21×0.54 | 0.11 | | | 0.04 | | | 0.08 |
| | | 床(2階床 | 1.41×1.44 | 2.04 | | | 0.68 | | | 1.36 |
| | | 床積載 | 1.41×1.80 | 2.54 | | | 0.85 | | | 1.69 |
| | | 内壁 | 2.39×0.54 | 1.29 | | | 0.65 | | | 0.65 |
| | | 内壁 | 2.28×0.54 | 1.23 | | | 0.62 | | | 0.62 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.02 | | | 0.12 |
| | | 床(2階床 | 0.20×1.40 | 0.27 | | | 0.18 | | | 0.09 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.03 | | | 0.15 |
| | | 床積載 | 0.20×1.80 | 0.35 | | | 0.23 | | | 0.12 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.13 | | | 0.13 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.22 | | | 0.04 |
| | | 床(2階床 | 0.20×1.40 | 0.27 | | | 0.05 | | | 0.23 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.17 | | | 0.17 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.29 | | | 0.06 |
| | | 床積載 | 0.20×1.80 | 0.35 | | | 0.06 | | | 0.29 |
| | | | 計 | 15.74 | | | 7.76 | | | 7.98 |
| | 又X16-又X18 | 柱又X17又 | ×1.000 | 4.78 | 柱 | 又X16 | 2.74 | 梁 | 又X18-又X19 | 2.03 |
| | 又Y４-又Y５ | 床(2階床 | 0.21×1.40 | 0.29 | | 又Y４ | 0.16 | | 又Y５-又Y５ | 0.13 |
| | | 床積載 | 0.21×1.80 | 0.37 | | | 0.20 | | | 0.17 |
| | | 内壁 | 2.59×0.54 | 1.40 | | | 1.10 | | | 0.30 |
| | | 内壁 | 3.49×0.54 | 1.89 | | | 0.54 | | | 1.34 |
| | | 床(2階床 | 0.45×1.40 | 0.62 | | | 0.31 | | | 0.31 |
| | | 床積載 | 0.45×1.80 | 0.80 | | | 0.40 | | | 0.40 |
| | | 床(2階床 | 0.17×1.40 | 0.24 | | | 0.19 | | | 0.06 |
| | | 床(2階床 | 0.21×1.40 | 0.30 | | | 0.08 | | | 0.22 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.24 | | | 0.07 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.10 | | | 0.28 |
| | | | 計 | 11.39 | | | 6.08 | | | 5.31 |
| | 又X16-又X17 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X16 | 0.56 | 柱 | 又X17 | 0.56 |
| | 又Y６-又 | 外壁 | 1.69×0.70 | 1.18 | | 又Y６ | 0.59 | | 又 | 0.59 |
| | | 床(2階床 | 0.88×1.40 | 1.23 | | | 0.61 | | | 0.61 |
| | | 床積載 | 0.88×1.80 | 1.58 | | | 0.79 | | | 0.79 |
| | | | 計 | 5.11 | | | 2.56 | | | 2.56 |
| | 又X16-又X17 | 床(バルコニー | 0.18×0.59 | 0.11 | 柱 | 又X16 | 0.07 | 柱 | 又X17 | 0.04 |
| | 又-又Y３ | 床積載 | 0.18×1.30 | 0.24 | | 又 | 0.16 | | 又Y３ | 0.08 |
| | | 床(バルコニー | 0.28×0.59 | 0.17 | | | 0.11 | | | 0.06 |
| | | 床積載 | 0.28×1.30 | 0.37 | | | 0.25 | | | 0.12 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 0.88 | | | 0.88 |
| | | 床(バルコニー | 0.25×0.59 | 0.15 | | | 0.05 | | | 0.10 |
| | | 床(バルコニー | 0.12×0.59 | 0.07 | | | 0.06 | | | 0.01 |
| | | 床(バルコニー | 0.37×0.59 | 0.22 | | | 0.07 | | | 0.15 |
| | | 床(バルコニー | 0.19×0.59 | 0.11 | | | 0.09 | | | 0.02 |
| | | 床積載 | 0.25×1.30 | 0.32 | | | 0.11 | | | 0.21 |
| | | 床積載 | 0.12×1.30 | 0.16 | | | 0.13 | | | 0.03 |
| | | 床積載 | 0.37×1.30 | 0.49 | | | 0.16 | | | 0.32 |
| | | 床積載 | 0.19×1.30 | 0.24 | | | 0.20 | | | 0.04 |
| | | | 計 | 4.41 | | | 2.35 | | | 2.06 |
| | 又X16-又X18 | 床(バルコニー | 0.21×0.59 | 0.12 | 柱 | 又X16 | 0.06 | 柱 | 又X18 | 0.06 |
| | 又-又 | 床積載 | 0.21×1.30 | 0.27 | | 又 | 0.13 | | 又 | 0.13 |
| | | | 計 | 0.39 | | | 0.19 | | | 0.19 |
| | 又X17-又X17 | 内壁 | 1.40×0.54 | 0.76 | 柱 | 又X17 | 0.38 | 柱 | 又X17 | 0.38 |
| | 又-又 | 床(2階床 | 0.11×1.40 | 0.15 | | 又 | 0.07 | | 又 | 0.07 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.27 | | | 0.27 |
| | | | 計 | 2.04 | | | 1.02 | | | 1.02 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X17-又X17 | 外壁 | 1.09×0.70 | 0.76 | 柱 | 又X17 | 0.38 | 柱 | 又X17 | 0.38 |
| | 又-又Y３ | 内壁 | 1.08×0.54 | 0.58 | | 又 | 0.29 | | 又Y３ | 0.29 |
| | | 床(2階床 | 0.13×1.40 | 0.19 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.13×1.80 | 0.24 | | | 0.12 | | | 0.12 |
| | | 床(バルコニー | 0.15×0.59 | 0.09 | | | 0.04 | | | 0.04 |
| | | 床積載 | 0.15×1.30 | 0.19 | | | 0.10 | | | 0.10 |
| | | | 計 | 2.05 | | | 1.02 | | | 1.02 |
| | 又X17-又X17 | 床(2階床 | 0.10×1.40 | 0.14 | 梁 | 又X15-又X17 | 0.07 | 梁 | 又X16-又X18 | 0.07 |
| | 又-又Y４ | 床(2階床 | 0.42×1.40 | 0.59 | | 又Y４-又 | 0.29 | | 又Y４-又Y４ | 0.29 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床積載 | 0.42×1.80 | 0.75 | | | 0.38 | | | 0.38 |
| | | | 計 | 1.65 | | | 0.83 | | | 0.83 |
| | 又X17-又X18 | 床(バルコニー | 0.39×0.59 | 0.23 | 梁 | 又X16-又X17 | 0.12 | 梁 | 又X18-又X19 | 0.12 |
| | 又-又 | 床(バルコニー | 0.17×0.59 | 0.10 | | 又-又Y３ | 0.05 | | 又-又 | 0.05 |
| | | 床積載 | 0.39×1.30 | 0.51 | | | 0.26 | | | 0.26 |
| | | 床積載 | 0.17×1.30 | 0.22 | | | 0.11 | | | 0.11 |
| | | | 計 | 1.07 | | | 0.54 | | | 0.54 |
| | 又X17-又X19 | 床(2階床 | 0.21×1.40 | 0.29 | 梁 | 又X16-又X18 | 0.19 | 柱 | 又X19 | 0.10 |
| | 又Y４-又 | 床積載 | 0.21×1.80 | 0.37 | | 又Y４-又Y４ | 0.25 | | 又 | 0.12 |
| | | 内壁 | 1.69×0.54 | 0.91 | | | 0.24 | | | 0.67 |
| | | 床(2階床 | 0.60×1.40 | 0.84 | | | 0.22 | | | 0.61 |
| | | 床積載 | 0.60×1.80 | 1.07 | | | 0.28 | | | 0.79 |
| | | 柱又X18又Y５ | ×0.500 | 2.25 | | | 0.60 | | | 1.66 |
| | | 柱又X17又 | ×0.213 | 1.02 | | | 0.27 | | | 0.75 |
| | | 床(2階床 | 0.23×1.40 | 0.32 | | | 0.22 | | | 0.11 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.28 | | | 0.14 |
| | | 内壁 | 0.38×0.54 | 0.21 | | | 0.04 | | | 0.17 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.05 | | | 0.21 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.06 | | | 0.28 |
| | | 内壁 | 1.12×0.54 | 0.60 | | | 0.11 | | | 0.49 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.06 | | | 0.26 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.07 | | | 0.33 |
| | | 柱又X19又Y５ | ×0.500 | 0.71 | | | 0.13 | | | 0.58 |
| | | 床(2階床 | 0.17×1.47 | 0.26 | | | 0.21 | | | 0.04 |
| | | 床(2階床 | 0.20×1.47 | 0.29 | | | 0.24 | | | 0.05 |
| | | 床(2階床 | 0.25×1.47 | 0.37 | | | 0.16 | | | 0.21 |
| | | 床(2階床 | 0.24×1.47 | 0.36 | | | 0.17 | | | 0.19 |
| | | 床(2階床 | 0.05×1.47 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.17×1.80 | 0.31 | | | 0.26 | | | 0.05 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.30 | | | 0.06 |
| | | 床積載 | 0.25×1.80 | 0.46 | | | 0.19 | | | 0.26 |
| | | 床積載 | 0.24×1.80 | 0.44 | | | 0.20 | | | 0.23 |
| | | 床積載 | 0.05×1.80 | 0.08 | | | 0.02 | | | 0.07 |
| | | 床(2階床 | 0.10×1.47 | 0.14 | | | 0.01 | | | 0.13 |
| | | 床(2階床 | 0.11×1.47 | 0.16 | | | 0.01 | | | 0.15 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.02 | | | 0.16 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.02 | | | 0.18 |
| | | | 計 | 13.99 | | | 4.91 | | | 9.09 |
| | 又X17-又X18 | 床(2階床 | 1.14×1.40 | 1.59 | 柱 | 又X17 | 1.42 | 柱 | 又X18 | 0.17 |
| | 又-又Y４ | 床積載 | 1.14×1.80 | 2.05 | | 又 | 1.83 | | 又Y４ | 0.22 |
| | | 床(2階床 | 0.72×1.40 | 1.01 | | | 0.91 | | | 0.11 |
| | | 床積載 | 0.72×1.80 | 1.30 | | | 1.16 | | | 0.14 |
| | | 内壁 | 1.79×0.54 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床(2階床 | 0.00 | 0.00 | | | 0.00 | | | 0.00 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床(2階床 | 0.31×1.40 | 0.43 | | | 0.19 | | | 0.24 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.07 | | | 0.08 |
| | | 床積載 | 0.01 | 0.01 | | | 0.01 | | | 0.00 |
| | | 床積載 | 1.80 | 0.02 | | | 0.02 | | | 0.00 |
| | | 床積載 | 0.31×1.80 | 0.55 | | | 0.25 | | | 0.31 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.09 | | | 0.11 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X17-又X18 | | 計 | 8.29 | 柱 | 又X17 | 6.43 | 柱 | 又X18 | 1.86 |
| | 又-又Y４ | | | | | 又 | | | 又Y４ | |
| | 又X17-又X19 | 床(2階床 | 0.26×1.40 | 0.36 | 梁 | 又X17-又X18 | 0.14 | 柱 | 又X19 | 0.22 |
| | 又-又Y３ | 床積載 | 0.26×1.80 | 0.47 | | 又-又Y４ | 0.19 | | 又Y３ | 0.28 |
| | | 床(2階床 | 0.26×1.40 | 0.36 | | | 0.14 | | | 0.22 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.19 | | | 0.28 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.29 | | | 0.12 |
| | | 床(2階床 | 0.32×1.40 | 0.45 | | | 0.32 | | | 0.14 |
| | | 床(2階床 | 0.22×1.40 | 0.30 | | | 0.06 | | | 0.24 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.06 | | | 0.22 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.37 | | | 0.16 |
| | | 床積載 | 0.32×1.80 | 0.58 | | | 0.41 | | | 0.17 |
| | | 床積載 | 0.22×1.80 | 0.39 | | | 0.08 | | | 0.31 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.07 | | | 0.29 |
| | | | 計 | 4.97 | | | 2.32 | | | 2.65 |
| | 又X17-又X20 | 床(2階床 | 0.46×1.40 | 0.64 | 梁 | 又X16-又X18 | 0.43 | 梁 | 又X19-又X20 | 0.21 |
| | 又Y４-又 | 床積載 | 0.46×1.80 | 0.83 | | 又Y４-又Y４ | 0.55 | | 又-又Y５ | 0.27 |
| | | 床(2階床 | 0.23×1.40 | 0.32 | | | 0.22 | | | 0.11 |
| | | 床積載 | 0.23×1.80 | 0.41 | | | 0.28 | | | 0.14 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.10 | | | 0.43 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.12 | | | 0.55 |
| | | 内壁 | 0.38×0.54 | 0.21 | | | 0.04 | | | 0.17 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.05 | | | 0.21 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.06 | | | 0.28 |
| | | 床(2階床 | 0.20×1.47 | 0.29 | | | 0.24 | | | 0.05 |
| | | 床(2階床 | 0.29×1.47 | 0.43 | | | 0.18 | | | 0.25 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.45 | | | 0.09 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.33 | | | 0.45 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.30 | | | 0.06 |
| | | 床積載 | 0.29×1.80 | 0.53 | | | 0.22 | | | 0.30 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.55 | | | 0.11 |
| | | 床積載 | 0.53×1.80 | 0.95 | | | 0.41 | | | 0.55 |
| | | 床(2階床 | 0.20×1.47 | 0.30 | | | 0.03 | | | 0.27 |
| | | 床(2階床 | 0.11×1.47 | 0.16 | | | 0.01 | | | 0.15 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.03 | | | 0.33 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.02 | | | 0.18 |
| | | | 計 | 10.17 | | | 4.69 | | | 5.48 |
| | 又X17-又X17 | 外壁 | 0.36×0.70 | 0.25 | 柱 | 又X17 | 0.13 | 柱 | 又X17 | 0.13 |
| | 又Y３-又Y３ | 外壁 | 0.38×0.70 | 0.26 | | 又Y３ | 0.13 | | 又Y３ | 0.13 |
| | | 床(2階床 | 0.09×1.40 | 0.12 | | | 0.06 | | | 0.06 |
| | | 床積載 | 0.09×1.80 | 0.16 | | | 0.08 | | | 0.08 |
| | | 床(バルコニー | 0.01×0.59 | 0.01 | | | 0.00 | | | 0.00 |
| | | 床積載 | 0.01×1.30 | 0.01 | | | 0.01 | | | 0.01 |
| | | | 計 | 0.82 | | | 0.41 | | | 0.41 |
| | 又X17-又X18 | 床(2階床 | 0.18×1.40 | 0.26 | 梁 | 又X16-又X18 | 0.13 | 梁 | 又X17-又X19 | 0.13 |
| | 又-又 | 床(2階床 | 0.23×1.40 | 0.32 | | 又Y４-又Y５ | 0.16 | | 又Y４-又 | 0.16 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.23×1.80 | 0.42 | | | 0.21 | | | 0.21 |
| | | | 計 | 1.33 | | | 0.66 | | | 0.66 |
| | 又X17-又X18 | 外壁 | 0.81×0.70 | 0.56 | 柱 | 又X17 | 0.28 | 柱 | 又X18 | 0.28 |
| | 又-又 | 外壁 | 0.84×0.70 | 0.59 | | 又 | 0.29 | | 又 | 0.29 |
| | | 床(2階床 | 0.45×1.40 | 0.63 | | | 0.32 | | | 0.32 |
| | | 床積載 | 0.45×1.80 | 0.82 | | | 0.41 | | | 0.41 |
| | | | 計 | 2.60 | | | 1.30 | | | 1.30 |
| | 又X17-又X19 | 床(2階床 | 0.26×1.40 | 0.36 | 柱 | 又X17 | 0.23 | 柱 | 又X19 | 0.14 |
| | 又Y３-又 | 床積載 | 0.26×1.80 | 0.47 | | 又Y３ | 0.29 | | 又 | 0.17 |
| | | 外壁 | 2.58×0.70 | 1.80 | | | 0.90 | | | 0.90 |
| | | 外壁 | 2.70×0.70 | 1.89 | | | 0.94 | | | 0.94 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.12 | | | 0.03 |
| | | 床(2階床 | 0.22×1.40 | 0.30 | | | 0.09 | | | 0.21 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X17-又X19 | 床積載 | 0.10×1.80 | 0.18 | 柱 | 又X17 | 0.15 | 柱 | 又X19 | 0.03 |
| | 又Y３-又 | 床積載 | 0.22×1.80 | 0.39 | | 又Y３ | 0.12 | | 又 | 0.27 |
| | | 床(バルコニー | 0.35×0.59 | 0.21 | | | 0.10 | | | 0.10 |
| | | 床積載 | 0.35×1.30 | 0.46 | | | 0.23 | | | 0.23 |
| | | | 計 | 6.20 | | | 3.18 | | | 3.02 |
| | 又X18-又X19 | 柱又X18又 | ×1.000 | 3.30 | 柱 | 又X18 | 1.24 | 柱 | 又X19 | 2.06 |
| | 又Y４-又 | 床(2階床 | 0.26×1.40 | 0.36 | | 又Y４ | 0.02 | | 又 | 0.34 |
| | | 床積載 | 0.26×1.80 | 0.47 | | | 0.03 | | | 0.44 |
| | | 内壁 | 0.42×0.54 | 0.23 | | | 0.16 | | | 0.07 |
| | | 床(2階床 | 1.88×1.44 | 2.71 | | | 1.86 | | | 0.85 |
| | | 床積載 | 1.88×1.80 | 3.38 | | | 2.33 | | | 1.06 |
| | | 柱又X20又 | ×0.184 | 0.38 | | | 0.26 | | | 0.12 |
| | | 内壁 | 0.28×0.54 | 0.15 | | | 0.01 | | | 0.14 |
| | | 床(2階床 | 1.88×1.44 | 2.71 | | | 0.17 | | | 2.54 |
| | | 床積載 | 1.88×1.80 | 3.38 | | | 0.21 | | | 3.17 |
| | | 内壁 | 2.55×0.54 | 1.38 | | | 0.69 | | | 0.69 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.56 | | | 0.26 |
| | | 内壁 | 0.91×0.54 | 0.49 | | | 0.09 | | | 0.40 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.22 | | | 0.19 |
| | | 床(2階床 | 0.01 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.30×1.80 | 0.53 | | | 0.28 | | | 0.25 |
| | | 床積載 | 0.01 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床(2階床 | 0.19×1.40 | 0.26 | | | 0.22 | | | 0.04 |
| | | 床(2階床 | 0.38×1.40 | 0.54 | | | 0.20 | | | 0.33 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.19×1.80 | 0.34 | | | 0.28 | | | 0.05 |
| | | 床積載 | 0.38×1.80 | 0.69 | | | 0.26 | | | 0.43 |
| | | 床積載 | 1.80 | 0.01 | | | 0.00 | | | 0.01 |
| | | | 計 | 22.57 | | | 9.10 | | | 13.47 |
| | 又X18-又X18 | 床(2階床 | 0.18×1.40 | 0.26 | 梁 | 又X17-又X19 | 0.13 | 梁 | 又X17-又X20 | 0.13 |
| | 又-又 | 床(2階床 | 0.28×1.40 | 0.39 | | 又Y４-又 | 0.19 | | 又Y４-又 | 0.19 |
| | | 床積載 | 0.18×1.80 | 0.33 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.28×1.80 | 0.50 | | | 0.25 | | | 0.25 |
| | | | 計 | 1.47 | | | 0.74 | | | 0.74 |
| | 又X18-又X19 | 柱又X18又 | ×1.000 | 2.42 | 柱 | 又X18 | 2.28 | 柱 | 又X19 | 0.15 |
| | 又-又 | 柱又X19又 | ×1.000 | 3.03 | | 又 | 0.76 | | 又 | 2.27 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.10 | | | 0.31 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.11 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.05 | | | 0.14 |
| | | 床(2階床 | 0.96×1.46 | 1.40 | | | 1.05 | | | 0.35 |
| | | 床積載 | 0.96×1.80 | 1.73 | | | 1.30 | | | 0.43 |
| | | 内壁 | 1.84×0.54 | 0.99 | | | 0.50 | | | 0.50 |
| | | 床(2階床 | 1.26×1.43 | 1.80 | | | 0.90 | | | 0.90 |
| | | 床積載 | 1.26×1.80 | 2.27 | | | 1.13 | | | 1.13 |
| | | 柱又X18又Y５ | ×0.368 | 1.66 | | | 0.83 | | | 0.83 |
| | | 柱又X17又 | ×0.157 | 0.75 | | | 0.37 | | | 0.37 |
| | | 柱又X19又Y５ | ×0.408 | 0.58 | | | 0.29 | | | 0.29 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | 床(2階床 | 0.42×1.40 | 0.59 | | | 0.52 | | | 0.07 |
| | | 床(2階床 | 0.56×1.40 | 0.78 | | | 0.49 | | | 0.29 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.05 | | | 0.09 |
| | | 床積載 | 0.42×1.80 | 0.76 | | | 0.67 | | | 0.10 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.63 | | | 0.38 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.07 | | | 0.11 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.02 | | | 0.12 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.02 | | | 0.16 |
| | | | 計 | 25.77 | | | 14.36 | | | 11.41 |
| | 又X18-又X19 | 柱又X18又Y５ | ×1.000 | 4.51 | 梁 | 又X16-又X19 | 2.25 | 梁 | 又X17-又X19 | 2.25 |
| | 又Y５-又Y５ | 内壁 | 3.04×0.54 | 1.64 | | 又-又 | 0.82 | | 又Y４-又 | 0.82 |
| | | 床(2階床 | 0.51×1.40 | 0.71 | | | 0.36 | | | 0.36 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X18-又X19 | 床積載 | 0.51×1.80 | 0.92 | 梁 | 又X16-又X19 | 0.46 | 梁 | 又X17-又X19 | 0.46 |
| | 又Y５-又Y５ | 柱又X17又 | ×0.426 | 2.03 | | 又-又 | 1.02 | | 又Y４-又 | 1.02 |
| | | 内壁 | 0.33×0.54 | 0.18 | | | 0.09 | | | 0.09 |
| | | 床(2階床 | 0.05×1.40 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.05×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.41×1.40 | 0.57 | | | 0.43 | | | 0.14 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.05 | | | 0.02 |
| | | 床積載 | 0.41×1.80 | 0.74 | | | 0.55 | | | 0.18 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.07 | | | 0.02 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.08 | | | 0.23 |
| | | 床(2階床 | 0.05×1.40 | 0.07 | | | 0.02 | | | 0.05 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.10 | | | 0.30 |
| | | 床積載 | 0.05×1.80 | 0.09 | | | 0.02 | | | 0.07 |
| | | | 計 | 12.48 | | | 6.39 | | | 6.09 |
| | 又X18-又X18 | 床(2階床 | 0.32×1.40 | 0.44 | 梁 | 又X17-又X19 | 0.22 | 梁 | 又X17-又X19 | 0.22 |
| | 又Y３-又 | 床(2階床 | 0.20×1.40 | 0.28 | | 又Y３-又 | 0.14 | | 又-又Y３ | 0.14 |
| | | 床積載 | 0.32×1.80 | 0.57 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 1.66 | | | 0.83 | | | 0.83 |
| | 又X18-又X19 | 床(バルコニー | 0.28×0.59 | 0.17 | 柱 | 又X18 | 0.11 | 柱 | 又X19 | 0.06 |
| | 又-又 | 床積載 | 0.28×1.30 | 0.37 | | 又 | 0.25 | | 又 | 0.12 |
| | | サイディング(N/m²) | 0.26×0.70 | 0.88 | | | 0.44 | | | 0.44 |
| | | 床(バルコニー | 0.38×0.59 | 0.23 | | | 0.08 | | | 0.15 |
| | | 床(バルコニー | 0.19×0.59 | 0.11 | | | 0.09 | | | 0.02 |
| | | 床積載 | 0.38×1.30 | 0.50 | | | 0.17 | | | 0.33 |
| | | 床積載 | 0.19×1.30 | 0.25 | | | 0.21 | | | 0.04 |
| | | | 計 | 2.50 | | | 1.34 | | | 1.16 |
| | 又X18-又X21 | 柱又X20又 | ×1.000 | 2.05 | 梁 | 又X18-又X19 | 0.38 | 梁 | 又X20-又X21 | 1.67 |
| | 又-又Y５ | 床(2階床 | 0.46×1.40 | 0.64 | | 又Y４-又 | 0.43 | | 又Y５-又Y５ | 0.21 |
| | | 床積載 | 0.46×1.80 | 0.83 | | | 0.55 | | | 0.27 |
| | | 床(2階床 | 0.46×1.40 | 0.64 | | | 0.43 | | | 0.21 |
| | | 床積載 | 0.46×1.80 | 0.83 | | | 0.55 | | | 0.27 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.10 | | | 0.43 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.12 | | | 0.55 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.10 | | | 0.43 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.12 | | | 0.55 |
| | | 内壁 | 1.52×0.54 | 0.82 | | | 0.08 | | | 0.75 |
| | | 床(2階床 | 0.38×1.47 | 0.56 | | | 0.47 | | | 0.09 |
| | | 床(2階床 | 0.56×1.47 | 0.83 | | | 0.35 | | | 0.48 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.45 | | | 0.09 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.33 | | | 0.45 |
| | | 床積載 | 0.38×1.80 | 0.69 | | | 0.58 | | | 0.11 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.43 | | | 0.58 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.55 | | | 0.11 |
| | | 床積載 | 0.53×1.80 | 0.95 | | | 0.41 | | | 0.55 |
| | | 床(2階床 | 0.21×1.47 | 0.31 | | | 0.03 | | | 0.28 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.03 | | | 0.35 |
| | | 床(2階床 | 0.20×1.47 | 0.30 | | | 0.03 | | | 0.27 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.03 | | | 0.33 |
| | | | 計 | 16.41 | | | 6.70 | | | 9.71 |
| | 又X18-又X19 | 床(2階床 | 0.36×1.40 | 0.51 | 梁 | 又X17-又X20 | 0.25 | 梁 | 又X18-又X21 | 0.25 |
| | 又-又 | 床(2階床 | 0.56×1.40 | 0.78 | | 又Y４-又 | 0.39 | | 又-又Y５ | 0.39 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床積載 | 0.56×1.80 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 2.94 | | | 1.47 | | | 1.47 |
| | 又X18-又X19 | 柱又X19又Y５ | ×1.000 | 1.41 | 梁 | 又X16-又X19 | 0.71 | 梁 | 又X17-又X19 | 0.71 |
| | 又-又Y５ | 内壁 | 0.76×0.54 | 0.41 | | 又-又 | 0.21 | | 又Y４-又 | 0.21 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.19 | | | 0.09 | | | 0.09 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X18-又X19 | 内壁 | 0.33×0.54 | 0.18 | 梁 | 又X16-又X19 | 0.09 | 梁 | 又X17-又X19 | 0.09 |
| | 又-又Y５ | 床(2階床 | 0.04×1.40 | 0.06 | | 又-又 | 0.03 | | 又Y４-又 | 0.03 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.10 | | | 0.31 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.04 | | | 0.01 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.11 | | | 0.04 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.06 | | | 0.02 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.14 | | | 0.05 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.01 | | | 0.04 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.02 | | | 0.06 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.04 | | | 0.11 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.05 | | | 0.14 |
| | | | 計 | 3.85 | | | 1.82 | | | 2.03 |
| | 又X18-又X19 | 内壁 | 0.67×0.54 | 0.36 | 梁 | 又X18-又X19 | 0.18 | 梁 | 又X18-又X19 | 0.18 |
| | 又Y５-又Y５ | 床(2階床 | 0.05×1.40 | 0.07 | | 又Y５-又Y５ | 0.03 | | 又-又Y５ | 0.03 |
| | | 床積載 | 0.05×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | 床(2階床 | 0.04×1.40 | 0.06 | | | 0.03 | | | 0.03 |
| | | 床積載 | 0.04×1.80 | 0.08 | | | 0.04 | | | 0.04 |
| | | | 計 | 0.65 | | | 0.33 | | | 0.33 |
| | 又X18-又X19 | 床(2階床 | 0.32×1.40 | 0.44 | 梁 | 又X17-又X19 | 0.22 | 梁 | 又X18-又X19 | 0.22 |
| | 又-又 | 床(2階床 | 0.20×1.40 | 0.28 | | 又-又Y３ | 0.14 | | 又Y４-又 | 0.14 |
| | | 床積載 | 0.32×1.80 | 0.57 | | | 0.28 | | | 0.28 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.18 | | | 0.18 |
| | | | 計 | 1.66 | | | 0.83 | | | 0.83 |
| | 又X19-又X19 | 内壁 | 1.52×0.54 | 0.82 | 梁 | 又X18-又X19 | 0.41 | 梁 | 又X18-又X19 | 0.41 |
| | 又Y５-又 | 床(2階床 | 0.11×1.40 | 0.15 | | 又-又Y５ | 0.08 | | 又-又 | 0.08 |
| | | 床積載 | 0.11×1.80 | 0.20 | | | 0.10 | | | 0.10 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.07 | | | 0.07 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.09 | | | 0.09 |
| | | | 計 | 1.48 | | | 0.74 | | | 0.74 |
| | 又X19-又X19 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X19 | 0.56 | 柱 | 又X19 | 0.56 |
| | 又-又Y３ | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又Y３ | 0.59 |
| | | 床(2階床 | 0.21×1.40 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.98 | | | 1.49 | | | 1.49 |
| | 又X19-又X22 | 床(2階床 | 0.46×1.40 | 0.64 | 梁 | 又X18-又X19 | 0.43 | 梁 | 又X21-又 | 0.21 |
| | 又-又Y５ | 床積載 | 0.46×1.80 | 0.83 | | 又Y４-又 | 0.55 | | 又Y５-又 | 0.27 |
| | | 床(2階床 | 0.46×1.40 | 0.64 | | | 0.43 | | | 0.21 |
| | | 床積載 | 0.46×1.80 | 0.83 | | | 0.55 | | | 0.27 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.10 | | | 0.43 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.12 | | | 0.55 |
| | | 内壁 | 0.76×0.54 | 0.41 | | | 0.08 | | | 0.33 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.10 | | | 0.43 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.12 | | | 0.55 |
| | | 床(2階床 | 0.38×1.47 | 0.56 | | | 0.47 | | | 0.09 |
| | | 床(2階床 | 0.56×1.47 | 0.83 | | | 0.35 | | | 0.48 |
| | | 床(2階床 | 0.36×1.47 | 0.53 | | | 0.45 | | | 0.09 |
| | | 床(2階床 | 0.53×1.47 | 0.78 | | | 0.33 | | | 0.45 |
| | | 床積載 | 0.38×1.80 | 0.69 | | | 0.58 | | | 0.11 |
| | | 床積載 | 0.56×1.80 | 1.01 | | | 0.43 | | | 0.58 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.55 | | | 0.11 |
| | | 床積載 | 0.53×1.80 | 0.95 | | | 0.41 | | | 0.55 |
| | | 床(2階床 | 0.20×1.47 | 0.30 | | | 0.03 | | | 0.27 |
| | | 床(2階床 | 0.21×1.47 | 0.31 | | | 0.03 | | | 0.28 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.03 | | | 0.33 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.03 | | | 0.35 |
| | | | 計 | 13.53 | | | 6.24 | | | 7.29 |
| | 又X19-又X20 | 床(2階床 | 0.36×1.40 | 0.51 | 梁 | 又X18-又X21 | 0.25 | 梁 | 又X19-又X22 | 0.25 |
| | 又-又 | 床(2階床 | 0.56×1.40 | 0.78 | | 又-又Y５ | 0.39 | | 又-又Y５ | 0.39 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X19-又X20 | 床積載 | 0.56×1.80 | 1.00 | 梁 | 又X18-又X21 | 0.50 | 梁 | 又X19-又X22 | 0.50 |
| | 又-又 | | 計 | 2.94 | | 又-又Y５ | 1.47 | | 又-又Y５ | 1.47 |
| | 又X19-又X19 | 内壁 | 0.76×0.54 | 0.41 | 梁 | 又X17-又X19 | 0.21 | 梁 | 又X17-又X20 | 0.21 |
| | 又Y５-又Y５ | 床(2階床 | 0.27×1.40 | 0.38 | | 又Y４-又 | 0.19 | | 又Y４-又 | 0.19 |
| | | 床積載 | 0.27×1.80 | 0.48 | | | 0.24 | | | 0.24 |
| | | 床(2階床 | 0.11×1.40 | 0.15 | | | 0.08 | | | 0.08 |
| | | 床積載 | 0.11×1.80 | 0.19 | | | 0.10 | | | 0.10 |
| | | | 計 | 1.61 | | | 0.81 | | | 0.81 |
| | 又X19-又X20 | 内壁 | 1.44×0.54 | 0.77 | 柱 | 又X19 | 0.39 | 柱 | 又X20 | 0.39 |
| | 又-又 | 内壁 | 1.37×0.54 | 0.74 | | 又 | 0.37 | | 又 | 0.37 |
| | | 床(2階床 | 0.19×1.40 | 0.27 | | | 0.14 | | | 0.14 |
| | | 床積載 | 0.19×1.80 | 0.35 | | | 0.17 | | | 0.17 |
| | | 床(2階床 | 0.38×1.40 | 0.52 | | | 0.26 | | | 0.26 |
| | | 床積載 | 0.38×1.80 | 0.67 | | | 0.34 | | | 0.34 |
| | | | 計 | 3.34 | | | 1.67 | | | 1.67 |
| | 又X19-又X20 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X19 | 0.56 | 柱 | 又X20 | 0.56 |
| | 又Y３-又 | 外壁 | 1.69×0.70 | 1.18 | | 又Y３ | 0.59 | | 又 | 0.59 |
| | | 床(2階床 | 0.21×1.40 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.19 | | | 0.19 |
| | | | 計 | 2.98 | | | 1.49 | | | 1.49 |
| | 又X19-又X20 | 内壁 | 1.52×0.54 | 0.82 | 梁 | 又X17-又X20 | 0.41 | 梁 | 又X18-又X21 | 0.41 |
| | 又Y５-又 | 床(2階床 | 0.54×1.40 | 0.75 | | 又Y４-又 | 0.37 | | 又-又Y５ | 0.37 |
| | | 床積載 | 0.54×1.80 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床(2階床 | 0.22×1.40 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.22×1.80 | 0.39 | | | 0.19 | | | 0.19 |
| | | | 計 | 3.23 | | | 1.61 | | | 1.61 |
| | 又X19-又X20 | 内壁 | 0.93×0.54 | 0.50 | 柱 | 又X19 | 0.25 | 柱 | 又X20 | 0.25 |
| | 又-又Y５ | 床(2階床 | 1.54×1.44 | 2.21 | | 又 | 1.10 | | 又Y５ | 1.10 |
| | | 床積載 | 1.54×1.80 | 2.76 | | | 1.38 | | | 1.38 |
| | | 外壁 | 1.61×0.70 | 1.13 | | | 0.56 | | | 0.56 |
| | | 外壁 | 1.69×0.70 | 1.18 | | | 0.59 | | | 0.59 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.11 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.10 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.05 | | | 0.14 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.13 | | | 0.04 |
| | | | 計 | 8.43 | | | 4.21 | | | 4.21 |
| | 又X20-又X21 | 床(2階床 | 0.46×1.40 | 0.64 | 柱 | 又X20 | 0.06 | 柱 | 又X21 | 0.58 |
| | 又-又Y４ | 床積載 | 0.46×1.80 | 0.83 | | 又 | 0.08 | | 又Y４ | 0.75 |
| | | 外壁 | 3.22×0.70 | 2.26 | | | 1.13 | | | 1.13 |
| | | 外壁 | 3.37×0.70 | 2.36 | | | 1.18 | | | 1.18 |
| | | 床(2階床 | 0.38×1.40 | 0.54 | | | 0.29 | | | 0.24 |
| | | 床(2階床 | 1.40 | 0.01 | | | 0.00 | | | 0.01 |
| | | 床積載 | 0.38×1.80 | 0.69 | | | 0.38 | | | 0.31 |
| | | 床積載 | 1.80 | 0.01 | | | 0.00 | | | 0.01 |
| | | | 計 | 7.33 | | | 3.13 | | | 4.21 |
| | 又X20-又X21 | 床(2階床 | 0.36×1.40 | 0.51 | 梁 | 又X19-又X22 | 0.25 | 梁 | 又X20-又X21 | 0.25 |
| | 又-又Y４ | 床(2階床 | 0.56×1.40 | 0.78 | | 又-又Y５ | 0.39 | | 又-又Y４ | 0.39 |
| | | 床積載 | 0.36×1.80 | 0.65 | | | 0.33 | | | 0.33 |
| | | 床積載 | 0.56×1.80 | 1.00 | | | 0.50 | | | 0.50 |
| | | | 計 | 2.94 | | | 1.47 | | | 1.47 |
| | 又X20-又X21 | 内壁 | 1.52×0.54 | 0.82 | 梁 | 又X18-又X21 | 0.41 | 梁 | 又X19-又X22 | 0.41 |
| | 又-又 | 床(2階床 | 0.54×1.40 | 0.75 | | 又-又Y５ | 0.37 | | 又-又Y５ | 0.37 |
| | | 床積載 | 0.54×1.80 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床(2階床 | 0.22×1.40 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.22×1.80 | 0.39 | | | 0.19 | | | 0.19 |
| | | | 計 | 3.23 | | | 1.61 | | | 1.61 |
| | 又X20-又X21 | 柱又X21又Y５ | ×1.000 | 3.90 | 柱 | 又X20 | 1.95 | 柱 | 又X21 | 1.95 |
| | 又Y５-又Y５ | 内壁 | 2.62×0.54 | 1.42 | | 又Y５ | 0.71 | | 又Y５ | 0.71 |
| | | 床(2階床 | 2.04×1.44 | 2.94 | | | 1.47 | | | 1.47 |
| | | 床積載 | 2.04×1.80 | 3.68 | | | 1.84 | | | 1.84 |
| | | 柱又X20又 | ×0.816 | 1.67 | | | 0.84 | | | 0.84 |

| 梁 | | 荷重項目 | | | 受材１ | | | 受材２ | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 項目 | 面積×単位荷重 | Ｐ０ | 項目 | 符号 | 負担荷重 | 項目 | 符号 | 負担荷重 |
| 1 | 又X20-又X21 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X20 | 0.56 | 柱 | 又X21 | 0.56 |
| | 又Y５-又Y５ | 外壁 | 1.69×0.70 | 1.18 | | 又Y５ | 0.59 | | 又Y５ | 0.59 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.10 | | | 0.03 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.13 | | | 0.04 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.04 | | | 0.11 |
| | | 床積載 | 0.10×1.80 | 0.18 | | | 0.05 | | | 0.14 |
| | | | 計 | 16.55 | | | 8.27 | | | 8.28 |
| | 又X21-又X21 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X21 | 0.56 | 柱 | 又X21 | 0.56 |
| | 又Y４-又 | 外壁 | 1.69×0.70 | 1.18 | | 又Y４ | 0.59 | | 又 | 0.59 |
| | | 床(2階床 | 0.22×1.40 | 0.31 | | | 0.16 | | | 0.16 |
| | | 床積載 | 0.22×1.80 | 0.40 | | | 0.20 | | | 0.20 |
| | | | 計 | 3.02 | | | 1.51 | | | 1.51 |
| | 又X21-又X22 | 内壁 | 1.52×0.54 | 0.82 | 梁 | 又X19-又X22 | 0.41 | 梁 | 又X22-又 | 0.41 |
| | 又-又 | 床(2階床 | 0.54×1.40 | 0.75 | | 又-又Y５ | 0.37 | | 又-又 | 0.37 |
| | | 床積載 | 0.54×1.80 | 0.96 | | | 0.48 | | | 0.48 |
| | | 床(2階床 | 0.22×1.40 | 0.30 | | | 0.15 | | | 0.15 |
| | | 床積載 | 0.22×1.80 | 0.39 | | | 0.19 | | | 0.19 |
| | | | 計 | 3.23 | | | 1.61 | | | 1.61 |
| | 又X21-又 | 内壁 | 1.24×0.54 | 0.67 | 柱 | 又X21 | 0.45 | 柱 | 又 | 0.22 |
| | 又Y５-又 | 床(2階床 | 2.04×1.44 | 2.94 | | 又Y５ | 1.96 | | 又 | 0.98 |
| | | 床積載 | 2.04×1.80 | 3.68 | | | 2.45 | | | 1.23 |
| | | 外壁 | 2.42×0.70 | 1.69 | | | 0.85 | | | 0.85 |
| | | 外壁 | 2.53×0.70 | 1.77 | | | 0.88 | | | 0.88 |
| | | 床(2階床 | 0.20×1.40 | 0.28 | | | 0.09 | | | 0.19 |
| | | 床(2階床 | 0.10×1.40 | 0.14 | | | 0.11 | | | 0.02 |
| | | 床積載 | 0.20×1.80 | 0.36 | | | 0.12 | | | 0.24 |
| | | 床積載 | 0.10×1.80 | 0.17 | | | 0.15 | | | 0.03 |
| | | | 計 | 11.70 | | | 7.06 | | | 4.64 |
| | 又X21-又X22 | 外壁 | 1.61×0.70 | 1.13 | 柱 | 又X21 | 0.56 | 柱 | 又X22 | 0.56 |
| | 又-又 | 外壁 | 1.69×0.70 | 1.18 | | 又 | 0.59 | | 又 | 0.59 |
| | | 床(2階床 | 0.30×1.40 | 0.42 | | | 0.21 | | | 0.21 |
| | | 床積載 | 0.30×1.80 | 0.55 | | | 0.27 | | | 0.27 |
| | | | 計 | 3.28 | | | 1.64 | | | 1.64 |
| | 又X22-又 | 柱又X22又 | ×1.000 | 1.66 | 柱 | 又X22 | 1.16 | 柱 | 又 | 0.51 |
| | 又-又 | 内壁 | 0.76×0.54 | 0.41 | | 又 | 0.29 | | 又 | 0.13 |
| | | 床(2階床 | 0.38×1.40 | 0.53 | | | 0.37 | | | 0.16 |
| | | 床積載 | 0.38×1.80 | 0.68 | | | 0.47 | | | 0.21 |
| | | 外壁 | 2.32×0.70 | 1.62 | | | 0.81 | | | 0.81 |
| | | 外壁 | 2.43×0.70 | 1.70 | | | 0.85 | | | 0.85 |
| | | 床(2階床 | 0.03×1.40 | 0.04 | | | 0.04 | | | 0.01 |
| | | 床積載 | 0.03×1.80 | 0.06 | | | 0.05 | | | 0.01 |
| | | 床(2階床 | 0.21×1.40 | 0.30 | | | 0.10 | | | 0.19 |
| | | 床積載 | 0.21×1.80 | 0.38 | | | 0.13 | | | 0.25 |
| | | | 計 | 7.38 | | | 4.26 | | | 3.12 |

6.2 柱の設計

［使用記号］

NL：長期軸力 〈kN〉
NS：短期軸力 〈kN〉
（S：積雪による軸力 K：水平力による軸力）
λ：有効細長比
fkL：長期座屈許容応力度 〈N/mm²〉
fkS：短期座屈許容応力度 〈N/mm²〉
NkL：座屈からきまる長期許容軸力 〈kN〉
NkS：座屈からきまる短期許容軸力 〈kN〉

w：風圧力による曲げ荷重 〈kN/m〉
N：短期曲げ検討時の短期軸力 〈kN〉
M：短期曲げモーメント 〈kN・m〉
Na：短期許容軸力 〈kN〉
Ma：短期許容曲げモーメント 〈kN・m〉
NmL：柱の長期軸力 〈kN〉
NmS：柱の短期軸力 〈kN〉
NmaL：柱の長期許容めり込み軸力 〈kN〉
NmaS：柱の短期許容めり込み軸力 〈kN〉

※　木材の基準強度および許容応力度は計算書「使用材料及び許容応力度の木材」を参照

(1) 検定一覧表

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 2 | X0<br>Y1 | 欧州赤松集成材<br>120×120 | 1.39<br>10.76(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.03<br>0.14 | OK<br>OK | 0.438 | 1.39<br>0.687 | 77.45<br>6.359 | 0.13 | OK | 梁<br>欧州赤松集成材 | 1.39<br>8.89 | 25.91<br>47.10 | 0.05<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | 又X1<br>Y1 | 欧州赤松集成材<br>120×120 | 1.78<br>20.17(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.03<br>0.19 | OK<br>OK | 0.941 | 1.78<br>1.146 | 107.65<br>6.359 | 0.20 | OK | 梁<br>欧州赤松集成材 | 1.78<br>10.98 | 25.91<br>47.10 | 0.07<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1 | 欧州赤松集成材<br>120×120 | 7.42<br>35.18(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.13<br>0.33 | OK<br>OK | 1.818 | 7.42<br>2.213 | 107.65<br>6.359 | 0.42 | OK | 梁<br>欧州赤松集成材 | 7.42<br>21.30 | 25.91<br>47.10 | 0.29<br>0.45 | OK<br>OK | ○ | ○ | ○ |
| | 又X3<br>Y1 | 欧州赤松集成材<br>120×120 | 8.84<br>11.80(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.21<br>0.19 | OK<br>OK | 2.629 | 8.84<br>4.120 | 77.45<br>6.359 | 0.76 | OK | 梁<br>欧州赤松集成材 | 8.84<br>11.80 | 25.91<br>37.68 | 0.34<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y1 | 欧州赤松集成材<br>120×120 | 4.61<br>29.59(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.11<br>0.38 | OK<br>OK | 1.753 | 4.61<br>2.747 | 77.45<br>6.359 | 0.49 | OK | 梁<br>欧州赤松集成材 | 4.61<br>17.10 | 25.91<br>47.10 | 0.18<br>0.36 | OK<br>OK | ○ | ○ | ○ |
| | Y1 | 欧州赤松集成材<br>120×120 | 1.78<br>16.35(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.03<br>0.15 | OK<br>OK | 0.941 | 1.78<br>1.146 | 107.65<br>6.359 | 0.20 | OK | 梁<br>欧州赤松集成材 | 1.78<br>9.07 | 25.91<br>47.10 | 0.07<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1 | 欧州赤松集成材<br>120×120 | 7.42<br>17.83(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.13<br>0.17 | OK<br>OK | 1.818 | 7.42<br>2.213 | 107.65<br>6.359 | 0.42 | OK | 梁<br>欧州赤松集成材 | 7.42<br>12.62 | 25.91<br>47.10 | 0.29<br>0.27 | OK<br>OK | ○ | ○ | ○ |
| | 又X6<br>Y1 | 欧州赤松集成材<br>120×120 | 8.04<br>10.76(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.19<br>0.17 | OK<br>OK | 2.345 | 8.04<br>3.675 | 77.45<br>6.359 | 0.68 | OK | 梁<br>欧州赤松集成材 | 8.04<br>10.76 | 25.91<br>37.68 | 0.31<br>0.29 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1 | 欧州赤松集成材<br>120×120 | 5.60<br>22.95(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.09<br>0.21 | OK<br>OK | 1.688 | 5.60<br>2.055 | 107.65<br>6.359 | 0.38 | OK | 梁<br>欧州赤松集成材 | 5.60<br>14.28 | 25.91<br>47.10 | 0.22<br>0.30 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y1 | 欧州赤松集成材<br>120×120 | 2.70<br>13.11(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.06<br>0.17 | OK<br>OK | 0.657 | 2.70<br>1.030 | 77.45<br>6.359 | 0.20 | OK | 梁<br>欧州赤松集成材 | 2.70<br>11.03 | 25.91<br>47.10 | 0.10<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | 又X11<br>又Y1 | 欧州赤松集成材<br>120×120 | 0.21<br>0.21(S) | 85.6 | 4.57<br>6.65 | 65.84<br>95.77 | 0.00<br>0.00 | OK<br>OK | －<br> | －<br>－ | －<br>－ | － | － | 梁<br>欧州赤松集成材 | 0.21<br>0.21 | 20.72<br>30.14 | 0.01<br>0.01 | OK<br>OK | ○ | － | ○ |
| | X0<br>又Y1 | 欧州赤松集成材<br>120×120 | 1.93<br>19.28(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.04<br>0.21 | OK<br>OK | 1.004 | 1.93<br>1.367 | 93.63<br>6.359 | 0.24 | OK | 梁<br>欧州赤松集成材 | 1.93<br>10.60 | 25.91<br>47.10 | 0.07<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y1 | 欧州赤松集成材<br>120×120 | 2.02<br>12.43(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.04<br>0.13 | OK<br>OK | －<br> | －<br>－ | －<br>－ | － | － | 梁<br>欧州赤松集成材 | 2.02<br>7.23 | 25.91<br>47.10 | 0.08<br>0.15 | OK<br>OK | ○ | － | ○ |
| | X9<br>又Y1 | 欧州赤松集成材<br>120×120 | 1.24<br>10.61(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.02<br>0.10 | OK<br>OK | 0.785 | 1.24<br>0.956 | 107.65<br>6.359 | 0.16 | OK | 梁<br>欧州赤松集成材 | 1.24<br>5.93 | 25.91<br>47.10 | 0.05<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 1.22<br>1.22(S) | 85.6 | 4.57<br>6.65 | 65.84<br>95.77 | 0.02<br>0.01 | OK<br>OK | －<br> | －<br>－ | －<br>－ | － | － | 梁<br>欧州赤松集成材 | 1.22<br>1.22 | 25.91<br>37.68 | 0.05<br>0.03 | OK<br>OK | ○ | － | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 2.33<br>8.58(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.04<br>0.08 | OK<br>OK | 0.876 | 2.33<br>1.067 | 107.65<br>6.359 | 0.19 | OK | 梁<br>欧州赤松集成材 | 2.33<br>5.46 | 25.91<br>47.10 | 0.09<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 2.61<br>3.01(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.05<br>0.04 | OK<br>OK | 1.095 | 2.61<br>1.492 | 93.63<br>6.359 | 0.26 | OK | －<br>－ | －<br>－ | －<br>－ | －<br>－ | －<br>－ | ○ | ○ | － |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 3.03<br>9.42(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.05<br>0.09 | OK<br>OK | －<br> | －<br>－ | －<br>－ | － | － | 梁<br>欧州赤松集成材 | 3.03<br>8.14 | 25.91<br>47.10 | 0.12<br>0.17 | OK<br>OK | ○ | － | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 1.90<br>19.26(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.04<br>0.21 | OK<br>OK | －<br> | －<br>－ | －<br>－ | － | － | 梁<br>欧州赤松集成材 | 1.90<br>10.58 | 25.91<br>47.10 | 0.07<br>0.22 | OK<br>OK | ○ | － | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 5.26<br>14.63(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.09<br>0.14 | OK<br>OK | 1.866 | 5.26<br>2.272 | 107.65<br>6.359 | 0.41 | OK | 梁<br>欧州赤松集成材 | 5.26<br>9.95 | 25.91<br>47.10 | 0.20<br>0.21 | OK<br>OK | ○ | ○ | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 2 | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 3.33<br>18.39(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.06<br>0.17 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.33<br>5.38 | 25.91<br>47.10 | 0.13<br>0.33 | OK<br>OK | ○ | — | ○ |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 2.23<br>17.29(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.04<br>0.18 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 3.30<br>20.65(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.06<br>0.22 | OK<br>OK | 1.314 | 3.30<br>1.790 | 93.63<br>6.359 | 0.32 | OK | 梁<br>欧州赤松集成材 | 3.30<br>1.97 | 25.91<br>47.10 | 0.13<br>0.25 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 2.36<br>19.71(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.05<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.36<br>1.03 | 25.91<br>47.10 | 0.09<br>0.23 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 8.29<br>13.49(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.14<br>0.13 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 8.29<br>2.45 | 25.91<br>47.10 | 0.32<br>0.26 | OK<br>OK | ○ | — | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 3.65<br>18.71(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.07<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.65<br>5.69 | 25.91<br>47.10 | 0.14<br>0.33 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y2 | 欧州赤松集成材<br>120×120 | 5.01<br>5.69(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.12<br>0.09 | OK<br>OK | 1.753 | 5.01<br>2.747 | 77.45<br>6.359 | 0.50 | OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | ○ | — |
| | X5<br>Y2 | 欧州赤松集成材<br>120×120 | 3.51<br>4.51(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.07<br>0.06 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.51<br>4.51 | 25.91<br>37.68 | 0.14<br>0.12 | OK<br>OK | ○ | — | ○ |
| | X9<br>Y2 | 欧州赤松集成材<br>120×120 | 9.64<br>20.05(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.16<br>0.19 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 4.03<br>12.70(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.09<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.03<br>0.97 | 25.91<br>47.10 | 0.16<br>0.23 | OK<br>OK | ○ | — | ○ |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 0.54<br>0.92(S) | 121.4 | 2.10<br>3.05 | 30.19<br>43.91 | 0.02<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 3.28<br>10.22(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.06<br>0.09 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.28<br>6.75 | 25.91<br>47.10 | 0.13<br>0.14 | OK<br>OK | ○ | — | ○ |
| | X0 | 欧州赤松集成材<br>120×120 | 3.91<br>21.26(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.08<br>0.23 | OK<br>OK | 1.314 | 3.91<br>1.790 | 93.63<br>6.359 | 0.32 | OK | 梁<br>欧州赤松集成材 | 3.91<br>2.58 | 25.91<br>47.10 | 0.15<br>0.27 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | X3 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | X5 | 欧州赤松集成材<br>120×120 | 2.53<br>19.88(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.05<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.53<br>1.21 | 25.91<br>47.10 | 0.10<br>0.24 | OK<br>OK | ○ | — | ○ |
| | 又 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 3.19<br>8.39(K) | 117.4 | 2.24<br>4.08 | 32.28<br>58.68 | 0.10<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.19<br>7.35 | 25.91<br>47.10 | 0.12<br>0.16 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 4.42<br>13.44(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.09<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.42<br>1.63 | 25.91<br>47.10 | 0.17<br>0.25 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y3 | 欧州赤松集成材<br>120×120 | 3.93<br>21.28(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.09<br>0.27 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 4.72<br>22.07(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.08<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.72<br>3.39 | 25.91<br>47.10 | 0.18<br>0.28 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 3.32<br>20.68(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.06<br>0.19 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.32<br>2.00 | 25.91<br>47.10 | 0.13<br>0.25 | OK<br>OK | ○ | — | ○ |
| | X3<br>Y3 | 欧州赤松集成材<br>120×120 | 8.43<br>18.84(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.20<br>0.24 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X4<br>Y3 | 欧州赤松集成材<br>120×120 | 4.48<br>6.09(S) | 90.1 | 4.11<br>5.98 | 59.21<br>86.12 | 0.08<br>0.07 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.48<br>6.09 | 25.91<br>37.68 | 0.17<br>0.16 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y3 | 欧州赤松集成材<br>120×120 | 3.22<br>20.57(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.08<br>0.27 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 3.20<br>13.61(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.05<br>0.13 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.20<br>8.41 | 25.91<br>47.10 | 0.12<br>0.18 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込み |
| 2 | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 5.31<br>7.48(S) | 90.1 | 4.11<br>5.98 | 59.21<br>86.12 | 0.09<br>0.09 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 5.31<br>7.48 | 25.91<br>37.68 | 0.21<br>0.20 | OK<br>OK | ○ | — | ○ |
| | 又X6<br>Y3 | 欧州赤松集成材<br>120×120 | 7.75<br>35.52(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.18<br>0.46 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.75<br>21.64 | 25.91<br>47.10 | 0.30<br>0.46 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>Y3 | 欧州赤松集成材<br>120×120 | 7.20<br>10.10(S) | 90.1 | 4.11<br>5.98 | 59.21<br>86.12 | 0.12<br>0.12 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.20<br>10.10 | 25.91<br>37.68 | 0.28<br>0.27 | OK<br>OK | ○ | — | ○ |
| | X9<br>Y3 | 欧州赤松集成材<br>120×120 | 11.63<br>22.04(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.27<br>0.28 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X17<br>又Y3 | 欧州赤松集成材<br>120×120 | 3.40<br>18.46(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | 0.07<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.40<br>15.45 | 25.91<br>47.10 | 0.13<br>0.33 | OK<br>OK | ○ | — | ○ |
| | X0<br>又Y3 | 欧州赤松集成材<br>120×120 | 3.81<br>4.16(S) | 93.6 | 3.76<br>5.46 | 54.07<br>78.64 | 0.07<br>0.05 | OK<br>OK | 1.095 | 3.81<br>1.438 | 98.30<br>6.359 | 0.26 | OK | 梁<br>欧州赤松集成材 | 3.81<br>4.16 | 25.91<br>37.68 | 0.15<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 4.17<br>9.37(K) | 117.4 | 2.24<br>4.08 | 32.28<br>58.68 | 0.13<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.17<br>8.33 | 25.91<br>47.10 | 0.16<br>0.18 | OK<br>OK | ○ | — | ○ |
| | 又X20<br>又 | 欧州赤松集成材<br>120×120 | 4.15<br>19.21(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.08<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 3.02<br>18.08(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.05<br>0.17 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 0.96<br>0.96(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.02<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.96<br>0.96 | 25.91<br>37.68 | 0.04<br>0.03 | OK<br>OK | ○ | — | ○ |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 3.30<br>4.42(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | 0.07<br>0.06 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.30<br>4.42 | 25.91<br>37.68 | 0.13<br>0.12 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y4 | 欧州赤松集成材<br>120×120 | 10.54<br>20.95(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.25<br>0.27 | OK<br>OK | 1.341 | 10.54<br>2.102 | 77.45<br>6.359 | 0.47 | OK | 梁<br>欧州赤松集成材 | 10.54<br>15.74 | 25.91<br>47.10 | 0.41<br>0.33 | OK<br>OK | ○ | ○ | ○ |
| | X2<br>Y4 | 欧州赤松集成材<br>120×120 | 4.59<br>5.01(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.11<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.59<br>5.01 | 25.91<br>37.68 | 0.18<br>0.13 | OK<br>OK | ○ | — | ○ |
| | X3<br>Y4 | 欧州赤松集成材<br>120×120 | 4.22<br>4.79(S) | 93.6 | 3.76<br>5.46 | 54.07<br>78.64 | 0.08<br>0.06 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | Y4 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 13.9 | 10.30<br>18.73 | 148.37<br>269.76 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | Y4 | 欧州赤松集成材<br>120×120 | 6.74<br>8.26(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | 0.08<br>0.07 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 6.74<br>8.26 | 20.72<br>30.14 | 0.33<br>0.27 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>Y4 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 13.9 | 10.30<br>18.73 | 148.37<br>269.76 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>Y4 | 欧州赤松集成材<br>120×120 | 2.07<br>2.07(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | 0.03<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.07<br>2.07 | 20.72<br>30.14 | 0.10<br>0.07 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y4 | 欧州赤松集成材<br>150×180 | 7.78<br>21.90(K) | 66.5 | 5.40<br>9.82 | 145.82<br>265.13 | 0.05<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X14<br>又Y4 | 欧州赤松集成材<br>120×120 | 6.30<br>30.31(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.11<br>0.28 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 6.30<br>18.30 | 25.91<br>47.10 | 0.24<br>0.39 | OK<br>OK | ○ | — | ○ |
| | 又X12<br>又Y4 | 欧州赤松集成材<br>120×120 | 0.53<br>0.53(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.01<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.53<br>0.53 | 25.91<br>37.68 | 0.02<br>0.01 | OK<br>OK | ○ | — | ○ |
| | 又X21<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.42<br>5.66(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.10<br>0.09 | OK<br>OK | 1.518 | 4.42<br>2.379 | 77.45<br>6.359 | 0.43 | OK | 梁<br>欧州赤松集成材 | 4.42<br>5.66 | 25.91<br>37.68 | 0.17<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | X2<br>又Y4 | 欧州赤松集成材<br>120×120 | 2.51<br>2.51(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | 0.05<br>0.03 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.51<br>2.51 | 25.91<br>37.68 | 0.10<br>0.07 | OK<br>OK | ○ | — | ○ |
| | X3<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.15<br>4.15(S) | 93.6 | 3.76<br>5.46 | 54.07<br>78.64 | 0.08<br>0.05 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.15<br>4.15 | 25.91<br>37.68 | 0.16<br>0.11 | OK<br>OK | ○ | — | ○ |
| | 又X16<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.31<br>12.99(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.09<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 7.17<br>21.05(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.17<br>0.27 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.17<br>14.11 | 25.91<br>47.10 | 0.28<br>0.30 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>又 | 欧州赤松集成材<br>120×120 | 1.22<br>1.22(S) | 78.8 | 5.27<br>7.67 | 75.95<br>110.48 | 0.02<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.22<br>1.22 | 25.91<br>37.68 | 0.05<br>0.03 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 2 | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 7.34<br>24.69(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.17<br>0.32 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.34<br>16.01 | 25.91<br>47.10 | 0.28<br>0.34 | OK<br>OK | ○ | — | ○ |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 1.38<br>36.08(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | 0.03<br>0.41 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.38<br>18.73 | 25.91<br>47.10 | 0.05<br>0.40 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 7.74<br>25.10(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.18<br>0.32 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.74<br>16.42 | 25.91<br>47.10 | 0.30<br>0.35 | OK<br>OK | ○ | — | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 8.31<br>17.20(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | 0.10<br>0.11 | OK<br>OK | 1.314 | 8.31<br>1.094 | 149.78<br>6.359 | 0.23 | OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | ○ | — |
| | 又X1<br>又 | 欧州赤松集成材<br>120×120 | 2.05<br>2.05(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.03<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.05<br>2.05 | 25.91<br>37.68 | 0.08<br>0.05 | OK<br>OK | ○ | — | ○ |
| | 又<br>又 | 欧州赤松集成材<br>120×120 | 2.05<br>2.05(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.03<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.05<br>2.05 | 25.91<br>37.68 | 0.08<br>0.05 | OK<br>OK | ○ | — | ○ |
| | X2<br>又 | 欧州赤松集成材<br>120×120 | 6.16<br>28.75(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | 0.08<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 6.16<br>17.46 | 25.91<br>47.10 | 0.24<br>0.37 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 3.51<br>4.79(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | 0.07<br>0.07 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.51<br>4.79 | 25.91<br>37.68 | 0.14<br>0.13 | OK<br>OK | ○ | — | ○ |
| | | 欧州赤松集成材<br>120×120 | 6.06<br>7.17(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.08<br>0.06 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 6.06<br>7.17 | 25.91<br>37.68 | 0.23<br>0.19 | OK<br>OK | ○ | — | ○ |
| | X5 | 欧州赤松集成材<br>120×120 | 8.44<br>16.91(K) | 73.6 | 5.81<br>10.56 | 83.66<br>152.11 | 0.10<br>0.11 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 8.44<br>12.68 | 25.91<br>47.10 | 0.33<br>0.27 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 3.98<br>19.04(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.07<br>0.18 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.98<br>11.51 | 25.91<br>47.10 | 0.15<br>0.24 | OK<br>OK | ○ | — | ○ |
| | 又X22<br>又 | 欧州赤松集成材<br>120×120 | 2.75<br>3.57(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | 0.05<br>0.05 | OK<br>OK | 0.926 | 2.75<br>1.284 | 91.29<br>6.359 | 0.23 | OK | 梁<br>欧州赤松集成材 | 2.75<br>3.57 | 25.91<br>37.68 | 0.11<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 4.78<br>19.84(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.11<br>0.26 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.78<br>12.31 | 25.91<br>47.10 | 0.18<br>0.26 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>又 | 欧州赤松集成材<br>120×120 | 2.28<br>2.28(S) | 78.8 | 5.27<br>7.67 | 75.95<br>110.48 | 0.03<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.28<br>2.28 | 25.91<br>37.68 | 0.09<br>0.06 | OK<br>OK | ○ | — | ○ |
| | 又X22<br>又 | 欧州赤松集成材<br>120×120 | 1.66<br>9.44(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.03<br>0.10 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.66<br>7.88 | 25.91<br>47.10 | 0.06<br>0.17 | OK<br>OK | ○ | — | ○ |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 0.82<br>35.52(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | 0.02<br>0.40 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.82<br>18.17 | 25.91<br>47.10 | 0.03<br>0.39 | OK<br>OK | ○ | — | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 4.66<br>11.05(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.11<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | X0 | 欧州赤松集成材<br>120×120 | 7.28<br>15.75(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | 0.09<br>0.11 | OK<br>OK | 1.175 | 7.28<br>0.978 | 149.78<br>6.359 | 0.20 | OK | 梁<br>欧州赤松集成材 | 7.28<br>11.51 | 25.91<br>47.10 | 0.28<br>0.24 | OK<br>OK | ○ | ○ | ○ |
| | X2 | 欧州赤松集成材<br>120×120 | 7.55<br>30.14(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | 0.10<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.55<br>18.84 | 25.91<br>47.10 | 0.29<br>0.40 | OK<br>OK | ○ | — | ○ |
| | X3 | 欧州赤松集成材<br>120×120 | 7.39<br>7.86(S) | 83.1 | 4.83<br>7.02 | 69.53<br>101.13 | 0.11<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.39<br>7.86 | 25.91<br>37.68 | 0.29<br>0.21 | OK<br>OK | ○ | — | ○ |
| | | 欧州赤松集成材<br>120×120 | 3.11<br>3.11(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.04<br>0.03 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.11<br>3.11 | 25.91<br>37.68 | 0.12<br>0.08 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 5.31<br>22.66(K) | 91.0 | 4.02<br>7.31 | 57.92<br>105.31 | 0.09<br>0.22 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 5.31<br>13.98 | 25.91<br>47.10 | 0.20<br>0.30 | OK<br>OK | ○ | — | ○ |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 1.15<br>1.15(S) | 97.0 | 3.40<br>4.94 | 48.93<br>71.17 | 0.02<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.15<br>1.15 | 25.91<br>37.68 | 0.04<br>0.03 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 5.73<br>31.76(K) | 91.8 | 3.93<br>7.15 | 56.64<br>102.97 | 0.10<br>0.31 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 5.73<br>18.75 | 25.91<br>47.10 | 0.22<br>0.40 | OK<br>OK | ○ | — | ○ |
| | 又<br>又 | 欧州赤松集成材<br>120×120 | 1.75<br>10.77(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.04<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X20<br>又 | 欧州赤松集成材<br>120×120 | 2.05<br>2.05(S) | 97.9 | 3.31<br>4.81 | 47.64<br>69.30 | 0.04<br>0.03 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.05<br>2.05 | 25.91<br>37.68 | 0.08<br>0.05 | OK<br>OK | ○ | — | ○ |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 3.18<br>18.24(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.06<br>0.19 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.18<br>10.71 | 25.91<br>47.10 | 0.12<br>0.23 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 2 | X0<br>Y5 | 欧州赤松集成材<br>120×120 | 5.69<br>26.02(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | 0.08<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X1<br>Y5 | 欧州赤松集成材<br>120×120 | 3.49<br>11.40(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | 0.04<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.49<br>7.44 | 25.91<br>47.10 | 0.13<br>0.16 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y5 | 欧州赤松集成材<br>120×120 | 4.26<br>12.17(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | 0.05<br>0.09 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.26<br>8.22 | 25.91<br>47.10 | 0.16<br>0.17 | OK<br>OK | ○ | — | ○ |
| | X2<br>Y5 | 欧州赤松集成材<br>120×120 | 2.58<br>22.91(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | 0.03<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.58<br>12.75 | 25.91<br>47.10 | 0.10<br>0.27 | OK<br>OK | ○ | — | ○ |
| | Y5 | 欧州赤松集成材<br>120×120 | 5.89<br>7.40(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.08<br>0.06 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 5.89<br>7.40 | 25.91<br>37.68 | 0.23<br>0.20 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>Y5 | 欧州赤松集成材<br>120×120 | 1.96<br>1.96(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.02<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.96<br>1.96 | 25.91<br>37.68 | 0.08<br>0.05 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y5 | 欧州赤松集成材<br>120×120 | 7.04<br>8.53(S) | 83.1 | 4.83<br>7.02 | 69.53<br>101.13 | 0.10<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 7.04<br>8.53 | 25.91<br>37.68 | 0.27<br>0.23 | OK<br>OK | ○ | — | ○ |
| | 又X18<br>又Y5 | 欧州赤松集成材<br>120×120 | 4.51<br>19.57(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.09<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.51<br>12.04 | 25.91<br>47.10 | 0.17<br>0.26 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又Y5 | 欧州赤松集成材<br>120×120 | 4.21<br>19.27(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.10<br>0.25 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 4.21<br>11.74 | 25.91<br>47.10 | 0.16<br>0.25 | OK<br>OK | ○ | — | ○ |
| | 又X21<br>又Y5 | 欧州赤松集成材<br>120×120 | 3.90<br>12.92(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.08<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.90<br>8.41 | 25.91<br>47.10 | 0.15<br>0.18 | OK<br>OK | ○ | — | ○ |
| | 又X19<br>又Y5 | 欧州赤松集成材<br>120×120 | 1.41<br>10.09(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.03<br>0.11 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.41<br>5.75 | 25.91<br>47.10 | 0.05<br>0.12 | OK<br>OK | ○ | — | ○ |
| | X10<br>又Y5 | 欧州赤松集成材<br>120×120 | 2.65<br>9.04(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.05<br>0.10 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.65<br>5.84 | 25.91<br>47.10 | 0.10<br>0.12 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>又Y5 | 欧州赤松集成材<br>120×120 | 11.30<br>15.49(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.27<br>0.25 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 11.30<br>15.49 | 25.91<br>37.68 | 0.44<br>0.41 | OK<br>OK | ○ | — | ○ |
| | 又<br>又Y5 | 欧州赤松集成材<br>120×120 | 1.03<br>1.03(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.02<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.03<br>1.03 | 25.91<br>37.68 | 0.04<br>0.03 | OK<br>OK | ○ | — | ○ |
| | X9<br>又Y5 | 欧州赤松集成材<br>120×120 | 7.62<br>9.65(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.18<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | X0 | 欧州赤松集成材<br>120×120 | 6.85<br>7.45(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | 0.08<br>0.06 | OK<br>OK | 0.876 | 6.85<br>0.729 | 149.78<br>6.359 | 0.16 | OK | 梁<br>欧州赤松集成材 | 6.85<br>7.45 | 25.91<br>37.68 | 0.26<br>0.20 | OK<br>OK | ○ | ○ | ○ |
| | | 欧州赤松集成材<br>120×120 | 3.98<br>3.98(S) | 77.9 | 5.36<br>7.80 | 77.24<br>112.34 | 0.05<br>0.04 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.98<br>3.98 | 25.91<br>37.68 | 0.15<br>0.11 | OK<br>OK | ○ | — | ○ |
| | X5 | 欧州赤松集成材<br>120×120 | 10.00<br>11.74(S) | 73.6 | 5.81<br>8.45 | 83.66<br>121.69 | 0.12<br>0.10 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 10.00<br>11.74 | 25.91<br>37.68 | 0.39<br>0.31 | OK<br>OK | ○ | — | ○ |
| | X3<br>又 | 欧州赤松集成材<br>120×120 | 9.50<br>9.81(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | 0.12<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 9.50<br>9.81 | 25.91<br>37.68 | 0.37<br>0.26 | OK<br>OK | ○ | — | ○ |
| | 又 | 欧州赤松集成材<br>120×120 | 1.08<br>1.08(S) | 78.8 | 5.27<br>7.67 | 75.95<br>110.48 | 0.01<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.08<br>1.08 | 25.91<br>37.68 | 0.04<br>0.03 | OK<br>OK | ○ | — | ○ |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 3.03<br>26.77(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.07<br>0.35 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.03<br>14.90 | 25.91<br>47.10 | 0.12<br>0.32 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 3.96<br>19.02(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.08<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.96<br>11.49 | 25.91<br>47.10 | 0.15<br>0.24 | OK<br>OK | ○ | — | ○ |
| | X0 | 欧州赤松集成材<br>120×120 | 6.81<br>35.03(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | 0.08<br>0.23 | OK<br>OK | 0.876 | 6.81<br>0.729 | 149.78<br>6.359 | 0.16 | OK | 梁<br>欧州赤松集成材 | 6.81<br>20.92 | 25.91<br>47.10 | 0.26<br>0.44 | OK<br>OK | ○ | ○ | ○ |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 2.42<br>7.63(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | 0.05<br>0.08 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.42<br>5.02 | 25.91<br>47.10 | 0.09<br>0.11 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 3.94<br>12.61(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.09<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 0.72<br>0.72(S) | 97.9 | 3.31<br>4.81 | 47.64<br>69.30 | 0.02<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.72<br>0.72 | 20.72<br>30.14 | 0.03<br>0.02 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 1.88<br>16.94(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.04<br>0.18 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.88<br>9.41 | 25.91<br>47.10 | 0.07<br>0.20 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 2 | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 2.96<br>3.89(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.06<br>0.05 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.96<br>3.89 | 25.91<br>37.68 | 0.11<br>0.10 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y6 | 欧州赤松集成材<br>120×120 | 11.64<br>17.29(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | 0.17<br>0.14 | OK<br>OK | 1.314 | 11.64<br>1.363 | 126.41<br>6.359 | 0.31 | OK | 梁<br>欧州赤松集成材 | 11.64<br>14.46 | 25.91<br>47.10 | 0.45<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y6 | 欧州赤松集成材<br>120×120 | 11.48<br>39.70(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | 0.17<br>0.31 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 11.48<br>25.59 | 25.91<br>47.10 | 0.44<br>0.54 | OK<br>OK | ○ | — | ○ |
| | Y6 | 欧州赤松集成材<br>120×120 | 8.74<br>11.24(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | 0.11<br>0.10 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 8.74<br>11.24 | 25.91<br>37.68 | 0.34<br>0.30 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y6 | 欧州赤松集成材<br>120×120 | 13.21<br>41.43(K) | 73.6 | 5.81<br>10.56 | 83.66<br>152.11 | 0.16<br>0.27 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 13.21<br>27.32 | 25.91<br>47.10 | 0.51<br>0.58 | OK<br>OK | ○ | — | ○ |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 2.39<br>2.78(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | 0.05<br>0.04 | OK<br>OK | 0.994 | 2.39<br>1.379 | 91.29<br>6.359 | 0.24 | OK | 梁<br>欧州赤松集成材 | 2.39<br>2.78 | 25.91<br>37.68 | 0.09<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 2.59<br>8.98(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.06<br>0.12 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X11<br>又Y6 | 欧州赤松集成材<br>120×120 | 1.70<br>2.21(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.03<br>0.03 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.70<br>2.21 | 25.91<br>37.68 | 0.07<br>0.06 | OK<br>OK | ○ | — | ○ |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 2.07<br>2.91(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | 0.04<br>0.04 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 2.07<br>2.91 | 25.91<br>37.68 | 0.08<br>0.08 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 3.25<br>18.31(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | 0.06<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 3.25<br>15.30 | 25.91<br>47.10 | 0.13<br>0.32 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y7 | 欧州赤松集成材<br>120×120 | 11.45<br>12.33(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | 0.14<br>0.10 | OK<br>OK | 1.534 | 11.45<br>1.276 | 149.78<br>6.359 | 0.28 | OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | ○ | — |
| | X3<br>Y7 | 欧州赤松集成材<br>120×120 | 15.98<br>38.57(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | 0.19<br>0.26 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 15.98<br>27.27 | 25.91<br>47.10 | 0.62<br>0.58 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y7 | 欧州赤松集成材<br>120×120 | 14.15<br>24.03(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | 0.20<br>0.19 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 14.15<br>19.09 | 25.91<br>47.10 | 0.55<br>0.41 | OK<br>OK | ○ | — | ○ |
| | 又X12<br>又Y7 | 欧州赤松集成材<br>120×120 | 2.92<br>3.34(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.07<br>0.05 | OK<br>OK | 1.098 | 2.92<br>1.720 | 77.45<br>6.359 | 0.31 | OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | ○ | — |
| | X5 | 欧州赤松集成材<br>150×150 | 0.54<br>13.24(K) | 58.9 | 7.33<br>13.32 | 164.85<br>299.73 | 0.00<br>0.04 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 1.55<br>10.23(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | 0.03<br>0.11 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.55<br>8.49 | 25.91<br>47.10 | 0.06<br>0.18 | OK<br>OK | ○ | — | ○ |
| | X3<br>又 | 欧州赤松集成材<br>120×120 | 1.03<br>1.03(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | 0.01<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.03<br>1.03 | 25.91<br>37.68 | 0.04<br>0.03 | OK<br>OK | ○ | — | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 0.62<br>0.62(S) | 73.6 | 5.81<br>8.45 | 83.66<br>121.69 | 0.01<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.62<br>0.62 | 25.91<br>37.68 | 0.02<br>0.02 | OK<br>OK | ○ | — | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 1.56<br>24.14(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | 0.02<br>0.16 | OK<br>OK | 1.095 | 1.56<br>0.911 | 149.78<br>6.359 | 0.15 | OK | 梁<br>欧州赤松集成材 | 1.56<br>12.85 | 25.91<br>47.10 | 0.06<br>0.27 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 12.2 | 10.30<br>18.73 | 148.37<br>269.76 | 0.00<br>0.00 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | 0.00<br>0.00 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 1.74<br>8.68(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | 0.04<br>0.10 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.74<br>7.29 | 25.91<br>47.10 | 0.07<br>0.15 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 1.32<br>5.97(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | 0.03<br>0.07 | OK<br>OK | — | —<br>— | —<br>— | — | — | 梁<br>欧州赤松集成材 | 1.32<br>3.65 | 25.91<br>47.10 | 0.05<br>0.08 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y8 | 欧州赤松集成材<br>120×120 | 1.88<br>10.35(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | 0.03<br>0.08 | OK<br>OK | 0.494 | 1.88<br>0.512 | 126.41<br>6.359 | 0.10 | OK | 梁<br>欧州赤松集成材 | 1.88<br>8.66 | 25.91<br>47.10 | 0.07<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | 又X1<br>Y8 | 欧州赤松集成材<br>120×120 | 5.25<br>19.37(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | 0.07<br>0.14 | OK<br>OK | 2.027 | 5.25<br>1.806 | 142.77<br>6.359 | 0.32 | OK | 梁<br>欧州赤松集成材 | 5.25<br>12.31 | 25.91<br>47.10 | 0.20<br>0.26 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y8 | 欧州赤松集成材<br>120×120 | 8.46<br>10.72(S) | 83.1 | 4.83<br>7.02 | 69.53<br>101.13 | 0.12<br>0.11 | OK<br>OK | 3.077 | 8.46<br>3.190 | 126.41<br>6.359 | 0.57 | OK | 梁<br>欧州赤松集成材 | 8.46<br>10.72 | 25.91<br>37.68 | 0.33<br>0.28 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y8 | 欧州赤松集成材<br>120×120 | 6.76<br>24.11(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | 0.10<br>0.19 | OK<br>OK | 2.419 | 6.76<br>2.508 | 126.41<br>6.359 | 0.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | ○ | — |
| | Y8 | 欧州赤松集成材<br>120×120 | 5.11<br>15.52(K) | 92.7 | 3.84<br>6.99 | 55.35<br>100.64 | 0.09<br>0.15 | OK<br>OK | 1.972 | 5.11<br>2.541 | 100.64<br>6.359 | 0.45 | OK | 梁<br>欧州赤松集成材 | 5.11<br>10.31 | 25.91<br>47.10 | 0.20<br>0.22 | OK<br>OK | ○ | ○ | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 2 | X6<br>Y8 | 欧州赤松集成材<br>120×120 | 4.83<br>15.24(K) | 92.7 | 3.84<br>6.99 | 55.35<br>100.64 | 0.09<br>0.15 | OK<br>OK | 1.866 | 4.83<br>2.405 | 100.64<br>6.359 | 0.43 | OK | 梁<br>欧州赤松集成材 | 4.83<br>10.04 | 25.91<br>47.10 | 0.19<br>0.21 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>Y8 | 欧州赤松集成材<br>120×120 | 9.41<br>26.76(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | 0.22<br>0.35 | OK<br>OK | 1.534 | 9.41<br>2.404 | 77.45<br>6.359 | 0.50 | OK | －<br>－ | －<br>－ | －<br>－ | －<br>－ | －<br>－ | ○ | ○ | － |
| | 又<br>Y8 | 欧州赤松集成材<br>120×120 | 3.99<br>21.34(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.07<br>0.20 | OK<br>OK | 1.201 | 3.99<br>1.463 | 107.65<br>6.359 | 0.27 | OK | 梁<br>欧州赤松集成材 | 3.99<br>12.66 | 25.91<br>47.10 | 0.15<br>0.27 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y8 | 欧州赤松集成材<br>120×120 | 5.55<br>22.91(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | 0.09<br>0.21 | OK<br>OK | 0.661 | 5.55<br>0.805 | 107.65<br>6.359 | 0.18 | OK | －<br>－ | －<br>－ | －<br>－ | －<br>－ | －<br>－ | ○ | ○ | － |
| | 又X9<br>Y8 | 欧州赤松集成材<br>120×120 | 0.86<br>0.98(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | 0.02<br>0.02 | OK<br>OK | 0.491 | 0.86<br>0.769 | 77.45<br>6.359 | 0.13 | OK | －<br>－ | －<br>－ | －<br>－ | －<br>－ | －<br>－ | ○ | ○ | － |
| 1 | X0<br>Y0 | 欧州赤松集成材<br>120×120 | 5.64<br>41.94(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.14<br>0.59 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 5.64<br>34.68 | 36.64<br>48.98 | 0.15<br>0.71 | OK<br>OK | ○ | － | ○ |
| | 又X1<br>Y0 | 欧州赤松集成材<br>120×120 | 3.67<br>39.97(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.08<br>0.49 | OK<br>OK | 1.538 | 3.67<br>2.307 | 80.94<br>6.359 | 0.41 | OK | 土台<br>檜 | 3.67<br>21.82 | 45.80<br>61.23 | 0.08<br>0.36 | OK<br>OK | ○ | ○ | ○ |
| | 又X2<br>Y0 | 欧州赤松集成材<br>120×120 | 4.78<br>5.87(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | 0.12<br>0.10 | OK<br>OK | 2.005 | 4.78<br>3.438 | 70.78<br>6.359 | 0.61 | OK | 土台<br>檜 | 4.78<br>5.87 | 45.80<br>61.23 | 0.10<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0 | 欧州赤松集成材<br>120×120 | 2.57<br>3.15(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.06<br>0.05 | OK<br>OK | 1.076 | 2.57<br>1.614 | 80.94<br>6.359 | 0.29 | OK | 土台<br>檜 | 2.57<br>3.15 | 45.80<br>61.23 | 0.06<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>Y0 | 欧州赤松集成材<br>120×120 | 8.89<br>24.52(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.23<br>0.35 | OK<br>OK | 0.409 | 8.89<br>0.701 | 70.78<br>6.359 | 0.24 | OK | 土台<br>檜 | 8.89<br>16.71 | 45.80<br>61.23 | 0.19<br>0.27 | OK<br>OK | ○ | ○ | ○ |
| | Y0 | 欧州赤松集成材<br>120×120 | 8.96<br>34.39(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.18<br>0.37 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 8.96<br>21.67 | 45.80<br>61.23 | 0.20<br>0.35 | OK<br>OK | ○ | － | ○ |
| | 又X5<br>Y0 | 欧州赤松集成材<br>120×120 | 18.24<br>50.71(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.36<br>0.55 | OK<br>OK | 1.207 | 20.26<br>1.657 | 92.62<br>6.359 | 0.48 | OK | 土台<br>檜 | 18.24<br>34.48 | 45.80<br>61.23 | 0.40<br>0.56 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0 | 欧州赤松集成材<br>120×120 | 22.97<br>32.79(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.45<br>0.35 | OK<br>OK | 1.609 | 23.25<br>2.209 | 92.62<br>6.359 | 0.60 | OK | 土台<br>檜 | 22.97<br>27.88 | 36.64<br>48.98 | 0.63<br>0.57 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0 | 欧州赤松集成材<br>120×120 | 17.85<br>19.63(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | 0.46<br>0.35 | OK<br>OK | 1.408 | 17.85<br>2.414 | 70.78<br>6.359 | 0.63 | OK | 土台<br>檜 | 17.85<br>19.63 | 45.80<br>61.23 | 0.39<br>0.32 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0 | 欧州赤松集成材<br>120×120 | 16.84<br>45.88(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.32<br>0.48 | OK<br>OK | 1.136 | 16.84<br>1.531 | 94.95<br>6.359 | 0.42 | OK | 土台<br>檜 | 16.84<br>31.36 | 36.64<br>48.98 | 0.46<br>0.64 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>Y0 | 欧州赤松集成材<br>120×120 | 12.84<br>15.84(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.25<br>0.17 | OK<br>OK | 0.935 | 12.84<br>1.260 | 94.95<br>6.359 | 0.33 | OK | 土台<br>檜 | 12.84<br>14.34 | 45.80<br>61.23 | 0.28<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0 | 欧州赤松集成材<br>120×120 | 8.36<br>15.43(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.16<br>0.16 | OK<br>OK | 0.804 | 8.36<br>1.084 | 94.95<br>6.359 | 0.26 | OK | 土台<br>檜 | 8.36<br>11.89 | 45.80<br>61.23 | 0.18<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y0 | 欧州赤松集成材<br>120×120 | 1.71<br>30.75(K) | 108.2 | 2.64<br>4.80 | 38.00<br>69.10 | 0.05<br>0.45 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | －<br>－ | －<br>－ | －<br>－ | －<br>－ | －<br>－ | ○ | － | － |
| | X0<br>又Y0 | 欧州赤松集成材<br>120×120 | 7.25<br>13.87(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.14<br>0.15 | OK<br>OK | 0.804 | 7.25<br>1.084 | 94.95<br>6.359 | 0.25 | OK | 土台<br>檜 | 7.25<br>12.79 | 45.80<br>61.23 | 0.16<br>0.21 | OK<br>OK | ○ | ○ | ○ |
| | 又Y0 | 欧州赤松集成材<br>120×120 | 0.52<br>0.52(S) | 102.6 | 2.94<br>4.27 | 42.29<br>61.51 | 0.01<br>0.01 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 0.52<br>0.52 | 45.80<br>61.23 | 0.01<br>0.01 | OK<br>OK | ○ | － | ○ |
| | X9<br>Y1 | 欧州赤松集成材<br>120×120 | 6.23<br>35.27(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.12<br>0.37 | OK<br>OK | 0.403 | 16.64<br>0.543 | 94.95<br>6.359 | 0.26 | OK | 土台<br>檜 | 6.23<br>20.75 | 45.80<br>61.23 | 0.14<br>0.34 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y1 | 欧州赤松集成材<br>120×120 | 22.06<br>39.41(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.42<br>0.42 | OK<br>OK | 1.006 | 22.72<br>1.356 | 94.95<br>6.359 | 0.45 | OK | 土台<br>檜 | 22.06<br>30.73 | 45.80<br>61.23 | 0.48<br>0.50 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>又Y1 | 欧州赤松集成材<br>120×120 | 24.40<br>60.70(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.46<br>0.62 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 24.40<br>42.55 | 45.80<br>61.23 | 0.53<br>0.69 | OK<br>OK | ○ | － | ○ |
| | 又Y1 | 欧州赤松集成材<br>120×120 | 2.01<br>26.99(K) | 100.9 | 3.04<br>5.52 | 43.75<br>79.55 | 0.05<br>0.34 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 2.01<br>14.50 | 45.80<br>61.23 | 0.04<br>0.24 | OK<br>OK | ○ | － | ○ |
| | X5<br>又Y1 | 欧州赤松集成材<br>120×120 | 5.57<br>15.99(K) | 100.9 | 3.04<br>5.52 | 43.75<br>79.55 | 0.13<br>0.20 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 5.57<br>10.78 | 36.64<br>48.98 | 0.15<br>0.22 | OK<br>OK | ○ | － | ○ |
| | X9<br>又Y1 | 欧州赤松集成材<br>120×120 | 5.68<br>30.66(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.11<br>0.32 | OK<br>OK | 0.720 | 5.68<br>0.971 | 94.95<br>6.359 | 0.21 | OK | 土台<br>檜 | 5.68<br>18.17 | 45.80<br>61.23 | 0.12<br>0.30 | OK<br>OK | ○ | ○ | ○ |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 15.57<br>29.12(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.29<br>0.30 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 15.57<br>26.41 | 36.64<br>48.98 | 0.42<br>0.54 | OK<br>OK | ○ | － | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | X9<br>又 | 欧州赤松集成材<br>120×120 | 6.44<br>6.75(S) | 94.8 | 3.63<br>5.28 | 52.22<br>75.96 | 0.12<br>0.09 | OK<br>OK | 0.804 | 6.44<br>1.084 | 94.95<br>6.359 | 0.24 | OK | 土台<br>檜 | 6.44<br>6.75 | 45.80<br>61.23 | 0.14<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 6.17<br>21.93(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.14<br>0.27 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 6.17<br>18.78 | 36.64<br>48.98 | 0.17<br>0.38 | OK<br>OK | ○ | － | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 16.46<br>16.86(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | 0.42<br>0.30 | OK<br>OK | 1.006 | 16.46<br>1.725 | 70.78<br>6.359 | 0.50 | OK | 土台<br>檜 | 16.46<br>16.86 | 45.80<br>61.23 | 0.36<br>0.28 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>又 | 欧州赤松集成材<br>120×120 | 17.39<br>17.39(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | 0.32<br>0.22 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 17.39<br>17.39 | 45.80<br>61.23 | 0.38<br>0.28 | OK<br>OK | ○ | － | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 7.64<br>32.62(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.15<br>0.34 | OK<br>OK | 0.496 | 7.64<br>0.669 | 94.95<br>6.359 | 0.19 | OK | 土台<br>檜 | 7.64<br>20.13 | 45.80<br>61.23 | 0.17<br>0.33 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 17.39<br>19.51(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.33<br>0.21 | OK<br>OK | 0.838 | 19.51<br>1.130 | 94.95<br>6.359 | 0.38 | OK | 土台<br>檜 | 17.39<br>19.09 | 45.80<br>61.23 | 0.38<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 27.98<br>64.41(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.72<br>0.91 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 27.98<br>57.13 | 45.80<br>61.23 | 0.61<br>0.93 | OK<br>OK | ○ | － | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 19.91<br>73.56(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.38<br>0.77 | OK<br>OK | 1.207 | 19.91<br>1.627 | 94.95<br>6.359 | 0.47 | OK | 土台<br>檜 | 19.91<br>46.74 | 45.80<br>61.23 | 0.43<br>0.76 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>又 | 欧州赤松集成材<br>120×120 | 15.17<br>51.47(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.28<br>0.53 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 15.17<br>33.32 | 45.80<br>61.23 | 0.33<br>0.54 | OK<br>OK | ○ | － | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 17.95<br>48.76(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.34<br>0.50 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 17.95<br>42.60 | 36.64<br>48.98 | 0.49<br>0.87 | OK<br>OK | ○ | － | ○ |
| | X0<br>Y2 | 欧州赤松集成材<br>120×120 | 27.17<br>27.85(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | 0.70<br>0.49 | OK<br>OK | 1.609 | 27.17<br>2.759 | 70.78<br>6.359 | 0.82 | OK | 土台<br>檜 | 27.17<br>27.85 | 45.80<br>61.23 | 0.59<br>0.45 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>Y2 | 欧州赤松集成材<br>120×120 | 25.02<br>54.76(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.64<br>0.77 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 25.02<br>39.89 | 45.80<br>61.23 | 0.55<br>0.65 | OK<br>OK | ○ | － | ○ |
| | X5<br>Y2 | 欧州赤松集成材<br>120×120 | 22.04<br>49.27(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.43<br>0.53 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 22.04<br>35.65 | 45.80<br>61.23 | 0.48<br>0.58 | OK<br>OK | ○ | － | ○ |
| | 又X5<br>Y2 | 欧州赤松集成材<br>120×120 | 21.71<br>50.77(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.43<br>0.55 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 21.71<br>36.24 | 45.80<br>61.23 | 0.47<br>0.59 | OK<br>OK | ○ | － | ○ |
| | 又<br>Y2 | 欧州赤松集成材<br>120×120 | 26.60<br>31.19(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.52<br>0.34 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 26.60<br>28.89 | 45.80<br>61.23 | 0.58<br>0.47 | OK<br>OK | ○ | － | ○ |
| | X6<br>Y2 | 欧州赤松集成材<br>120×120 | 22.13<br>58.43(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.57<br>0.83 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 22.13<br>40.28 | 36.64<br>48.98 | 0.60<br>0.82 | OK<br>OK | ○ | － | ○ |
| | 又<br>Y2 | 欧州赤松集成材<br>120×120 | 10.59<br>10.83(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | 0.20<br>0.14 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 10.59<br>10.83 | 45.80<br>61.23 | 0.23<br>0.18 | OK<br>OK | ○ | － | ○ |
| | X7<br>Y2 | 欧州赤松集成材<br>120×120 | 13.83<br>50.75(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.26<br>0.52 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 13.83<br>32.29 | 45.80<br>61.23 | 0.30<br>0.53 | OK<br>OK | ○ | － | ○ |
| | 又<br>Y2 | 欧州赤松集成材<br>120×120 | 15.42<br>50.16(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.29<br>0.52 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 15.42<br>32.79 | 45.80<br>61.23 | 0.34<br>0.54 | OK<br>OK | ○ | － | ○ |
| | 又X8<br>Y2 | 欧州赤松集成材<br>120×120 | 5.75<br>5.75(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | 0.11<br>0.07 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 5.75<br>5.75 | 45.80<br>61.23 | 0.13<br>0.09 | OK<br>OK | ○ | － | ○ |
| | X9<br>Y2 | 欧州赤松集成材<br>120×120 | 30.49<br>66.20(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.78<br>0.94 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 30.49<br>47.22 | 45.80<br>61.23 | 0.67<br>0.77 | OK<br>OK | ○ | － | ○ |
| | 又X14<br>又Y2 | 欧州赤松集成材<br>120×120 | 10.75<br>10.75(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | 0.20<br>0.14 | OK<br>OK | 0.697 | 10.75<br>0.922 | 97.29<br>6.359 | 0.26 | OK | 土台<br>檜 | 10.75<br>10.75 | 45.80<br>61.23 | 0.23<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | X7 | 欧州赤松集成材<br>120×120 | 3.07<br>39.37(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.07<br>0.49 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 3.07<br>21.22 | 45.80<br>61.23 | 0.07<br>0.35 | OK<br>OK | ○ | － | ○ |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 10.76<br>19.43(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.20<br>0.20 | OK<br>OK | 0.523 | 19.43<br>0.692 | 97.29<br>6.359 | 0.31 | OK | 土台<br>檜 | 10.76<br>17.70 | 45.80<br>61.23 | 0.23<br>0.29 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>又 | 欧州赤松集成材<br>120×120 | 4.70<br>41.00(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.11<br>0.51 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 4.70<br>22.85 | 45.80<br>61.23 | 0.10<br>0.37 | OK<br>OK | ○ | － | ○ |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 2.08<br>2.63(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | 0.05<br>0.05 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 2.08<br>2.63 | 36.64<br>48.98 | 0.06<br>0.05 | OK<br>OK | ○ | － | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 15.48<br>22.48(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.30<br>0.24 | OK<br>OK | － | －<br>－ | －<br>－ | － | － | 土台<br>檜 | 15.48<br>19.00 | 45.80<br>61.23 | 0.34<br>0.31 | OK<br>OK | ○ | － | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 14.23<br>19.68(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.37<br>0.28 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 14.23<br>18.59 | 45.80<br>61.23 | 0.31<br>0.30 | OK<br>OK | ○ | — | ○ |
| | X4<br>又 | 欧州赤松集成材<br>120×120 | 15.42<br>15.42(S) | 96.5 | 3.45<br>5.02 | 49.65<br>72.22 | 0.31<br>0.21 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.42<br>15.42 | 45.80<br>61.23 | 0.34<br>0.25 | OK<br>OK | ○ | — | ○ |
| | XO | 欧州赤松集成材<br>120×120 | 20.52<br>56.02(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.41<br>0.62 | OK<br>OK | 1.207 | 20.52<br>1.687 | 90.28<br>6.359 | 0.49 | OK | 土台<br>檜 | 20.52<br>38.27 | 45.80<br>61.23 | 0.45<br>0.63 | OK<br>OK | ○ | ○ | ○ |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 3.02<br>12.10(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | 0.06<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 3.02<br>10.28 | 36.64<br>48.98 | 0.08<br>0.21 | OK<br>OK | ○ | — | ○ |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 0.82<br>0.84(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | 0.02<br>0.01 | OK<br>OK | 0.410 | 0.82<br>0.583 | 87.94<br>6.359 | 0.10 | OK | 土台<br>檜 | 0.82<br>0.84 | 45.80<br>61.23 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 8.87<br>26.56(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.17<br>0.29 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 8.87<br>23.02 | 45.80<br>61.23 | 0.19<br>0.38 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 21.83<br>46.61(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.43<br>0.50 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 21.83<br>41.65 | 45.80<br>61.23 | 0.48<br>0.68 | OK<br>OK | ○ | — | ○ |
| | XO<br>Y3 | 欧州赤松集成材<br>120×120 | 17.80<br>64.51(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.46<br>0.91 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 17.80<br>41.15 | 45.80<br>61.23 | 0.39<br>0.67 | OK<br>OK | ○ | — | ○ |
| | 又X1<br>Y3 | 欧州赤松集成材<br>120×120 | 4.00<br>4.00(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | 0.08<br>0.06 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.00<br>4.00 | 45.80<br>61.23 | 0.09<br>0.07 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 15.02<br>42.60(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | 0.31<br>0.48 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.02<br>28.81 | 45.80<br>61.23 | 0.33<br>0.47 | OK<br>OK | ○ | — | ○ |
| | X3<br>Y3 | 欧州赤松集成材<br>120×120 | 25.20<br>61.50(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.65<br>0.87 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 25.20<br>43.35 | 45.80<br>61.23 | 0.55<br>0.71 | OK<br>OK | ○ | — | ○ |
| | X4<br>Y3 | 欧州赤松集成材<br>120×120 | 7.66<br>36.70(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.15<br>0.41 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 7.66<br>22.18 | 45.80<br>61.23 | 0.17<br>0.36 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>Y3 | 欧州赤松集成材<br>120×120 | 9.25<br>11.70(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.19<br>0.13 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 9.25<br>10.48 | 45.80<br>61.23 | 0.20<br>0.17 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 4.29<br>7.62(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.11<br>0.11 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.29<br>5.95 | 45.80<br>61.23 | 0.09<br>0.10 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y3 | 欧州赤松集成材<br>120×120 | 20.33<br>73.98(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | 0.48<br>0.96 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 20.33<br>47.16 | 45.80<br>61.23 | 0.44<br>0.77 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 15.74<br>26.15(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | 0.33<br>0.30 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.74<br>20.95 | 45.80<br>61.23 | 0.34<br>0.34 | OK<br>OK | ○ | — | ○ |
| | Y3 | 欧州赤松集成材<br>120×120 | 13.80<br>15.43(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | 0.29<br>0.22 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.80<br>15.43 | 45.80<br>61.23 | 0.30<br>0.25 | OK<br>OK | ○ | — | ○ |
| | X6<br>Y3 | 欧州赤松集成材<br>120×120 | 18.34<br>80.41(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | 0.38<br>0.91 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 18.34<br>49.37 | 45.80<br>61.23 | 0.40<br>0.81 | OK<br>OK | ○ | — | ○ |
| | X7<br>Y3 | 欧州赤松集成材<br>120×120 | 24.71<br>61.01(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.63<br>0.86 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 24.71<br>42.86 | 45.80<br>61.23 | 0.54<br>0.70 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>Y3 | 欧州赤松集成材<br>120×120 | 16.34<br>18.52(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | 0.34<br>0.26 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 16.34<br>18.52 | 45.80<br>61.23 | 0.36<br>0.30 | OK<br>OK | ○ | — | ○ |
| | X9<br>Y3 | 欧州赤松集成材<br>120×180 | 41.86<br>52.27(K) | 106.9 | 2.23<br>4.06 | 48.21<br>87.66 | 0.87<br>0.60 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 41.86<br>47.07 | 73.81<br>98.67 | 0.57<br>0.48 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又Y3 | 欧州赤松集成材<br>120×120 | 2.21<br>16.73(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | 0.05<br>0.22 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 2.21<br>9.47 | 36.64<br>48.98 | 0.06<br>0.19 | OK<br>OK | ○ | — | ○ |
| | 又X17<br>又Y3 | 欧州赤松集成材<br>120×120 | 6.99<br>22.05(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.14<br>0.24 | OK<br>OK | 0.367 | 22.05<br>0.504 | 92.62<br>6.359 | 0.32 | OK | 土台<br>檜 | 6.99<br>19.03 | 36.64<br>48.98 | 0.19<br>0.39 | OK<br>OK | ○ | ○ | ○ |
| | 又X19<br>又Y3 | 欧州赤松集成材<br>120×120 | 5.63<br>27.27(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.11<br>0.29 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 5.63<br>22.94 | 45.80<br>61.23 | 0.12<br>0.37 | OK<br>OK | ○ | — | ○ |
| | 又X17<br>又Y3 | 欧州赤松集成材<br>120×120 | 3.49<br>12.93(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.07<br>0.14 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 3.49<br>11.04 | 45.80<br>61.23 | 0.08<br>0.18 | OK<br>OK | ○ | — | ○ |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 11.48<br>27.23(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.23<br>0.29 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 11.48<br>19.36 | 45.80<br>61.23 | 0.25<br>0.32 | OK<br>OK | ○ | — | ○ |
| | 又X20<br>又 | 欧州赤松集成材<br>120×120 | 10.44<br>38.06(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.27<br>0.54 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.44<br>32.53 | 45.80<br>61.23 | 0.23<br>0.53 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | X3<br>又 | 欧州赤松集成材<br>120×120 | 13.94<br>50.24(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.28<br>0.56 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.94<br>32.09 | 45.80<br>61.23 | 0.30<br>0.52 | OK<br>OK | ○ | — | ○ |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 7.45<br>7.45(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.17<br>0.12 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 7.45<br>7.45 | 45.80<br>61.23 | 0.16<br>0.12 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 12.35<br>68.28(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.32<br>0.96 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 12.35<br>40.32 | 45.80<br>61.23 | 0.27<br>0.66 | OK<br>OK | ○ | — | ○ |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 15.14<br>30.89(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.30<br>0.34 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.14<br>23.01 | 45.80<br>61.23 | 0.33<br>0.38 | OK<br>OK | ○ | — | ○ |
| | X9 | 欧州赤松集成材<br>120×120 | 18.40<br>47.44(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.36<br>0.51 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 18.40<br>32.92 | 45.80<br>61.23 | 0.40<br>0.54 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y4 | 欧州赤松集成材<br>120×120 | 23.96<br>49.09(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | 0.50<br>0.56 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 23.96<br>36.53 | 45.80<br>61.23 | 0.52<br>0.60 | OK<br>OK | ○ | — | ○ |
| | X1<br>Y4 | 欧州赤松集成材<br>120×120 | 4.09<br>13.17(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.09<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.09<br>8.63 | 45.80<br>61.23 | 0.09<br>0.14 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y4 | 欧州赤松集成材<br>120×120 | 8.65<br>19.54(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.19<br>0.24 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 8.65<br>14.09 | 45.80<br>61.23 | 0.19<br>0.23 | OK<br>OK | ○ | — | ○ |
| | X3<br>Y4 | 欧州赤松集成材<br>120×120 | 29.05<br>52.60(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.75<br>0.74 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 29.05<br>40.83 | 45.80<br>61.23 | 0.63<br>0.67 | OK<br>OK | ○ | — | ○ |
| | X5<br>Y4 | 欧州赤松集成材<br>180×180 | 109.69<br>118.16(K) | 84.0 | 4.74<br>8.62 | 153.55<br>279.17 | 0.71<br>0.42 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 109.69<br>113.92 | 115.81<br>154.83 | 0.95<br>0.74 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又Y4 | 欧州赤松集成材<br>120×120 | 15.55<br>73.85(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.31<br>0.80 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.55<br>44.70 | 45.80<br>61.23 | 0.34<br>0.73 | OK<br>OK | ○ | — | ○ |
| | 又X18<br>又Y4 | 欧州赤松集成材<br>120×120 | 18.94<br>43.63(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.38<br>0.48 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 18.94<br>31.28 | 36.64<br>48.98 | 0.52<br>0.64 | OK<br>OK | ○ | — | ○ |
| | 又X9<br>又Y4 | 欧州赤松集成材<br>120×120 | 9.59<br>9.59(S) | 95.7 | 3.54<br>5.15 | 50.94<br>74.09 | 0.19<br>0.13 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 9.59<br>9.59 | 45.80<br>61.23 | 0.21<br>0.16 | OK<br>OK | ○ | — | ○ |
| | 又X13<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.45<br>44.80(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.11<br>0.63 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.45<br>24.62 | 45.80<br>61.23 | 0.10<br>0.40 | OK<br>OK | ○ | — | ○ |
| | 又X21<br>又Y4 | 欧州赤松集成材<br>120×120 | 10.14<br>25.89(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.23<br>0.32 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.14<br>22.74 | 36.64<br>48.98 | 0.28<br>0.46 | OK<br>OK | ○ | — | ○ |
| | 又X16<br>又Y4 | 欧州赤松集成材<br>120×120 | 26.65<br>53.61(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.68<br>0.76 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 26.65<br>40.13 | 45.80<br>61.23 | 0.58<br>0.66 | OK<br>OK | ○ | — | ○ |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 18.90<br>53.64(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.37<br>0.58 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 18.90<br>36.27 | 45.80<br>61.23 | 0.41<br>0.59 | OK<br>OK | ○ | — | ○ |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 37.60<br>55.75(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.97<br>0.79 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 37.60<br>46.68 | 45.80<br>61.23 | 0.82<br>0.76 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 11.66<br>29.02(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.22<br>0.31 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 11.66<br>20.34 | 45.80<br>61.23 | 0.25<br>0.33 | OK<br>OK | ○ | — | ○ |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 13.76<br>66.61(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | 0.26<br>0.70 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.76<br>40.18 | 45.80<br>61.23 | 0.30<br>0.66 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 14.15<br>31.50(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.28<br>0.34 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 14.15<br>22.83 | 45.80<br>61.23 | 0.31<br>0.37 | OK<br>OK | ○ | — | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 19.28<br>22.28(K) | 126.0 | 1.95<br>3.54 | 28.03<br>50.97 | 0.69<br>0.44 | OK<br>OK | 1.207 | 19.28<br>2.874 | 50.97<br>6.359 | 0.83 | OK | 土台<br>檜 | 19.28<br>20.78 | 45.80<br>61.23 | 0.42<br>0.34 | OK<br>OK | ○ | ○ | ○ |
| | 又X1<br>又 | 欧州赤松集成材<br>120×120 | 6.50<br>6.50(S) | 12.2 | 10.30<br>14.99 | 148.37<br>215.81 | 0.04<br>0.03 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又<br>又 | 欧州赤松集成材<br>120×120 | 3.13<br>3.13(S) | 12.2 | 10.30<br>14.99 | 148.37<br>215.81 | 0.02<br>0.01 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | X2<br>又 | 欧州赤松集成材<br>120×120 | 7.16<br>29.75(K) | 12.2 | 10.30<br>18.73 | 148.37<br>269.76 | 0.05<br>0.11 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | X3<br>又 | 欧州赤松集成材<br>150×240 | 89.44<br>120.50(K) | 96.7 | 2.84<br>5.16 | 102.14<br>185.70 | 0.88<br>0.65 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 89.44<br>104.97 | 129.82<br>173.55 | 0.69<br>0.60 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 14.88<br>14.88(S) | 95.7 | 3.54<br>5.15 | 50.94<br>74.09 | 0.29<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 14.88<br>14.88 | 45.80<br>61.23 | 0.32<br>0.24 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | 又X21<br>又 | 欧州赤松集成材<br>120×120 | 3.15<br>3.15(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.07<br>0.05 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 3.15<br>3.15 | 45.80<br>61.23 | 0.07<br>0.05 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 27.35<br>52.04(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.55<br>0.58 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 27.35<br>39.69 | 45.80<br>61.23 | 0.60<br>0.65 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 2.41<br>2.41(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.05<br>0.04 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 2.41<br>2.41 | 45.80<br>61.23 | 0.05<br>0.04 | OK<br>OK | ○ | — | ○ |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 4.45<br>14.75(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | 0.09<br>0.17 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.45<br>9.60 | 45.80<br>61.23 | 0.10<br>0.16 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 15.04<br>53.73(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.30<br>0.58 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.04<br>34.39 | 36.64<br>48.98 | 0.41<br>0.70 | OK<br>OK | ○ | — | ○ |
| | 又X22<br>又 | 欧州赤松集成材<br>120×120 | 8.64<br>24.40(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.19<br>0.30 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 8.64<br>21.25 | 45.80<br>61.23 | 0.19<br>0.35 | OK<br>OK | ○ | — | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 22.36<br>36.88(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.57<br>0.52 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 22.36<br>29.62 | 45.80<br>61.23 | 0.49<br>0.48 | OK<br>OK | ○ | — | ○ |
| | X0 | 欧州赤松集成材<br>120×120 | 12.09<br>26.01(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | 0.39<br>0.46 | OK<br>OK | 1.079 | 12.09<br>2.294 | 57.07<br>6.359 | 0.57 | OK | 土台<br>檜 | 12.09<br>19.05 | 45.80<br>61.23 | 0.26<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | X1 | 欧州赤松集成材<br>120×120 | 10.69<br>16.87(K) | 117.3 | 2.25<br>4.08 | 32.32<br>58.77 | 0.33<br>0.29 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.69<br>13.78 | 45.80<br>61.23 | 0.23<br>0.23 | OK<br>OK | ○ | — | ○ |
| | 又X9<br>又 | 欧州赤松集成材<br>120×120 | 3.97<br>17.63(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.10<br>0.25 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 3.97<br>10.80 | 45.80<br>61.23 | 0.09<br>0.18 | OK<br>OK | ○ | — | ○ |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 13.47<br>31.62(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | 0.23<br>0.30 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.47<br>22.54 | 45.80<br>61.23 | 0.29<br>0.37 | OK<br>OK | ○ | — | ○ |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 9.92<br>46.22(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.22<br>0.57 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 9.92<br>28.07 | 45.80<br>61.23 | 0.22<br>0.46 | OK<br>OK | ○ | — | ○ |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 10.35<br>52.91(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | 0.22<br>0.62 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.35<br>31.63 | 45.80<br>61.23 | 0.23<br>0.52 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 13.91<br>39.94(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | 0.27<br>0.43 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.91<br>26.92 | 45.80<br>61.23 | 0.30<br>0.44 | OK<br>OK | ○ | — | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 1.65<br>1.65(S) | 98.3 | 3.27<br>4.76 | 47.08<br>68.49 | 0.04<br>0.02 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 1.65<br>1.65 | 45.80<br>61.23 | 0.04<br>0.03 | OK<br>OK | ○ | — | ○ |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 8.75<br>19.16(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.20<br>0.24 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 8.75<br>13.95 | 45.80<br>61.23 | 0.19<br>0.23 | OK<br>OK | ○ | — | ○ |
| | 又<br>又 | 欧州赤松集成材<br>120×120 | 9.50<br>17.62(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.24<br>0.25 | OK<br>OK | 0.812 | 17.62<br>1.393 | 70.78<br>6.359 | 0.47 | OK | 土台<br>檜 | 9.50<br>16.00 | 36.64<br>48.98 | 0.26<br>0.33 | OK<br>OK | ○ | ○ | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 3.14<br>3.14(S) | 98.3 | 3.27<br>4.76 | 47.08<br>68.49 | 0.07<br>0.05 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 3.14<br>3.14 | 45.80<br>61.23 | 0.07<br>0.05 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×120 | 14.89<br>35.22(K) | 126.0 | 1.95<br>3.54 | 28.03<br>50.97 | 0.53<br>0.69 | OK<br>OK | 0.604 | 35.22<br>1.439 | 50.97<br>6.359 | 0.92 | OK | 土台<br>檜 | 14.89<br>25.06 | 45.80<br>61.23 | 0.33<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y5 | 欧州赤松集成材<br>120×120 | 17.59<br>19.63(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.54<br>0.33 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 17.59<br>18.61 | 45.80<br>61.23 | 0.38<br>0.30 | OK<br>OK | ○ | — | ○ |
| | 又X21<br>又Y5 | 欧州赤松集成材<br>120×120 | 15.34<br>41.48(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.31<br>0.46 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.34<br>28.41 | 45.80<br>61.23 | 0.33<br>0.46 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又Y5 | 欧州赤松集成材<br>120×120 | 6.58<br>21.64(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | 0.14<br>0.25 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 6.58<br>14.11 | 45.80<br>61.23 | 0.14<br>0.23 | OK<br>OK | ○ | — | ○ |
| | X10<br>又Y5 | 欧州赤松集成材<br>120×120 | 13.38<br>18.04(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.30<br>0.22 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.38<br>15.71 | 36.64<br>48.98 | 0.37<br>0.32 | OK<br>OK | ○ | — | ○ |
| | X7<br>又Y5 | 欧州赤松集成材<br>120×120 | 20.30<br>49.33(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.52<br>0.70 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 20.30<br>34.82 | 45.80<br>61.23 | 0.44<br>0.57 | OK<br>OK | ○ | — | ○ |
| | 又<br>又Y5 | 欧州赤松集成材<br>120×120 | 10.23<br>39.27(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | 0.21<br>0.45 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.23<br>24.75 | 45.80<br>61.23 | 0.22<br>0.40 | OK<br>OK | ○ | — | ○ |
| | X9<br>又Y5 | 欧州赤松集成材<br>120×120 | 21.91<br>40.06(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.56<br>0.57 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 21.91<br>30.99 | 45.80<br>61.23 | 0.48<br>0.51 | OK<br>OK | ○ | — | ○ |
| | 又X20<br>又Y5 | 欧州赤松集成材<br>120×120 | 12.49<br>38.63(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.25<br>0.43 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 12.49<br>25.56 | 45.80<br>61.23 | 0.27<br>0.42 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 6.13<br>15.21(K) | 141.6 | 1.54<br>2.80 | 22.21<br>40.38 | 0.28<br>0.38 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 6.13<br>10.67 | 45.80<br>61.23 | 0.13<br>0.17 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 2.67<br>2.67(S) | 98.3 | 3.27<br>4.76 | 47.08<br>68.49 | 0.06<br>0.04 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 2.67<br>2.67 | 45.80<br>61.23 | 0.06<br>0.04 | OK<br>OK | ○ | — | ○ |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 24.71<br>67.15(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.63<br>0.95 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 24.71<br>45.93 | 45.80<br>61.23 | 0.54<br>0.75 | OK<br>OK | ○ | — | ○ |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 18.16<br>39.73(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | 0.39<br>0.46 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 18.16<br>28.95 | 45.80<br>61.23 | 0.40<br>0.47 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 4.46<br>4.46(S) | 102.6 | 2.94<br>4.27 | 42.29<br>61.51 | 0.11<br>0.07 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.46<br>4.46 | 45.80<br>61.23 | 0.10<br>0.07 | OK<br>OK | ○ | — | ○ |
| | X0 | 欧州赤松集成材<br>120×120 | 15.62<br>30.55(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | 0.50<br>0.54 | OK<br>OK | 1.207 | 15.62<br>2.567 | 57.07<br>6.359 | 0.68 | OK | 土台<br>檜 | 15.62<br>23.08 | 36.64<br>48.98 | 0.43<br>0.47 | OK<br>OK | ○ | ○ | ○ |
| | X1 | 欧州赤松集成材<br>120×120 | 9.19<br>9.19(S) | 119.1 | 2.18<br>3.17 | 31.39<br>45.66 | 0.29<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 9.19<br>9.19 | 45.80<br>61.23 | 0.20<br>0.15 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 11.60<br>27.76(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.30<br>0.39 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 11.60<br>19.68 | 45.80<br>61.23 | 0.25<br>0.32 | OK<br>OK | ○ | — | ○ |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 10.09<br>16.92(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | 0.17<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.09<br>13.51 | 45.80<br>61.23 | 0.22<br>0.22 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 10.64<br>28.79(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.24<br>0.36 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.64<br>19.71 | 45.80<br>61.23 | 0.23<br>0.32 | OK<br>OK | ○ | — | ○ |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 15.66<br>30.43(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.32<br>0.34 | OK<br>OK | 0.436 | 30.43<br>0.609 | 90.28<br>6.359 | 0.43 | OK | 土台<br>檜 | 15.66<br>23.05 | 36.64<br>48.98 | 0.43<br>0.47 | OK<br>OK | ○ | ○ | ○ |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 8.31<br>29.94(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.17<br>0.33 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 8.31<br>19.12 | 45.80<br>61.23 | 0.18<br>0.31 | OK<br>OK | ○ | — | ○ |
| | X0<br>Y6 | 欧州赤松集成材<br>120×120 | 17.03<br>18.42(S) | 119.1 | 2.18<br>3.17 | 31.39<br>45.66 | 0.54<br>0.40 | OK<br>OK | 1.207 | 17.03<br>2.567 | 57.07<br>6.359 | 0.70 | OK | 土台<br>檜 | 17.03<br>18.42 | 45.80<br>61.23 | 0.37<br>0.30 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y6 | 欧州赤松集成材<br>120×120 | 9.19<br>9.19(S) | 119.1 | 2.18<br>3.17 | 31.39<br>45.66 | 0.29<br>0.20 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 9.19<br>9.19 | 45.80<br>61.23 | 0.20<br>0.15 | OK<br>OK | ○ | — | ○ |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 13.05<br>34.68(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | 0.26<br>0.38 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 13.05<br>23.87 | 45.80<br>61.23 | 0.28<br>0.39 | OK<br>OK | ○ | — | ○ |
| | X7<br>又Y6 | 欧州赤松集成材<br>120×120 | 20.02<br>44.99(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | 0.35<br>0.43 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 20.02<br>32.50 | 45.80<br>61.23 | 0.44<br>0.53 | OK<br>OK | ○ | — | ○ |
| | X9<br>又Y6 | 欧州赤松集成材<br>120×120 | 9.88<br>9.88(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.22<br>0.15 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 9.88<br>9.88 | 45.80<br>61.23 | 0.22<br>0.16 | OK<br>OK | ○ | — | ○ |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 15.78<br>58.95(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.41<br>0.83 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.78<br>39.28 | 45.80<br>61.23 | 0.34<br>0.64 | OK<br>OK | ○ | — | ○ |
| | 又X11<br>又Y6 | 欧州赤松集成材<br>120×120 | 14.58<br>30.33(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | 0.31<br>0.35 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 14.58<br>22.45 | 45.80<br>61.23 | 0.32<br>0.37 | OK<br>OK | ○ | — | ○ |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 15.23<br>24.30(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | 0.32<br>0.28 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.23<br>19.77 | 45.80<br>61.23 | 0.33<br>0.32 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 10.58<br>10.58(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.24<br>0.16 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.58<br>10.58 | 45.80<br>61.23 | 0.23<br>0.17 | OK<br>OK | ○ | — | ○ |
| | X3<br>又 | 欧州赤松集成材<br>150×210 | 70.22<br>85.34(K) | 100.8 | 2.51<br>4.57 | 79.11<br>143.83 | 0.89<br>0.59 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 70.22<br>77.78 | 112.31<br>150.15 | 0.63<br>0.52 | OK<br>OK | ○ | — | ○ |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 7.09<br>22.15(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.16<br>0.27 | OK<br>OK | 0.515 | 22.15<br>0.772 | 80.94<br>6.359 | 0.40 | OK | 土台<br>檜 | 7.09<br>19.14 | 36.64<br>48.98 | 0.19<br>0.39 | OK<br>OK | ○ | ○ | ○ |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 1.42<br>1.42(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.03<br>0.02 | OK<br>OK | 0.310 | 1.42<br>0.465 | 80.94<br>6.359 | 0.09 | OK | 土台<br>檜 | 1.42<br>1.42 | 45.80<br>61.23 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y7 | 欧州赤松集成材<br>120×180 | 19.55<br>51.55(K) | 126.0 | 1.61<br>2.92 | 34.72<br>63.12 | 0.56<br>0.82 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 19.55<br>35.55 | 73.81<br>98.67 | 0.26<br>0.36 | OK<br>OK | ○ | — | ○ |
| | X1<br>Y7 | 欧州赤松集成材<br>120×120 | 7.68<br>39.76(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | 0.24<br>0.70 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 7.68<br>23.72 | 45.80<br>61.23 | 0.17<br>0.39 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y7 | 欧州赤松集成材<br>120×120 | 5.93<br>18.76(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | 0.19<br>0.33 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 5.93<br>12.34 | 45.80<br>61.23 | 0.13<br>0.20 | OK<br>OK | ○ | — | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | X3<br>Y7 | 欧州赤松集成材<br>120×180 | 34.22<br>56.81(K) | 116.5 | 1.88<br>3.42 | 40.63<br>73.87 | 0.84<br>0.77 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 34.22<br>45.51 | 73.81<br>98.67 | 0.46<br>0.46 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>Y7 | 欧州赤松集成材<br>120×120 | 5.52<br>18.35(K) | 119.9 | 2.15<br>3.91 | 30.94<br>56.25 | 0.18<br>0.33 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 5.52<br>11.94 | 45.80<br>61.23 | 0.12<br>0.19 | OK<br>OK | ○ | — | ○ |
| | 又X13<br>又Y7 | 欧州赤松集成材<br>120×120 | 1.80<br>9.94(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.04<br>0.12 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 1.80<br>5.87 | 45.80<br>61.23 | 0.04<br>0.10 | OK<br>OK | ○ | — | ○ |
| | X9<br>又Y7 | 欧州赤松集成材<br>120×120 | 11.28<br>11.28(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | 0.25<br>0.17 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 11.28<br>11.28 | 45.80<br>61.23 | 0.25<br>0.18 | OK<br>OK | ○ | — | ○ |
| | 又X12<br>又Y7 | 欧州赤松集成材<br>120×120 | 14.61<br>38.13(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.38<br>0.54 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 14.61<br>26.37 | 45.80<br>61.23 | 0.32<br>0.43 | OK<br>OK | ○ | — | ○ |
| | X5 | 欧州赤松集成材<br>150×210 | 90.82<br>110.58(K) | 96.0 | 2.90<br>5.27 | 91.23<br>165.86 | 1.00<br>0.67 | OK<br>OK | — | —<br>— | —<br>— | — | — | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | — | — |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 4.72<br>13.40(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | 0.11<br>0.17 | OK<br>OK | 0.698 | 13.40<br>1.101 | 76.89<br>6.359 | 0.35 | OK | 土台<br>檜 | 4.72<br>11.66 | 45.80<br>61.23 | 0.10<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 16.27<br>38.85(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.50<br>0.65 | OK<br>OK | 1.207 | 16.27<br>2.456 | 59.65<br>6.359 | 0.66 | OK | 土台<br>檜 | 16.27<br>27.56 | 45.80<br>61.23 | 0.36<br>0.45 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 39.26<br>64.23(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | 0.68<br>0.61 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 39.26<br>51.74 | 45.80<br>61.23 | 0.86<br>0.85 | OK<br>OK | ○ | — | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 12.53<br>23.86(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.28<br>0.29 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 12.53<br>18.19 | 45.80<br>61.23 | 0.27<br>0.30 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 5.29<br>25.39(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | 0.12<br>0.33 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 5.29<br>21.37 | 45.80<br>61.23 | 0.12<br>0.35 | OK<br>OK | ○ | — | ○ |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 4.00<br>21.14(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | 0.09<br>0.27 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 4.00<br>16.61 | 45.80<br>61.23 | 0.09<br>0.27 | OK<br>OK | ○ | — | ○ |
| | X3<br>Y8 | 欧州赤松集成材<br>120×120 | 27.40<br>30.83(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.84<br>0.52 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 27.40<br>29.11 | 45.80<br>61.23 | 0.60<br>0.48 | OK<br>OK | ○ | — | ○ |
| | 又X4<br>Y8 | 欧州赤松集成材<br>120×120 | 5.14<br>41.44(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.16<br>0.69 | OK<br>OK | 0.603 | 5.14<br>1.228 | 59.65<br>6.359 | 0.28 | OK | 土台<br>檜 | 5.14<br>23.29 | 36.64<br>48.98 | 0.14<br>0.48 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y8 | 欧州赤松集成材<br>120×120 | 16.24<br>33.60(K) | 126.0 | 1.95<br>3.54 | 28.03<br>50.97 | 0.58<br>0.66 | OK<br>OK | 1.006 | 16.24<br>2.395 | 50.97<br>6.359 | 0.70 | OK | 土台<br>檜 | 16.24<br>24.92 | 45.80<br>61.23 | 0.35<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | Y8 | 欧州赤松集成材<br>120×120 | 3.30<br>3.30(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | 0.06<br>0.04 | OK<br>OK | 0.804 | 3.30<br>1.065 | 97.29<br>6.359 | 0.20 | OK | 土台<br>檜 | 3.30<br>3.30 | 45.80<br>61.23 | 0.07<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y8 | 欧州赤松集成材<br>120×120 | 11.66<br>58.37(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.22<br>0.60 | OK<br>OK | 1.408 | 11.66<br>1.863 | 97.29<br>6.359 | 0.41 | OK | 土台<br>檜 | 11.66<br>35.02 | 45.80<br>61.23 | 0.25<br>0.57 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>Y8 | 欧州赤松集成材<br>120×120 | 11.68<br>58.39(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | 0.22<br>0.60 | OK<br>OK | 1.408 | 11.68<br>1.863 | 97.29<br>6.359 | 0.41 | OK | 土台<br>檜 | 11.68<br>35.03 | 45.80<br>61.23 | 0.25<br>0.57 | OK<br>OK | ○ | ○ | ○ |
| | Y8 | 欧州赤松集成材<br>120×120 | 3.77<br>3.77(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | 0.07<br>0.05 | OK<br>OK | 0.707 | 3.77<br>0.936 | 97.29<br>6.359 | 0.19 | OK | 土台<br>檜 | 3.77<br>3.77 | 45.80<br>61.23 | 0.08<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>Y8 | 欧州赤松集成材<br>120×120 | 15.58<br>69.23(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.40<br>0.98 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 15.58<br>42.41 | 45.80<br>61.23 | 0.34<br>0.69 | OK<br>OK | ○ | — | ○ |
| | 又<br>Y8 | 欧州赤松集成材<br>120×120 | 9.29<br>51.61(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | 0.21<br>0.64 | OK<br>OK | 1.103 | 9.29<br>1.654 | 80.94<br>6.359 | 0.37 | OK | 土台<br>檜 | 9.29<br>30.45 | 45.80<br>61.23 | 0.20<br>0.50 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y8 | 欧州赤松集成材<br>120×120 | 10.94<br>53.27(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | 0.28<br>0.75 | OK<br>OK | — | —<br>— | —<br>— | — | — | 土台<br>檜 | 10.94<br>32.11 | 45.80<br>61.23 | 0.24<br>0.52 | OK<br>OK | ○ | — | ○ |
| | 又X9<br>Y8 | 欧州赤松集成材<br>120×120 | 3.42<br>3.54(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | 0.09<br>0.06 | OK<br>OK | 0.450 | 3.42<br>0.772 | 70.78<br>6.359 | 0.17 | OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | ○ | ○ | — |
| | X0<br>Y9 | 欧州赤松集成材<br>120×120 | 8.99<br>51.76(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.27<br>0.87 | OK<br>OK | 0.603 | 8.99<br>1.228 | 59.65<br>6.359 | 0.34 | OK | 土台<br>檜 | 8.99<br>43.21 | 45.80<br>61.23 | 0.20<br>0.71 | OK<br>OK | ○ | ○ | ○ |
| | 又X0<br>Y9 | 欧州赤松集成材<br>120×120 | 2.08<br>23.47(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.06<br>0.39 | OK<br>OK | 0.663 | 2.08<br>1.349 | 59.65<br>6.359 | 0.25 | OK | 土台<br>檜 | 2.08<br>12.78 | 45.80<br>61.23 | 0.05<br>0.21 | OK<br>OK | ○ | ○ | ○ |
| | 又X1<br>Y9 | 欧州赤松集成材<br>120×120 | 5.32<br>18.15(K) | 116.6 | 2.27<br>4.13 | 32.72<br>59.50 | 0.16<br>0.31 | OK<br>OK | 1.695 | 5.32<br>3.458 | 59.50<br>6.359 | 0.63 | OK | 土台<br>檜 | 5.32<br>11.74 | 45.80<br>61.23 | 0.12<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y9 | 欧州赤松集成材<br>120×120 | 5.38<br>48.15(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.16<br>0.81 | OK<br>OK | 1.605 | 5.38<br>3.265 | 59.65<br>6.359 | 0.60 | OK | 土台<br>檜 | 5.38<br>26.76 | 45.80<br>61.23 | 0.12<br>0.44 | OK<br>OK | ○ | ○ | ○ |

| 条件(※) | | | 座屈 | | | | | | 短期曲げ | | | | | めり込み | | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 検定値 | 判定 | w | N<br>M | Na<br>Ma | 検定値 | 判定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 検定値 | 判定 | 座屈 | 曲げ | めり込 |
| 1 | 又X3<br>Y9 | 欧州赤松集成材<br>120×120 | 2.55<br>23.94(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.08<br>0.40 | OK<br>OK | 0.813 | 2.55<br>1.655 | 59.65<br>6.359 | 0.30 | OK | 土台<br>檜 | 2.55<br>13.25 | 45.80<br>61.23 | 0.06<br>0.22 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>Y9 | 欧州赤松集成材<br>120×120 | 1.70<br>23.09(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | 0.05<br>0.39 | OK<br>OK | 0.407 | 1.70<br>0.828 | 59.65<br>6.359 | 0.16 | OK | 土台<br>檜 | 1.70<br>18.81 | 45.80<br>61.23 | 0.04<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>又Y9 | 欧州赤松集成材<br>120×120 | 0.04<br>0.06(S) | 116.5 | 2.28<br>3.31 | 32.81<br>47.72 | 0.00<br>0.00 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | ー | 土台<br>檜 | 0.04<br>0.06 | 36.64<br>48.98 | 0.00<br>0.00 | OK<br>OK | ○ | ー | ○ |
| | X0 | 欧州赤松集成材<br>120×120 | 0.03<br>0.04(S) | 116.5 | 2.28<br>3.31 | 32.81<br>47.72 | 0.00<br>0.00 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | ー | 土台<br>檜 | 0.03<br>0.04 | 36.64<br>48.98 | 0.00<br>0.00 | OK<br>OK | ○ | ー | ○ |

［使用記号］

Ｅ　：ヤング係数　〈N/mm²〉
Ｆｃ　：圧縮基準強度　〈N/mm²〉
Ｆｍ　：めり込み基準強度　〈N/mm²〉
Ｆｂ　：曲げ基準強度　〈N/mm²〉
Ｆｓ　：せん断基準強度　〈N/mm²〉
Ｆｔ　：引張り基準強度　〈N/mm²〉
fk　：座屈許容応力度　〈N/mm²〉
fc　：圧縮許容応力度　〈N/mm²〉
fm　：めり込み許容応力度　〈N/mm²〉
fm'　：めり込み許容応力度　〈N/mm²〉
　×割増し係数
　×横架材端部でのめり込み許容応力度係数
fb　：曲げ許容応力度　〈N/mm²〉
fs　：せん断許容応力度　〈N/mm²〉
ft　：引張り許容応力度　〈N/mm²〉
Ｂ×Ｄ：材の幅×丈　〈cm×cm〉
Ａ　：全断面積　〈cm²〉
間柱Ａ：接続間柱断面積　〈cm²〉
Ａe　：有効断面積　〈cm²〉
　短期の場合は間柱Aを足した値とする
Ｉ　：断面２次モーメント　〈cm^ 4〉
Ｚ　：断面係数　〈cm^ 3〉
ｉ　：断面２次半径　〈cm〉

Ｌ　：支持スパン　〈m〉
Ｌk　：座屈長さ　〈cm〉
λ　：有効細長比
Ｎk　：柱の座屈からきまる許容軸力　〈kN〉
Ｖa　：許容めり込み軸力　〈kN〉
Ｎ　：設計軸力　〈kN〉
ＮL　：長期設計軸力　〈kN〉
Ｎs　：短期設計軸力　〈kN〉
Ｎsn　：積雪による軸力　〈kN〉
Ｎh　：水平力による軸力　〈kN〉
Ｎh'　：水平力による軸力(めり込みの検討用)　〈kN〉
Ｍa　：許容曲げモーメント　〈kN・m〉
Ｍ　：設計曲げモーメント　〈kN・m〉
ｃ　：風力係数
ｑ　：速度圧　〈kN/m²〉
Ａw　：見付面積　〈m²〉
σ　：めり込み防止プレートの曲げ応力度　〈N/m²〉
sfb　：プレート鋼材の許容曲げ応力度　〈N/m²〉

(2) 荷重の検討

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | XO | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 1.39 | | | 0.03 | |
| | Y1 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 10.76 | (0.00) | (9.37) | 0.14 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 1.78 | | | 0.03 | |
| | Y1 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 20.17 | (0.00) | (18.39) | 0.19 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 7.42 | | | 0.13 | |
| | Y1 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 35.18 | (0.00) | (27.76) | 0.33 | OK |
| | 又X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 8.84 | | | 0.21 | |
| | Y1 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 11.80 | (2.96) | (0.00) | 0.19 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.61 | | | 0.11 | |
| | Y1 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 29.59 | (0.00) | (24.99) | 0.38 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 1.78 | | | 0.03 | |
| | Y1 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 16.35 | (0.00) | (14.57) | 0.15 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 7.42 | | | 0.13 | |
| | Y1 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 17.83 | (0.00) | (10.41) | 0.17 | OK |
| | 又X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 8.04 | | | 0.19 | |
| | Y1 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 10.76 | (2.72) | (0.00) | 0.17 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 5.60 | | | 0.09 | |
| | Y1 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 22.95 | (0.00) | (17.35) | 0.21 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 2.70 | | | 0.06 | |
| | Y1 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 13.11 | (0.00) | (10.41) | 0.17 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.57 | 65.84 | 0.21 | | | 0.00 | |
| | 又Y1 | | | 3.46 | 296.6 | 85.6 | 14.99 | 6.65 | 95.77 | 0.21 | (0.00) | (0.00) | 0.00 | OK |
| | XO | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 1.93 | | | 0.04 | |
| | 又Y1 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 19.28 | (0.00) | (17.35) | 0.21 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.02 | | | 0.04 | |
| | 又Y1 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 12.43 | (0.00) | (10.41) | 0.13 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 1.24 | | | 0.02 | |
| | 又Y1 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 10.61 | (0.00) | (9.37) | 0.10 | OK |

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.57 | 65.84 | 1.22 | | | 0.02 | |
| | 又 | | | 3.46 | 296.6 | 85.6 | 14.99 | 6.65 | 95.77 | 1.22 | (0.00) | (0.00) | 0.01 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 2.33 | | | 0.04 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 8.58 | (0.00) | (6.25) | 0.08 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.61 | | | 0.05 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 3.01 | (0.40) | (0.00) | 0.04 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.03 | | | 0.05 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 9.42 | (0.00) | (6.39) | 0.09 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 1.90 | | | 0.04 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 19.26 | (0.00) | (17.35) | 0.21 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 5.26 | | | 0.09 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 14.63 | (0.00) | (9.37) | 0.14 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.33 | | | 0.06 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 18.39 | (0.00) | (15.06) | 0.17 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.23 | | | 0.04 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 17.29 | (0.00) | (15.06) | 0.18 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.30 | | | 0.06 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 20.65 | (0.00) | (17.35) | 0.22 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.36 | | | 0.05 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 19.71 | (0.00) | (17.35) | 0.21 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 8.29 | | | 0.14 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 13.49 | (0.00) | (5.21) | 0.13 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.65 | | | 0.07 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 18.71 | (0.00) | (15.06) | 0.20 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 5.01 | | | 0.12 | |
| | Y2 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 5.69 | (0.68) | (0.00) | 0.09 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.51 | | | 0.07 | |
| | Y2 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 4.51 | (1.00) | (0.00) | 0.06 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 9.64 | | | 0.16 | |
| | Y2 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 20.05 | (0.00) | (10.41) | 0.19 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.03 | | | 0.09 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 12.70 | (0.00) | (8.68) | 0.16 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.10 | 30.19 | 0.54 | | | 0.02 | |
| | 又 | | | 3.46 | 420.7 | 121.4 | 14.99 | 3.05 | 43.91 | 0.92 | (0.38) | (0.00) | 0.02 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.28 | | | 0.06 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 10.22 | (0.00) | (6.94) | 0.09 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.91 | | | 0.08 | |
| | | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 21.26 | (0.00) | (17.35) | 0.23 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 0.00 | | | 0.00 | |
| | | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 0.00 | | | 0.00 | |
| | | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.53 | | | 0.05 | |
| | | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 19.88 | (0.00) | (17.35) | 0.21 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 0.00 | | | 0.00 | |
| | | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 0.00 | | | 0.00 | |
| | | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.24 | 32.28 | 3.19 | | | 0.10 | |
| | 又 | | | 3.46 | 406.8 | 117.4 | 18.73 | 4.08 | 58.68 | 8.39 | (0.00) | (5.21) | 0.14 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 4.42 | | | 0.09 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 13.44 | (0.00) | (9.02) | 0.14 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 3.93 | | | 0.09 | |
| | Y3 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 21.28 | (0.00) | (17.35) | 0.27 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 4.72 | | | 0.08 | |
| | Y3 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 22.07 | (0.00) | (17.35) | 0.21 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.32 | | | 0.06 | |
| | Y3 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 20.68 | (0.00) | (17.35) | 0.19 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | | fc | fk | Nk | NL | | | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | i | Lk | λ | | | | Ns | (Nsn) | (Nh) | | |
| 2 | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 8.43 | | | 0.20 | |
| | Y3 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 18.84 | (0.00) | (10.41) | 0.24 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 4.48 | | | 0.08 | |
| | Y3 | | | 3.46 | 312.1 | 90.1 | 14.99 | 5.98 | 86.12 | 6.09 | (1.62) | (0.00) | 0.07 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 3.22 | | | 0.08 | |
| | Y3 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 20.57 | (0.00) | (17.35) | 0.27 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.20 | | | 0.05 | |
| | Y3 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 13.61 | (0.00) | (10.41) | 0.13 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 5.31 | | | 0.09 | |
| | Y3 | | | 3.46 | 312.1 | 90.1 | 14.99 | 5.98 | 86.12 | 7.48 | (2.17) | (0.00) | 0.09 | OK |
| | 又X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 7.75 | | | 0.18 | |
| | Y3 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 35.52 | (0.00) | (27.76) | 0.46 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 7.20 | | | 0.12 | |
| | Y3 | | | 3.46 | 312.1 | 90.1 | 14.99 | 5.98 | 86.12 | 10.10 | (2.90) | (0.00) | 0.12 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 11.63 | | | 0.27 | |
| | Y3 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 22.04 | (0.00) | (10.41) | 0.28 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 3.40 | | | 0.07 | |
| | 又Y3 | | | 3.46 | 336.1 | 97.0 | 18.73 | 6.18 | 88.96 | 18.46 | (0.00) | (15.06) | 0.21 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.76 | 54.07 | 3.81 | | | 0.07 | |
| | 又Y3 | | | 3.46 | 324.1 | 93.6 | 14.99 | 5.46 | 78.64 | 4.16 | (0.35) | (0.00) | 0.05 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.24 | 32.28 | 4.17 | | | 0.13 | |
| | 又 | | | 3.46 | 406.8 | 117.4 | 18.73 | 4.08 | 58.68 | 9.37 | (0.00) | (5.21) | 0.16 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 4.15 | | | 0.08 | |
| | 又 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 19.21 | (0.00) | (15.06) | 0.21 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.02 | | | 0.05 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 18.08 | (0.00) | (15.06) | 0.17 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 0.96 | | | 0.02 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 0.96 | (0.00) | (0.00) | 0.01 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 3.30 | | | 0.07 | |
| | 又 | | | 3.46 | 333.1 | 96.2 | 14.99 | 5.07 | 73.03 | 4.42 | (1.13) | (0.00) | 0.06 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 10.54 | | | 0.25 | |
| | Y4 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 20.95 | (0.00) | (10.41) | 0.27 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.59 | | | 0.11 | |
| | Y4 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 5.01 | (0.42) | (0.00) | 0.08 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.76 | 54.07 | 4.22 | | | 0.08 | |
| | Y4 | | | 3.46 | 324.1 | 93.6 | 14.99 | 5.46 | 78.64 | 4.79 | (0.56) | (0.00) | 0.06 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 10.30 | 148.37 | 0.00 | | | 0.00 | |
| | Y4 | | | 3.46 | 48.1 | 13.9 | 18.73 | 18.73 | 269.76 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 6.74 | | | 0.08 | |
| | Y4 | | | 3.46 | 258.0 | 74.5 | 14.99 | 8.32 | 119.82 | 8.26 | (1.52) | (0.00) | 0.07 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 10.30 | 148.37 | 0.00 | | | 0.00 | |
| | Y4 | | | 3.46 | 48.1 | 13.9 | 18.73 | 18.73 | 269.76 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 2.07 | | | 0.03 | |
| | Y4 | | | 3.46 | 258.0 | 74.5 | 14.99 | 8.32 | 119.82 | 2.07 | (0.00) | (0.00) | 0.02 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 15.0×18.0 | 270.0 | | 8.51 | 5.40 | 145.82 | 7.78 | | | 0.05 | |
| | Y4 | | | 4.33 | 288.0 | 66.5 | 15.47 | 9.82 | 265.13 | 21.90 | (0.00) | (14.12) | 0.08 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 6.30 | | | 0.11 | |
| | 又Y4 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 30.31 | (0.00) | (24.01) | 0.28 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 0.53 | | | 0.01 | |
| | 又Y4 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 0.53 | (0.00) | (0.00) | 0.01 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.42 | | | 0.10 | |
| | 又Y4 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 5.66 | (1.24) | (0.00) | 0.09 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 2.51 | | | 0.05 | |
| | 又Y4 | | | 3.46 | 333.1 | 96.2 | 14.99 | 5.07 | 73.03 | 2.51 | (0.00) | (0.00) | 0.03 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.76 | 54.07 | 4.15 | | | 0.08 | |
| | 又Y4 | | | 3.46 | 324.1 | 93.6 | 14.99 | 5.46 | 78.64 | 4.15 | (0.00) | (0.00) | 0.05 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 4.31 | | | 0.09 | |
| | 又Y4 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 12.99 | (0.00) | (8.68) | 0.14 | OK |

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 7.17 | | | 0.17 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 21.05 | (0.00) | (13.88) | 0.27 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.27 | 75.95 | 1.22 | | | 0.02 | |
| | 又 | | | 3.46 | 273.0 | 78.8 | 14.99 | 7.67 | 110.48 | 1.22 | (0.00) | (0.00) | 0.01 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 7.34 | | | 0.17 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 24.69 | (0.00) | (17.35) | 0.32 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 1.38 | | | 0.03 | |
| | 又 | | | 3.46 | 336.1 | 97.0 | 18.73 | 6.18 | 88.96 | 36.08 | (0.00) | (34.70) | 0.41 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 7.74 | | | 0.18 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 25.10 | (0.00) | (17.35) | 0.32 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 8.31 | | | 0.10 | |
| | 又 | | | 3.46 | 258.0 | 74.5 | 18.73 | 10.40 | 149.78 | 17.20 | (0.00) | (8.88) | 0.11 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 2.05 | | | 0.03 | |
| | 又 | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 2.05 | (0.00) | (0.00) | 0.02 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 2.05 | | | 0.03 | |
| | 又 | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 2.05 | (0.00) | (0.00) | 0.02 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 6.16 | | | 0.08 | |
| | 又 | | | 3.46 | 267.0 | 77.1 | 18.73 | 9.91 | 142.77 | 28.75 | (0.00) | (22.59) | 0.20 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 3.51 | | | 0.07 | |
| | 又 | | | 3.46 | 333.1 | 96.2 | 14.99 | 5.07 | 73.03 | 4.79 | (1.27) | (0.00) | 0.07 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 6.06 | | | 0.08 | |
| | | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 7.17 | (1.11) | (0.00) | 0.06 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.81 | 83.66 | 8.44 | | | 0.10 | |
| | | | | 3.46 | 255.0 | 73.6 | 18.73 | 10.56 | 152.11 | 16.91 | (0.00) | (8.47) | 0.11 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.98 | | | 0.07 | |
| | 又 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 19.04 | (0.00) | (15.06) | 0.18 | OK |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 2.75 | | | 0.05 | |
| | 又 | | | 3.46 | 333.1 | 96.2 | 14.99 | 5.07 | 73.03 | 3.57 | (0.83) | (0.00) | 0.05 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.78 | | | 0.11 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 19.84 | (0.00) | (15.06) | 0.26 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.27 | 75.95 | 2.28 | | | 0.03 | |
| | 又 | | | 3.46 | 273.0 | 78.8 | 14.99 | 7.67 | 110.48 | 2.28 | (0.00) | (0.00) | 0.02 | OK |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 1.66 | | | 0.03 | |
| | 又 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 9.44 | (0.00) | (7.77) | 0.10 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 0.82 | | | 0.02 | |
| | 又 | | | 3.46 | 336.1 | 97.0 | 18.73 | 6.18 | 88.96 | 35.52 | (0.00) | (34.70) | 0.40 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.66 | | | 0.11 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 11.05 | (0.00) | (6.39) | 0.14 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 7.28 | | | 0.09 | |
| | | | | 3.46 | 258.0 | 74.5 | 18.73 | 10.40 | 149.78 | 15.75 | (0.00) | (8.47) | 0.11 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 7.55 | | | 0.10 | |
| | | | | 3.46 | 267.0 | 77.1 | 18.73 | 9.91 | 142.77 | 30.14 | (0.00) | (22.59) | 0.21 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 7.39 | | | 0.11 | |
| | | | | 3.46 | 288.0 | 83.1 | 14.99 | 7.02 | 101.13 | 7.86 | (0.48) | (0.00) | 0.08 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 3.11 | | | 0.04 | |
| | | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 3.11 | (0.00) | (0.00) | 0.03 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.02 | 57.92 | 5.31 | | | 0.09 | |
| | 又 | | | 3.46 | 315.1 | 91.0 | 18.73 | 7.31 | 105.31 | 22.66 | (0.00) | (17.35) | 0.22 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 1.15 | | | 0.02 | |
| | 又 | | | 3.46 | 336.1 | 97.0 | 14.99 | 4.94 | 71.17 | 1.15 | (0.00) | (0.00) | 0.02 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.93 | 56.64 | 5.73 | | | 0.10 | |
| | 又 | | | 3.46 | 318.1 | 91.8 | 18.73 | 7.15 | 102.97 | 31.76 | (0.00) | (26.03) | 0.31 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 1.75 | | | 0.04 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 10.77 | (0.00) | (9.02) | 0.14 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.31 | 47.64 | 2.05 | | | 0.04 | |
| | 又 | | | 3.46 | 339.1 | 97.9 | 14.99 | 4.81 | 69.30 | 2.05 | (0.00) | (0.00) | 0.03 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.18 | | | 0.06 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 18.24 | (0.00) | (15.06) | 0.19 | OK |

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | XO | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 5.69 | | | 0.08 | |
| | Y5 | | | 3.46 | 288.0 | 83.1 | 18.73 | 8.78 | 126.41 | 26.02 | (0.00) | (20.33) | 0.21 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 3.49 | | | 0.04 | |
| | Y5 | | | 3.46 | 267.0 | 77.1 | 18.73 | 9.91 | 142.77 | 11.40 | (0.00) | (7.91) | 0.08 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 4.26 | | | 0.05 | |
| | Y5 | | | 3.46 | 267.0 | 77.1 | 18.73 | 9.91 | 142.77 | 12.17 | (0.00) | (7.91) | 0.09 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 2.58 | | | 0.03 | |
| | Y5 | | | 3.46 | 267.0 | 77.1 | 18.73 | 9.91 | 142.77 | 22.91 | (0.00) | (20.33) | 0.16 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 5.89 | | | 0.08 | |
| | Y5 | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 7.40 | (1.51) | (0.00) | 0.06 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 1.96 | | | 0.02 | |
| | Y5 | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 1.96 | (0.00) | (0.00) | 0.02 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 7.04 | | | 0.10 | |
| | Y5 | | | 3.46 | 288.0 | 83.1 | 14.99 | 7.02 | 101.13 | 8.53 | (1.48) | (0.00) | 0.08 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 4.51 | | | 0.09 | |
| | 又Y5 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 19.57 | (0.00) | (15.06) | 0.21 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 4.21 | | | 0.10 | |
| | 又Y5 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 19.27 | (0.00) | (15.06) | 0.25 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 3.90 | | | 0.08 | |
| | 又Y5 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 12.92 | (0.00) | (9.02) | 0.14 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 1.41 | | | 0.03 | |
| | 又Y5 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 10.09 | (0.00) | (8.68) | 0.11 | OK |
| | X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.65 | | | 0.05 | |
| | 又Y5 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 9.04 | (0.00) | (6.39) | 0.10 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 11.30 | | | 0.27 | |
| | 又Y5 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 15.49 | (4.19) | (0.00) | 0.25 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 1.03 | | | 0.02 | |
| | 又Y5 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 1.03 | (0.00) | (0.00) | 0.01 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 7.62 | | | 0.18 | |
| | 又Y5 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 9.65 | (2.03) | (0.00) | 0.16 | OK |
| | XO | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 6.85 | | | 0.08 | |
| | | | | 3.46 | 258.0 | 74.5 | 14.99 | 8.32 | 119.82 | 7.45 | (0.60) | (0.00) | 0.06 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.36 | 77.24 | 3.98 | | | 0.05 | |
| | | | | 3.46 | 270.0 | 77.9 | 14.99 | 7.80 | 112.34 | 3.98 | (0.00) | (0.00) | 0.04 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.81 | 83.66 | 10.00 | | | 0.12 | |
| | | | | 3.46 | 255.0 | 73.6 | 14.99 | 8.45 | 121.69 | 11.74 | (1.74) | (0.00) | 0.10 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 9.50 | | | 0.12 | |
| | 又 | | | 3.46 | 258.0 | 74.5 | 14.99 | 8.32 | 119.82 | 9.81 | (0.32) | (0.00) | 0.08 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.27 | 75.95 | 1.08 | | | 0.01 | |
| | 又 | | | 3.46 | 273.0 | 78.8 | 14.99 | 7.67 | 110.48 | 1.08 | (0.00) | (0.00) | 0.01 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 3.03 | | | 0.07 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 26.77 | (0.00) | (23.74) | 0.35 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.96 | | | 0.08 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 19.02 | (0.00) | (15.06) | 0.20 | OK |
| | XO | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 6.81 | | | 0.08 | |
| | | | | 3.46 | 258.0 | 74.5 | 18.73 | 10.40 | 149.78 | 35.03 | (0.00) | (28.22) | 0.23 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 2.42 | | | 0.05 | |
| | 又 | | | 3.46 | 333.1 | 96.2 | 18.73 | 6.34 | 91.29 | 7.63 | (0.00) | (5.21) | 0.08 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 3.94 | | | 0.09 | |
| | 又 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 12.61 | (0.00) | (8.68) | 0.16 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.31 | 47.64 | 0.72 | | | 0.02 | |
| | 又 | | | 3.46 | 339.1 | 97.9 | 14.99 | 4.81 | 69.30 | 0.72 | (0.00) | (0.00) | 0.01 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 1.88 | | | 0.04 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 16.94 | (0.00) | (15.06) | 0.18 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.96 | | | 0.06 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 3.89 | (0.93) | (0.00) | 0.05 | OK |
| | XO | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 11.64 | | | 0.17 | |
| | Y6 | | | 3.46 | 288.0 | 83.1 | 18.73 | 8.78 | 126.41 | 17.29 | (0.00) | (5.64) | 0.14 | OK |

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 11.48 | | | 0.17 | |
| | Y6 | | | 3.46 | 288.0 | 83.1 | 18.73 | 8.78 | 126.41 | 39.70 | (0.00) | (28.22) | 0.31 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 8.74 | | | 0.11 | |
| | Y6 | | | 3.46 | 267.0 | 77.1 | 14.99 | 7.93 | 114.21 | 11.24 | (2.50) | (0.00) | 0.10 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.81 | 83.66 | 13.21 | | | 0.16 | |
| | Y6 | | | 3.46 | 255.0 | 73.6 | 18.73 | 10.56 | 152.11 | 41.43 | (0.00) | (28.22) | 0.27 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.49 | 50.21 | 2.39 | | | 0.05 | |
| | 又Y6 | | | 3.46 | 333.1 | 96.2 | 14.99 | 5.07 | 73.03 | 2.78 | (0.38) | (0.00) | 0.04 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 2.59 | | | 0.06 | |
| | 又Y6 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 8.98 | (0.00) | (6.39) | 0.12 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 1.70 | | | 0.03 | |
| | 又Y6 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 2.21 | (0.52) | (0.00) | 0.03 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 2.07 | | | 0.04 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 14.99 | 5.20 | 74.90 | 2.91 | (0.84) | (0.00) | 0.04 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.58 | 51.50 | 3.25 | | | 0.06 | |
| | 又 | | | 3.46 | 330.1 | 95.3 | 18.73 | 6.50 | 93.63 | 18.31 | (0.00) | (15.06) | 0.20 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 11.45 | | | 0.14 | |
| | Y7 | | | 3.46 | 258.0 | 74.5 | 14.99 | 8.32 | 119.82 | 12.33 | (0.88) | (0.00) | 0.10 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 15.98 | | | 0.19 | |
| | Y7 | | | 3.46 | 258.0 | 74.5 | 18.73 | 10.40 | 149.78 | 38.57 | (0.00) | (22.59) | 0.26 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 14.15 | | | 0.20 | |
| | Y7 | | | 3.46 | 288.0 | 83.1 | 18.73 | 8.78 | 126.41 | 24.03 | (0.00) | (9.88) | 0.19 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 2.92 | | | 0.07 | |
| | 又Y7 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 3.34 | (0.42) | (0.00) | 0.05 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 15.0×15.0 | 225.0 | | 10.30 | 7.33 | 164.85 | 0.54 | | | 0.00 | |
| | | | | 4.33 | 255.0 | 58.9 | 18.73 | 13.32 | 299.73 | 13.24 | (0.00) | (12.70) | 0.04 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 1.55 | | | 0.03 | |
| | 又 | | | 3.46 | 336.1 | 97.0 | 18.73 | 6.18 | 88.96 | 10.23 | (0.00) | (8.68) | 0.11 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 1.03 | | | 0.01 | |
| | 又 | | | 3.46 | 258.0 | 74.5 | 14.99 | 8.32 | 119.82 | 1.03 | (0.00) | (0.00) | 0.01 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.81 | 83.66 | 0.62 | | | 0.01 | |
| | 又 | | | 3.46 | 255.0 | 73.6 | 14.99 | 8.45 | 121.69 | 0.62 | (0.00) | (0.00) | 0.01 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.72 | 82.38 | 1.56 | | | 0.02 | |
| | 又 | | | 3.46 | 258.0 | 74.5 | 18.73 | 10.40 | 149.78 | 24.14 | (0.00) | (22.58) | 0.16 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 10.30 | 148.37 | 0.00 | | | 0.00 | |
| | 又 | | | 3.46 | 42.1 | 12.2 | 18.73 | 18.73 | 269.76 | 0.00 | (0.00) | (0.00) | 0.00 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 1.74 | | | 0.04 | |
| | 又 | | | 3.46 | 336.1 | 97.0 | 18.73 | 6.18 | 88.96 | 8.68 | (0.00) | (6.94) | 0.10 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.40 | 48.93 | 1.32 | | | 0.03 | |
| | 又 | | | 3.46 | 336.1 | 97.0 | 18.73 | 6.18 | 88.96 | 5.97 | (0.00) | (4.65) | 0.07 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 1.88 | | | 0.03 | |
| | Y8 | | | 3.46 | 288.0 | 83.1 | 18.73 | 8.78 | 126.41 | 10.35 | (0.00) | (8.47) | 0.08 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 5.45 | 78.52 | 5.25 | | | 0.07 | |
| | Y8 | | | 3.46 | 267.0 | 77.1 | 18.73 | 9.91 | 142.77 | 19.37 | (0.00) | (14.12) | 0.14 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 8.46 | | | 0.12 | |
| | Y8 | | | 3.46 | 288.0 | 83.1 | 14.99 | 7.02 | 101.13 | 10.72 | (2.26) | (0.00) | 0.11 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.83 | 69.53 | 6.76 | | | 0.10 | |
| | Y8 | | | 3.46 | 288.0 | 83.1 | 18.73 | 8.78 | 126.41 | 24.11 | (0.00) | (17.35) | 0.19 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.84 | 55.35 | 5.11 | | | 0.09 | |
| | Y8 | | | 3.46 | 321.1 | 92.7 | 18.73 | 6.99 | 100.64 | 15.52 | (0.00) | (10.41) | 0.15 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.84 | 55.35 | 4.83 | | | 0.09 | |
| | Y8 | | | 3.46 | 321.1 | 92.7 | 18.73 | 6.99 | 100.64 | 15.24 | (0.00) | (10.41) | 0.15 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 9.41 | | | 0.22 | |
| | Y8 | | | 3.46 | 354.1 | 102.2 | 18.73 | 5.38 | 77.45 | 26.76 | (0.00) | (17.35) | 0.35 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 3.99 | | | 0.07 | |
| | Y8 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 21.34 | (0.00) | (17.35) | 0.20 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.11 | 59.21 | 5.55 | | | 0.09 | |
| | Y8 | | | 3.46 | 312.1 | 90.1 | 18.73 | 7.48 | 107.65 | 22.91 | (0.00) | (17.35) | 0.21 | OK |

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.96 | 42.60 | 0.86 | | | 0.02 | |
| | Y8 | | | 3.46 | 354.1 | 102.2 | 14.99 | 4.30 | 61.96 | 0.98 | (0.12) | (0.00) | 0.02 | OK |
| 1 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 5.64 | | | 0.14 | |
| | Y0 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 41.94 | (0.00) | (36.30) | 0.59 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 3.67 | | | 0.08 | |
| | Y0 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 39.97 | (0.00) | (36.30) | 0.49 | OK |
| | 又X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 4.78 | | | 0.12 | |
| | Y0 | | | 3.46 | 370.4 | 106.9 | 14.99 | 3.93 | 56.63 | 5.87 | (1.09) | (0.00) | 0.10 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 2.57 | | | 0.06 | |
| | Y0 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 3.15 | (0.58) | (0.00) | 0.05 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 8.89 | | | 0.23 | |
| | Y0 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 24.52 | (0.00) | (15.64) | 0.35 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 8.96 | | | 0.18 | |
| | Y0 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 34.39 | (0.00) | (25.42) | 0.37 | OK |
| | 又X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 18.24 | | | 0.36 | |
| | Y0 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 50.71 | (0.00) | (32.46) | 0.55 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 22.97 | | | 0.45 | |
| | Y0 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 32.79 | (0.00) | (9.82) | 0.35 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 17.85 | | | 0.46 | |
| | Y0 | | | 3.46 | 370.4 | 106.9 | 14.99 | 3.93 | 56.63 | 19.63 | (1.78) | (0.00) | 0.35 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 16.84 | | | 0.32 | |
| | Y0 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 45.88 | (0.00) | (29.04) | 0.48 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 12.84 | | | 0.25 | |
| | Y0 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 15.84 | (0.00) | (3.00) | 0.17 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 8.36 | | | 0.16 | |
| | Y0 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 15.43 | (0.00) | (7.06) | 0.16 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.64 | 38.00 | 1.71 | | | 0.05 | |
| | Y0 | | | 3.46 | 374.9 | 108.2 | 18.73 | 4.80 | 69.10 | 30.75 | (0.00) | (29.04) | 0.45 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 7.25 | | | 0.14 | |
| | 又Y0 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 13.87 | (0.00) | (6.62) | 0.15 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 0.52 | | | 0.01 | |
| | 又Y0 | | | 3.46 | 355.4 | 102.6 | 14.99 | 4.27 | 61.51 | 0.52 | (0.00) | (0.00) | 0.01 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 6.23 | | | 0.12 | |
| | Y1 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 35.27 | (0.00) | (29.04) | 0.37 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 22.06 | | | 0.42 | |
| | 又Y1 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 39.41 | (0.00) | (17.35) | 0.42 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 24.40 | | | 0.46 | |
| | 又Y1 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 60.70 | (0.00) | (36.30) | 0.62 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.04 | 43.75 | 2.01 | | | 0.05 | |
| | 又Y1 | | | 3.46 | 349.4 | 100.9 | 18.73 | 5.52 | 79.55 | 26.99 | (0.00) | (24.97) | 0.34 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.04 | 43.75 | 5.57 | | | 0.13 | |
| | 又Y1 | | | 3.46 | 349.4 | 100.9 | 18.73 | 5.52 | 79.55 | 15.99 | (0.00) | (10.41) | 0.20 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 5.68 | | | 0.11 | |
| | 又Y1 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 30.66 | (0.00) | (24.98) | 0.32 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 15.57 | | | 0.29 | |
| | 又 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 29.12 | (0.00) | (13.55) | 0.30 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 6.44 | | | 0.12 | |
| | 又 | | | 3.46 | 328.4 | 94.8 | 14.99 | 5.28 | 75.96 | 6.75 | (0.31) | (0.00) | 0.09 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 6.17 | | | 0.14 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 21.93 | (0.00) | (15.75) | 0.27 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 16.46 | | | 0.42 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 14.99 | 3.93 | 56.63 | 16.86 | (0.40) | (0.00) | 0.30 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 17.39 | | | 0.32 | |
| | 又 | | | 3.46 | 325.4 | 93.9 | 14.99 | 5.41 | 77.83 | 17.39 | (0.00) | (0.00) | 0.22 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 7.64 | | | 0.15 | |
| | 又 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 32.62 | (0.00) | (24.98) | 0.34 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 17.39 | | | 0.33 | |
| | 又 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 19.51 | (0.00) | (2.11) | 0.21 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | | fc | fk | Nk | NL | | | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | i | Lk | λ | | | | Ns | (Nsn) | (Nh) | | |
| 1 | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 27.98 | | | 0.72 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 64.41 | (0.00) | (36.44) | 0.91 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 19.91 | | | 0.38 | |
| | 又 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 73.56 | (0.00) | (53.65) | 0.77 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 15.17 | | | 0.28 | |
| | 又 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 51.47 | (0.00) | (36.30) | 0.53 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 17.95 | | | 0.34 | |
| | 又 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 48.76 | (0.00) | (30.81) | 0.50 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 27.17 | | | 0.70 | |
| | Y2 | | | 3.46 | 370.4 | 106.9 | 14.99 | 3.93 | 56.63 | 27.85 | (0.68) | (0.00) | 0.49 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 25.02 | | | 0.64 | |
| | Y2 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 54.76 | (0.00) | (29.74) | 0.77 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 22.04 | | | 0.43 | |
| | Y2 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 49.27 | (0.00) | (27.23) | 0.53 | OK |
| | 又X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 21.71 | | | 0.43 | |
| | Y2 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 50.77 | (0.00) | (29.06) | 0.55 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 26.60 | | | 0.52 | |
| | Y2 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 31.19 | (0.00) | (4.59) | 0.34 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 22.13 | | | 0.57 | |
| | Y2 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 58.43 | (0.00) | (36.30) | 0.83 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 10.59 | | | 0.20 | |
| | Y2 | | | 3.46 | 325.4 | 93.9 | 14.99 | 5.41 | 77.83 | 10.83 | (0.24) | (0.00) | 0.14 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 13.83 | | | 0.26 | |
| | Y2 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 50.75 | (0.00) | (36.92) | 0.52 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 15.42 | | | 0.29 | |
| | Y2 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 50.16 | (0.00) | (34.74) | 0.52 | OK |
| | 又X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 5.75 | | | 0.11 | |
| | Y2 | | | 3.46 | 325.4 | 93.9 | 14.99 | 5.41 | 77.83 | 5.75 | (0.00) | (0.00) | 0.07 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 30.49 | | | 0.78 | |
| | Y2 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 66.20 | (0.00) | (35.71) | 0.94 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 10.75 | | | 0.20 | |
| | 又Y2 | | | 3.46 | 325.4 | 93.9 | 14.99 | 5.41 | 77.83 | 10.75 | (0.00) | (0.00) | 0.14 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 3.07 | | | 0.07 | |
| | | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 39.37 | (0.00) | (36.30) | 0.49 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 10.76 | | | 0.20 | |
| | 又 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 19.43 | (0.00) | (8.68) | 0.20 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 4.70 | | | 0.11 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 41.00 | (0.00) | (36.30) | 0.51 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 2.08 | | | 0.05 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 14.99 | 3.93 | 56.63 | 2.63 | (0.55) | (0.00) | 0.05 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 15.48 | | | 0.30 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 22.48 | (0.00) | (7.00) | 0.24 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 14.23 | | | 0.37 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 19.68 | (0.00) | (5.44) | 0.28 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 15.42 | | | 0.31 | |
| | 又 | | | 3.46 | 334.4 | 96.5 | 14.99 | 5.02 | 72.22 | 15.42 | (0.00) | (0.00) | 0.21 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 20.52 | | | 0.41 | |
| | | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 56.02 | (0.00) | (35.50) | 0.62 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 3.02 | | | 0.06 | |
| | 又 | | | 3.46 | 337.4 | 97.4 | 18.73 | 6.11 | 87.94 | 12.10 | (0.00) | (9.07) | 0.14 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 0.82 | | | 0.02 | |
| | 又 | | | 3.46 | 337.4 | 97.4 | 14.99 | 4.89 | 70.36 | 0.84 | (0.02) | (0.00) | 0.01 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 8.87 | | | 0.17 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 26.56 | (0.00) | (17.69) | 0.29 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 21.83 | | | 0.43 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 46.61 | (0.00) | (24.78) | 0.50 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 17.80 | | | 0.46 | |
| | Y3 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 64.51 | (0.00) | (46.71) | 0.91 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | | fc | fk | Nk | NL | | | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | i | Lk | λ | | | | Ns | (Nsn) | (Nh) | | |
| 1 | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 4.00 | | | 0.08 | |
| | Y3 | | | 3.46 | 337.4 | 97.4 | 14.99 | 4.89 | 70.36 | 4.00 | (0.00) | (0.00) | 0.06 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 15.02 | | | 0.31 | |
| | Y3 | | | 3.46 | 337.4 | 97.4 | 18.73 | 6.11 | 87.94 | 42.60 | (0.00) | (27.57) | 0.48 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 25.20 | | | 0.65 | |
| | Y3 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 61.50 | (0.00) | (36.30) | 0.87 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 7.66 | | | 0.15 | |
| | Y3 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 36.70 | (0.00) | (29.04) | 0.41 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 9.25 | | | 0.19 | |
| | Y3 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 11.70 | (0.00) | (2.45) | 0.13 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 4.29 | | | 0.11 | |
| | Y3 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 7.62 | (0.00) | (3.33) | 0.11 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 20.33 | | | 0.48 | |
| | Y3 | | | 3.46 | 355.4 | 102.6 | 18.73 | 5.34 | 76.89 | 73.98 | (0.00) | (53.65) | 0.96 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 15.74 | | | 0.33 | |
| | Y3 | | | 3.46 | 337.4 | 97.4 | 18.73 | 6.11 | 87.94 | 26.15 | (0.00) | (10.41) | 0.30 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 13.80 | | | 0.29 | |
| | Y3 | | | 3.46 | 337.4 | 97.4 | 14.99 | 4.89 | 70.36 | 15.43 | (1.63) | (0.00) | 0.22 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 18.34 | | | 0.38 | |
| | Y3 | | | 3.46 | 337.4 | 97.4 | 18.73 | 6.11 | 87.94 | 80.41 | (0.00) | (62.07) | 0.91 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 24.71 | | | 0.63 | |
| | Y3 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 61.01 | (0.00) | (36.30) | 0.86 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 16.34 | | | 0.34 | |
| | Y3 | | | 3.46 | 337.4 | 97.4 | 14.99 | 4.89 | 70.36 | 18.52 | (2.18) | (0.00) | 0.26 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×18.0 | 216.0 | | 8.51 | 2.23 | 48.21 | 41.86 | | | 0.87 | |
| | Y3 | | | 3.46 | 370.4 | 106.9 | 15.47 | 4.06 | 87.66 | 52.27 | (0.00) | (10.41) | 0.60 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 2.21 | | | 0.05 | |
| | 又Y3 | | | 3.46 | 355.4 | 102.6 | 18.73 | 5.34 | 76.89 | 16.73 | (0.00) | (14.52) | 0.22 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 6.99 | | | 0.14 | |
| | 又Y3 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 22.05 | (0.00) | (15.06) | 0.24 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 5.63 | | | 0.11 | |
| | 又Y3 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 27.27 | (0.00) | (21.63) | 0.29 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 3.49 | | | 0.07 | |
| | 又Y3 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 12.93 | (0.00) | (9.44) | 0.14 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 11.48 | | | 0.23 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 27.23 | (0.00) | (15.75) | 0.29 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 10.44 | | | 0.27 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 38.06 | (0.00) | (27.62) | 0.54 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 13.94 | | | 0.28 | |
| | 又 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 50.24 | (0.00) | (36.30) | 0.56 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 7.45 | | | 0.17 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 7.45 | (0.00) | (0.00) | 0.12 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 12.35 | | | 0.32 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 68.28 | (0.00) | (55.93) | 0.96 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 15.14 | | | 0.30 | |
| | 又 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 30.89 | (0.00) | (15.75) | 0.34 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 18.40 | | | 0.36 | |
| | | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 47.44 | (0.00) | (29.04) | 0.51 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 23.96 | | | 0.50 | |
| | Y4 | | | 3.46 | 337.4 | 97.4 | 18.73 | 6.11 | 87.94 | 49.09 | (0.00) | (25.13) | 0.56 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 4.09 | | | 0.09 | |
| | Y4 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 13.17 | (0.00) | (9.07) | 0.16 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 8.65 | | | 0.19 | |
| | Y4 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 19.54 | (0.00) | (10.89) | 0.24 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 29.05 | | | 0.75 | |
| | Y4 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 52.60 | (0.00) | (23.55) | 0.74 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 18.0×18.0 | 324.0 | | 10.30 | 4.74 | 153.55 | 109.69 | | | 0.71 | |
| | Y4 | | | 5.20 | 436.5 | 84.0 | 18.73 | 8.62 | 279.17 | 118.16 | (0.00) | (8.47) | 0.42 | OK |

| 階 | 符号 | 部材 | 材種 | B×D<br>i | A<br>Lk | λ | fc | fk | Nk | NL<br>Ns | (Nsn) | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 15.55 | | | 0.31 | |
| | 又Y4 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 73.85 | (0.00) | (58.29) | 0.80 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 18.94 | | | 0.38 | |
| | 又Y4 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 43.63 | (0.00) | (24.69) | 0.48 | OK |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 9.59 | | | 0.19 | |
| | 又Y4 | | | 3.46 | 331.4 | 95.7 | 14.99 | 5.15 | 74.09 | 9.59 | (0.00) | (0.00) | 0.13 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 4.45 | | | 0.11 | |
| | 又Y4 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 44.80 | (0.00) | (40.35) | 0.63 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 10.14 | | | 0.23 | |
| | 又Y4 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 25.89 | (0.00) | (15.75) | 0.32 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 26.65 | | | 0.68 | |
| | 又Y4 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 53.61 | (0.00) | (26.96) | 0.76 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 18.90 | | | 0.37 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 53.64 | (0.00) | (34.74) | 0.58 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 37.60 | | | 0.97 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 55.75 | (0.00) | (18.15) | 0.79 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 11.66 | | | 0.22 | |
| | 又 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 29.02 | (0.00) | (17.35) | 0.31 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.63 | 52.22 | 13.76 | | | 0.26 | |
| | 又 | | | 3.46 | 328.4 | 94.8 | 18.73 | 6.59 | 94.95 | 66.61 | (0.00) | (52.85) | 0.70 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 14.15 | | | 0.28 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 31.50 | (0.00) | (17.35) | 0.34 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 1.95 | 28.03 | 19.28 | | | 0.69 | |
| | 又 | | | 3.46 | 436.5 | 126.0 | 18.73 | 3.54 | 50.97 | 22.28 | (0.00) | (3.00) | 0.44 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 10.30 | 148.37 | 6.50 | | | 0.04 | |
| | 又 | | | 3.46 | 42.1 | 12.2 | 14.99 | 14.99 | 215.81 | 6.50 | (0.00) | (0.00) | 0.03 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 10.30 | 148.37 | 3.13 | | | 0.02 | |
| | 又 | | | 3.46 | 42.1 | 12.2 | 14.99 | 14.99 | 215.81 | 3.13 | (0.00) | (0.00) | 0.01 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 10.30 | 148.37 | 7.16 | | | 0.05 | |
| | 又 | | | 3.46 | 42.1 | 12.2 | 18.73 | 18.73 | 269.76 | 29.75 | (0.00) | (22.59) | 0.11 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 15.0×24.0 | 360.0 | | 8.51 | 2.84 | 102.14 | 89.44 | | | 0.88 | |
| | 又 | | | 4.33 | 418.5 | 96.6 | 15.47 | 5.16 | 185.70 | 120.50 | (0.00) | (31.06) | 0.65 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 14.88 | | | 0.29 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 14.99 | 5.15 | 74.09 | 14.88 | (0.00) | (0.00) | 0.20 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 3.15 | | | 0.07 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 3.15 | (0.00) | (0.00) | 0.05 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 27.35 | | | 0.55 | |
| | 又 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 52.04 | (0.00) | (24.69) | 0.58 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 2.41 | | | 0.05 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 2.41 | (0.00) | (0.00) | 0.04 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 4.45 | | | 0.09 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 18.73 | 5.95 | 85.61 | 14.75 | (0.00) | (10.30) | 0.17 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 15.04 | | | 0.30 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 53.73 | (0.00) | (38.69) | 0.58 | OK |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 8.64 | | | 0.19 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 24.40 | (0.00) | (15.75) | 0.30 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 22.36 | | | 0.57 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 36.88 | (0.00) | (14.52) | 0.52 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 12.09 | | | 0.39 | |
| | | | | 3.46 | 412.5 | 119.1 | 18.73 | 3.96 | 57.07 | 26.01 | (0.00) | (13.92) | 0.46 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.25 | 32.32 | 10.69 | | | 0.33 | |
| | | | | 3.46 | 406.5 | 117.3 | 18.73 | 4.08 | 58.77 | 16.87 | (0.00) | (6.17) | 0.29 | OK |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 3.97 | | | 0.10 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 17.63 | (0.00) | (13.66) | 0.25 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.01 | 57.79 | 13.47 | | | 0.23 | |
| | 又 | | | 3.46 | 315.4 | 91.0 | 18.73 | 7.30 | 105.08 | 31.62 | (0.00) | (18.15) | 0.30 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 9.92 | | | 0.22 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 46.22 | (0.00) | (36.30) | 0.57 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | | fc | fk | Nk | NL | | | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | i | Lk | λ | | | | Ns | (Nsn) | (Nh) | | |
| 1 | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 10.35 | | | 0.22 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 18.73 | 5.95 | 85.61 | 52.91 | (0.00) | (42.56) | 0.62 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.54 | 50.94 | 13.91 | | | 0.27 | |
| | 又 | | | 3.46 | 331.4 | 95.7 | 18.73 | 6.43 | 92.62 | 39.94 | (0.00) | (26.03) | 0.43 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 1.65 | | | 0.04 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 14.99 | 4.76 | 68.49 | 1.65 | (0.00) | (0.00) | 0.02 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 8.75 | | | 0.20 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 19.16 | (0.00) | (10.40) | 0.24 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 9.50 | | | 0.24 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 17.62 | (0.00) | (8.12) | 0.25 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 3.14 | | | 0.07 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 14.99 | 4.76 | 68.49 | 3.14 | (0.00) | (0.00) | 0.05 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 1.95 | 28.03 | 14.89 | | | 0.53 | |
| | Y5 | | | 3.46 | 436.5 | 126.0 | 18.73 | 3.54 | 50.97 | 35.22 | (0.00) | (20.33) | 0.69 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 17.59 | | | 0.54 | |
| | Y5 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 19.63 | (0.00) | (2.04) | 0.33 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 15.34 | | | 0.31 | |
| | 又Y5 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 41.48 | (0.00) | (26.15) | 0.46 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 6.58 | | | 0.14 | |
| | 又Y5 | | | 3.46 | 340.4 | 98.3 | 18.73 | 5.95 | 85.61 | 21.64 | (0.00) | (15.06) | 0.25 | OK |
| | X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 13.38 | | | 0.30 | |
| | 又Y5 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 18.04 | (0.00) | (4.66) | 0.22 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 20.30 | | | 0.52 | |
| | 又Y5 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 49.33 | (0.00) | (29.04) | 0.70 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.36 | 48.37 | 10.23 | | | 0.21 | |
| | 又Y5 | | | 3.46 | 337.4 | 97.4 | 18.73 | 6.11 | 87.94 | 39.27 | (0.00) | (29.04) | 0.45 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 21.91 | | | 0.56 | |
| | 又Y5 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 40.06 | (0.00) | (18.15) | 0.57 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 12.49 | | | 0.25 | |
| | 又Y5 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 38.63 | (0.00) | (26.15) | 0.43 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 1.54 | 22.21 | 6.13 | | | 0.28 | |
| | 又 | | | 3.46 | 490.4 | 141.6 | 18.73 | 2.80 | 40.38 | 15.21 | (0.00) | (9.07) | 0.38 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 2.67 | | | 0.06 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 14.99 | 4.76 | 68.49 | 2.67 | (0.00) | (0.00) | 0.04 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 24.71 | | | 0.63 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 67.15 | (0.00) | (42.45) | 0.95 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 18.16 | | | 0.39 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 18.73 | 5.95 | 85.61 | 39.73 | (0.00) | (21.57) | 0.46 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 4.46 | | | 0.11 | |
| | 又 | | | 3.46 | 355.4 | 102.6 | 14.99 | 4.27 | 61.51 | 4.46 | (0.00) | (0.00) | 0.07 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 15.62 | | | 0.50 | |
| | | | | 3.46 | 412.5 | 119.1 | 18.73 | 3.96 | 57.07 | 30.55 | (0.00) | (14.93) | 0.54 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 9.19 | | | 0.29 | |
| | | | | 3.46 | 412.5 | 119.1 | 14.99 | 3.17 | 45.66 | 9.19 | (0.00) | (0.00) | 0.20 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 11.60 | | | 0.30 | |
| | 又 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 27.76 | (0.00) | (16.15) | 0.39 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.01 | 57.79 | 10.09 | | | 0.17 | |
| | 又 | | | 3.46 | 315.4 | 91.0 | 18.73 | 7.30 | 105.08 | 16.92 | (0.00) | (6.82) | 0.16 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 10.64 | | | 0.24 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 28.79 | (0.00) | (18.15) | 0.36 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 15.66 | | | 0.32 | |
| | 又 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 30.43 | (0.00) | (14.77) | 0.34 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 8.31 | | | 0.17 | |
| | 又 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 29.94 | (0.00) | (21.63) | 0.33 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 17.03 | | | 0.54 | |
| | Y6 | | | 3.46 | 412.5 | 119.1 | 14.99 | 3.17 | 45.66 | 18.42 | (1.40) | (0.00) | 0.40 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 9.19 | | | 0.29 | |
| | Y6 | | | 3.46 | 412.5 | 119.1 | 14.99 | 3.17 | 45.66 | 9.19 | (0.00) | (0.00) | 0.20 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | | fc | fk | Nk | NL | | | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | i | Lk | λ | | | | Ns | (Nsn) | (Nh) | | |
| 1 | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.45 | 49.65 | 13.05 | | | 0.26 | |
| | 又Y6 | | | 3.46 | 334.4 | 96.5 | 18.73 | 6.27 | 90.28 | 34.68 | (0.00) | (21.63) | 0.38 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.01 | 57.79 | 20.02 | | | 0.35 | |
| | 又Y6 | | | 3.46 | 315.4 | 91.0 | 18.73 | 7.30 | 105.08 | 44.99 | (0.00) | (24.97) | 0.43 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 9.88 | | | 0.22 | |
| | 又Y6 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 9.88 | (0.00) | (0.00) | 0.15 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 15.78 | | | 0.41 | |
| | 又Y6 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 58.95 | (0.00) | (43.17) | 0.83 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 14.58 | | | 0.31 | |
| | 又Y6 | | | 3.46 | 340.4 | 98.3 | 18.73 | 5.95 | 85.61 | 30.33 | (0.00) | (15.75) | 0.35 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.27 | 47.08 | 15.23 | | | 0.32 | |
| | 又 | | | 3.46 | 340.4 | 98.3 | 18.73 | 5.95 | 85.61 | 24.30 | (0.00) | (9.07) | 0.28 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 10.58 | | | 0.24 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 10.58 | (0.00) | (0.00) | 0.16 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 15.0×21.0 | 315.0 | | 8.51 | 2.51 | 79.11 | 70.22 | | | 0.89 | |
| | 又 | | | 4.33 | 436.5 | 100.8 | 15.47 | 4.57 | 143.83 | 85.34 | (0.00) | (15.12) | 0.59 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 7.09 | | | 0.16 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 22.15 | (0.00) | (15.06) | 0.27 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 1.42 | | | 0.03 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 1.42 | (0.00) | (0.00) | 0.02 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×18.0 | 216.0 | | 8.51 | 1.61 | 34.72 | 19.55 | | | 0.56 | |
| | Y7 | | | 3.46 | 436.5 | 126.0 | 15.47 | 2.92 | 63.12 | 51.55 | (0.00) | (32.00) | 0.82 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 7.68 | | | 0.24 | |
| | Y7 | | | 3.46 | 412.5 | 119.1 | 18.73 | 3.96 | 57.07 | 39.76 | (0.00) | (32.08) | 0.70 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.18 | 31.39 | 5.93 | | | 0.19 | |
| | Y7 | | | 3.46 | 412.5 | 119.1 | 18.73 | 3.96 | 57.07 | 18.76 | (0.00) | (12.83) | 0.33 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×18.0 | 216.0 | | 8.51 | 1.88 | 40.63 | 34.22 | | | 0.84 | |
| | Y7 | | | 3.46 | 403.5 | 116.5 | 15.47 | 3.42 | 73.87 | 56.81 | (0.00) | (22.59) | 0.77 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.15 | 30.94 | 5.52 | | | 0.18 | |
| | Y7 | | | 3.46 | 415.5 | 119.9 | 18.73 | 3.91 | 56.25 | 18.35 | (0.00) | (12.83) | 0.33 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 1.80 | | | 0.04 | |
| | 又Y7 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 9.94 | (0.00) | (8.13) | 0.12 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 11.28 | | | 0.25 | |
| | 又Y7 | | | 3.46 | 346.4 | 100.0 | 14.99 | 4.50 | 64.75 | 11.28 | (0.00) | (0.00) | 0.17 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 14.61 | | | 0.38 | |
| | 又Y7 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 38.13 | (0.00) | (23.52) | 0.54 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 15.0×21.0 | 315.0 | | 8.51 | 2.90 | 91.23 | 90.82 | | | 1.00 | |
| | | | | 4.33 | 415.5 | 96.0 | 15.47 | 5.27 | 165.86 | 110.58 | (0.00) | (19.76) | 0.67 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 4.72 | | | 0.11 | |
| | 又 | | | 3.46 | 355.4 | 102.6 | 18.73 | 5.34 | 76.89 | 13.40 | (0.00) | (8.68) | 0.17 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 16.27 | | | 0.50 | |
| | 又 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 38.85 | (0.00) | (22.58) | 0.65 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 4.01 | 57.79 | 39.26 | | | 0.68 | |
| | 又 | | | 3.46 | 315.4 | 91.0 | 18.73 | 7.30 | 105.08 | 64.23 | (0.00) | (24.97) | 0.61 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 12.53 | | | 0.28 | |
| | 又 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 23.86 | (0.00) | (11.33) | 0.29 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 5.29 | | | 0.12 | |
| | 又 | | | 3.46 | 355.4 | 102.6 | 18.73 | 5.34 | 76.89 | 25.39 | (0.00) | (20.11) | 0.33 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.94 | 42.29 | 4.00 | | | 0.09 | |
| | 又 | | | 3.46 | 355.4 | 102.6 | 18.73 | 5.34 | 76.89 | 21.14 | (0.00) | (17.14) | 0.27 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 27.40 | | | 0.84 | |
| | Y8 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 30.83 | (0.00) | (3.44) | 0.52 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 5.14 | | | 0.16 | |
| | Y8 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 41.44 | (0.00) | (36.30) | 0.69 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 1.95 | 28.03 | 16.24 | | | 0.58 | |
| | Y8 | | | 3.46 | 436.5 | 126.0 | 18.73 | 3.54 | 50.97 | 33.60 | (0.00) | (17.35) | 0.66 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 3.30 | | | 0.06 | |
| | Y8 | | | 3.46 | 325.4 | 93.9 | 14.99 | 5.41 | 77.83 | 3.30 | (0.00) | (0.00) | 0.04 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | | fc | fk | Nk | NL | | | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | i | Lk | λ | | | | Ns | (Nsn) | (Nh) | | |
| 1 | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 11.66 | | | 0.22 | |
| | Y8 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 58.37 | (0.00) | (46.71) | 0.60 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 11.68 | | | 0.22 | |
| | Y8 | | | 3.46 | 325.4 | 93.9 | 18.73 | 6.76 | 97.29 | 58.39 | (0.00) | (46.71) | 0.60 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.72 | 53.51 | 3.77 | | | 0.07 | |
| | Y8 | | | 3.46 | 325.4 | 93.9 | 14.99 | 5.41 | 77.83 | 3.77 | (0.00) | (0.00) | 0.05 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 15.58 | | | 0.40 | |
| | Y8 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 69.23 | (0.00) | (53.65) | 0.98 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 3.09 | 44.51 | 9.29 | | | 0.21 | |
| | Y8 | | | 3.46 | 346.4 | 100.0 | 18.73 | 5.62 | 80.94 | 51.61 | (0.00) | (42.32) | 0.64 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 10.94 | | | 0.28 | |
| | Y8 | | | 3.46 | 370.4 | 106.9 | 18.73 | 4.92 | 70.78 | 53.27 | (0.00) | (42.32) | 0.75 | OK |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.70 | 38.93 | 3.42 | | | 0.09 | |
| | Y8 | | | 3.46 | 370.4 | 106.9 | 14.99 | 3.93 | 56.63 | 3.54 | (0.12) | (0.00) | 0.06 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 8.99 | | | 0.27 | |
| | Y9 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 51.76 | (0.00) | (42.78) | 0.87 | OK |
| | 又X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 2.08 | | | 0.06 | |
| | Y9 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 23.47 | (0.00) | (21.39) | 0.39 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.27 | 32.72 | 5.32 | | | 0.16 | |
| | Y9 | | | 3.46 | 404.0 | 116.6 | 18.73 | 4.13 | 59.50 | 18.15 | (0.00) | (12.83) | 0.31 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 5.38 | | | 0.16 | |
| | Y9 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 48.15 | (0.00) | (42.78) | 0.81 | OK |
| | 又X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 2.55 | | | 0.08 | |
| | Y9 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 23.94 | (0.00) | (21.39) | 0.40 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 1.70 | | | 0.05 | |
| | Y9 | | | 3.46 | 403.5 | 116.5 | 18.73 | 4.14 | 59.65 | 23.09 | (0.00) | (21.39) | 0.39 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 0.04 | | | 0.00 | |
| | 又Y9 | | | 3.46 | 403.5 | 116.5 | 14.99 | 3.31 | 47.72 | 0.06 | (0.02) | (0.00) | 0.00 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | | 10.30 | 2.28 | 32.81 | 0.03 | | | 0.00 | |
| | | | | 3.46 | 403.5 | 116.5 | 14.99 | 3.31 | 47.72 | 0.04 | (0.02) | (0.00) | 0.00 | OK |

(3) めり込みの検討

［めり込み許容応力度の割増し係数］

＜土台＞長期：1.36 短期積雪：1.25 短期水平：1.00 長期積雪：1.05 ＜梁＞長期：1.00 短期積雪：1.00 短期水平：1.00 長期積雪：1.00

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 2 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.39 | | | — | — | 0.05 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.89 | (0.00) | (7.50) | — | — | 0.19 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.78 | | | — | — | 0.07 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.98 | (0.00) | (9.20) | — | — | 0.23 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.42 | | | — | — | 0.29 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 21.30 | (0.00) | (13.88) | — | — | 0.45 | OK |
| | 又X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 8.84 | | | — | — | 0.34 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 11.80 | (2.96) | (0.00) | — | — | 0.31 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.61 | | | — | — | 0.18 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 17.10 | (0.00) | (12.49) | — | — | 0.36 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.78 | | | — | — | 0.07 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 9.07 | (0.00) | (7.29) | — | — | 0.19 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.42 | | | — | — | 0.29 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.62 | (0.00) | (5.21) | — | — | 0.27 | OK |
| | 又X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 8.04 | | | — | — | 0.31 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 10.76 | (2.72) | (0.00) | — | — | 0.29 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.60 | | | — | — | 0.22 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 14.28 | (0.00) | (8.68) | — | — | 0.30 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.70 | | | — | — | 0.10 | |
| | Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.03 | (0.00) | (8.33) | — | — | 0.23 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 1.76 | 20.72 | 0.21 | | | — | — | 0.01 | |
| | 又Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 2.56 | 30.14 | 0.21 | (0.00) | (0.00) | — | — | 0.01 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 2 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.93 | | | — | — | 0.07 | |
| | 又Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.60 | (0.00) | (8.68) | — | — | 0.23 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.02 | | | — | — | 0.08 | |
| | 又Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 7.23 | (0.00) | (5.21) | — | — | 0.15 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.24 | | | — | — | 0.05 | |
| | 又Y1 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 5.93 | (0.00) | (4.68) | — | — | 0.13 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.22 | | | — | — | 0.05 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.22 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.33 | | | — | — | 0.09 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 5.46 | (0.00) | (3.12) | — | — | 0.12 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.03 | | | — | — | 0.12 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.14 | (0.00) | (5.11) | — | — | 0.17 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.90 | | | — | — | 0.07 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.58 | (0.00) | (8.68) | — | — | 0.22 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.26 | | | — | — | 0.20 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 9.95 | (0.00) | (4.68) | — | — | 0.21 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.33 | | | — | — | 0.13 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 15.38 | (0.00) | (12.05) | — | — | 0.33 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.30 | | | — | — | 0.13 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.97 | (0.00) | (8.68) | — | — | 0.25 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.36 | | | — | — | 0.09 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.03 | (0.00) | (8.68) | — | — | 0.23 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 8.29 | | | — | — | 0.32 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.45 | (0.00) | (4.16) | — | — | 0.26 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.65 | | | — | — | 0.14 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 15.69 | (0.00) | (12.05) | — | — | 0.33 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.51 | | | — | — | 0.14 | |
| | Y2 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 4.51 | (1.00) | (0.00) | — | — | 0.12 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.03 | | | — | — | 0.16 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.97 | (0.00) | (6.94) | — | — | 0.23 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.28 | | | — | — | 0.13 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 6.75 | (0.00) | (3.47) | — | — | 0.14 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.91 | | | — | — | 0.15 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.58 | (0.00) | (8.68) | — | — | 0.27 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.53 | | | — | — | 0.10 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.21 | (0.00) | (8.68) | — | — | 0.24 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.19 | | | — | — | 0.12 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 7.35 | (0.00) | (4.16) | — | — | 0.16 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.42 | | | — | — | 0.17 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.63 | (0.00) | (7.22) | — | — | 0.25 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.72 | | | — | — | 0.18 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 13.39 | (0.00) | (8.68) | — | — | 0.28 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.32 | | | — | — | 0.13 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.00 | (0.00) | (8.68) | — | — | 0.25 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.48 | | | — | — | 0.17 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 6.09 | (1.62) | (0.00) | — | — | 0.16 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.20 | | | — | — | 0.12 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.41 | (0.00) | (5.21) | — | — | 0.18 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.31 | | | — | — | 0.21 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 7.48 | (2.17) | (0.00) | — | — | 0.20 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 2 | 又X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.75 | | | — | — | 0.30 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 21.64 | (0.00) | (13.88) | — | — | 0.46 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.20 | | | — | — | 0.28 | |
| | Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 10.10 | (2.90) | (0.00) | — | — | 0.27 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.40 | | | — | — | 0.13 | |
| | 又Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 15.45 | (0.00) | (12.05) | — | — | 0.33 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.81 | | | — | — | 0.15 | |
| | 又Y3 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 4.16 | (0.35) | (0.00) | — | — | 0.11 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.17 | | | — | — | 0.16 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.33 | (0.00) | (4.16) | — | — | 0.18 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.96 | | | — | — | 0.04 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 0.96 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.30 | | | — | — | 0.13 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 4.42 | (1.13) | (0.00) | — | — | 0.12 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 10.54 | | | — | — | 0.41 | |
| | Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 15.74 | (0.00) | (5.21) | — | — | 0.33 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.59 | | | — | — | 0.18 | |
| | Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 5.01 | (0.42) | (0.00) | — | — | 0.13 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 1.76 | 20.72 | 6.74 | | | — | — | 0.33 | |
| | Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 2.56 | 30.14 | 8.26 | (1.52) | (0.00) | — | — | 0.27 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 1.76 | 20.72 | 2.07 | | | — | — | 0.10 | |
| | Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 2.56 | 30.14 | 2.07 | (0.00) | (0.00) | — | — | 0.07 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 6.30 | | | — | — | 0.24 | |
| | 又Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 18.30 | (0.00) | (12.01) | — | — | 0.39 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.53 | | | — | — | 0.02 | |
| | 又Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 0.53 | (0.00) | (0.00) | — | — | 0.01 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.42 | | | — | — | 0.17 | |
| | 又Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 5.66 | (1.24) | (0.00) | — | — | 0.15 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.51 | | | — | — | 0.10 | |
| | 又Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.51 | (0.00) | (0.00) | — | — | 0.07 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.15 | | | — | — | 0.16 | |
| | 又Y4 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 4.15 | (0.00) | (0.00) | — | — | 0.11 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.17 | | | — | — | 0.28 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 14.11 | (0.00) | (6.94) | — | — | 0.30 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.22 | | | — | — | 0.05 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.22 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.34 | | | — | — | 0.28 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 16.01 | (0.00) | (8.68) | — | — | 0.34 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.38 | | | — | — | 0.05 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 18.73 | (0.00) | (17.35) | — | — | 0.40 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.74 | | | — | — | 0.30 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 16.42 | (0.00) | (8.68) | — | — | 0.35 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.05 | | | — | — | 0.08 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.05 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.05 | | | — | — | 0.08 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.05 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 6.16 | | | — | — | 0.24 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 17.46 | (0.00) | (11.29) | — | — | 0.37 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.51 | | | — | — | 0.14 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 4.79 | (1.27) | (0.00) | — | — | 0.13 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 6.06 | | | — | — | 0.23 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 7.17 | (1.11) | (0.00) | — | — | 0.19 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 8.44 | | | — | — | 0.33 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.68 | (0.00) | (4.24) | — | — | 0.27 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 2 | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.98 | | | — | — | 0.15 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.51 | (0.00) | (7.53) | — | — | 0.24 | OK |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.75 | | | — | — | 0.11 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 3.57 | (0.83) | (0.00) | — | — | 0.09 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.78 | | | — | — | 0.18 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.31 | (0.00) | (7.53) | — | — | 0.26 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.28 | | | — | — | 0.09 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.28 | (0.00) | (0.00) | — | — | 0.06 | OK |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.66 | | | — | — | 0.06 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 7.88 | (0.00) | (6.22) | — | — | 0.17 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.82 | | | — | — | 0.03 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 18.17 | (0.00) | (17.35) | — | — | 0.39 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.28 | | | — | — | 0.28 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.51 | (0.00) | (4.23) | — | — | 0.24 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.55 | | | — | — | 0.29 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 18.84 | (0.00) | (11.29) | — | — | 0.40 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.39 | | | — | — | 0.29 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 7.86 | (0.48) | (0.00) | — | — | 0.21 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.11 | | | — | — | 0.12 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 3.11 | (0.00) | (0.00) | — | — | 0.08 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.31 | | | — | — | 0.20 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 13.98 | (0.00) | (8.68) | — | — | 0.30 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.15 | | | — | — | 0.04 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.15 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.73 | | | — | — | 0.22 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 18.75 | (0.00) | (13.01) | — | — | 0.40 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.05 | | | — | — | 0.08 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.05 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.18 | | | — | — | 0.12 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.71 | (0.00) | (7.53) | — | — | 0.23 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.49 | | | — | — | 0.13 | |
| | Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 7.44 | (0.00) | (3.95) | — | — | 0.16 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.26 | | | — | — | 0.16 | |
| | Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.22 | (0.00) | (3.95) | — | — | 0.17 | OK |
| | X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.58 | | | — | — | 0.10 | |
| | Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.75 | (0.00) | (10.16) | — | — | 0.27 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.89 | | | — | — | 0.23 | |
| | Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 7.40 | (1.51) | (0.00) | — | — | 0.20 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.96 | | | — | — | 0.08 | |
| | Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.96 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 7.04 | | | — | — | 0.27 | |
| | Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 8.53 | (1.48) | (0.00) | — | — | 0.23 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.51 | | | — | — | 0.17 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.04 | (0.00) | (7.53) | — | — | 0.26 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.21 | | | — | — | 0.16 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.74 | (0.00) | (7.53) | — | — | 0.25 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.90 | | | — | — | 0.15 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.41 | (0.00) | (4.51) | — | — | 0.18 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.41 | | | — | — | 0.05 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 5.75 | (0.00) | (4.34) | — | — | 0.12 | OK |
| | X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.65 | | | — | — | 0.10 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 5.84 | (0.00) | (3.19) | — | — | 0.12 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 11.30 | | | — | — | 0.44 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 15.49 | (4.19) | (0.00) | — | — | 0.41 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.03 | | | — | — | 0.04 | |
| | 又Y5 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.03 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 6.85 | | | — | — | 0.26 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 7.45 | (0.60) | (0.00) | — | — | 0.20 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 2 | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.98 | | | — | — | 0.15 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 3.98 | (0.00) | (0.00) | — | — | 0.11 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 10.00 | | | — | — | 0.39 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 11.74 | (1.74) | (0.00) | — | — | 0.31 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 9.50 | | | — | — | 0.37 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 9.81 | (0.32) | (0.00) | — | — | 0.26 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.08 | | | — | — | 0.04 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.08 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.03 | | | — | — | 0.12 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 14.90 | (0.00) | (11.87) | — | — | 0.32 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.96 | | | — | — | 0.15 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 11.49 | (0.00) | (7.53) | — | — | 0.24 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 6.81 | | | — | — | 0.26 | |
| | | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 20.92 | (0.00) | (14.11) | — | — | 0.44 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.42 | | | — | — | 0.09 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 5.02 | (0.00) | (2.60) | — | — | 0.11 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 1.76 | 20.72 | 0.72 | | | — | — | 0.03 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 2.56 | 30.14 | 0.72 | (0.00) | (0.00) | — | — | 0.02 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.88 | | | — | — | 0.07 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 9.41 | (0.00) | (7.53) | — | — | 0.20 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.96 | | | — | — | 0.11 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 3.89 | (0.93) | (0.00) | — | — | 0.10 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 11.64 | | | — | — | 0.45 | |
| | Y6 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 14.46 | (0.00) | (2.82) | — | — | 0.31 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 11.48 | | | — | — | 0.44 | |
| | Y6 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 25.59 | (0.00) | (14.11) | — | — | 0.54 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 8.74 | | | — | — | 0.34 | |
| | Y6 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 11.24 | (2.50) | (0.00) | — | — | 0.30 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 13.21 | | | — | — | 0.51 | |
| | Y6 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 27.32 | (0.00) | (14.11) | — | — | 0.58 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.39 | | | — | — | 0.09 | |
| | 又Y6 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.78 | (0.38) | (0.00) | — | — | 0.07 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.70 | | | — | — | 0.07 | |
| | 又Y6 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.21 | (0.52) | (0.00) | — | — | 0.06 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 2.07 | | | — | — | 0.08 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 2.91 | (0.84) | (0.00) | — | — | 0.08 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.25 | | | — | — | 0.13 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 15.30 | (0.00) | (12.05) | — | — | 0.32 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 15.98 | | | — | — | 0.62 | |
| | Y7 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 27.27 | (0.00) | (11.29) | — | — | 0.58 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 14.15 | | | — | — | 0.55 | |
| | Y7 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 19.09 | (0.00) | (4.94) | — | — | 0.41 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.55 | | | — | — | 0.06 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.49 | (0.00) | (6.94) | — | — | 0.18 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.03 | | | — | — | 0.04 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 1.03 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.62 | | | — | — | 0.02 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 0.62 | (0.00) | (0.00) | — | — | 0.02 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.56 | | | — | — | 0.06 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.85 | (0.00) | (11.29) | — | — | 0.27 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 0.00 | | | — | — | 0.00 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 0.00 | (0.00) | (0.00) | — | — | 0.00 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.74 | | | — | — | 0.07 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 7.29 | (0.00) | (5.55) | — | — | 0.15 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.32 | | | — | — | 0.05 | |
| | 又 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 3.65 | (0.00) | (2.33) | — | — | 0.08 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 1.88 | | | — | — | 0.07 | |
| | Y8 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 8.66 | (0.00) | (6.78) | — | — | 0.18 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 2 | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.25 | | | — | — | 0.20 | |
| | Y8 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.31 | (0.00) | (7.06) | — | — | 0.26 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 8.46 | | | — | — | 0.33 | |
| | Y8 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 3.20 | 3.20 | 37.68 | 10.72 | (2.26) | (0.00) | — | — | 0.28 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 5.11 | | | — | — | 0.20 | |
| | Y8 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.31 | (0.00) | (5.21) | — | — | 0.22 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 4.83 | | | — | — | 0.19 | |
| | Y8 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 10.04 | (0.00) | (5.21) | — | — | 0.21 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.20 | 2.20 | 25.91 | 3.99 | | | — | — | 0.15 | |
| | Y8 | 梁 | 欧州赤松集成材 | 26.25 | | 117.8 | 4.00 | 4.00 | 47.10 | 12.66 | (0.00) | (8.68) | — | — | 0.27 | OK |
| 1 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 5.64 | | | — | — | 0.15 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 34.68 | (0.00) | (29.04) | — | — | 0.71 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.67 | | | — | — | 0.08 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 21.82 | (0.00) | (18.15) | — | — | 0.36 | OK |
| | 又X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.78 | | | — | — | 0.10 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 5.87 | (1.09) | (0.00) | — | — | 0.10 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 2.57 | | | — | — | 0.06 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 3.15 | (0.58) | (0.00) | — | — | 0.05 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.89 | | | — | — | 0.19 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 16.71 | (0.00) | (7.82) | — | — | 0.27 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.96 | | | — | — | 0.20 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 21.67 | (0.00) | (12.71) | — | — | 0.35 | OK |
| | 又X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 18.24 | | | — | — | 0.40 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 34.48 | (0.00) | (16.23) | — | — | 0.56 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 22.97 | | | — | — | 0.63 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 27.88 | (0.00) | (4.91) | — | — | 0.57 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 17.85 | | | — | — | 0.39 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 19.63 | (1.78) | (0.00) | — | — | 0.32 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 16.84 | | | — | — | 0.46 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 31.36 | (0.00) | (14.52) | — | — | 0.64 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 12.84 | | | — | — | 0.28 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 14.34 | (0.00) | (1.50) | — | — | 0.23 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.36 | | | — | — | 0.18 | |
| | Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 11.89 | (0.00) | (3.53) | — | — | 0.19 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 7.25 | | | — | — | 0.16 | |
| | 又Y0 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 12.79 | (0.00) | (5.53) | — | — | 0.21 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 0.52 | | | — | — | 0.01 | |
| | 又Y0 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 0.52 | (0.00) | (0.00) | — | — | 0.01 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 6.23 | | | — | — | 0.14 | |
| | Y1 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 20.75 | (0.00) | (14.52) | — | — | 0.34 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 22.06 | | | — | — | 0.48 | |
| | 又Y1 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 30.73 | (0.00) | (8.68) | — | — | 0.50 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 24.40 | | | — | — | 0.53 | |
| | 又Y1 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 42.55 | (0.00) | (18.15) | — | — | 0.69 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 2.01 | | | — | — | 0.04 | |
| | 又Y1 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 14.50 | (0.00) | (12.49) | — | — | 0.24 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 5.57 | | | — | — | 0.15 | |
| | 又Y1 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 10.78 | (0.00) | (5.21) | — | — | 0.22 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.68 | | | — | — | 0.12 | |
| | 又Y1 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 18.17 | (0.00) | (12.49) | — | — | 0.30 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 15.57 | | | — | — | 0.42 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 26.41 | (0.00) | (10.84) | — | — | 0.54 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 6.44 | | | — | — | 0.14 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 6.75 | (0.31) | (0.00) | — | — | 0.11 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 6.17 | | | — | — | 0.17 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 18.78 | (0.00) | (12.60) | — | — | 0.38 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 16.46 | | | — | — | 0.36 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 16.86 | (0.40) | (0.00) | — | — | 0.28 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 1 | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 17.39 | | | — | — | 0.38 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 17.39 | (0.00) | (0.00) | — | — | 0.28 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 7.64 | | | — | — | 0.17 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 20.13 | (0.00) | (12.49) | — | — | 0.33 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 17.39 | | | — | — | 0.38 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.09 | (0.00) | (1.69) | — | — | 0.31 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 27.98 | | | — | — | 0.61 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 57.13 | (0.00) | (29.15) | — | — | 0.93 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 19.91 | | | — | — | 0.43 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 46.74 | (0.00) | (26.83) | — | — | 0.76 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.17 | | | — | — | 0.33 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 33.32 | (0.00) | (18.15) | — | — | 0.54 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 17.95 | | | — | — | 0.49 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 42.60 | (0.00) | (24.65) | — | — | 0.87 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 27.17 | | | — | — | 0.59 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 27.85 | (0.68) | (0.00) | — | — | 0.45 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 25.02 | | | — | — | 0.55 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 39.89 | (0.00) | (14.87) | — | — | 0.65 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 22.04 | | | — | — | 0.48 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 35.65 | (0.00) | (13.61) | — | — | 0.58 | OK |
| | 又X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 21.71 | | | — | — | 0.47 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 36.24 | (0.00) | (14.53) | — | — | 0.59 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 26.60 | | | — | — | 0.58 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 28.89 | (0.00) | (2.29) | — | — | 0.47 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 22.13 | | | — | — | 0.60 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 40.28 | (0.00) | (18.15) | — | — | 0.82 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.59 | | | — | — | 0.23 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 10.83 | (0.24) | (0.00) | — | — | 0.18 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.83 | | | — | — | 0.30 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.29 | (0.00) | (18.46) | — | — | 0.53 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.42 | | | — | — | 0.34 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.79 | (0.00) | (17.37) | — | — | 0.54 | OK |
| | 又X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.75 | | | — | — | 0.13 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 5.75 | (0.00) | (0.00) | — | — | 0.09 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 30.49 | | | — | — | 0.67 | |
| | Y2 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 47.22 | (0.00) | (16.73) | — | — | 0.77 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.75 | | | — | — | 0.23 | |
| | 又Y2 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 10.75 | (0.00) | (0.00) | — | — | 0.18 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.07 | | | — | — | 0.07 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 21.22 | (0.00) | (18.15) | — | — | 0.35 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.76 | | | — | — | 0.23 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 17.70 | (0.00) | (6.94) | — | — | 0.29 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.70 | | | — | — | 0.10 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 22.85 | (0.00) | (18.15) | — | — | 0.37 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 2.08 | | | — | — | 0.06 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 4.16 | 48.98 | 2.63 | (0.55) | (0.00) | — | — | 0.05 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.48 | | | — | — | 0.34 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.00 | (0.00) | (3.52) | — | — | 0.31 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 14.23 | | | — | — | 0.31 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 18.59 | (0.00) | (4.36) | — | — | 0.30 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.42 | | | — | — | 0.34 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 15.42 | (0.00) | (0.00) | — | — | 0.25 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 20.52 | | | — | — | 0.45 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 38.27 | (0.00) | (17.75) | — | — | 0.63 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 3.02 | | | — | — | 0.08 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 10.28 | (0.00) | (7.26) | — | — | 0.21 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 0.82 | | | — | — | 0.02 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 0.84 | (0.02) | (0.00) | — | — | 0.01 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 1 | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.87 | | | — | — | 0.19 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 23.02 | (0.00) | (14.15) | — | — | 0.38 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 21.83 | | | — | — | 0.48 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 41.65 | (0.00) | (19.82) | — | — | 0.68 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 17.80 | | | — | — | 0.39 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 41.15 | (0.00) | (23.35) | — | — | 0.67 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.00 | | | — | — | 0.09 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 4.00 | (0.00) | (0.00) | — | — | 0.07 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.02 | | | — | — | 0.33 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 28.81 | (0.00) | (13.79) | — | — | 0.47 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 25.20 | | | — | — | 0.55 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 43.35 | (0.00) | (18.15) | — | — | 0.71 | OK |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 7.66 | | | — | — | 0.17 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 22.18 | (0.00) | (14.52) | — | — | 0.36 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.25 | | | — | — | 0.20 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 10.48 | (0.00) | (1.23) | — | — | 0.17 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.29 | | | — | — | 0.09 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 5.95 | (0.00) | (1.67) | — | — | 0.10 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 20.33 | | | — | — | 0.44 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 47.16 | (0.00) | (26.83) | — | — | 0.77 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.74 | | | — | — | 0.34 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 20.95 | (0.00) | (5.21) | — | — | 0.34 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.80 | | | — | — | 0.30 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 15.43 | (1.63) | (0.00) | — | — | 0.25 | OK |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 18.34 | | | — | — | 0.40 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 49.37 | (0.00) | (31.03) | — | — | 0.81 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 24.71 | | | — | — | 0.54 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 42.86 | (0.00) | (18.15) | — | — | 0.70 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 16.34 | | | — | — | 0.36 | |
| | Y3 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 18.52 | (2.18) | (0.00) | — | — | 0.30 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×18.0 | 216.0 | 189.8 | 2.86 | 3.89 | 73.81 | 41.86 | | | — | — | 0.57 | |
| | Y3 | 土台 | 檜 | 26.25 | | 189.8 | 5.20 | 5.20 | 98.67 | 47.07 | (0.00) | (5.21) | — | — | 0.48 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 2.21 | | | — | — | 0.06 | |
| | 又Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 9.47 | (0.00) | (7.26) | — | — | 0.19 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 6.99 | | | — | — | 0.19 | |
| | 又Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 19.03 | (0.00) | (12.05) | — | — | 0.39 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.63 | | | — | — | 0.12 | |
| | 又Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 22.94 | (0.00) | (17.31) | — | — | 0.37 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.49 | | | — | — | 0.08 | |
| | 又Y3 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 11.04 | (0.00) | (7.55) | — | — | 0.18 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 11.48 | | | — | — | 0.25 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.36 | (0.00) | (7.88) | — | — | 0.32 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.44 | | | — | — | 0.23 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.53 | (0.00) | (22.10) | — | — | 0.53 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.94 | | | — | — | 0.30 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.09 | (0.00) | (18.15) | — | — | 0.52 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 7.45 | | | — | — | 0.16 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 7.45 | (0.00) | (0.00) | — | — | 0.12 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 12.35 | | | — | — | 0.27 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 40.32 | (0.00) | (27.97) | — | — | 0.66 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.14 | | | — | — | 0.33 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 23.01 | (0.00) | (7.88) | — | — | 0.38 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 18.40 | | | — | — | 0.40 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.92 | (0.00) | (14.52) | — | — | 0.54 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 23.96 | | | — | — | 0.52 | |
| | Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 36.53 | (0.00) | (12.57) | — | — | 0.60 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.09 | | | — | — | 0.09 | |
| | Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 8.63 | (0.00) | (4.54) | — | — | 0.14 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 1 | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.65 | | | — | — | 0.19 | |
| | Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 14.09 | (0.00) | (5.44) | — | — | 0.23 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 29.05 | | | — | — | 0.63 | |
| | Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 40.83 | (0.00) | (11.78) | — | — | 0.67 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 18.0×18.0 | 324.0 | 297.8 | 2.86 | 3.89 | 115.81 | 109.69 | | | — | — | 0.95 | |
| | Y4 | 土台 | 檜 | 26.25 | | 297.8 | 5.20 | 5.20 | 154.83 | 113.92 | (0.00) | (4.23) | — | — | 0.74 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.55 | | | — | — | 0.34 | |
| | 又Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 44.70 | (0.00) | (29.15) | — | — | 0.73 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 18.94 | | | — | — | 0.52 | |
| | 又Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 31.28 | (0.00) | (12.35) | — | — | 0.64 | OK |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.59 | | | — | — | 0.21 | |
| | 又Y4 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 9.59 | (0.00) | (0.00) | — | — | 0.16 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.45 | | | — | — | 0.10 | |
| | 又Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 24.62 | (0.00) | (20.18) | — | — | 0.40 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 10.14 | | | — | — | 0.28 | |
| | 又Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 22.74 | (0.00) | (12.60) | — | — | 0.46 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 26.65 | | | — | — | 0.58 | |
| | 又Y4 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 40.13 | (0.00) | (13.48) | — | — | 0.66 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 18.90 | | | — | — | 0.41 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 36.27 | (0.00) | (17.37) | — | — | 0.59 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 37.60 | | | — | — | 0.82 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 46.68 | (0.00) | (9.07) | — | — | 0.76 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 11.66 | | | — | — | 0.25 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 20.34 | (0.00) | (8.68) | — | — | 0.33 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.76 | | | — | — | 0.30 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 40.18 | (0.00) | (26.43) | — | — | 0.66 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 14.15 | | | — | — | 0.31 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 22.83 | (0.00) | (8.68) | — | — | 0.37 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 19.28 | | | — | — | 0.42 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 20.78 | (0.00) | (1.50) | — | — | 0.34 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 15.0×24.0 | 360.0 | 333.8 | 2.86 | 3.89 | 129.82 | 89.44 | | | — | — | 0.69 | |
| | 又 | 土台 | 檜 | 26.25 | | 333.8 | 5.20 | 5.20 | 173.55 | 104.97 | (0.00) | (15.53) | — | — | 0.60 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 14.88 | | | — | — | 0.32 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 14.88 | (0.00) | (0.00) | — | — | 0.24 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.15 | | | — | — | 0.07 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 3.15 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 27.35 | | | — | — | 0.60 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 39.69 | (0.00) | (12.35) | — | — | 0.65 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 2.41 | | | — | — | 0.05 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 2.41 | (0.00) | (0.00) | — | — | 0.04 | OK |
| | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.45 | | | — | — | 0.10 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 9.60 | (0.00) | (5.15) | — | — | 0.16 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 15.04 | | | — | — | 0.41 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 34.39 | (0.00) | (19.35) | — | — | 0.70 | OK |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.64 | | | — | — | 0.19 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 21.25 | (0.00) | (12.60) | — | — | 0.35 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 22.36 | | | — | — | 0.49 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 29.62 | (0.00) | (7.26) | — | — | 0.48 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 12.09 | | | — | — | 0.26 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.05 | (0.00) | (6.96) | — | — | 0.31 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.69 | | | — | — | 0.23 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 13.78 | (0.00) | (3.09) | — | — | 0.23 | OK |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.97 | | | — | — | 0.09 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 10.80 | (0.00) | (6.83) | — | — | 0.18 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.47 | | | — | — | 0.29 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 22.54 | (0.00) | (9.07) | — | — | 0.37 | OK |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.92 | | | — | — | 0.22 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 28.07 | (0.00) | (18.15) | — | — | 0.46 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 1 | X8 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.35 | | | — | — | 0.23 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 31.63 | (0.00) | (21.28) | — | — | 0.52 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.91 | | | — | — | 0.30 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 26.92 | (0.00) | (13.01) | — | — | 0.44 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 1.65 | | | — | — | 0.04 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 1.65 | (0.00) | (0.00) | — | — | 0.03 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.75 | | | — | — | 0.19 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 13.95 | (0.00) | (5.20) | — | — | 0.23 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 9.50 | | | — | — | 0.26 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 16.00 | (0.00) | (6.50) | — | — | 0.33 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.14 | | | — | — | 0.07 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 3.14 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 14.89 | | | — | — | 0.33 | |
| | Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 25.06 | (0.00) | (10.16) | — | — | 0.41 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 17.59 | | | — | — | 0.38 | |
| | Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 18.61 | (0.00) | (1.02) | — | — | 0.30 | OK |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.34 | | | — | — | 0.33 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 28.41 | (0.00) | (13.07) | — | — | 0.46 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 6.58 | | | — | — | 0.14 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 14.11 | (0.00) | (7.53) | — | — | 0.23 | OK |
| | X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 13.38 | | | — | — | 0.37 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 15.71 | (0.00) | (2.33) | — | — | 0.32 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 20.30 | | | — | — | 0.44 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 34.82 | (0.00) | (14.52) | — | — | 0.57 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.23 | | | — | — | 0.22 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 24.75 | (0.00) | (14.52) | — | — | 0.40 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 21.91 | | | — | — | 0.48 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 30.99 | (0.00) | (9.07) | — | — | 0.51 | OK |
| | 又X20 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 12.49 | | | — | — | 0.27 | |
| | 又Y5 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 25.56 | (0.00) | (13.07) | — | — | 0.42 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 6.13 | | | — | — | 0.13 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 10.67 | (0.00) | (4.54) | — | — | 0.17 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 2.67 | | | — | — | 0.06 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 2.67 | (0.00) | (0.00) | — | — | 0.04 | OK |
| | 又X19 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 24.71 | | | — | — | 0.54 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 45.93 | (0.00) | (21.22) | — | — | 0.75 | OK |
| | 又X15 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 18.16 | | | — | — | 0.40 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 28.95 | (0.00) | (10.79) | — | — | 0.47 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.46 | | | — | — | 0.10 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 4.46 | (0.00) | (0.00) | — | — | 0.07 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 15.62 | | | — | — | 0.43 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 23.08 | (0.00) | (7.47) | — | — | 0.47 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.19 | | | — | — | 0.20 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 9.19 | (0.00) | (0.00) | — | — | 0.15 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 11.60 | | | — | — | 0.25 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.68 | (0.00) | (8.08) | — | — | 0.32 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.09 | | | — | — | 0.22 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 13.51 | (0.00) | (3.41) | — | — | 0.22 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.64 | | | — | — | 0.23 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.71 | (0.00) | (9.07) | — | — | 0.32 | OK |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 15.66 | | | — | — | 0.43 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 23.05 | (0.00) | (7.39) | — | — | 0.47 | OK |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.31 | | | — | — | 0.18 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.12 | (0.00) | (10.82) | — | — | 0.31 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 17.03 | | | — | — | 0.37 | |
| | Y6 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 18.42 | (1.40) | (0.00) | — | — | 0.30 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.19 | | | — | — | 0.20 | |
| | Y6 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 9.19 | (0.00) | (0.00) | — | — | 0.15 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 1 | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 13.05 | | | — | — | 0.28 | |
| | 又Y6 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 23.87 | (0.00) | (10.82) | — | — | 0.39 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 20.02 | | | — | — | 0.44 | |
| | 又Y6 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.50 | (0.00) | (12.49) | — | — | 0.53 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.88 | | | — | — | 0.22 | |
| | 又Y6 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 9.88 | (0.00) | (0.00) | — | — | 0.16 | OK |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.78 | | | — | — | 0.34 | |
| | 又Y6 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 39.28 | (0.00) | (23.50) | — | — | 0.64 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 14.58 | | | — | — | 0.32 | |
| | 又Y6 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 22.45 | (0.00) | (7.88) | — | — | 0.37 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.23 | | | — | — | 0.33 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 19.77 | (0.00) | (4.54) | — | — | 0.32 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.58 | | | — | — | 0.23 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 10.58 | (0.00) | (0.00) | — | — | 0.17 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 15.0×21.0 | 315.0 | 288.8 | 2.86 | 3.89 | 112.31 | 70.22 | | | — | — | 0.63 | |
| | 又 | 土台 | 檜 | 26.25 | | 288.8 | 5.20 | 5.20 | 150.15 | 77.78 | (0.00) | (7.56) | — | — | 0.52 | OK |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 7.09 | | | — | — | 0.19 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 19.14 | (0.00) | (12.05) | — | — | 0.39 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 1.42 | | | — | — | 0.03 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 1.42 | (0.00) | (0.00) | — | — | 0.02 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×18.0 | 216.0 | 189.8 | 2.86 | 3.89 | 73.81 | 19.55 | | | — | — | 0.26 | |
| | Y7 | 土台 | 檜 | 26.25 | | 189.8 | 5.20 | 5.20 | 98.67 | 35.55 | (0.00) | (16.00) | — | — | 0.36 | OK |
| | X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 7.68 | | | — | — | 0.17 | |
| | Y7 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 23.72 | (0.00) | (16.04) | — | — | 0.39 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.93 | | | — | — | 0.13 | |
| | Y7 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 12.34 | (0.00) | (6.42) | — | — | 0.20 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×18.0 | 216.0 | 189.8 | 2.86 | 3.89 | 73.81 | 34.22 | | | — | — | 0.46 | |
| | Y7 | 土台 | 檜 | 26.25 | | 189.8 | 5.20 | 5.20 | 98.67 | 45.51 | (0.00) | (11.29) | — | — | 0.46 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.52 | | | — | — | 0.12 | |
| | Y7 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 11.94 | (0.00) | (6.42) | — | — | 0.19 | OK |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 1.80 | | | — | — | 0.04 | |
| | 又Y7 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 5.87 | (0.00) | (4.07) | — | — | 0.10 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 11.28 | | | — | — | 0.25 | |
| | 又Y7 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 11.28 | (0.00) | (0.00) | — | — | 0.18 | OK |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 14.61 | | | — | — | 0.32 | |
| | 又Y7 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 26.37 | (0.00) | (11.76) | — | — | 0.43 | OK |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.72 | | | — | — | 0.10 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 11.66 | (0.00) | (6.94) | — | — | 0.19 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 16.27 | | | — | — | 0.36 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 27.56 | (0.00) | (11.29) | — | — | 0.45 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 39.26 | | | — | — | 0.86 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 51.74 | (0.00) | (12.49) | — | — | 0.85 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 12.53 | | | — | — | 0.27 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 18.19 | (0.00) | (5.66) | — | — | 0.30 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.29 | | | — | — | 0.12 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 21.37 | (0.00) | (16.09) | — | — | 0.35 | OK |
| | 又X10 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 4.00 | | | — | — | 0.09 | |
| | 又 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 16.61 | (0.00) | (12.60) | — | — | 0.27 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 27.40 | | | — | — | 0.60 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 29.11 | (0.00) | (1.72) | — | — | 0.48 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 5.14 | | | — | — | 0.14 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 4.16 | 48.98 | 23.29 | (0.00) | (18.15) | — | — | 0.48 | OK |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 16.24 | | | — | — | 0.35 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 24.92 | (0.00) | (8.68) | — | — | 0.41 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.30 | | | — | — | 0.07 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 3.30 | (0.00) | (0.00) | — | — | 0.05 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 11.66 | | | — | — | 0.25 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 35.02 | (0.00) | (23.35) | — | — | 0.57 | OK |

| 階 | 符号 | 部材 | 材種 | B×D | A | Ae | fm | fm' | Va | NL | | | σ | sfb | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 受材 | | ほぞ | 間柱A | | | | | Ns | (Nsn) | (Nh') | | | | |
| 1 | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 11.68 | | | — | — | 0.25 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 35.03 | (0.00) | (23.35) | — | — | 0.57 | OK |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 3.77 | | | — | — | 0.08 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 5.20 | 61.23 | 3.77 | (0.00) | (0.00) | — | — | 0.06 | OK |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 15.58 | | | — | — | 0.34 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 42.41 | (0.00) | (26.83) | — | — | 0.69 | OK |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 9.29 | | | — | — | 0.20 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 30.45 | (0.00) | (21.16) | — | — | 0.50 | OK |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 10.94 | | | — | — | 0.24 | |
| | Y8 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 32.11 | (0.00) | (21.16) | — | — | 0.52 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 8.99 | | | — | — | 0.20 | |
| | Y9 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 43.21 | (0.00) | (34.22) | — | — | 0.71 | OK |
| | 又X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 2.08 | | | — | — | 0.05 | |
| | Y9 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 12.78 | (0.00) | (10.69) | — | — | 0.21 | OK |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.32 | | | — | — | 0.12 | |
| | Y9 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 11.74 | (0.00) | (6.42) | — | — | 0.19 | OK |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 5.38 | | | — | — | 0.12 | |
| | Y9 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 26.76 | (0.00) | (21.39) | — | — | 0.44 | OK |
| | 又X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 2.55 | | | — | — | 0.06 | |
| | Y9 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 13.25 | (0.00) | (10.69) | — | — | 0.22 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.89 | 45.80 | 1.70 | | | — | — | 0.04 | |
| | Y9 | 土台 | 檜 | 26.25 | | 117.8 | 5.20 | 5.20 | 61.23 | 18.81 | (0.00) | (17.11) | — | — | 0.31 | OK |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 0.04 | | | — | — | 0.00 | |
| | 又Y9 | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 4.16 | 48.98 | 0.06 | (0.02) | (0.00) | — | — | 0.00 | OK |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 117.8 | 2.86 | 3.11 | 36.64 | 0.03 | | | — | — | 0.00 | |
| | | 土台 | 檜 | 26.25 | | 117.8 | 4.16 | 4.16 | 48.98 | 0.04 | (0.02) | (0.00) | — | — | 0.00 | OK |

(4) 短期曲げを受ける柱の検討

| 階 | 符号 | 部材 | 材種 | B×D | A | Z | fc(Ft) | fk(ft) | Nk | N | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 係数 | i | Lk | λ | Fb | fb | Ma | M | | | |
| | 位置 | | cqAw | wl^2／8 | | | | | | | | | |
| 2 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 1.39 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 0.687 | | 0.13 | OK |
| | Wy+ | 0.87×1.106×0.46 | | 0.438×3.54^2/8 | | | | | | | | | |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 1.78 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 1.146 | | 0.20 | OK |
| | Wy+ | 0.87×1.106×0.98 | | 0.941×3.12^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 7.42 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 2.213 | | 0.42 | OK |
| | Wy+ | 0.87×1.106×1.89 | | 1.818×3.12^2/8 | | | | | | | | | |
| | 又X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 8.84 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 4.120 | | 0.76 | OK |
| | Wy+ | 0.87×1.106×2.73 | | 2.629×3.54^2/8 | | | | | | | | | |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 4.61 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 2.747 | | 0.49 | OK |
| | Wy+ | 0.87×1.106×1.82 | | 1.753×3.54^2/8 | | | | | | | | | |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 1.78 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 1.146 | | 0.20 | OK |
| | Wy+ | 0.87×1.106×0.98 | | 0.941×3.12^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 7.42 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 2.213 | | 0.42 | OK |
| | Wy+ | 0.87×1.106×1.89 | | 1.818×3.12^2/8 | | | | | | | | | |
| | 又X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 8.04 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 3.675 | | 0.68 | OK |
| | Wy+ | 0.87×1.106×2.44 | | 2.345×3.54^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 5.60 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 2.055 | | 0.38 | OK |
| | Wy+ | 0.87×1.106×1.75 | | 1.688×3.12^2/8 | | | | | | | | | |

| 階 | 符号 | 部材 | 材種 | B×D | A | Z | fc(Ft) | fk(ft) | Nk | N | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 係数 | i | Lk | λ | Fb | fb | Ma | M | | | |
| | 位置 | | cqAw | wl^2／8 | | | | | | | | | |
| 2 | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 2.70 | (0.00) | | |
| | Y1 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 1.030 | | 0.20 | OK |
| | Wy＋ | 0.87×1.106×0.68 | | 0.657×3.54^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.50 | 93.63 | 1.93 | (0.00) | | |
| | 又Y1 | | 0.96 | 3.46 | 330.1 | 95.3 | 34.50 | 22.08 | 6.359 | 1.367 | | 0.24 | OK |
| | Wx＋ | 0.87×1.106×1.04 | | 1.004×3.30^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 1.24 | (0.00) | | |
| | 又Y1 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 0.956 | | 0.16 | OK |
| | Wx－ | 0.87×1.106×0.82 | | 0.785×3.12^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 2.33 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 1.067 | | 0.19 | OK |
| | Wx－ | 0.87×1.106×0.91 | | 0.876×3.12^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.50 | 93.63 | 2.61 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 330.1 | 95.3 | 34.50 | 22.08 | 6.359 | 1.492 | | 0.26 | OK |
| | Wx＋ | 0.87×1.106×1.14 | | 1.095×3.30^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 5.26 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 2.272 | | 0.41 | OK |
| | Wx－ | 0.87×1.106×1.94 | | 1.866×3.12^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.50 | 93.63 | 3.30 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 330.1 | 95.3 | 34.50 | 22.08 | 6.359 | 1.790 | | 0.32 | OK |
| | Wx＋ | 0.87×1.106×1.37 | | 1.314×3.30^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 5.01 | (0.00) | | |
| | Y2 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 2.747 | | 0.50 | OK |
| | Wx＋ | 0.87×1.106×1.82 | | 1.753×3.54^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.50 | 93.63 | 3.91 | (0.00) | | |
| | | | 0.96 | 3.46 | 330.1 | 95.3 | 34.50 | 22.08 | 6.359 | 1.790 | | 0.32 | OK |
| | Wx＋ | 0.87×1.106×1.37 | | 1.314×3.30^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.83 | 98.30 | 3.81 | (0.00) | | |
| | 又Y3 | | 0.96 | 3.46 | 324.1 | 93.6 | 34.50 | 22.08 | 6.359 | 1.438 | | 0.26 | OK |
| | Wx＋ | 0.87×1.106×1.14 | | 1.095×3.24^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 10.54 | (0.00) | | |
| | Y4 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 2.102 | | 0.47 | OK |
| | Wx＋ | 0.87×1.106×1.39 | | 1.341×3.54^2/8 | | | | | | | | | |
| | 又X21 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 4.42 | (0.00) | | |
| | 又Y4 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 2.379 | | 0.43 | OK |
| | Wx－ | 0.87×1.106×1.58 | | 1.518×3.54^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 10.40 | 149.78 | 8.31 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 258.0 | 74.5 | 34.50 | 22.08 | 6.359 | 1.094 | | 0.23 | OK |
| | Wx＋ | 0.87×1.106×1.37 | | 1.314×2.58^2/8 | | | | | | | | | |
| | 又X22 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.34 | 91.29 | 2.75 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 333.1 | 96.2 | 34.50 | 22.08 | 6.359 | 1.284 | | 0.23 | OK |
| | Wx－ | 0.87×1.106×0.96 | | 0.926×3.33^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 10.40 | 149.78 | 7.28 | (0.00) | | |
| | | | 0.96 | 3.46 | 258.0 | 74.5 | 34.50 | 22.08 | 6.359 | 0.978 | | 0.20 | OK |
| | Wx＋ | 0.87×1.106×1.22 | | 1.175×2.58^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 10.40 | 149.78 | 6.85 | (0.00) | | |
| | | | 0.96 | 3.46 | 258.0 | 74.5 | 34.50 | 22.08 | 6.359 | 0.729 | | 0.16 | OK |
| | Wx＋ | 0.87×1.106×0.91 | | 0.876×2.58^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 10.40 | 149.78 | 6.81 | (0.00) | | |
| | | | 0.96 | 3.46 | 258.0 | 74.5 | 34.50 | 22.08 | 6.359 | 0.729 | | 0.16 | OK |
| | Wx＋ | 0.87×1.106×0.91 | | 0.876×2.58^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 8.78 | 126.41 | 11.64 | (0.00) | | |
| | Y6 | | 0.96 | 3.46 | 288.0 | 83.1 | 34.50 | 22.08 | 6.359 | 1.363 | | 0.31 | OK |
| | Wx＋ | 0.87×1.106×1.37 | | 1.314×2.88^2/8 | | | | | | | | | |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.34 | 91.29 | 2.39 | (0.00) | | |
| | 又Y6 | | 0.96 | 3.46 | 333.1 | 96.2 | 34.50 | 22.08 | 6.359 | 1.379 | | 0.24 | OK |
| | Wy－ | 0.87×1.106×1.03 | | 0.994×3.33^2/8 | | | | | | | | | |

| 階 | 符号 | 部材 | 材種 | B×D | A | Z | fc(Ft) | fk(ft) | Nk | N | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 係数 | i | Lk | λ | Fb | fb | Ma | M | | | |
| | 位置 | | cqAw | wl^2／8 | | | | | | | | | |
| 2 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 10.40 | 149.78 | 11.45 | (0.00) | | |
| | Y7 | | 0.96 | 3.46 | 258.0 | 74.5 | 34.50 | 22.08 | 6.359 | 1.276 | | 0.28 | OK |
| | Wx＋ | 0.87×1.106×1.59 | | 1.534×2.58^2/8 | | | | | | | | | |
| | 又X12 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 2.92 | (0.00) | | |
| | 又Y7 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 1.720 | | 0.31 | OK |
| | Wy－ | 0.87×1.106×1.14 | | 1.098×3.54^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 10.40 | 149.78 | 1.56 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 258.0 | 74.5 | 34.50 | 22.08 | 6.359 | 0.911 | | 0.15 | OK |
| | Wx＋ | 0.87×1.106×1.14 | | 1.095×2.58^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 8.78 | 126.41 | 1.88 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 288.0 | 83.1 | 34.50 | 22.08 | 6.359 | 0.512 | | 0.10 | OK |
| | Wy－ | 0.87×1.106×0.51 | | 0.494×2.88^2/8 | | | | | | | | | |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 9.91 | 142.77 | 5.25 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 267.0 | 77.1 | 34.50 | 22.08 | 6.359 | 1.806 | | 0.32 | OK |
| | Wy－ | 0.87×1.106×2.11 | | 2.027×2.67^2/8 | | | | | | | | | |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 8.78 | 126.41 | 8.46 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 288.0 | 83.1 | 34.50 | 22.08 | 6.359 | 3.190 | | 0.57 | OK |
| | Wy－ | 0.87×1.106×3.20 | | 3.077×2.88^2/8 | | | | | | | | | |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 8.78 | 126.41 | 6.76 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 288.0 | 83.1 | 34.50 | 22.08 | 6.359 | 2.508 | | 0.45 | OK |
| | Wy－ | 0.87×1.106×2.51 | | 2.419×2.88^2/8 | | | | | | | | | |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.99 | 100.64 | 5.11 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 321.1 | 92.7 | 34.50 | 22.08 | 6.359 | 2.541 | | 0.45 | OK |
| | Wy－ | 0.87×1.106×2.05 | | 1.972×3.21^2/8 | | | | | | | | | |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.99 | 100.64 | 4.83 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 321.1 | 92.7 | 34.50 | 22.08 | 6.359 | 2.405 | | 0.43 | OK |
| | Wy－ | 0.87×1.106×1.94 | | 1.866×3.21^2/8 | | | | | | | | | |
| | X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 9.41 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 2.404 | | 0.50 | OK |
| | Wy－ | 0.87×1.106×1.59 | | 1.534×3.54^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 3.99 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 1.463 | | 0.27 | OK |
| | Wy－ | 0.87×1.106×1.25 | | 1.201×3.12^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 7.48 | 107.65 | 5.55 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 312.1 | 90.1 | 34.50 | 22.08 | 6.359 | 0.805 | | 0.18 | OK |
| | Wy－ | 0.87×1.106×0.69 | | 0.661×3.12^2/8 | | | | | | | | | |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.38 | 77.45 | 0.86 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 354.1 | 102.2 | 34.50 | 22.08 | 6.359 | 0.769 | | 0.13 | OK |
| | Wy－ | 0.87×1.106×0.51 | | 0.491×3.54^2/8 | | | | | | | | | |
| 1 | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.62 | 80.94 | 3.67 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 346.4 | 100.0 | 34.50 | 22.08 | 6.359 | 2.307 | | 0.41 | OK |
| | Wy＋ | 0.80×1.106×1.74 | | 1.538×3.46^2/8 | | | | | | | | | |
| | 又X2 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 4.78 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 3.438 | | 0.61 | OK |
| | Wy＋ | 0.80×1.106×2.27 | | 2.005×3.70^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.62 | 80.94 | 2.57 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 346.4 | 100.0 | 34.50 | 22.08 | 6.359 | 1.614 | | 0.29 | OK |
| | Wy＋ | 0.80×1.106×1.22 | | 1.076×3.46^2/8 | | | | | | | | | |
| | X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 8.89 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 0.701 | | 0.24 | OK |
| | Wy＋ | 0.80×1.106×0.46 | | 0.409×3.70^2/8 | | | | | | | | | |
| | 又X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.43 | 92.62 | 20.26 | (2.02) | | |
| | Y0 | | 0.96 | 3.46 | 331.4 | 95.7 | 34.50 | 22.08 | 6.359 | 1.657 | | 0.48 | OK |
| | Wy＋ | 0.80×1.106×1.37 | | 1.207×3.31^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.43 | 92.62 | 23.25 | (0.28) | | |
| | Y0 | | 0.96 | 3.46 | 331.4 | 95.7 | 34.50 | 22.08 | 6.359 | 2.209 | | 0.60 | OK |
| | Wy＋ | 0.80×1.106×1.82 | | 1.609×3.31^2/8 | | | | | | | | | |

| 階 | 符号 | 部材 | 材種 | B×D | A | Z | fc(Ft) | fk(ft) | Nk | N | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 係数 | i | Lk | λ | Fb | fb | Ma | M | | | |
| | 位置 | | cqAw | wl^2／8 | | | | | | | | | |
| 1 | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 17.85 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 2.414 | | 0.63 | OK |
| | Wy＋ | 0.80×1.106×1.59 | | 1.408×3.70^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 16.84 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.531 | | 0.42 | OK |
| | Wy＋ | 0.80×1.106×1.29 | | 1.136×3.28^2/8 | | | | | | | | | |
| | 又X7 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 12.84 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.260 | | 0.33 | OK |
| | Wy＋ | 0.80×1.106×1.06 | | 0.935×3.28^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 8.36 | (0.00) | | |
| | Y0 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.084 | | 0.26 | OK |
| | Wy＋ | 0.80×1.106×0.91 | | 0.804×3.28^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 7.25 | (0.00) | | |
| | 又Y0 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.084 | | 0.25 | OK |
| | Wx＋ | 0.80×1.106×0.91 | | 0.804×3.28^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 16.64 | (10.41) | | |
| | Y1 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 0.543 | | 0.26 | OK |
| | Wx＋ | 0.40×1.106×0.91 | | 0.403×3.28^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 22.72 | (0.67) | | |
| | 又Y1 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.356 | | 0.45 | OK |
| | Wx＋ | 0.80×1.106×1.14 | | 1.006×3.28^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 5.68 | (0.00) | | |
| | 又Y1 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 0.971 | | 0.21 | OK |
| | Wx－ | 0.80×1.106×0.82 | | 0.720×3.28^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 6.44 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.084 | | 0.24 | OK |
| | Wx－ | 0.80×1.106×0.91 | | 0.804×3.28^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 16.46 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 1.725 | | 0.50 | OK |
| | Wx＋ | 0.80×1.106×1.14 | | 1.006×3.70^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 7.64 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 0.669 | | 0.19 | OK |
| | Wx－ | 0.80×1.106×0.56 | | 0.496×3.28^2/8 | | | | | | | | | |
| | X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 19.51 | (2.11) | | |
| | 又 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.130 | | 0.38 | OK |
| | Wy＋ | 0.80×1.106×0.95 | | 0.838×3.28^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.59 | 94.95 | 19.91 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 328.4 | 94.8 | 34.50 | 22.08 | 6.359 | 1.627 | | 0.47 | OK |
| | Wx＋ | 0.80×1.106×1.37 | | 1.207×3.28^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 27.17 | (0.00) | | |
| | Y2 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 2.759 | | 0.82 | OK |
| | Wx＋ | 0.80×1.106×1.82 | | 1.609×3.70^2/8 | | | | | | | | | |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.76 | 97.29 | 10.75 | (0.00) | | |
| | 又Y2 | | 0.96 | 3.46 | 325.4 | 93.9 | 34.50 | 22.08 | 6.359 | 0.922 | | 0.26 | OK |
| | Wx－ | 0.80×1.106×0.79 | | 0.697×3.25^2/8 | | | | | | | | | |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.76 | 97.29 | 19.43 | (8.68) | | |
| | 又 | | 0.96 | 3.46 | 325.4 | 93.9 | 34.50 | 22.08 | 6.359 | 0.692 | | 0.31 | OK |
| | Wx－ | 0.80×1.106×0.59 | | 0.523×3.25^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.27 | 90.28 | 20.52 | (0.00) | | |
| | | | 0.96 | 3.46 | 334.4 | 96.5 | 34.50 | 22.08 | 6.359 | 1.687 | | 0.49 | OK |
| | Wx＋ | 0.80×1.106×1.37 | | 1.207×3.34^2/8 | | | | | | | | | |
| | 又X16 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.11 | 87.94 | 0.82 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 337.4 | 97.4 | 34.50 | 22.08 | 6.359 | 0.583 | | 0.10 | OK |
| | Wy＋ | 0.80×1.106×0.46 | | 0.410×3.37^2/8 | | | | | | | | | |
| | 又X17 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.43 | 92.62 | 22.05 | (15.06) | | |
| | 又Y3 | | 0.96 | 3.46 | 331.4 | 95.7 | 34.50 | 22.08 | 6.359 | 0.504 | | 0.32 | OK |
| | Wx＋ | 0.80×1.106×0.42 | | 0.367×3.31^2/8 | | | | | | | | | |

| 階 | 符号 | 部材 | 材種 | B×D | A | Z | fc(Ft) | fk(ft) | Nk | N | (Nh) | 検定 | 判定 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 係数 | i | Lk | λ | Fb | fb | Ma | M | | | |
| | 位置 | | cqAw | wl^2／8 | | | | | | | | | |
| 1 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 3.54 | 50.97 | 19.28 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 436.5 | 126.0 | 34.50 | 22.08 | 6.359 | 2.874 | | 0.83 | OK |
| | Wx＋ | 0.80×1.106×1.37 | | 1.207×4.37^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 3.96 | 57.07 | 12.09 | (0.00) | | |
| | | | 0.96 | 3.46 | 412.5 | 119.1 | 34.50 | 22.08 | 6.359 | 2.294 | | 0.57 | OK |
| | Wx＋ | 0.80×1.106×1.22 | | 1.079×4.13^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 17.62 | (8.12) | | |
| | 又 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 1.393 | | 0.47 | OK |
| | Wy＋ | 0.80×1.106×0.92 | | 0.812×3.70^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 3.54 | 50.97 | 35.22 | (20.33) | | |
| | Y5 | | 0.96 | 3.46 | 436.5 | 126.0 | 34.50 | 22.08 | 6.359 | 1.439 | | 0.92 | OK |
| | Wx－ | 0.40×1.106×1.37 | | 0.604×4.37^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 3.96 | 57.07 | 15.62 | (0.00) | | |
| | | | 0.96 | 3.46 | 412.5 | 119.1 | 34.50 | 22.08 | 6.359 | 2.567 | | 0.68 | OK |
| | Wx＋ | 0.80×1.106×1.37 | | 1.207×4.13^2/8 | | | | | | | | | |
| | 又X18 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.27 | 90.28 | 30.43 | (14.77) | | |
| | 又 | | 0.96 | 3.46 | 334.4 | 96.5 | 34.50 | 22.08 | 6.359 | 0.609 | | 0.43 | OK |
| | Wy＋ | 0.40×1.106×0.99 | | 0.436×3.34^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 3.96 | 57.07 | 17.03 | (0.00) | | |
| | Y6 | | 0.96 | 3.46 | 412.5 | 119.1 | 34.50 | 22.08 | 6.359 | 2.567 | | 0.70 | OK |
| | Wx＋ | 0.80×1.106×1.37 | | 1.207×4.13^2/8 | | | | | | | | | |
| | 又X14 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.62 | 80.94 | 22.15 | (15.06) | | |
| | 又 | | 0.96 | 3.46 | 346.4 | 100.0 | 34.50 | 22.08 | 6.359 | 0.772 | | 0.40 | OK |
| | Wx－ | 0.80×1.106×0.58 | | 0.515×3.46^2/8 | | | | | | | | | |
| | 又X13 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.62 | 80.94 | 1.42 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 346.4 | 100.0 | 34.50 | 22.08 | 6.359 | 0.465 | | 0.09 | OK |
| | Wy－ | 0.80×1.106×0.35 | | 0.310×3.46^2/8 | | | | | | | | | |
| | 又X11 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.34 | 76.89 | 13.40 | (8.68) | | |
| | 又 | | 0.96 | 3.46 | 355.4 | 102.6 | 34.50 | 22.08 | 6.359 | 1.101 | | 0.35 | OK |
| | Wy－ | 0.80×1.106×0.79 | | 0.698×3.55^2/8 | | | | | | | | | |
| | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 16.27 | (0.00) | | |
| | 又 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 2.456 | | 0.66 | OK |
| | Wx＋ | 0.80×1.106×1.37 | | 1.207×4.04^2/8 | | | | | | | | | |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 5.14 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 1.228 | | 0.28 | OK |
| | Wy－ | 0.80×1.106×0.68 | | 0.603×4.04^2/8 | | | | | | | | | |
| | X5 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 3.54 | 50.97 | 16.24 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 436.5 | 126.0 | 34.50 | 22.08 | 6.359 | 2.395 | | 0.70 | OK |
| | Wy－ | 0.80×1.106×1.14 | | 1.006×4.37^2/8 | | | | | | | | | |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.76 | 97.29 | 3.30 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 325.4 | 93.9 | 34.50 | 22.08 | 6.359 | 1.065 | | 0.20 | OK |
| | Wy－ | 0.80×1.106×0.91 | | 0.804×3.25^2/8 | | | | | | | | | |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.76 | 97.29 | 11.66 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 325.4 | 93.9 | 34.50 | 22.08 | 6.359 | 1.863 | | 0.41 | OK |
| | Wy－ | 0.80×1.106×1.59 | | 1.408×3.25^2/8 | | | | | | | | | |
| | X6 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.76 | 97.29 | 11.68 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 325.4 | 93.9 | 34.50 | 22.08 | 6.359 | 1.863 | | 0.41 | OK |
| | Wy－ | 0.80×1.106×1.59 | | 1.408×3.25^2/8 | | | | | | | | | |
| | | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 6.76 | 97.29 | 3.77 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 325.4 | 93.9 | 34.50 | 22.08 | 6.359 | 0.936 | | 0.19 | OK |
| | Wy－ | 0.80×1.106×0.80 | | 0.707×3.25^2/8 | | | | | | | | | |
| | 又 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 5.62 | 80.94 | 9.29 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 346.4 | 100.0 | 34.50 | 22.08 | 6.359 | 1.654 | | 0.37 | OK |
| | Wy－ | 0.80×1.106×1.25 | | 1.103×3.46^2/8 | | | | | | | | | |
| | 又X9 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.92 | 70.78 | 3.42 | (0.00) | | |
| | Y8 | | 0.96 | 3.46 | 370.4 | 106.9 | 34.50 | 22.08 | 6.359 | 0.772 | | 0.17 | OK |
| | Wy－ | 0.80×1.106×0.51 | | 0.450×3.70^2/8 | | | | | | | | | |

| 階 | 符号 | 部材 | 材種 | B×D | A | Z | fc(Ft) | fk(ft) | Nk | N | (Nh) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 係数 | i | Lk | λ | Fb | fb | Ma | M | | 検定 | 判定 |
| | 位置 | | cqAw | | wl^2／8 | | | | | | | | |
| 1 | X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 8.99 | (0.00) | | |
| | Y9 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 1.228 | | 0.34 | OK |
| | Wx＋ | 0.80×1.106×0.68 | | 0.603×4.04^2/8 | | | | | | | | | |
| | 又X0 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 2.08 | (0.00) | | |
| | Y9 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 1.349 | | 0.25 | OK |
| | Wy－ | 0.80×1.106×0.75 | | 0.663×4.04^2/8 | | | | | | | | | |
| | 又X1 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.13 | 59.50 | 5.32 | (0.00) | | |
| | Y9 | | 0.96 | 3.46 | 404.0 | 116.6 | 34.50 | 22.08 | 6.359 | 3.458 | | 0.63 | OK |
| | Wy－ | 0.80×1.106×1.92 | | 1.695×4.04^2/8 | | | | | | | | | |
| | X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 5.38 | (0.00) | | |
| | Y9 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 3.265 | | 0.60 | OK |
| | Wy－ | 0.80×1.106×1.82 | | 1.605×4.04^2/8 | | | | | | | | | |
| | 又X3 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 2.55 | (0.00) | | |
| | Y9 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 1.655 | | 0.30 | OK |
| | Wy－ | 0.80×1.106×0.92 | | 0.813×4.04^2/8 | | | | | | | | | |
| | 又X4 | 柱 | 欧州赤松集成材 | 12.0×12.0 | 144.0 | 288.0 | 18.73 | 4.14 | 59.65 | 1.70 | (0.00) | | |
| | Y9 | | 0.96 | 3.46 | 403.5 | 116.5 | 34.50 | 22.08 | 6.359 | 0.828 | | 0.16 | OK |
| | Wy－ | 0.80×1.106×0.46 | | 0.407×4.04^2/8 | | | | | | | | | |

［使用記号］

Z：断面係数　<cm^3>
I：断面二次モーメント　<cm^4>
ML：長期最大曲げモーメント　<kN・m>
MS：短期最大曲げモーメント　<kN・m>
MaL：長期許容曲げモーメント　<kN・m>
MaS：短期許容曲げモーメント　<kN・m>
QL：長期最大せん断力　<kN>
QS：短期最大せん断力　<kN>
QaL：長期許容せん断力　<kN>
QaS：短期許容せん断力　<kN>
δL：長期最大たわみ量　<cm>
δS：短期最大たわみ量　<cm>
δaL：長期許容たわみ量　<cm>
δaS：短期許容たわみ量　<cm>

※1　木材の基準強度および許容応力度は計算書「使用材料及び許容応力度の木材」を参照
※2　荷重状況については本章(2)以降を参照

(1) 検定一覧表

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | Y1<br>X0又X1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.12<br>0.16 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.55<br>0.69 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>X0又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.06<br>0.06 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.28<br>0.28 | 6.34<br>9.22 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.25<br>0.29 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 0.95<br>1.12 | 36.96<br>53.76 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又又X3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 3.27<br>4.48 | 33.53<br>48.77 | 0.10<br>0.09 | OK<br>OK | 4.42<br>5.90 | 36.96<br>53.76 | 0.12<br>0.11 | OK<br>OK | 0.03<br>0.05 | 0.68<br>1.82 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X3X5 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 3.27<br>4.48 | 33.53<br>48.77 | 0.10<br>0.09 | OK<br>OK | 4.42<br>5.90 | 36.96<br>53.76 | 0.12<br>0.11 | OK<br>OK | 0.03<br>0.05 | 0.68<br>1.82 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>X5 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.06<br>0.06 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.28<br>0.28 | 6.34<br>9.22 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>X5 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.12<br>0.16 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.55<br>0.69 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.25<br>0.29 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 0.95<br>1.12 | 36.96<br>53.76 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又又X6 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 3.27<br>4.48 | 33.53<br>48.77 | 0.10<br>0.09 | OK<br>OK | 4.42<br>5.90 | 36.96<br>53.76 | 0.12<br>0.11 | OK<br>OK | 0.03<br>0.05 | 0.68<br>1.82 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X6又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.54<br>3.53 | 33.53<br>48.77 | 0.08<br>0.07 | OK<br>OK | 3.62<br>4.86 | 36.96<br>53.76 | 0.10<br>0.09 | OK<br>OK | 0.02<br>0.02 | 0.54<br>1.43 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.07<br>1.50 | 33.53<br>48.77 | 0.03<br>0.03 | OK<br>OK | 2.42<br>3.27 | 36.96<br>53.76 | 0.07<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.00<br>0.00 | 16.04<br>23.33 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 23.76<br>34.56 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又<br>X8X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>X8X9 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.00<br>0.00 | 16.04<br>23.33 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 23.76<br>34.56 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又又X2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.35<br>0.92 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X2X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X3又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.35<br>0.92 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 11.40<br>16.59 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.38<br>1.00 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 11.40<br>16.59 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X0又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.37<br>0.37 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 0.82<br>0.82 | 36.96<br>53.76 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.47<br>0.71 | 33.53<br>48.77 | 0.01<br>0.01 | OK<br>OK | 3.90<br>5.85 | 36.96<br>53.76 | 0.11<br>0.11 | OK<br>OK | 0.00<br>0.00 | 0.14<br>0.38 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又又X2 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.29<br>0.44 | 19.80<br>28.80 | 0.01<br>0.02 | OK<br>OK | 0.63<br>0.97 | 26.40<br>38.40 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.01 | 0.46<br>1.21 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.81<br>2.62 | 33.53<br>48.77 | 0.05<br>0.05 | OK<br>OK | 4.38<br>6.29 | 36.96<br>53.76 | 0.12<br>0.12 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X2又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.36<br>0.55 | 17.82<br>25.92 | 0.02<br>0.02 | OK<br>OK | 1.05<br>1.60 | 26.40<br>38.40 | 0.04<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X3又X4 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 3.29<br>4.74 | 33.53<br>48.77 | 0.10<br>0.10 | OK<br>OK | 4.07<br>5.68 | 36.96<br>53.76 | 0.11<br>0.11 | OK<br>OK | 0.02<br>0.03 | 0.57<br>1.53 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X4X5 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.09<br>0.09 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.41<br>0.41 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X5又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.21<br>0.21 | 37.26<br>54.19 | 0.01<br>0.00 | OK<br>OK | 0.62<br>0.62 | 36.96<br>53.76 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.28<br>1.90 | 29.80<br>43.35 | 0.04<br>0.04 | OK<br>OK | 3.34<br>4.89 | 36.96<br>53.76 | 0.09<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.68 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又又X6 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.85<br>2.70 | 33.53<br>48.77 | 0.06<br>0.06 | OK<br>OK | 4.49<br>6.46 | 36.96<br>53.76 | 0.12<br>0.12 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X6又X7 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 3.62<br>5.25 | 29.80<br>43.35 | 0.12<br>0.12 | OK<br>OK | 4.86<br>6.91 | 36.96<br>53.76 | 0.13<br>0.13 | OK<br>OK | 0.03<br>0.04 | 0.57<br>1.53 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.34<br>0.52 | 4.46<br>6.48 | 0.08<br>0.08 | OK<br>OK | 0.74<br>1.14 | 13.20<br>19.20 | 0.06<br>0.06 | OK<br>OK | 0.04<br>0.06 | 0.46<br>1.21 | 0.08<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X7X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.76<br>2.53 | 33.53<br>48.77 | 0.05<br>0.05 | OK<br>OK | 2.62<br>3.61 | 36.96<br>53.76 | 0.07<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.42<br>1.12 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.09 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.32<br>0.49 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 1.05<br>2.00 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.80<br>2.00 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 1.05<br>2.00 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.80<br>2.00 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X0X2 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 3.33<br>3.88 | 19.80<br>28.80 | 0.17<br>0.13 | OK<br>OK | 3.64<br>4.06 | 26.40<br>38.40 | 0.14<br>0.11 | OK<br>OK | 0.11<br>0.13 | 0.55<br>1.47 | 0.20<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X2X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.14<br>0.14 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.64<br>0.64 | 26.40<br>38.40 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.23<br>0.23 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.82<br>0.82 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.27<br>0.27 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 1.04<br>1.04 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X4X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.27<br>0.27 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 1.04<br>1.04 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X5又X7 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 3.53<br>5.44 | 25.70<br>37.38 | 0.14<br>0.15 | OK<br>OK | 1.79<br>2.77 | 34.32<br>49.92 | 0.05<br>0.06 | OK<br>OK | 0.26<br>0.41 | 1.48<br>2.00 | 0.18<br>0.20 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X7X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y4<br>X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.13<br>0.13 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.59<br>0.59 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又Y4<br>X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.05 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.21 | 13.20<br>19.20 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.37<br>1.37 | 9.70<br>14.11 | 0.14<br>0.10 | OK<br>OK | 1.66<br>1.66 | 18.48<br>26.88 | 0.09<br>0.06 | OK<br>OK | 0.10<br>0.10 | 0.55<br>1.47 | 0.18<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.56<br>0.56 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.03<br>4.71 | 18.40<br>26.76 | 0.16<br>0.18 | OK<br>OK | 1.54<br>2.39 | 29.04<br>42.24 | 0.05<br>0.06 | OK<br>OK | 0.37<br>0.58 | 1.48<br>2.00 | 0.25<br>0.29 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.25<br>0.25 | 7.13<br>10.37 | 0.04<br>0.02 | OK<br>OK | 0.68<br>0.68 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.00 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0又X1 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.12<br>0.12 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.54<br>0.54 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X1又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.48<br>0.48 | 9.70<br>14.11 | 0.05<br>0.03 | OK<br>OK | 1.30<br>1.30 | 18.48<br>26.88 | 0.07<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.25<br>0.66 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.12<br>0.12 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.54<br>0.54 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.73<br>1.73 | 9.70<br>14.11 | 0.18<br>0.12 | OK<br>OK | 2.10<br>2.10 | 18.48<br>26.88 | 0.11<br>0.08 | OK<br>OK | 0.13<br>0.13 | 0.55<br>1.47 | 0.23<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.39<br>0.39 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.56<br>0.56 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.02<br>2.02 | 9.70<br>14.11 | 0.21<br>0.14 | OK<br>OK | 2.45<br>2.45 | 18.48<br>26.88 | 0.13<br>0.09 | OK<br>OK | 0.15<br>0.15 | 0.55<br>1.47 | 0.27<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.18<br>0.18 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.80<br>0.80 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 1.06<br>1.06 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.49 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.53<br>5.49 | 18.40<br>26.76 | 0.19<br>0.21 | OK<br>OK | 1.80<br>2.79 | 29.04<br>42.24 | 0.06<br>0.07 | OK<br>OK | 0.43<br>0.68 | 1.48<br>2.00 | 0.29<br>0.34 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.25<br>0.25 | 7.13<br>10.37 | 0.04<br>0.02 | OK<br>OK | 0.68<br>0.68 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.00 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.07 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.35<br>0.35 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X0又X1 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.18<br>0.18 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.79<br>0.79 | 18.48<br>26.88 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X0又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X1又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.18<br>1.47 | 9.70<br>14.11 | 0.12<br>0.10 | OK<br>OK | 3.27<br>3.97 | 18.48<br>26.88 | 0.18<br>0.15 | OK<br>OK | 0.02<br>0.03 | 0.25<br>0.66 | 0.09<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.18<br>0.18 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.79<br>0.79 | 18.48<br>26.88 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X2 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X2X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.09<br>0.09 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.39<br>0.39 | 18.48<br>26.88 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.15<br>0.15 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.56<br>0.56 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.16<br>0.16 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.61<br>0.61 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X4X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.16<br>0.16 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.61<br>0.61 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 4.15<br>6.14 | 18.40<br>26.76 | 0.23<br>0.23 | OK<br>OK | 2.90<br>3.91 | 29.04<br>42.24 | 0.10<br>0.09 | OK<br>OK | 0.50<br>0.75 | 1.48<br>2.00 | 0.34<br>0.37 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又X7又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.09<br>0.09 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.41<br>0.41 | 21.12<br>30.72 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.21<br>0.21 | 11.40<br>16.59 | 0.02<br>0.01 | OK<br>OK | 0.62<br>0.62 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.58<br>3.58 | 14.43<br>21.00 | 0.25<br>0.17 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | 0.14<br>0.10 | OK<br>OK | 0.23<br>0.23 | 0.70<br>1.87 | 0.33<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | X3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.13<br>0.13 | 7.13<br>10.37 | 0.02<br>0.01 | OK<br>OK | 0.47<br>0.47 | 15.84<br>23.04 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.24<br>1.24 | 7.13<br>10.37 | 0.17<br>0.12 | OK<br>OK | 2.36<br>2.36 | 15.84<br>23.04 | 0.15<br>0.10 | OK<br>OK | 0.07<br>0.07 | 0.35<br>0.93 | 0.21<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.10 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.38<br>0.38 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.52<br>3.52 | 16.04<br>23.33 | 0.22<br>0.15 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | 0.14<br>0.10 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | 0.29<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.91<br>1.91 | 8.73<br>12.70 | 0.22<br>0.15 | OK<br>OK | 2.32<br>2.32 | 18.48<br>26.88 | 0.13<br>0.09 | OK<br>OK | 0.15<br>0.15 | 0.53<br>1.42 | 0.28<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X0X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.52<br>3.52 | 16.04<br>23.33 | 0.22<br>0.15 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | 0.14<br>0.10 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | 0.29<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.35<br>0.35 | 9.70<br>14.11 | 0.04<br>0.02 | OK<br>OK | 1.25<br>1.25 | 18.48<br>26.88 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.34<br>1.34 | 9.70<br>14.11 | 0.14<br>0.10 | OK<br>OK | 2.56<br>2.56 | 18.48<br>26.88 | 0.14<br>0.10 | OK<br>OK | 0.05<br>0.05 | 0.35<br>0.93 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.84<br>5.97 | 18.40<br>26.76 | 0.21<br>0.22 | OK<br>OK | 1.95<br>3.04 | 29.04<br>42.24 | 0.07<br>0.07 | OK<br>OK | 0.47<br>0.73 | 1.48<br>2.00 | 0.32<br>0.37 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | | 欧州赤松集成材 | G+P | 1458 | 3.52 | 16.04 | 0.22 | OK | 3.35 | 23.76 | 0.14 | OK | 0.20 | 0.70 | 0.29 | OK | ○ | ○ | ○ |
| | X0X3 | 120×270 | G+P+S | 19683 | 3.52 | 23.33 | 0.15 | OK | 3.35 | 34.56 | 0.10 | OK | 0.20 | 1.87 | 0.11 | OK | | | |
| | | 欧州赤松集成材 | G+P | 882 | 1.89 | 9.70 | 0.20 | OK | 2.37 | 18.48 | 0.13 | OK | 0.13 | 0.53 | 0.25 | OK | ○ | ○ | ○ |
| | X3X5 | 120×210 | G+P+S | 9261 | 1.89 | 14.11 | 0.13 | OK | 2.37 | 26.88 | 0.09 | OK | 0.13 | 1.42 | 0.09 | OK | | | |
| | Y7 | 欧州赤松集成材 | G+P | 1800 | 6.58 | 19.80 | 0.33 | OK | 5.66 | 26.40 | 0.21 | OK | 0.37 | 0.70 | 0.53 | OK | ○ | ○ | ○ |
| | X0X3 | 120×300 | G+P+S | 27000 | 7.35 | 28.80 | 0.26 | OK | 6.06 | 38.40 | 0.16 | OK | 0.41 | 1.87 | 0.22 | OK | | | |
| | Y7 | 欧州赤松集成材 | G+P | 1152 | 3.71 | 12.67 | 0.29 | OK | 4.15 | 21.12 | 0.20 | OK | 0.24 | 0.53 | 0.44 | OK | ○ | ○ | ○ |
| | X3X5 | 120×240 | G+P+S | 13824 | 4.16 | 18.43 | 0.23 | OK | 4.44 | 30.72 | 0.14 | OK | 0.26 | 1.42 | 0.19 | OK | | | |
| | Y7 | 欧州赤松集成材 | G+P | 2178 | 8.27 | 18.40 | 0.45 | OK | 5.19 | 29.04 | 0.18 | OK | 1.00 | 1.48 | 0.68 | OK | ○ | ○ | ○ |
| | X5又X7 | 120×330 | G+P+S | 35937 | 9.66 | 26.76 | 0.36 | OK | 5.90 | 42.24 | 0.14 | OK | 1.18 | 2.00 | 0.59 | OK | | | |
| | Y7 | 欧州赤松集成材 | G+P | 450 | 0.86 | 4.95 | 0.17 | OK | 1.52 | 13.20 | 0.12 | OK | 0.13 | 0.57 | 0.23 | OK | ○ | ○ | ○ |
| | 又X7X9 | 120×150 | G+P+S | 3375 | 0.86 | 7.20 | 0.12 | OK | 1.52 | 19.20 | 0.08 | OK | 0.13 | 1.52 | 0.09 | OK | | | |
| | 又 | 欧州赤松集成材 | G+P | 882 | 0.00 | 9.70 | 0.00 | OK | 0.00 | 18.48 | 0.00 | OK | 0.00 | 1.05 | 0.00 | OK | ○ | ○ | ○ |
| | X0X3 | 120×210 | G+P+S | 9261 | 0.00 | 14.11 | 0.00 | OK | 0.00 | 26.88 | 0.00 | OK | 0.00 | 2.00 | 0.00 | OK | | | |
| | 又 | 欧州赤松集成材 | G+P | 648 | 0.00 | 7.13 | 0.00 | OK | 0.00 | 15.84 | 0.00 | OK | 0.00 | 0.80 | 0.00 | OK | ○ | ○ | ○ |
| | X3X5 | 120×180 | G+P+S | 5832 | 0.00 | 10.37 | 0.00 | OK | 0.00 | 23.04 | 0.00 | OK | 0.00 | 2.00 | 0.00 | OK | | | |
| | 又 | 欧州赤松集成材 | G+P | 2178 | 0.00 | 18.40 | 0.00 | OK | 0.00 | 29.04 | 0.00 | OK | 0.00 | 1.48 | 0.00 | OK | ○ | ○ | ○ |
| | X5又X7 | 120×330 | G+P+S | 35937 | 0.00 | 26.76 | 0.00 | OK | 0.00 | 42.24 | 0.00 | OK | 0.00 | 2.00 | 0.00 | OK | | | |
| | 又 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | 0.00 | OK | 0.00 | 13.20 | 0.00 | OK | 0.00 | 0.57 | 0.00 | OK | ○ | ○ | ○ |
| | 又X7X9 | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | 0.00 | OK | 0.00 | 19.20 | 0.00 | OK | 0.00 | 1.52 | 0.00 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 882 | 0.33 | 9.70 | 0.03 | OK | 1.28 | 18.48 | 0.07 | OK | 0.00 | 0.26 | 0.01 | OK | ○ | ○ | ○ |
| | X0又X1 | 120×210 | G+P+S | 9261 | 0.42 | 14.11 | 0.03 | OK | 1.64 | 26.88 | 0.06 | OK | 0.00 | 0.68 | 0.01 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 882 | 3.16 | 9.70 | 0.33 | OK | 3.97 | 18.48 | 0.21 | OK | 0.34 | 0.80 | 0.43 | OK | ○ | ○ | ○ |
| | 又X1X3 | 120×210 | G+P+S | 9261 | 4.06 | 14.11 | 0.29 | OK | 5.10 | 26.88 | 0.19 | OK | 0.44 | 2.00 | 0.22 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 882 | 3.20 | 9.70 | 0.33 | OK | 4.00 | 18.48 | 0.22 | OK | 0.35 | 0.80 | 0.44 | OK | ○ | ○ | ○ |
| | X3X5 | 120×210 | G+P+S | 9261 | 4.11 | 14.11 | 0.29 | OK | 5.13 | 26.88 | 0.19 | OK | 0.45 | 2.00 | 0.23 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 2178 | 1.03 | 23.00 | 0.04 | OK | 2.27 | 29.04 | 0.08 | OK | 0.01 | 0.46 | 0.02 | OK | ○ | ○ | ○ |
| | X5 | 120×330 | G+P+S | 35937 | 1.33 | 33.45 | 0.04 | OK | 2.92 | 42.24 | 0.07 | OK | 0.01 | 1.21 | 0.01 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 2178 | 1.61 | 20.70 | 0.08 | OK | 2.84 | 29.04 | 0.10 | OK | 0.03 | 0.57 | 0.04 | OK | ○ | ○ | ○ |
| | X6 | 120×330 | G+P+S | 35937 | 2.07 | 30.11 | 0.07 | OK | 3.64 | 42.24 | 0.09 | OK | 0.03 | 1.52 | 0.02 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 2178 | 0.80 | 23.00 | 0.03 | OK | 2.00 | 29.04 | 0.07 | OK | 0.01 | 0.40 | 0.01 | OK | ○ | ○ | ○ |
| | X6X7 | 120×330 | G+P+S | 35937 | 1.02 | 33.45 | 0.03 | OK | 2.56 | 42.24 | 0.06 | OK | 0.01 | 1.07 | 0.01 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 3528 | 1.63 | 33.53 | 0.05 | OK | 7.42 | 36.96 | 0.20 | OK | 0.01 | 0.40 | 0.02 | OK | ○ | ○ | ○ |
| | X7又 | 120×420 | G+P+S | 74088 | 2.07 | 48.77 | 0.04 | OK | 9.37 | 53.76 | 0.17 | OK | 0.01 | 1.06 | 0.01 | OK | | | |
| | Y8 | 杉 | G+P | 288 | 0.06 | 3.67 | 0.02 | OK | 0.28 | 6.34 | 0.04 | OK | 0.00 | 0.15 | 0.02 | OK | ○ | ○ | ○ |
| | 又X9 | 120×120 | G+P+S | 1728 | 0.06 | 5.35 | 0.01 | OK | 0.28 | 9.22 | 0.03 | OK | 0.00 | 0.40 | 0.01 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 3528 | 0.19 | 37.26 | 0.01 | OK | 0.85 | 36.96 | 0.02 | OK | 0.00 | 0.23 | 0.00 | OK | ○ | ○ | ○ |
| | 又X9 | 120×420 | G+P+S | 74088 | 0.27 | 54.19 | 0.00 | OK | 1.18 | 53.76 | 0.02 | OK | 0.00 | 0.61 | 0.00 | OK | | | |
| | Y8 | 欧州赤松集成材 | G+P | 3528 | 0.03 | 37.26 | 0.00 | OK | 0.29 | 36.96 | 0.01 | OK | 0.00 | 0.12 | 0.00 | OK | ○ | ○ | ○ |
| | X9又X9 | 120×420 | G+P+S | 74088 | 0.03 | 54.19 | 0.00 | OK | 0.29 | 53.76 | 0.01 | OK | 0.00 | 0.31 | 0.00 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 1152 | 0.09 | 12.67 | 0.01 | OK | 0.52 | 21.12 | 0.02 | OK | 0.00 | 0.18 | 0.00 | OK | ○ | ○ | ○ |
| | Y1又Y1 | 120×240 | G+P+S | 13824 | 0.10 | 18.43 | 0.01 | OK | 0.55 | 30.72 | 0.02 | OK | 0.00 | 0.48 | 0.00 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 1152 | 0.82 | 12.67 | 0.07 | OK | 2.22 | 21.12 | 0.11 | OK | 0.01 | 0.34 | 0.03 | OK | ○ | ○ | ○ |
| | 又Y1又 | 120×240 | G+P+S | 13824 | 1.01 | 18.43 | 0.05 | OK | 2.63 | 30.72 | 0.09 | OK | 0.01 | 0.91 | 0.01 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 450 | 0.42 | 4.95 | 0.08 | OK | 0.89 | 13.20 | 0.07 | OK | 0.04 | 0.31 | 0.14 | OK | ○ | ○ | ○ |
| | 又又 | 120×150 | G+P+S | 3375 | 0.46 | 7.20 | 0.06 | OK | 0.97 | 19.20 | 0.05 | OK | 0.05 | 0.83 | 0.06 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 1152 | 0.09 | 12.67 | 0.01 | OK | 0.38 | 21.12 | 0.02 | OK | 0.00 | 0.23 | 0.00 | OK | ○ | ○ | ○ |
| | 又又 | 120×240 | G+P+S | 13824 | 0.09 | 18.43 | 0.00 | OK | 0.38 | 30.72 | 0.01 | OK | 0.00 | 0.61 | 0.00 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 1152 | 1.24 | 11.40 | 0.11 | OK | 2.91 | 21.12 | 0.14 | OK | 0.03 | 0.46 | 0.06 | OK | ○ | ○ | ○ |
| | 又Y2 | 120×240 | G+P+S | 13824 | 1.46 | 16.59 | 0.09 | OK | 3.40 | 30.72 | 0.11 | OK | 0.03 | 1.21 | 0.03 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 450 | 0.41 | 4.95 | 0.08 | OK | 0.95 | 13.20 | 0.07 | OK | 0.04 | 0.29 | 0.12 | OK | ○ | ○ | ○ |
| | 又又Y2 | 120×150 | G+P+S | 3375 | 0.44 | 7.20 | 0.06 | OK | 1.02 | 19.20 | 0.05 | OK | 0.04 | 0.76 | 0.05 | OK | | | |
| | X0 | 欧州赤松集成材 | G+P | 1152 | 1.00 | 12.67 | 0.08 | OK | 3.42 | 21.12 | 0.16 | OK | 0.02 | 0.46 | 0.05 | OK | ○ | ○ | ○ |
| | Y2 | 120×240 | G+P+S | 13824 | 1.14 | 18.43 | 0.06 | OK | 3.94 | 30.72 | 0.13 | OK | 0.03 | 1.21 | 0.02 | OK | | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X0<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.47<br>0.50 | 4.95<br>7.20 | 0.09<br>0.07 | OK<br>OK | 1.08<br>1.15 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.04<br>0.04 | 0.29<br>0.77 | 0.14<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.43 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 2.40<br>2.77 | 21.12<br>30.72 | 0.11<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.11 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.52<br>0.55 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y3又Y3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.09<br>0.09 | 16.04<br>23.33 | 0.01<br>0.00 | OK<br>OK | 0.50<br>0.53 | 23.76<br>34.56 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y3又Y3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.08<br>0.08 | 19.80<br>28.80 | 0.00<br>0.00 | OK<br>OK | 0.45<br>0.45 | 26.40<br>38.40 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.46 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y3Y4 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 1.01<br>1.31 | 16.04<br>23.33 | 0.06<br>0.06 | OK<br>OK | 2.50<br>3.20 | 23.76<br>34.56 | 0.11<br>0.09 | OK<br>OK | 0.01<br>0.02 | 0.27<br>0.73 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y3Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.44<br>0.44 | 17.82<br>25.92 | 0.02<br>0.02 | OK<br>OK | 1.12<br>1.12 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.06 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.66<br>0.69 | 4.95<br>7.20 | 0.13<br>0.10 | OK<br>OK | 1.43<br>1.51 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.07<br>0.07 | 0.31<br>0.82 | 0.21<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y4又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.61<br>0.61 | 17.82<br>25.92 | 0.03<br>0.02 | OK<br>OK | 2.30<br>2.30 | 26.40<br>38.40 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.89<br>3.28 | 17.82<br>25.92 | 0.16<br>0.13 | OK<br>OK | 5.27<br>5.90 | 26.40<br>38.40 | 0.20<br>0.15 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.68 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.62<br>0.65 | 4.95<br>7.20 | 0.12<br>0.09 | OK<br>OK | 1.34<br>1.42 | 13.20<br>19.20 | 0.10<br>0.07 | OK<br>OK | 0.06<br>0.07 | 0.31<br>0.82 | 0.20<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.18<br>0.18 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.80<br>0.80 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.35 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 0.95<br>1.01 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.17<br>0.17 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.77<br>0.77 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.07<br>1.35 | 19.80<br>28.80 | 0.05<br>0.05 | OK<br>OK | 2.74<br>3.34 | 26.40<br>38.40 | 0.10<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.33 | 4.95<br>7.20 | 0.06<br>0.05 | OK<br>OK | 0.90<br>0.96 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.17<br>0.17 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.73<br>0.73 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.52<br>0.55 | 4.95<br>7.20 | 0.10<br>0.08 | OK<br>OK | 1.13<br>1.21 | 13.20<br>19.20 | 0.09<br>0.06 | OK<br>OK | 0.05<br>0.06 | 0.31<br>0.82 | 0.17<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.16<br>2.16 | 17.82<br>25.92 | 0.12<br>0.08 | OK<br>OK | 3.06<br>3.06 | 26.40<br>38.40 | 0.12<br>0.08 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y7又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.33<br>0.34 | 19.80<br>28.80 | 0.02<br>0.01 | OK<br>OK | 0.99<br>1.04 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y8 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.14<br>0.14 | 19.80<br>28.80 | 0.01<br>0.00 | OK<br>OK | 0.60<br>0.61 | 26.40<br>38.40 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 7.15<br>10.99 | 29.80<br>43.35 | 0.24<br>0.25 | OK<br>OK | 3.46<br>5.32 | 36.96<br>53.76 | 0.09<br>0.10 | OK<br>OK | 0.66<br>1.02 | 1.89<br>2.00 | 0.35<br>0.51 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X2<br>Y4又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.06<br>0.06 | 9.70<br>14.11 | 0.01<br>0.00 | OK<br>OK | 0.32<br>0.32 | 18.48<br>26.88 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X2<br>又Y4又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.19<br>0.19 | 8.73<br>12.70 | 0.02<br>0.02 | OK<br>OK | 1.40<br>1.40 | 18.48<br>26.88 | 0.08<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X2<br>又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.42<br>2.94 | 7.76<br>11.29 | 0.31<br>0.26 | OK<br>OK | 4.50<br>5.35 | 18.48<br>26.88 | 0.24<br>0.20 | OK<br>OK | 0.05<br>0.07 | 0.26<br>0.68 | 0.21<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | X2<br>Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.18<br>0.18 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.80<br>0.80 | 18.48<br>26.88 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X2<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.39<br>0.39 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X2<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.89<br>10.59 | 29.80<br>43.35 | 0.23<br>0.24 | OK<br>OK | 3.34<br>5.13 | 36.96<br>53.76 | 0.09<br>0.10 | OK<br>OK | 0.64<br>0.98 | 1.89<br>2.00 | 0.34<br>0.49 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y3Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.58<br>0.58 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 1.03<br>1.03 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.01 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y4又Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.12<br>0.12 | 19.80<br>28.80 | 0.01<br>0.00 | OK<br>OK | 0.65<br>0.65 | 26.40<br>38.40 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>又Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.37<br>1.37 | 15.84<br>23.04 | 0.09<br>0.06 | OK<br>OK | 2.70<br>2.70 | 26.40<br>38.40 | 0.10<br>0.07 | OK<br>OK | 0.02<br>0.02 | 0.33<br>0.88 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.57<br>3.00 | 15.84<br>23.04 | 0.16<br>0.13 | OK<br>OK | 4.92<br>5.24 | 26.40<br>38.40 | 0.19<br>0.14 | OK<br>OK | 0.04<br>0.05 | 0.38<br>1.01 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>又Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.84<br>1.84 | 15.84<br>23.04 | 0.12<br>0.08 | OK<br>OK | 4.20<br>4.20 | 26.40<br>38.40 | 0.16<br>0.11 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y6Y7 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 3.33<br>3.33 | 15.84<br>23.04 | 0.21<br>0.14 | OK<br>OK | 4.46<br>4.46 | 26.40<br>38.40 | 0.17<br>0.12 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | 0.10<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>Y7又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.16<br>0.16 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.54<br>0.54 | 26.40<br>38.40 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X3<br>又Y8 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.13<br>0.13 | 15.84<br>23.04 | 0.01<br>0.01 | OK<br>OK | 0.49<br>0.49 | 26.40<br>38.40 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3Y4 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.94<br>1.38 | 16.04<br>23.33 | 0.06<br>0.06 | OK<br>OK | 1.99<br>2.97 | 23.76<br>34.56 | 0.08<br>0.09 | OK<br>OK | 0.02<br>0.03 | 0.39<br>1.04 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.09<br>1.09 | 8.73<br>12.70 | 0.12<br>0.09 | OK<br>OK | 2.26<br>2.26 | 18.48<br>26.88 | 0.12<br>0.08 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | 0.10<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.24<br>0.24 | 9.70<br>14.11 | 0.02<br>0.02 | OK<br>OK | 1.06<br>1.06 | 18.48<br>26.88 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.23<br>0.23 | 9.70<br>14.11 | 0.02<br>0.02 | OK<br>OK | 1.00<br>1.00 | 18.48<br>26.88 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.04<br>3.06 | 19.80<br>28.80 | 0.10<br>0.11 | OK<br>OK | 1.48<br>2.23 | 26.40<br>38.40 | 0.06<br>0.06 | OK<br>OK | 0.05<br>0.07 | 0.46<br>1.23 | 0.10<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.18<br>0.18 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.80<br>0.80 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.04 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.35<br>0.35 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.04 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.35<br>0.35 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.89<br>10.59 | 29.80<br>43.35 | 0.23<br>0.24 | OK<br>OK | 3.34<br>5.13 | 36.96<br>53.76 | 0.09<br>0.10 | OK<br>OK | 0.64<br>0.98 | 1.89<br>2.00 | 0.34<br>0.49 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.08<br>0.05 | OK<br>OK | 1.22<br>1.22 | 13.20<br>19.20 | 0.09<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.54 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.27 | 4.95<br>7.20 | 0.05<br>0.04 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y1又Y1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.06<br>0.06 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.32<br>0.32 | 21.12<br>30.72 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.17<br>1.60 | 12.67<br>18.43 | 0.09<br>0.09 | OK<br>OK | 1.70<br>2.17 | 21.12<br>30.72 | 0.08<br>0.07 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.02<br>0.02 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.21<br>0.21 | 21.12<br>30.72 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.30 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X5<br>又Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.89<br>1.21 | 10.14<br>14.75 | 0.09<br>0.08 | OK<br>OK | 2.15<br>2.87 | 21.12<br>30.72 | 0.10<br>0.09 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.29<br>0.76 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.67<br>0.87 | 12.67<br>18.43 | 0.05<br>0.05 | OK<br>OK | 2.24<br>3.01 | 21.12<br>30.72 | 0.11<br>0.10 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.29<br>0.77 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.22<br>0.30 | 12.67<br>18.43 | 0.02<br>0.02 | OK<br>OK | 1.43<br>1.98 | 21.12<br>30.72 | 0.07<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y3Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.00<br>0.00 | 28.91<br>42.05 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 34.32<br>49.92 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y3Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.26<br>0.39 | 9.70<br>14.11 | 0.03<br>0.03 | OK<br>OK | 0.56<br>0.84 | 18.48<br>26.88 | 0.03<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.39<br>1.04 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.89<br>2.45 | 20.70<br>30.11 | 0.09<br>0.08 | OK<br>OK | 3.64<br>4.41 | 29.04<br>42.24 | 0.13<br>0.10 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.33 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.31<br>2.96 | 20.70<br>30.11 | 0.11<br>0.10 | OK<br>OK | 4.23<br>5.13 | 29.04<br>42.24 | 0.15<br>0.12 | OK<br>OK | 0.02<br>0.03 | 0.30<br>0.81 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.33 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y5又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.14<br>0.38 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.32<br>0.37 | 20.70<br>30.11 | 0.02<br>0.01 | OK<br>OK | 3.75<br>5.17 | 29.04<br>42.24 | 0.13<br>0.12 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.23 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.20<br>2.30 | 20.70<br>30.11 | 0.11<br>0.08 | OK<br>OK | 3.89<br>4.21 | 29.04<br>42.24 | 0.13<br>0.10 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y6Y7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.03<br>2.03 | 20.70<br>30.11 | 0.10<br>0.07 | OK<br>OK | 3.29<br>3.29 | 29.04<br>42.24 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.09<br>0.09 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.41<br>0.41 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.01<br>0.01 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.13<br>0.13 | 29.04<br>42.24 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.07<br>0.19 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y8 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.13<br>0.13 | 18.40<br>26.76 | 0.01<br>0.01 | OK<br>OK | 0.49<br>0.49 | 29.04<br>42.24 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.72 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 7.15<br>10.99 | 29.80<br>43.35 | 0.24<br>0.25 | OK<br>OK | 3.46<br>5.32 | 36.96<br>53.76 | 0.09<br>0.10 | OK<br>OK | 0.66<br>1.02 | 1.89<br>2.00 | 0.35<br>0.51 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.04 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.73 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y5Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.47<br>1.25 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y7又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.89<br>10.59 | 29.80<br>43.35 | 0.23<br>0.24 | OK<br>OK | 3.34<br>5.13 | 36.96<br>53.76 | 0.09<br>0.10 | OK<br>OK | 0.64<br>0.98 | 1.89<br>2.00 | 0.34<br>0.49 | OK<br>OK | ○ | ○ | ○ |
| | 又X6<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.89<br>10.59 | 29.80<br>43.35 | 0.23<br>0.24 | OK<br>OK | 3.34<br>5.13 | 36.96<br>53.76 | 0.09<br>0.10 | OK<br>OK | 0.64<br>0.98 | 1.89<br>2.00 | 0.34<br>0.49 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>Y3又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 2.81<br>4.30 | 25.70<br>37.38 | 0.11<br>0.12 | OK<br>OK | 2.57<br>3.93 | 34.32<br>49.92 | 0.07<br>0.08 | OK<br>OK | 0.05<br>0.08 | 0.84<br>2.00 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>Y3Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.04 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.37<br>0.37 | 32.12<br>46.73 | 0.01<br>0.01 | OK<br>OK | 0.82<br>0.82 | 34.32<br>49.92 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又又Y5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.00<br>0.00 | 32.12<br>46.73 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 34.32<br>49.92 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又Y5Y8 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 14.27<br>17.94 | 29.80<br>43.35 | 0.48<br>0.41 | OK<br>OK | 6.32<br>7.93 | 36.96<br>53.76 | 0.17<br>0.15 | OK<br>OK | 0.77<br>1.00 | 1.49<br>2.00 | 0.52<br>0.50 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 4.91<br>7.55 | 29.80<br>43.35 | 0.16<br>0.17 | OK<br>OK | 2.38<br>3.66 | 36.96<br>53.76 | 0.06<br>0.07 | OK<br>OK | 0.45<br>0.70 | 1.89<br>2.00 | 0.24<br>0.35 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.27<br>0.27 | 7.13<br>10.37 | 0.04<br>0.03 | OK<br>OK | 0.70<br>0.70 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.39<br>1.03 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.01<br>0.01 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.12<br>0.12 | 15.84<br>23.04 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.07<br>0.18 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y1又Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.09<br>0.10 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.52<br>0.55 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.16<br>0.17 | 33.53<br>48.77 | 0.00<br>0.00 | OK<br>OK | 0.72<br>0.76 | 36.96<br>53.76 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.42<br>0.45 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 0.91<br>0.99 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.04<br>0.05 | 0.31<br>0.83 | 0.14<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.08<br>0.08 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.37<br>0.37 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y2 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 4.43<br>5.50 | 29.80<br>43.35 | 0.15<br>0.13 | OK<br>OK | 6.72<br>8.24 | 36.96<br>53.76 | 0.18<br>0.15 | OK<br>OK | 0.04<br>0.04 | 0.57<br>1.52 | 0.06<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.26 | 4.95<br>7.20 | 0.05<br>0.04 | OK<br>OK | 0.67<br>0.74 | 13.20<br>19.20 | 0.05<br>0.04 | OK<br>OK | 0.02<br>0.02 | 0.29<br>0.76 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y2又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.76<br>0.86 | 33.53<br>48.77 | 0.02<br>0.02 | OK<br>OK | 2.92<br>3.28 | 36.96<br>53.76 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X9<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.46<br>0.55 | 4.95<br>7.20 | 0.09<br>0.08 | OK<br>OK | 0.91<br>1.03 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.04<br>0.04 | 0.28<br>0.75 | 0.13<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.35<br>0.38 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 0.81<br>0.88 | 13.20<br>19.20 | 0.06<br>0.05 | OK<br>OK | 0.03<br>0.03 | 0.29<br>0.77 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.11<br>1.25 | 33.53<br>48.77 | 0.03<br>0.03 | OK<br>OK | 2.31<br>2.50 | 36.96<br>53.76 | 0.06<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.04 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.20<br>0.23 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y3又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.33 | 4.95<br>7.20 | 0.05<br>0.05 | OK<br>OK | 0.60<br>0.81 | 13.20<br>19.20 | 0.05<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.16<br>0.44 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y3又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.08 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.27<br>0.31 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y3又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 4.11<br>4.89 | 21.90<br>31.85 | 0.19<br>0.15 | OK<br>OK | 5.32<br>6.54 | 31.68<br>46.08 | 0.17<br>0.14 | OK<br>OK | 0.13<br>0.15 | 0.84<br>2.00 | 0.15<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.05 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.17<br>0.22 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.22<br>0.59 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.03 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.14<br>0.18 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.21<br>0.57 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.10 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.32<br>0.37 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.11 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.58<br>0.81 | 13.20<br>19.20 | 0.04<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.08<br>1.30 | 27.37<br>39.81 | 0.04<br>0.03 | OK<br>OK | 2.02<br>2.29 | 31.68<br>46.08 | 0.06<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.03 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.07<br>0.11 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.16<br>0.43 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.01<br>0.02 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.06<br>0.10 | 13.20<br>19.20 | 0.00<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y5 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.26<br>0.26 | 27.37<br>39.81 | 0.01<br>0.01 | OK<br>OK | 0.67<br>0.67 | 31.68<br>46.08 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.07 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.11<br>0.18 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.01 | 0.27<br>0.71 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y5Y8 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 8.35<br>10.70 | 21.90<br>31.85 | 0.38<br>0.34 | OK<br>OK | 4.65<br>5.75 | 31.68<br>46.08 | 0.15<br>0.12 | OK<br>OK | 0.77<br>0.99 | 1.49<br>2.00 | 0.52<br>0.50 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y5Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.25 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.29<br>0.49 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.31<br>0.83 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y5Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.10 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.13<br>0.21 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.01<br>0.01 | 0.32<br>0.84 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.10 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.13<br>0.21 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.01<br>0.01 | 0.31<br>0.82 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.81 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y1<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.03 | 4.95<br>7.20 | 0.01<br>0.00 | OK<br>OK | 0.21<br>0.21 | 13.20<br>19.20 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.28 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 1.01<br>1.01 | 13.20<br>19.20 | 0.08<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.28<br>0.73 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.08<br>0.08 | 12.67<br>18.43 | 0.01<br>0.00 | OK<br>OK | 0.47<br>0.47 | 21.12<br>30.72 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.24<br>0.32 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 1.06<br>1.40 | 36.96<br>53.76 | 0.03<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.11<br>0.11 | 3.67<br>5.35 | 0.03<br>0.02 | OK<br>OK | 0.49<br>0.49 | 6.34<br>9.22 | 0.08<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.97<br>1.17 | 12.67<br>18.43 | 0.08<br>0.06 | OK<br>OK | 1.76<br>1.98 | 21.12<br>30.72 | 0.08<br>0.06 | OK<br>OK | 0.02<br>0.03 | 0.45<br>1.21 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又X10又<br>又X14又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 8.67<br>13.74 | 29.80<br>43.35 | 0.29<br>0.32 | OK<br>OK | 3.64<br>5.91 | 36.96<br>53.76 | 0.10<br>0.11 | OK<br>OK | 0.79<br>1.26 | 1.89<br>2.00 | 0.42<br>0.63 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.46<br>0.57 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 1.78<br>2.17 | 36.96<br>53.76 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>又X10又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.25<br>1.49 | 37.26<br>54.19 | 0.03<br>0.03 | OK<br>OK | 2.82<br>3.36 | 36.96<br>53.76 | 0.08<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.44<br>1.19 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>又X13又Y４ | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.76<br>10.62 | 29.80<br>43.35 | 0.23<br>0.24 | OK<br>OK | 3.89<br>5.90 | 36.96<br>53.76 | 0.11<br>0.11 | OK<br>OK | 0.62<br>0.97 | 1.87<br>2.00 | 0.33<br>0.48 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.95<br>1.06 | 11.40<br>16.59 | 0.08<br>0.06 | OK<br>OK | 2.07<br>2.32 | 21.12<br>30.72 | 0.10<br>0.08 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.95<br>1.07 | 12.67<br>18.43 | 0.07<br>0.06 | OK<br>OK | 1.96<br>2.13 | 21.12<br>30.72 | 0.09<br>0.07 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X14又Y２ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X20又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.68<br>0.68 | 9.70<br>14.11 | 0.07<br>0.05 | OK<br>OK | 1.50<br>1.50 | 18.48<br>26.88 | 0.08<br>0.06 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X18又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.31<br>0.53 | 7.13<br>10.37 | 0.04<br>0.05 | OK<br>OK | 0.34<br>0.58 | 15.84<br>23.04 | 0.02<br>0.03 | OK<br>OK | 0.03<br>0.05 | 0.68<br>1.82 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.58<br>0.70 | 12.67<br>18.43 | 0.05<br>0.04 | OK<br>OK | 1.50<br>1.70 | 21.12<br>30.72 | 0.07<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.34<br>0.91 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X９又Y３<br>又X11又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.65<br>2.76 | 29.80<br>43.35 | 0.06<br>0.06 | OK<br>OK | 1.55<br>2.57 | 36.96<br>53.76 | 0.04<br>0.05 | OK<br>OK | 0.05<br>0.08 | 1.08<br>2.00 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X９又Y３<br>又X10又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y３<br>又X19又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.45<br>0.45 | 7.13<br>10.37 | 0.06<br>0.04 | OK<br>OK | 1.25<br>1.25 | 15.84<br>23.04 | 0.08<br>0.05 | OK<br>OK | 0.02<br>0.02 | 0.36<br>0.97 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X17又Y３ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.67<br>0.93 | 7.13<br>10.37 | 0.09<br>0.09 | OK<br>OK | 2.15<br>2.87 | 15.84<br>23.04 | 0.14<br>0.12 | OK<br>OK | 0.02<br>0.02 | 0.32<br>0.85 | 0.06<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X17又Y４ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X21又Y４ | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.90<br>1.12 | 8.73<br>12.70 | 0.10<br>0.09 | OK<br>OK | 2.94<br>4.03 | 18.48<br>26.88 | 0.16<br>0.15 | OK<br>OK | 0.04<br>0.04 | 0.45<br>1.21 | 0.08<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又Y４ | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.14<br>0.17 | 33.53<br>48.77 | 0.00<br>0.00 | OK<br>OK | 1.06<br>1.47 | 36.96<br>53.76 | 0.03<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.67 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X14又Y４ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.34<br>0.34 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.50 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X20又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.21<br>0.21 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.62<br>0.62 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y４<br>又X15又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.44<br>2.23 | 33.53<br>48.77 | 0.04<br>0.05 | OK<br>OK | 3.55<br>5.41 | 36.96<br>53.76 | 0.10<br>0.10 | OK<br>OK | 0.00<br>0.01 | 0.35<br>0.93 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y４<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.22<br>0.22 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.62<br>0.62 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.35<br>0.92 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X９又Y４<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.73 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又X12又Y4<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.34<br>0.34 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.50 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y4<br>又X12又Y4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.02<br>0.02 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.20<br>0.20 | 21.12<br>30.72 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X21又Y4<br>又X22又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.79<br>0.95 | 8.73<br>12.70 | 0.09<br>0.07 | OK<br>OK | 2.48<br>3.31 | 18.48<br>26.88 | 0.13<br>0.12 | OK<br>OK | 0.03<br>0.04 | 0.46<br>1.21 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y4<br>又X17又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.27<br>0.27 | 9.70<br>14.11 | 0.03<br>0.02 | OK<br>OK | 0.70<br>0.70 | 18.48<br>26.88 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.39<br>1.03 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y4<br>又X18又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.33<br>1.84 | 7.76<br>11.29 | 0.17<br>0.16 | OK<br>OK | 2.68<br>3.81 | 18.48<br>26.88 | 0.15<br>0.14 | OK<br>OK | 0.09<br>0.13 | 0.57<br>1.52 | 0.17<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X14又Y4 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.81<br>2.63 | 33.53<br>48.77 | 0.05<br>0.05 | OK<br>OK | 4.37<br>6.30 | 36.96<br>53.76 | 0.12<br>0.12 | OK<br>OK | 0.01<br>0.01 | 0.45<br>1.21 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又Y4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.35<br>0.92 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.16<br>0.16 | 9.70<br>14.11 | 0.02<br>0.01 | OK<br>OK | 0.54<br>0.54 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.80 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X17又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.02<br>1.71 | 5.70<br>8.29 | 0.18<br>0.21 | OK<br>OK | 0.66<br>1.10 | 15.84<br>23.04 | 0.04<br>0.05 | OK<br>OK | 0.20<br>0.33 | 0.84<br>2.00 | 0.23<br>0.16 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.90<br>2.78 | 29.80<br>43.35 | 0.06<br>0.06 | OK<br>OK | 3.02<br>4.36 | 36.96<br>53.76 | 0.08<br>0.08 | OK<br>OK | 0.01<br>0.02 | 0.57<br>1.53 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X22又<br>又X22又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.03<br>0.03 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.26<br>0.26 | 18.48<br>26.88 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X21又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.82<br>3.07 | 8.73<br>12.70 | 0.21<br>0.24 | OK<br>OK | 1.00<br>1.68 | 18.48<br>26.88 | 0.05<br>0.06 | OK<br>OK | 0.23<br>0.39 | 0.91<br>2.00 | 0.25<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X18又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.16<br>1.76 | 7.76<br>11.29 | 0.15<br>0.16 | OK<br>OK | 4.33<br>6.63 | 18.48<br>26.88 | 0.23<br>0.25 | OK<br>OK | 0.07<br>0.09 | 0.52<br>1.39 | 0.12<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | 又X22又<br>又又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.13<br>0.13 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.58<br>0.58 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.27<br>0.27 | 9.70<br>14.11 | 0.03<br>0.02 | OK<br>OK | 0.70<br>0.70 | 18.48<br>26.88 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.39<br>1.03 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.27<br>1.78 | 8.73<br>12.70 | 0.15<br>0.14 | OK<br>OK | 2.32<br>3.14 | 18.48<br>26.88 | 0.13<br>0.12 | OK<br>OK | 0.09<br>0.11 | 0.61<br>1.63 | 0.14<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X17又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.80 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>又X10又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.49<br>0.64 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 1.05<br>1.27 | 36.96<br>53.76 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.06 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>X10又Y５ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X21又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.41<br>0.41 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X22又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.08<br>0.05 | OK<br>OK | 0.82<br>0.82 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.04<br>0.04 | 0.45<br>1.21 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.37 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 0.82<br>0.82 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又Y5<br>又X22又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.90<br>3.19 | 8.73<br>12.70 | 0.22<br>0.25 | OK<br>OK | 1.04<br>1.75 | 18.48<br>26.88 | 0.06<br>0.07 | OK<br>OK | 0.24<br>0.40 | 0.91<br>2.00 | 0.26<br>0.20 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又X18又Y5<br>又X19又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.02<br>0.02 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.18<br>0.18 | 18.48<br>26.88 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y5<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.70<br>0.70 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y5<br>又X16又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.75<br>1.27 | 6.42<br>9.33 | 0.12<br>0.14 | OK<br>OK | 1.22<br>2.04 | 15.84<br>23.04 | 0.08<br>0.09 | OK<br>OK | 0.06<br>0.11 | 0.61<br>1.63 | 0.10<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X21又Y5<br>又又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.53<br>0.55 | 9.70<br>14.11 | 0.05<br>0.04 | OK<br>OK | 1.17<br>1.20 | 18.48<br>26.88 | 0.06<br>0.04 | OK<br>OK | 0.02<br>0.02 | 0.45<br>1.21 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又Y5<br>又X19又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.09<br>0.09 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.41<br>0.41 | 18.48<br>26.88 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又Y5<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.08<br>0.05 | OK<br>OK | 0.82<br>0.82 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.04<br>0.04 | 0.46<br>1.21 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X10又Y5<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.33<br>0.33 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 0.78<br>0.78 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.43<br>1.15 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X10又Y5<br>又X10又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.70<br>0.70 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y5<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.05 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>X10又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X21又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.71<br>0.84 | 9.70<br>14.11 | 0.07<br>0.06 | OK<br>OK | 1.55<br>1.85 | 18.48<br>26.88 | 0.08<br>0.07 | OK<br>OK | 0.03<br>0.03 | 0.46<br>1.21 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.63<br>0.99 | 11.40<br>16.59 | 0.06<br>0.06 | OK<br>OK | 2.44<br>3.78 | 21.12<br>30.72 | 0.12<br>0.12 | OK<br>OK | 0.00<br>0.01 | 0.26<br>0.70 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X18又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.83<br>3.08 | 7.76<br>11.29 | 0.24<br>0.27 | OK<br>OK | 1.20<br>2.01 | 18.48<br>26.88 | 0.06<br>0.07 | OK<br>OK | 0.27<br>0.46 | 0.91<br>2.00 | 0.30<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.34<br>0.40 | 9.70<br>14.11 | 0.03<br>0.03 | OK<br>OK | 1.07<br>1.27 | 18.48<br>26.88 | 0.06<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.31<br>0.84 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X14又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.40<br>2.36 | 8.73<br>12.70 | 0.16<br>0.19 | OK<br>OK | 0.82<br>1.37 | 18.48<br>26.88 | 0.04<br>0.05 | OK<br>OK | 0.17<br>0.28 | 0.89<br>2.00 | 0.19<br>0.14 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X16又Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.07 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.36<br>0.36 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.07 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.36<br>0.36 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.07<br>0.07 | 12.67<br>18.43 | 0.01<br>0.00 | OK<br>OK | 0.36<br>0.36 | 21.12<br>30.72 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.62 | 12.67<br>18.43 | 0.03<br>0.03 | OK<br>OK | 1.37<br>2.30 | 21.12<br>30.72 | 0.06<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.23 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.37 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 0.82<br>0.82 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y6<br>又X18又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.53<br>0.64 | 8.73<br>12.70 | 0.06<br>0.05 | OK<br>OK | 1.35<br>1.61 | 18.48<br>26.88 | 0.07<br>0.06 | OK<br>OK | 0.02<br>0.02 | 0.40<br>1.06 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y6<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y6<br>又X16又Y6 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.14<br>0.16 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.68<br>0.81 | 18.48<br>26.88 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y6<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.33<br>0.33 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 0.78<br>0.78 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.43<br>1.15 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y6<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.11<br>0.18 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 1.39<br>2.23 | 21.12<br>30.72 | 0.07<br>0.07 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.23 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.25<br>0.25 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.68<br>0.68 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.38<br>1.00 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X16又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.71<br>0.84 | 12.67<br>18.43 | 0.06<br>0.05 | OK<br>OK | 1.55<br>1.85 | 21.12<br>30.72 | 0.07<br>0.06 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X９又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.30<br>0.50 | 7.13<br>10.37 | 0.04<br>0.05 | OK<br>OK | 1.10<br>1.85 | 15.84<br>23.04 | 0.07<br>0.08 | OK<br>OK | 0.01<br>0.02 | 0.46<br>1.23 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X９又Y７<br>又X11又Y６ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.71<br>1.19 | 6.42<br>9.33 | 0.11<br>0.13 | OK<br>OK | 0.71<br>1.19 | 15.84<br>23.04 | 0.04<br>0.05 | OK<br>OK | 0.09<br>0.14 | 0.71<br>1.89 | 0.12<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y７<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.63<br>0.75 | 12.67<br>18.43 | 0.05<br>0.04 | OK<br>OK | 1.47<br>1.74 | 21.12<br>30.72 | 0.07<br>0.06 | OK<br>OK | 0.01<br>0.02 | 0.43<br>1.15 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又Y７ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.21 | 7.13<br>10.37 | 0.02<br>0.02 | OK<br>OK | 0.78<br>0.92 | 15.84<br>23.04 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.21 | 6.42<br>9.33 | 0.03<br>0.02 | OK<br>OK | 0.78<br>0.92 | 15.84<br>23.04 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.21 | 7.13<br>10.37 | 0.02<br>0.02 | OK<br>OK | 0.78<br>0.92 | 15.84<br>23.04 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X９Y８<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.09<br>0.10 | 7.13<br>10.37 | 0.01<br>0.01 | OK<br>OK | 0.55<br>0.65 | 15.84<br>23.04 | 0.03<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.16<br>0.43 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| 1 | Y０<br>X０又X１ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.38<br>0.47 | 12.67<br>18.43 | 0.03<br>0.03 | OK<br>OK | 1.27<br>1.56 | 21.12<br>30.72 | 0.06<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.54 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X１又X２ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.36<br>1.67 | 11.40<br>16.59 | 0.12<br>0.10 | OK<br>OK | 2.40<br>2.95 | 21.12<br>30.72 | 0.11<br>0.10 | OK<br>OK | 0.06<br>0.07 | 0.38<br>1.01 | 0.15<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X２又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.35<br>1.65 | 12.67<br>18.43 | 0.11<br>0.09 | OK<br>OK | 2.38<br>2.93 | 21.12<br>30.72 | 0.11<br>0.10 | OK<br>OK | 0.05<br>0.06 | 0.38<br>1.00 | 0.13<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X４ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.01<br>0.01 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.18<br>0.23 | 21.12<br>30.72 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.08 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>X４ | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.18<br>0.22 | 28.91<br>42.05 | 0.01<br>0.01 | OK<br>OK | 1.21<br>1.39 | 34.32<br>49.92 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X５ | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 1.95<br>3.83 | 28.91<br>52.57 | 0.07<br>0.07 | OK<br>OK | 7.35<br>14.23 | 34.32<br>62.40 | 0.21<br>0.23 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X５ | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X５又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 5.66<br>6.39 | 28.91<br>52.57 | 0.20<br>0.12 | OK<br>OK | 13.69<br>19.61 | 34.32<br>62.40 | 0.40<br>0.31 | OK<br>OK | 0.03<br>0.04 | 0.30<br>0.81 | 0.10<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 4.57<br>5.34 | 28.91<br>52.57 | 0.16<br>0.10 | OK<br>OK | 13.08<br>17.68 | 34.32<br>62.40 | 0.38<br>0.28 | OK<br>OK | 0.02<br>0.03 | 0.30<br>0.81 | 0.08<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.80<br>3.12 | 33.53<br>48.77 | 0.08<br>0.06 | OK<br>OK | 13.04<br>14.81 | 36.96<br>53.76 | 0.35<br>0.28 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又又X７ | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.21<br>2.29 | 33.53<br>48.77 | 0.07<br>0.05 | OK<br>OK | 5.44<br>5.73 | 36.96<br>53.76 | 0.15<br>0.11 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.54 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X７又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 3.08<br>6.30 | 33.53<br>60.96 | 0.09<br>0.10 | OK<br>OK | 7.11<br>14.17 | 36.96<br>67.20 | 0.19<br>0.21 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X７又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X９ | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.15<br>0.20 | 33.53<br>48.77 | 0.00<br>0.00 | OK<br>OK | 0.67<br>0.88 | 36.96<br>53.76 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y０<br>又X９ | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又Y０<br>X０X４ | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 12.35<br>31.29 | 25.70<br>46.73 | 0.48<br>0.67 | OK<br>OK | 7.49<br>17.29 | 34.32<br>62.40 | 0.22<br>0.28 | OK<br>OK | 0.85<br>1.93 | 0.99<br>2.00 | 0.86<br>0.97 | OK<br>OK | ○ | ○ | ○ |
| | Y１<br>X０又X１ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.86<br>0.86 | 13.20<br>19.20 | 0.07<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y１<br>又X１又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.27 | 4.95<br>7.20 | 0.05<br>0.04 | OK<br>OK | 1.02<br>1.02 | 13.20<br>19.20 | 0.08<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.17<br>0.46 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | Y1<br>又又X3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.05<br>2.05 | 7.13<br>10.37 | 0.29<br>0.20 | OK<br>OK | 3.00<br>3.00 | 15.84<br>23.04 | 0.19<br>0.13 | OK<br>OK | 0.22<br>0.22 | 0.46<br>1.21 | 0.49<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X3X4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.38<br>0.38 | 4.95<br>7.20 | 0.08<br>0.05 | OK<br>OK | 1.24<br>1.24 | 13.20<br>19.20 | 0.09<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.21<br>0.55 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.30<br>0.30 | 3.96<br>5.76 | 0.08<br>0.05 | OK<br>OK | 1.23<br>1.23 | 13.20<br>19.20 | 0.09<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.56<br>7.25 | 10.14<br>18.43 | 0.15<br>0.39 | OK<br>OK | 3.79<br>16.28 | 21.12<br>38.40 | 0.18<br>0.42 | OK<br>OK | 0.01<br>0.04 | 0.15<br>0.40 | 0.06<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X5又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+K | 648<br>5832 | 0.60<br>3.92 | 7.13<br>12.96 | 0.08<br>0.30 | OK<br>OK | 1.77<br>9.05 | 15.84<br>28.80 | 0.11<br>0.31 | OK<br>OK | 0.01<br>0.04 | 0.15<br>0.40 | 0.05<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 1.62<br>3.61 | 19.80<br>36.00 | 0.08<br>0.10 | OK<br>OK | 5.69<br>12.43 | 26.40<br>48.00 | 0.22<br>0.26 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>X6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.73<br>2.26 | 19.80<br>28.80 | 0.09<br>0.08 | OK<br>OK | 6.09<br>7.85 | 26.40<br>38.40 | 0.23<br>0.20 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X7又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y1<br>又X9 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.65<br>0.65 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 1.61<br>1.61 | 26.40<br>38.40 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又Y1<br>X0X4 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 18.70<br>35.46 | 34.21<br>62.21 | 0.55<br>0.57 | OK<br>OK | 12.57<br>16.91 | 39.60<br>72.00 | 0.32<br>0.23 | OK<br>OK | 0.77<br>1.40 | 0.99<br>2.00 | 0.78<br>0.70 | OK<br>OK | ○ | ○ | ○ |
| | 又Y1<br>X4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.25<br>0.25 | 8.73<br>12.70 | 0.03<br>0.02 | OK<br>OK | 1.72<br>1.72 | 18.48<br>26.88 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y1<br>又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.02<br>0.02 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.24<br>0.24 | 18.48<br>26.88 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.05<br>0.13 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y1<br>又X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.04<br>0.04 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.38<br>0.38 | 18.48<br>26.88 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y1<br>X5又X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.02<br>0.02 | 9.70<br>14.11 | 0.00<br>0.00 | OK<br>OK | 0.17<br>0.17 | 18.48<br>26.88 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X9 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.68<br>1.68 | 15.84<br>23.04 | 0.11<br>0.07 | OK<br>OK | 3.26<br>3.26 | 26.40<br>38.40 | 0.12<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 9.71<br>9.71 | 21.90<br>31.85 | 0.44<br>0.30 | OK<br>OK | 6.17<br>6.17 | 31.68<br>46.08 | 0.19<br>0.13 | OK<br>OK | 0.61<br>0.61 | 0.99<br>2.00 | 0.62<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | 0.59<br>0.41 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | 0.82<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.04<br>4.99 | 10.14<br>18.43 | 0.10<br>0.27 | OK<br>OK | 2.46<br>11.13 | 21.12<br>38.40 | 0.12<br>0.29 | OK<br>OK | 0.01<br>0.03 | 0.15<br>0.40 | 0.04<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又<br>又X7又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.04 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.28<br>0.28 | 13.20<br>19.20 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.26 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.48<br>0.48 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | 0.59<br>0.41 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | 0.82<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.15<br>5.09 | 10.14<br>18.43 | 0.11<br>0.28 | OK<br>OK | 2.69<br>11.36 | 21.12<br>38.40 | 0.13<br>0.30 | OK<br>OK | 0.01<br>0.03 | 0.15<br>0.40 | 0.04<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | 0.59<br>0.41 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | 0.82<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | 0.59<br>0.41 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | 0.82<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>X4X5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 4.84<br>6.25 | 25.70<br>46.73 | 0.19<br>0.13 | OK<br>OK | 11.36<br>14.59 | 34.32<br>62.40 | 0.33<br>0.23 | OK<br>OK | 0.01<br>0.02 | 0.25<br>0.67 | 0.06<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>X5又X5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 1.29<br>1.71 | 25.70<br>46.73 | 0.05<br>0.04 | OK<br>OK | 11.27<br>14.96 | 34.32<br>62.40 | 0.33<br>0.24 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.25 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>又X5又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 7.40<br>8.42 | 25.70<br>46.73 | 0.29<br>0.18 | OK<br>OK | 18.23<br>20.22 | 34.32<br>62.40 | 0.53<br>0.32 | OK<br>OK | 0.04<br>0.04 | 0.31<br>0.84 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>又X6 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 5.41<br>5.41 | 25.70<br>37.38 | 0.21<br>0.14 | OK<br>OK | 8.37<br>8.37 | 34.32<br>49.92 | 0.24<br>0.17 | OK<br>OK | 0.02<br>0.02 | 0.27<br>0.73 | 0.07<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>X6又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 3.27<br>3.36 | 34.21<br>49.77 | 0.10<br>0.07 | OK<br>OK | 10.11<br>10.35 | 39.60<br>57.60 | 0.26<br>0.18 | OK<br>OK | 0.00<br>0.00 | 0.21<br>0.55 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>又X7 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.04<br>0.04 | 42.77<br>62.21 | 0.00<br>0.00 | OK<br>OK | 0.47<br>0.47 | 39.60<br>57.60 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.16 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>X7又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 3.46<br>4.13 | 34.21<br>62.21 | 0.10<br>0.07 | OK<br>OK | 13.01<br>15.61 | 39.60<br>72.00 | 0.33<br>0.22 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.62 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>又又X8 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.58<br>0.58 | 38.49<br>55.99 | 0.01<br>0.01 | OK<br>OK | 2.66<br>2.66 | 39.60<br>57.60 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y2<br>又X8X9 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.06<br>0.06 | 42.77<br>62.21 | 0.00<br>0.00 | OK<br>OK | 0.51<br>0.51 | 39.60<br>57.60 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.22 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | 0.59<br>0.41 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | 0.82<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.82<br>12.82 | 21.90<br>31.85 | 0.59<br>0.40 | OK<br>OK | 8.10<br>8.10 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | 0.83<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | 又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.30<br>5.25 | 10.14<br>18.43 | 0.13<br>0.28 | OK<br>OK | 3.03<br>11.71 | 21.12<br>38.40 | 0.14<br>0.30 | OK<br>OK | 0.01<br>0.03 | 0.15<br>0.40 | 0.05<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | 又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | 0.02<br>0.01 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | 0.02<br>0.01 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X0又X1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.37<br>0.37 | 23.00<br>33.45 | 0.02<br>0.01 | OK<br>OK | 1.62<br>1.62 | 29.04<br>42.24 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X0又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X1又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X1又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.44<br>0.44 | 23.00<br>33.45 | 0.02<br>0.01 | OK<br>OK | 1.95<br>1.95 | 29.04<br>42.24 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 4.31<br>11.40 | 18.40<br>33.45 | 0.23<br>0.34 | OK<br>OK | 8.14<br>21.35 | 29.04<br>52.80 | 0.28<br>0.40 | OK<br>OK | 0.07<br>0.18 | 0.40<br>1.06 | 0.18<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X3X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.52<br>1.52 | 27.37<br>39.81 | 0.06<br>0.04 | OK<br>OK | 3.56<br>3.56 | 31.68<br>46.08 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.28<br>0.76 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | Y3<br>X4又X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.18<br>0.18 | 27.37<br>39.81 | 0.01<br>0.00 | OK<br>OK | 1.25<br>1.25 | 31.68<br>46.08 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.26 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X4又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 1.19<br>2.30 | 24.63<br>44.79 | 0.05<br>0.05 | OK<br>OK | 4.29<br>7.62 | 31.68<br>57.60 | 0.14<br>0.13 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.35 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X5又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 2.22<br>3.97 | 18.40<br>33.45 | 0.12<br>0.12 | OK<br>OK | 5.46<br>9.32 | 29.04<br>52.80 | 0.19<br>0.18 | OK<br>OK | 0.01<br>0.02 | 0.23<br>0.61 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.14<br>3.64 | 18.40<br>26.76 | 0.17<br>0.14 | OK<br>OK | 9.01<br>10.63 | 29.04<br>42.24 | 0.31<br>0.25 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.79<br>1.79 | 20.70<br>30.11 | 0.09<br>0.06 | OK<br>OK | 4.80<br>4.80 | 29.04<br>42.24 | 0.17<br>0.11 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X6X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 2.66<br>4.44 | 20.70<br>37.64 | 0.13<br>0.12 | OK<br>OK | 11.35<br>37.11 | 29.04<br>52.80 | 0.39<br>0.70 | OK<br>OK | 0.02<br>0.03 | 0.27<br>0.71 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X7又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.06<br>0.06 | 20.70<br>30.11 | 0.00<br>0.00 | OK<br>OK | 2.16<br>2.16 | 29.04<br>42.24 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.11 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X7X9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.73<br>9.69 | 18.40<br>26.76 | 0.47<br>0.36 | OK<br>OK | 14.18<br>16.36 | 29.04<br>42.24 | 0.49<br>0.39 | OK<br>OK | 0.13<br>0.14 | 0.37<br>1.00 | 0.34<br>0.14 | OK<br>OK | ○ | ○ | ○ |
| | X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 6.45<br>6.45 | 15.84<br>23.04 | 0.41<br>0.28 | OK<br>OK | 5.57<br>5.57 | 26.40<br>38.40 | 0.21<br>0.15 | OK<br>OK | 0.35<br>0.35 | 0.70<br>1.87 | 0.50<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | X3X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.21<br>3.21 | 12.67<br>18.43 | 0.25<br>0.17 | OK<br>OK | 4.00<br>4.00 | 21.12<br>30.72 | 0.19<br>0.13 | OK<br>OK | 0.16<br>0.16 | 0.53<br>1.42 | 0.30<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | X5X7 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 11.75<br>11.75 | 25.70<br>37.38 | 0.46<br>0.31 | OK<br>OK | 7.92<br>7.92 | 34.32<br>49.92 | 0.23<br>0.16 | OK<br>OK | 0.55<br>0.55 | 0.95<br>2.00 | 0.58<br>0.28 | OK<br>OK | ○ | ○ | ○ |
| | X7X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.79<br>0.79 | 4.95<br>7.20 | 0.16<br>0.11 | OK<br>OK | 1.84<br>1.84 | 13.20<br>19.20 | 0.14<br>0.10 | OK<br>OK | 0.05<br>0.05 | 0.29<br>0.76 | 0.16<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X8X9 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.09<br>0.09 | 9.70<br>14.11 | 0.01<br>0.01 | OK<br>OK | 0.48<br>0.48 | 18.48<br>26.88 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.85<br>4.85 | 15.84<br>23.04 | 0.31<br>0.21 | OK<br>OK | 4.27<br>4.27 | 26.40<br>38.40 | 0.16<br>0.11 | OK<br>OK | 0.27<br>0.27 | 0.70<br>1.87 | 0.38<br>0.14 | OK<br>OK | ○ | ○ | ○ |
| | X3X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.47<br>2.47 | 12.67<br>18.43 | 0.20<br>0.13 | OK<br>OK | 3.09<br>3.09 | 21.12<br>30.72 | 0.15<br>0.10 | OK<br>OK | 0.13<br>0.13 | 0.53<br>1.42 | 0.23<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | X5X7 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 11.75<br>11.75 | 25.70<br>37.38 | 0.46<br>0.31 | OK<br>OK | 7.92<br>7.92 | 34.32<br>49.92 | 0.23<br>0.16 | OK<br>OK | 0.55<br>0.55 | 0.95<br>2.00 | 0.58<br>0.28 | OK<br>OK | ○ | ○ | ○ |
| | X7X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.79<br>0.79 | 4.95<br>7.20 | 0.16<br>0.11 | OK<br>OK | 1.84<br>1.84 | 13.20<br>19.20 | 0.14<br>0.10 | OK<br>OK | 0.05<br>0.05 | 0.29<br>0.76 | 0.16<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X8X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.16<br>0.16 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.85<br>0.85 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X0X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.18<br>0.18 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.80<br>0.80 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.05 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.21 | 13.20<br>19.20 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.77<br>0.77 | 11.40<br>16.59 | 0.07<br>0.05 | OK<br>OK | 1.79<br>1.79 | 21.12<br>30.72 | 0.08<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.62 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.11<br>0.11 | 4.95<br>7.20 | 0.02<br>0.02 | OK<br>OK | 0.33<br>0.33 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.62 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 4.18<br>4.38 | 10.14<br>14.75 | 0.41<br>0.30 | OK<br>OK | 6.10<br>6.29 | 21.12<br>30.72 | 0.29<br>0.20 | OK<br>OK | 0.10<br>0.10 | 0.32<br>0.86 | 0.30<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.22 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.46<br>0.46 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.02<br>0.02 | 0.32<br>0.86 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X3X5 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 11.10<br>12.16 | 27.37<br>39.81 | 0.41<br>0.31 | OK<br>OK | 10.92<br>11.91 | 31.68<br>46.08 | 0.34<br>0.26 | OK<br>OK | 0.19<br>0.20 | 0.53<br>1.42 | 0.35<br>0.14 | OK<br>OK | ○ | ○ | ○ |
| | 又Y4<br>X5X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 10.04<br>10.04 | 18.40<br>26.76 | 0.55<br>0.38 | OK<br>OK | 6.77<br>6.77 | 29.04<br>42.24 | 0.23<br>0.16 | OK<br>OK | 0.78<br>0.78 | 0.95<br>2.00 | 0.82<br>0.39 | OK<br>OK | ○ | ○ | ○ |
| | 又Y4<br>X7X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.70<br>0.70 | 4.95<br>7.20 | 0.14<br>0.10 | OK<br>OK | 1.64<br>1.64 | 13.20<br>19.20 | 0.12<br>0.09 | OK<br>OK | 0.04<br>0.04 | 0.29<br>0.76 | 0.15<br>0.05 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又Y4<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.47<br>0.47 | 13.20<br>19.20 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.29<br>1.29 | 13.20<br>19.20 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.47 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X4X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.29<br>1.29 | 13.20<br>19.20 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.47 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.87<br>8.87 | 18.40<br>26.76 | 0.48<br>0.33 | OK<br>OK | 5.99<br>5.99 | 29.04<br>42.24 | 0.21<br>0.14 | OK<br>OK | 0.69<br>0.69 | 0.95<br>2.00 | 0.72<br>0.34 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X7又X7 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.01<br>0.01 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.16<br>0.16 | 36.96<br>53.76 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.10 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.11<br>1.11 | 37.26<br>54.19 | 0.03<br>0.02 | OK<br>OK | 2.96<br>2.96 | 36.96<br>53.76 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.67 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.09<br>0.09 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.47<br>0.47 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0又X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.15<br>0.15 | 11.40<br>16.59 | 0.01<br>0.01 | OK<br>OK | 3.78<br>3.78 | 21.12<br>30.72 | 0.18<br>0.12 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 7.12<br>7.12 | 28.91<br>42.05 | 0.25<br>0.17 | OK<br>OK | 6.74<br>6.74 | 34.32<br>49.92 | 0.20<br>0.14 | OK<br>OK | 0.17<br>0.17 | 0.70<br>1.87 | 0.24<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.25<br>0.25 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.67<br>0.67 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.66 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.09<br>0.09 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.41<br>0.41 | 21.12<br>30.72 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X2X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.20<br>0.20 | 7.13<br>10.37 | 0.03<br>0.02 | OK<br>OK | 0.71<br>0.71 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.13<br>0.13 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.59<br>0.59 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X1X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 3.49<br>3.49 | 7.76<br>11.29 | 0.45<br>0.31 | OK<br>OK | 4.09<br>4.09 | 18.48<br>26.88 | 0.22<br>0.15 | OK<br>OK | 0.37<br>0.37 | 0.56<br>1.48 | 0.67<br>0.25 | OK<br>OK | ○ | ○ | ○ |
| | X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 11.92<br>12.70 | 18.40<br>26.76 | 0.65<br>0.47 | OK<br>OK | 11.74<br>12.46 | 29.04<br>42.24 | 0.40<br>0.30 | OK<br>OK | 0.31<br>0.34 | 0.53<br>1.42 | 0.59<br>0.24 | OK<br>OK | ○ | ○ | ○ |
| | X5X7 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 21.21<br>21.21 | 49.51<br>72.02 | 0.43<br>0.29 | OK<br>OK | 18.83<br>18.83 | 48.40<br>70.40 | 0.39<br>0.27 | OK<br>OK | 0.44<br>0.44 | 0.95<br>2.00 | 0.46<br>0.22 | OK<br>OK | ○ | ○ | ○ |
| | X8X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.09<br>0.09 | 7.13<br>10.37 | 0.01<br>0.01 | OK<br>OK | 0.48<br>0.48 | 15.84<br>23.04 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.21<br>0.21 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 1.08<br>1.08 | 21.12<br>30.72 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.14 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.62<br>0.62 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X1X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 8.96<br>23.57 | 18.40<br>33.45 | 0.49<br>0.70 | OK<br>OK | 10.98<br>27.39 | 29.04<br>52.80 | 0.38<br>0.52 | OK<br>OK | 0.23<br>0.66 | 0.56<br>1.48 | 0.42<br>0.45 | OK<br>OK | ○ | ○ | ○ |
| | X3X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 6.96<br>6.96 | 15.84<br>23.04 | 0.44<br>0.30 | OK<br>OK | 7.78<br>7.78 | 26.40<br>38.40 | 0.29<br>0.20 | OK<br>OK | 0.24<br>0.24 | 0.53<br>1.42 | 0.44<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | 又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 1.01<br>1.01 | 13.20<br>19.20 | 0.08<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X7又X7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.01<br>0.01 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.14<br>0.14 | 21.12<br>30.72 | 0.01<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.10 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.10<br>1.10 | 12.67<br>18.43 | 0.09<br>0.06 | OK<br>OK | 2.95<br>2.95 | 21.12<br>30.72 | 0.14<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.25<br>0.67 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.21<br>0.21 | 7.13<br>10.37 | 0.03<br>0.02 | OK<br>OK | 1.09<br>1.09 | 15.84<br>23.04 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X0X1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.22<br>0.22 | 23.00<br>33.45 | 0.01<br>0.01 | OK<br>OK | 1.02<br>1.02 | 29.04<br>42.24 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | Y5<br>X1X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 9.40<br>24.61 | 20.70<br>37.64 | 0.45<br>0.65 | OK<br>OK | 9.12<br>27.48 | 29.04<br>52.80 | 0.31<br>0.52 | OK<br>OK | 0.24<br>0.76 | 0.56<br>1.48 | 0.43<br>0.51 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.87<br>9.93 | 18.40<br>26.76 | 0.48<br>0.37 | OK<br>OK | 9.05<br>10.03 | 29.04<br>42.24 | 0.31<br>0.24 | OK<br>OK | 0.23<br>0.26 | 0.53<br>1.42 | 0.43<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.28 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 0.99<br>0.99 | 13.20<br>19.20 | 0.08<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X7X8 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.75<br>0.75 | 5.70<br>8.29 | 0.13<br>0.09 | OK<br>OK | 1.94<br>1.94 | 15.84<br>23.04 | 0.12<br>0.08 | OK<br>OK | 0.03<br>0.03 | 0.29<br>0.76 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X8X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.09<br>0.09 | 7.13<br>10.37 | 0.01<br>0.01 | OK<br>OK | 0.48<br>0.48 | 15.84<br>23.04 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.50<br>0.50 | 4.95<br>7.20 | 0.10<br>0.07 | OK<br>OK | 1.74<br>1.74 | 13.20<br>19.20 | 0.13<br>0.09 | OK<br>OK | 0.02<br>0.02 | 0.19<br>0.51 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>X7又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.50<br>3.21 | 20.70<br>30.11 | 0.12<br>0.11 | OK<br>OK | 11.81<br>15.19 | 29.04<br>42.24 | 0.41<br>0.36 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又X9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.63<br>1.63 | 20.70<br>30.11 | 0.08<br>0.05 | OK<br>OK | 4.18<br>4.18 | 29.04<br>42.24 | 0.14<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.60 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>X9又X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.41<br>0.41 | 7.13<br>10.37 | 0.06<br>0.04 | OK<br>OK | 1.81<br>1.81 | 15.84<br>23.04 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | <br>X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | 0.27<br>0.19 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | 0.20<br>0.14 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | 0.34<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | <br>X3X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 7.89<br>7.89 | 15.84<br>23.04 | 0.50<br>0.34 | OK<br>OK | 7.97<br>7.97 | 26.40<br>38.40 | 0.30<br>0.21 | OK<br>OK | 0.27<br>0.27 | 0.53<br>1.42 | 0.50<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.18<br>0.18 | 4.95<br>7.20 | 0.04<br>0.02 | OK<br>OK | 0.64<br>0.64 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | <br>X0X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.14<br>0.14 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.62<br>0.62 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | <br>X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | 0.27<br>0.19 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | 0.20<br>0.14 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | 0.34<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | <br>X3X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.46<br>4.46 | 17.82<br>25.92 | 0.25<br>0.17 | OK<br>OK | 4.96<br>4.96 | 26.40<br>38.40 | 0.19<br>0.13 | OK<br>OK | 0.14<br>0.14 | 0.53<br>1.42 | 0.25<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | <br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.42<br>0.42 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.46<br>1.46 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | <br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.72<br>2.72 | 7.13<br>10.37 | 0.38<br>0.26 | OK<br>OK | 4.37<br>4.37 | 15.84<br>23.04 | 0.28<br>0.19 | OK<br>OK | 0.22<br>0.22 | 0.42<br>1.11 | 0.53<br>0.20 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.14 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.62<br>0.62 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | 0.27<br>0.19 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | 0.20<br>0.14 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | 0.34<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 10.76<br>12.55 | 23.00<br>33.45 | 0.47<br>0.38 | OK<br>OK | 11.66<br>13.30 | 29.04<br>42.24 | 0.40<br>0.31 | OK<br>OK | 0.23<br>0.27 | 0.53<br>1.42 | 0.44<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.44<br>1.44 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.66<br>2.66 | 7.13<br>10.37 | 0.37<br>0.26 | OK<br>OK | 4.27<br>4.27 | 15.84<br>23.04 | 0.27<br>0.19 | OK<br>OK | 0.21<br>0.21 | 0.42<br>1.11 | 0.52<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | <br>X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | 0.27<br>0.19 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | 0.20<br>0.14 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | 0.34<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | <br>X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 3.21<br>3.21 | 9.70<br>14.11 | 0.33<br>0.23 | OK<br>OK | 4.00<br>4.00 | 18.48<br>26.88 | 0.22<br>0.15 | OK<br>OK | 0.24<br>0.24 | 0.53<br>1.42 | 0.45<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | <br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.44<br>1.44 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | <br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.66<br>2.66 | 7.13<br>10.37 | 0.37<br>0.26 | OK<br>OK | 4.27<br>4.27 | 15.84<br>23.04 | 0.27<br>0.19 | OK<br>OK | 0.21<br>0.21 | 0.42<br>1.11 | 0.52<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.22 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.99<br>0.99 | 13.20<br>19.20 | 0.08<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | Y7<br>X0X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.05<br>0.05 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.21<br>0.21 | 21.12<br>30.72 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.13<br>0.13 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.36<br>0.36 | 21.12<br>30.72 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.67 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.90<br>0.90 | 4.95<br>7.20 | 0.18<br>0.13 | OK<br>OK | 2.39<br>2.39 | 13.20<br>19.20 | 0.18<br>0.12 | OK<br>OK | 0.04<br>0.04 | 0.25<br>0.67 | 0.18<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 1.25<br>1.25 | 4.95<br>7.20 | 0.25<br>0.17 | OK<br>OK | 2.75<br>2.75 | 13.20<br>19.20 | 0.21<br>0.14 | OK<br>OK | 0.09<br>0.09 | 0.30<br>0.81 | 0.30<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.20<br>0.20 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.43<br>0.43 | 21.12<br>30.72 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.81 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X3又X4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.48<br>1.48 | 9.70<br>14.11 | 0.15<br>0.10 | OK<br>OK | 3.22<br>3.22 | 18.48<br>26.88 | 0.17<br>0.12 | OK<br>OK | 0.04<br>0.04 | 0.31<br>0.82 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X4X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.78<br>0.78 | 9.70<br>14.11 | 0.08<br>0.06 | OK<br>OK | 2.30<br>2.30 | 18.48<br>26.88 | 0.12<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.44<br>1.44 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.66<br>2.66 | 7.13<br>10.37 | 0.37<br>0.26 | OK<br>OK | 4.27<br>4.27 | 15.84<br>23.04 | 0.27<br>0.19 | OK<br>OK | 0.21<br>0.21 | 0.42<br>1.11 | 0.52<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.50<br>4.50 | 19.80<br>28.80 | 0.23<br>0.16 | OK<br>OK | 4.28<br>4.28 | 26.40<br>38.40 | 0.16<br>0.11 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | 0.29<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.47<br>2.47 | 9.70<br>14.11 | 0.25<br>0.18 | OK<br>OK | 3.09<br>3.09 | 18.48<br>26.88 | 0.17<br>0.11 | OK<br>OK | 0.19<br>0.19 | 0.53<br>1.42 | 0.35<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | X5X7 | 欧州赤松集成材<br>150×550 | G+P<br>G+P+S | 7563<br>207969 | 21.20<br>21.20 | 61.89<br>90.02 | 0.34<br>0.24 | OK<br>OK | 19.51<br>19.51 | 60.50<br>88.00 | 0.32<br>0.22 | OK<br>OK | 0.35<br>0.35 | 0.95<br>2.00 | 0.37<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.07<br>2.07 | 7.13<br>10.37 | 0.29<br>0.20 | OK<br>OK | 3.32<br>3.32 | 15.84<br>23.04 | 0.21<br>0.14 | OK<br>OK | 0.17<br>0.17 | 0.42<br>1.11 | 0.40<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.50<br>4.50 | 19.80<br>28.80 | 0.23<br>0.16 | OK<br>OK | 4.28<br>4.28 | 26.40<br>38.40 | 0.16<br>0.11 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | 0.29<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.69<br>2.69 | 20.70<br>30.11 | 0.13<br>0.09 | OK<br>OK | 3.09<br>3.09 | 29.04<br>42.24 | 0.11<br>0.07 | OK<br>OK | 0.06<br>0.06 | 0.53<br>1.42 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5X7 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 9.88<br>9.88 | 21.90<br>31.85 | 0.45<br>0.31 | OK<br>OK | 7.69<br>7.69 | 31.68<br>46.08 | 0.24<br>0.17 | OK<br>OK | 0.63<br>0.63 | 0.95<br>2.00 | 0.66<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.07<br>2.07 | 7.13<br>10.37 | 0.29<br>0.20 | OK<br>OK | 3.32<br>3.32 | 15.84<br>23.04 | 0.21<br>0.14 | OK<br>OK | 0.17<br>0.17 | 0.42<br>1.11 | 0.40<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X0X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 7.61<br>18.17 | 23.00<br>41.82 | 0.33<br>0.43 | OK<br>OK | 8.26<br>18.94 | 29.04<br>52.80 | 0.28<br>0.36 | OK<br>OK | 0.32<br>0.72 | 0.70<br>1.87 | 0.46<br>0.39 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X3又X4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.76<br>0.76 | 23.00<br>33.45 | 0.03<br>0.02 | OK<br>OK | 1.66<br>1.66 | 29.04<br>42.24 | 0.06<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.31<br>0.82 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>又X4X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.38<br>0.38 | 23.00<br>33.45 | 0.02<br>0.01 | OK<br>OK | 1.13<br>1.13 | 29.04<br>42.24 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>又X4X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.43<br>0.43 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 1.26<br>1.26 | 21.12<br>30.72 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X5 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.38<br>0.38 | 42.77<br>62.21 | 0.01<br>0.01 | OK<br>OK | 1.65<br>1.65 | 39.60<br>57.60 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y8 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.38<br>0.38 | 42.77<br>62.21 | 0.01<br>0.01 | OK<br>OK | 1.65<br>1.65 | 39.60<br>57.60 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X6 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.48<br>2.48 | 38.49<br>55.99 | 0.06<br>0.04 | OK<br>OK | 4.51<br>4.51 | 39.60<br>57.60 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.01 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X6 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.72<br>0.72 | 38.49<br>55.99 | 0.02<br>0.01 | OK<br>OK | 2.41<br>2.41 | 39.60<br>57.60 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X7 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.23<br>0.23 | 42.77<br>62.21 | 0.01<br>0.00 | OK<br>OK | 1.36<br>1.36 | 39.60<br>57.60 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.31 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X7又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.36<br>1.36 | 12.67<br>18.43 | 0.11<br>0.07 | OK<br>OK | 3.43<br>3.43 | 21.12<br>30.72 | 0.16<br>0.11 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.70 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | Y8<br>又X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.36<br>0.36 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 1.57<br>1.57 | 21.12<br>30.72 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>又X9 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y8<br>X9又X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 1.63<br>1.63 | 13.20<br>19.20 | 0.12<br>0.08 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.21 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>X0又X0 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.03<br>0.03 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.34<br>0.34 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.17 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X0又X1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.29<br>0.29 | 23.00<br>33.45 | 0.01<br>0.01 | OK<br>OK | 1.02<br>1.02 | 29.04<br>42.24 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.50 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X1X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.29<br>2.70 | 23.00<br>33.45 | 0.10<br>0.08 | OK<br>OK | 3.33<br>3.83 | 29.04<br>42.24 | 0.11<br>0.09 | OK<br>OK | 0.05<br>0.05 | 0.45<br>1.20 | 0.10<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>X3又X3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.09<br>0.09 | 3.67<br>5.35 | 0.03<br>0.02 | OK<br>OK | 0.40<br>0.40 | 6.34<br>9.22 | 0.06<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.41 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>X3又X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.10<br>0.10 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.43<br>0.43 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.41 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X3又X4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.10<br>0.10 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.43<br>0.43 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.41 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X3又X4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.09<br>0.09 | 3.67<br>5.35 | 0.03<br>0.02 | OK<br>OK | 0.40<br>0.40 | 6.34<br>9.22 | 0.06<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.41 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y10<br>X0又X4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.00<br>0.00 | 19.80<br>28.80 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 26.40<br>38.40 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 1.01<br>2.00 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y0又Y0 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 1.78<br>2.77 | 33.53<br>60.96 | 0.05<br>0.05 | OK<br>OK | 4.06<br>6.25 | 36.96<br>67.20 | 0.11<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y0又Y0 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y0又Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 0.49<br>1.89 | 33.53<br>60.96 | 0.01<br>0.03 | OK<br>OK | 2.61<br>10.02 | 36.96<br>67.20 | 0.07<br>0.15 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y0又Y1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.52<br>2.52 | 33.53<br>48.77 | 0.08<br>0.05 | OK<br>OK | 6.20<br>6.20 | 36.96<br>53.76 | 0.17<br>0.12 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.34<br>0.34 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 1.49<br>1.49 | 36.96<br>53.76 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y2 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 5.04<br>5.04 | 33.53<br>48.77 | 0.15<br>0.10 | OK<br>OK | 7.03<br>7.03 | 36.96<br>53.76 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y2 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 5.04<br>5.04 | 24.63<br>35.83 | 0.20<br>0.14 | OK<br>OK | 7.03<br>7.03 | 31.68<br>46.08 | 0.22<br>0.15 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | 0.09<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y3 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.34<br>0.34 | 27.37<br>39.81 | 0.01<br>0.01 | OK<br>OK | 1.49<br>1.49 | 31.68<br>46.08 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y3Y4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 7.41<br>7.55 | 20.70<br>30.11 | 0.36<br>0.25 | OK<br>OK | 10.55<br>10.79 | 29.04<br>42.24 | 0.36<br>0.26 | OK<br>OK | 0.09<br>0.09 | 0.38<br>1.01 | 0.24<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y4又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.50<br>0.50 | 23.00<br>33.45 | 0.02<br>0.01 | OK<br>OK | 1.67<br>1.67 | 29.04<br>42.24 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.12 | 4.95<br>7.20 | 0.02<br>0.02 | OK<br>OK | 0.39<br>0.39 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.45<br>0.45 | 12.67<br>18.43 | 0.04<br>0.02 | OK<br>OK | 1.20<br>1.20 | 21.12<br>30.72 | 0.06<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.68 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.68 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.69<br>0.69 | 11.40<br>16.59 | 0.06<br>0.04 | OK<br>OK | 1.62<br>1.62 | 21.12<br>30.72 | 0.08<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.68 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.17<br>0.17 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.75<br>0.75 | 21.12<br>30.72 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | X0<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.17 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.73<br>0.73 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.81<br>0.81 | 4.95<br>7.20 | 0.16<br>0.11 | OK<br>OK | 1.77<br>1.77 | 13.20<br>19.20 | 0.13<br>0.09 | OK<br>OK | 0.07<br>0.07 | 0.30<br>0.81 | 0.21<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.80<br>4.08 | 12.67<br>18.43 | 0.30<br>0.22 | OK<br>OK | 4.93<br>5.23 | 21.12<br>30.72 | 0.23<br>0.17 | OK<br>OK | 0.06<br>0.07 | 0.30<br>0.81 | 0.21<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.17<br>0.17 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.75<br>0.75 | 21.12<br>30.72 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.17 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.73<br>0.73 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.81<br>0.81 | 4.95<br>7.20 | 0.16<br>0.11 | OK<br>OK | 1.77<br>1.77 | 13.20<br>19.20 | 0.13<br>0.09 | OK<br>OK | 0.07<br>0.07 | 0.30<br>0.81 | 0.21<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.69<br>0.69 | 12.67<br>18.43 | 0.05<br>0.04 | OK<br>OK | 1.51<br>1.51 | 21.12<br>30.72 | 0.07<br>0.05 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y7又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.95<br>1.95 | 20.70<br>30.11 | 0.09<br>0.06 | OK<br>OK | 4.94<br>4.94 | 29.04<br>42.24 | 0.17<br>0.12 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>又Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 3.66<br>4.28 | 20.70<br>37.64 | 0.18<br>0.11 | OK<br>OK | 8.45<br>9.83 | 29.04<br>52.80 | 0.29<br>0.19 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.01<br>0.02 | 29.04<br>42.24 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0<br>Y10 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.01<br>0.02 | 29.04<br>42.24 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 0.97<br>0.97 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.94<br>1.94 | 15.84<br>23.04 | 0.12<br>0.08 | OK<br>OK | 3.49<br>3.49 | 26.40<br>38.40 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.68 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.15<br>0.15 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.66<br>0.66 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.65<br>2.65 | 11.40<br>16.59 | 0.23<br>0.16 | OK<br>OK | 3.73<br>3.73 | 21.12<br>30.72 | 0.18<br>0.12 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.15<br>0.15 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.66<br>0.66 | 21.12<br>30.72 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X1<br>Y6Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.65<br>2.65 | 11.40<br>16.59 | 0.23<br>0.16 | OK<br>OK | 3.73<br>3.73 | 21.12<br>30.72 | 0.18<br>0.12 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X1<br>又Y0又Y1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.39<br>7.64 | 10.14<br>18.43 | 0.14<br>0.41 | OK<br>OK | 2.15<br>11.85 | 21.12<br>38.40 | 0.10<br>0.31 | OK<br>OK | 0.02<br>0.10 | 0.23<br>0.61 | 0.08<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | 又X1<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 0.97<br>0.97 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y0又Y1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 4.03<br>13.48 | 18.40<br>33.45 | 0.22<br>0.40 | OK<br>OK | 6.25<br>20.90 | 29.04<br>52.80 | 0.22<br>0.40 | OK<br>OK | 0.02<br>0.07 | 0.23<br>0.61 | 0.09<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | 0.02<br>0.01 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.15<br>0.15 | 3.67<br>5.35 | 0.04<br>0.03 | OK<br>OK | 0.66<br>0.66 | 6.34<br>9.22 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.15<br>0.15 | 3.67<br>5.35 | 0.04<br>0.03 | OK<br>OK | 0.66<br>0.66 | 6.34<br>9.22 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.02<br>0.02 | 3.67<br>5.35 | 0.00<br>0.00 | OK<br>OK | 0.17<br>0.17 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.32<br>0.32 | 4.95<br>7.20 | 0.07<br>0.04 | OK<br>OK | 1.09<br>1.09 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0又Y0 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.02 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.17<br>0.17 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y２ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y２ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X２<br>Y４又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.22<br>1.22 | 12.67<br>18.43 | 0.10<br>0.07 | OK<br>OK | 3.26<br>3.26 | 21.12<br>30.72 | 0.15<br>0.11 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X２<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.59<br>0.59 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.28 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X２ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | 0.05<br>0.03 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X２<br>Y５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | 0.05<br>0.03 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>Y３ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | 0.02<br>0.01 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>Y３又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 4.69<br>4.69 | 21.90<br>31.85 | 0.21<br>0.15 | OK<br>OK | 8.27<br>8.27 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.70 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>又Y４ | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.28<br>1.28 | 21.90<br>31.85 | 0.06<br>0.04 | OK<br>OK | 5.67<br>5.67 | 31.68<br>46.08 | 0.18<br>0.12 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.31 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>Y４又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.08<br>0.08 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.28<br>0.28 | 13.20<br>19.20 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>Y４又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 2.21<br>2.21 | 27.37<br>39.81 | 0.08<br>0.06 | OK<br>OK | 5.61<br>5.61 | 31.68<br>46.08 | 0.18<br>0.12 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>又又 | 欧州赤松集成材<br>150×800 | G+P<br>G+P+K | 16000<br>64000 | 130.75<br>150.50 | 137.84<br>250.62 | 0.95<br>0.60 | OK<br>OK | 76.10<br>82.55 | 88.00<br>160.00 | 0.86<br>0.52 | OK<br>OK | 0.75<br>0.94 | 1.12<br>2.00 | 0.67<br>0.47 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>又Y７ | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.03<br>0.03 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.40<br>0.40 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.05<br>0.13 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>Y７Y８ | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 9.25<br>9.25 | 18.40<br>26.76 | 0.50<br>0.35 | OK<br>OK | 11.49<br>11.49 | 29.04<br>42.24 | 0.40<br>0.27 | OK<br>OK | 0.12<br>0.12 | 0.38<br>1.01 | 0.31<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | X３<br>Y８Y９ | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.02<br>0.02 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.22<br>0.22 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X３<br>又Y０又Y１ | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 4.59<br>5.60 | 12.83<br>18.66 | 0.36<br>0.30 | OK<br>OK | 7.12<br>8.68 | 23.76<br>34.56 | 0.30<br>0.25 | OK<br>OK | 0.04<br>0.05 | 0.23<br>0.61 | 0.18<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | Y４ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.31<br>2.31 | 5.70<br>8.29 | 0.41<br>0.28 | OK<br>OK | 10.30<br>11.81 | 15.84<br>23.04 | 0.65<br>0.51 | OK<br>OK | 0.12<br>0.12 | 0.30<br>0.81 | 0.41<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | 0.05<br>0.03 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | 0.05<br>0.03 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | 0.05<br>0.03 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.60<br>0.60 | 14.43<br>21.00 | 0.04<br>0.03 | OK<br>OK | 1.77<br>1.77 | 23.76<br>34.56 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X４<br>Y０又Y１ | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 3.31<br>4.63 | 38.49<br>69.98 | 0.09<br>0.07 | OK<br>OK | 7.49<br>10.38 | 39.60<br>72.00 | 0.19<br>0.14 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X４<br>又Y１又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.47<br>2.47 | 38.49<br>55.99 | 0.06<br>0.04 | OK<br>OK | 6.04<br>6.04 | 39.60<br>57.60 | 0.15<br>0.10 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | X4<br>又又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 3.33<br>3.33 | 38.49<br>55.99 | 0.09<br>0.06 | OK<br>OK | 7.63<br>7.63 | 39.60<br>57.60 | 0.19<br>0.13 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.62 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>又Y2 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.84<br>2.84 | 38.49<br>55.99 | 0.07<br>0.05 | OK<br>OK | 7.54<br>7.54 | 39.60<br>57.60 | 0.19<br>0.13 | OK<br>OK | 0.00<br>0.00 | 0.22<br>0.59 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>Y2又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 4.36<br>4.36 | 24.63<br>35.83 | 0.18<br>0.12 | OK<br>OK | 7.08<br>7.08 | 31.68<br>46.08 | 0.22<br>0.15 | OK<br>OK | 0.02<br>0.02 | 0.28<br>0.73 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>又Y3 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.34<br>1.34 | 24.63<br>35.83 | 0.05<br>0.04 | OK<br>OK | 8.09<br>8.09 | 31.68<br>46.08 | 0.26<br>0.18 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X4<br>又Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.26<br>0.26 | 6.34<br>9.22 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.48 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>Y0又Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.56<br>0.56 | 4.46<br>6.48 | 0.13<br>0.09 | OK<br>OK | 1.05<br>1.05 | 13.20<br>19.20 | 0.08<br>0.05 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>又Y8 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.15<br>0.15 | 23.00<br>33.45 | 0.01<br>0.00 | OK<br>OK | 0.66<br>0.66 | 29.04<br>42.24 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>Y8Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.05<br>0.05 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.42<br>0.42 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>Y9又Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 29.04<br>42.24 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.09 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>又Y9Y10 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | -0.02<br>-0.03 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.03<br>0.05 | 29.04<br>42.24 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>Y4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.53<br>2.53 | 5.70<br>8.29 | 0.44<br>0.31 | OK<br>OK | 5.52<br>5.52 | 15.84<br>23.04 | 0.35<br>0.24 | OK<br>OK | 0.12<br>0.12 | 0.30<br>0.81 | 0.40<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | 又X4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.67<br>0.67 | 7.13<br>10.37 | 0.09<br>0.06 | OK<br>OK | 1.80<br>1.80 | 15.84<br>23.04 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X4<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y0又Y0 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.10 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.43<br>0.43 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又Y0Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.09<br>0.09 | 13.20<br>19.20 | 0.01<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.08 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y1又Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.12 | 4.95<br>7.20 | 0.02<br>0.02 | OK<br>OK | 0.68<br>0.68 | 13.20<br>19.20 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 16.75<br>28.86 | 28.27<br>51.40 | 0.59<br>0.56 | OK<br>OK | 10.31<br>15.65 | 34.32<br>62.40 | 0.30<br>0.25 | OK<br>OK | 0.87<br>1.48 | 0.99<br>2.00 | 0.88<br>0.74 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+K | 1458<br>19683 | 3.45<br>8.71 | 14.43<br>26.24 | 0.24<br>0.33 | OK<br>OK | 4.64<br>10.42 | 23.76<br>43.20 | 0.20<br>0.24 | OK<br>OK | 0.10<br>0.27 | 0.46<br>1.21 | 0.23<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y0Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.14 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.52<br>0.52 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.49 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y1又Y1 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.18 | 7.13<br>10.37 | 0.03<br>0.02 | OK<br>OK | 1.02<br>1.02 | 15.84<br>23.04 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y1又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.90<br>0.90 | 7.13<br>10.37 | 0.13<br>0.09 | OK<br>OK | 1.98<br>1.98 | 15.84<br>23.04 | 0.13<br>0.09 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.04<br>0.04 | 7.13<br>10.37 | 0.01<br>0.00 | OK<br>OK | 0.37<br>0.37 | 15.84<br>23.04 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>又Y2 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.90<br>0.90 | 7.13<br>10.37 | 0.13<br>0.09 | OK<br>OK | 1.98<br>1.98 | 15.84<br>23.04 | 0.13<br>0.09 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y2 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.90<br>0.90 | 7.13<br>10.37 | 0.13<br>0.09 | OK<br>OK | 1.98<br>1.98 | 15.84<br>23.04 | 0.13<br>0.09 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.89<br>0.89 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y3Y4 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 9.26<br>9.26 | 34.21<br>49.77 | 0.27<br>0.19 | OK<br>OK | 14.85<br>14.85 | 39.60<br>57.60 | 0.38<br>0.26 | OK<br>OK | 0.04<br>0.04 | 0.38<br>1.01 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y4 | 欧州赤松集成材<br>150×1230 | G+P<br>G+P+K | 37823<br>232608 | 174.39<br>212.91 | 282.91<br>514.39 | 0.62<br>0.41 | OK<br>OK | 77.38<br>85.85 | 135.30<br>246.00 | 0.57<br>0.35 | OK<br>OK | 0.63<br>0.81 | 1.52<br>2.00 | 0.42<br>0.41 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | X5<br>Y8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.31<br>0.31 | 11.40<br>16.59 | 0.03<br>0.02 | OK<br>OK | 1.11<br>1.11 | 21.12<br>30.72 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X5<br>Y8 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 3.28<br>3.28 | 24.63<br>35.83 | 0.13<br>0.09 | OK<br>OK | 7.60<br>7.60 | 31.68<br>46.08 | 0.24<br>0.16 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X5<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 16.90<br>29.04 | 28.27<br>51.40 | 0.60<br>0.56 | OK<br>OK | 10.20<br>13.53 | 34.32<br>62.40 | 0.30<br>0.22 | OK<br>OK | 0.87<br>1.48 | 0.99<br>2.00 | 0.89<br>0.74 | OK<br>OK | ○ | ○ | ○ |
| | 又X5<br>Y2Y3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+K | 1458<br>19683 | 3.35<br>8.61 | 14.43<br>26.24 | 0.23<br>0.33 | OK<br>OK | 4.48<br>10.26 | 23.76<br>43.20 | 0.19<br>0.24 | OK<br>OK | 0.10<br>0.27 | 0.46<br>1.21 | 0.22<br>0.22 | OK<br>OK | ○ | ○ | ○ |
| | 又X5<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.13<br>0.13 | 3.67<br>5.35 | 0.04<br>0.02 | OK<br>OK | 0.58<br>0.58 | 6.34<br>9.22 | 0.09<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X5 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.13<br>0.13 | 1.55<br>2.26 | 0.09<br>0.06 | OK<br>OK | 0.58<br>0.58 | 3.56<br>5.18 | 0.16<br>0.11 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X5<br>又Y4 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.13<br>0.13 | 1.55<br>2.26 | 0.09<br>0.06 | OK<br>OK | 0.58<br>0.58 | 3.56<br>5.18 | 0.16<br>0.11 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X5<br>又Y4又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.05<br>0.05 | 1.55<br>2.26 | 0.03<br>0.02 | OK<br>OK | 0.31<br>0.31 | 3.56<br>5.18 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.28 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X5<br>又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.07<br>0.07 | 1.55<br>2.26 | 0.05<br>0.03 | OK<br>OK | 0.39<br>0.39 | 3.56<br>5.18 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.12<br>0.32 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 14.27<br>21.34 | 25.70<br>46.73 | 0.56<br>0.46 | OK<br>OK | 9.55<br>18.46 | 34.32<br>62.40 | 0.28<br>0.30 | OK<br>OK | 0.80<br>1.31 | 0.99<br>2.00 | 0.81<br>0.65 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.26<br>2.26 | 9.70<br>14.11 | 0.23<br>0.16 | OK<br>OK | 3.31<br>3.31 | 18.48<br>26.88 | 0.18<br>0.12 | OK<br>OK | 0.12<br>0.12 | 0.46<br>1.21 | 0.27<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.02<br>0.02 | 1.55<br>2.26 | 0.01<br>0.01 | OK<br>OK | 0.17<br>0.17 | 3.56<br>5.18 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y8 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | 0.10<br>0.07 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 15.03<br>19.31 | 25.70<br>46.73 | 0.58<br>0.41 | OK<br>OK | 10.61<br>16.11 | 34.32<br>62.40 | 0.31<br>0.26 | OK<br>OK | 0.86<br>1.17 | 0.99<br>2.00 | 0.87<br>0.59 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.38<br>2.38 | 8.73<br>12.70 | 0.27<br>0.19 | OK<br>OK | 3.31<br>3.31 | 18.48<br>26.88 | 0.18<br>0.12 | OK<br>OK | 0.14<br>0.14 | 0.46<br>1.21 | 0.32<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.15<br>0.15 | 3.67<br>5.35 | 0.04<br>0.03 | OK<br>OK | 0.66<br>0.66 | 6.34<br>9.22 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | 0.10<br>0.07 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y4 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | 0.10<br>0.07 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又Y4又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.05<br>0.05 | 1.55<br>2.26 | 0.03<br>0.02 | OK<br>OK | 0.33<br>0.33 | 3.56<br>5.18 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.28 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.08<br>0.08 | 1.55<br>2.26 | 0.05<br>0.03 | OK<br>OK | 0.42<br>0.42 | 3.56<br>5.18 | 0.12<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.12<br>0.32 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 12.37<br>12.37 | 25.70<br>37.38 | 0.48<br>0.33 | OK<br>OK | 8.00<br>8.00 | 34.32<br>49.92 | 0.23<br>0.16 | OK<br>OK | 0.64<br>0.64 | 0.99<br>2.00 | 0.65<br>0.32 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.38<br>2.38 | 8.73<br>12.70 | 0.27<br>0.19 | OK<br>OK | 3.31<br>3.31 | 18.48<br>26.88 | 0.18<br>0.12 | OK<br>OK | 0.14<br>0.14 | 0.46<br>1.21 | 0.32<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | 又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.02<br>0.02 | 1.55<br>2.26 | 0.01<br>0.01 | OK<br>OK | 0.17<br>0.17 | 3.56<br>5.18 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又Y8 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | 0.10<br>0.07 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 13.89<br>14.44 | 25.70<br>37.38 | 0.54<br>0.39 | OK<br>OK | 9.00<br>9.78 | 34.32<br>49.92 | 0.26<br>0.20 | OK<br>OK | 0.77<br>0.81 | 0.99<br>2.00 | 0.78<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>Y2又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.53<br>0.53 | 12.67<br>18.43 | 0.04<br>0.03 | OK<br>OK | 1.87<br>1.87 | 21.12<br>30.72 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.51 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>又Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.19<br>1.19 | 11.40<br>16.59 | 0.10<br>0.07 | OK<br>OK | 2.83<br>2.83 | 21.12<br>30.72 | 0.13<br>0.09 | OK<br>OK | 0.02<br>0.02 | 0.27<br>0.71 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | X6<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.15<br>0.15 | 3.67<br>5.35 | 0.04<br>0.03 | OK<br>OK | 0.66<br>0.66 | 6.34<br>9.22 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X6 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | 0.10<br>0.07 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>又Y4 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | 0.10<br>0.07 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | 0.19<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | 0.12<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>又Y4又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.05<br>0.05 | 1.55<br>2.26 | 0.03<br>0.02 | OK<br>OK | 0.33<br>0.33 | 3.56<br>5.18 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.28 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X6<br>又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.08<br>0.08 | 1.55<br>2.26 | 0.05<br>0.03 | OK<br>OK | 0.42<br>0.42 | 3.56<br>5.18 | 0.12<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.12<br>0.32 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X6 | 欧州赤松集成材<br>150×550 | G+P<br>G+P+S | 7563<br>207969 | 28.88<br>28.88 | 69.63<br>101.28 | 0.41<br>0.29 | OK<br>OK | 15.35<br>15.35 | 60.50<br>88.00 | 0.25<br>0.17 | OK<br>OK | 0.69<br>0.69 | 1.21<br>2.00 | 0.57<br>0.35 | OK<br>OK | ○ | ○ | ○ |
| | 又X6<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.07 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.61<br>0.61 | 13.20<br>19.20 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X6<br>又Y8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.63<br>1.63 | 13.20<br>19.20 | 0.12<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 15.27<br>16.33 | 25.70<br>37.38 | 0.59<br>0.44 | OK<br>OK | 10.94<br>12.38 | 34.32<br>49.92 | 0.32<br>0.25 | OK<br>OK | 0.88<br>0.96 | 0.99<br>2.00 | 0.89<br>0.48 | OK<br>OK | ○ | ○ | ○ |
| | Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.15<br>2.15 | 8.73<br>12.70 | 0.25<br>0.17 | OK<br>OK | 2.97<br>2.97 | 18.48<br>26.88 | 0.16<br>0.11 | OK<br>OK | 0.13<br>0.13 | 0.46<br>1.21 | 0.29<br>0.11 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.22<br>0.22 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 0.99<br>0.99 | 21.12<br>30.72 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.95<br>0.95 | 12.67<br>18.43 | 0.07<br>0.05 | OK<br>OK | 2.08<br>2.08 | 21.12<br>30.72 | 0.10<br>0.07 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>Y3又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 18.28<br>18.28 | 34.21<br>49.77 | 0.53<br>0.37 | OK<br>OK | 18.32<br>18.32 | 39.60<br>57.60 | 0.46<br>0.32 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.50 | 0.34<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又又 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 9.06<br>9.06 | 55.70<br>81.02 | 0.16<br>0.11 | OK<br>OK | 13.17<br>13.17 | 48.40<br>70.40 | 0.27<br>0.19 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又又Y5 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 1.77<br>1.77 | 49.51<br>72.02 | 0.04<br>0.02 | OK<br>OK | 3.20<br>3.20 | 48.40<br>70.40 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又Y5又 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 2.19<br>2.19 | 49.51<br>72.02 | 0.04<br>0.03 | OK<br>OK | 6.15<br>6.15 | 48.40<br>70.40 | 0.13<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又又Y6 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又又Y6 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 1.42<br>1.42 | 49.51<br>72.02 | 0.03<br>0.02 | OK<br>OK | 4.32<br>4.32 | 48.40<br>70.40 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又Y6又 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 13.59<br>13.59 | 49.51<br>72.02 | 0.27<br>0.19 | OK<br>OK | 26.87<br>26.87 | 48.40<br>70.40 | 0.56<br>0.38 | OK<br>OK | 0.07<br>0.07 | 0.46<br>1.24 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又Y8 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 0.27<br>0.27 | 61.89<br>90.02 | 0.00<br>0.00 | OK<br>OK | 1.17<br>1.17 | 48.40<br>70.40 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X7<br>又Y8 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 12.37<br>12.37 | 25.70<br>37.38 | 0.48<br>0.33 | OK<br>OK | 8.00<br>8.00 | 34.32<br>49.92 | 0.23<br>0.16 | OK<br>OK | 0.64<br>0.64 | 0.99<br>2.00 | 0.65<br>0.32 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>Y2Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.45<br>1.45 | 7.13<br>10.37 | 0.20<br>0.14 | OK<br>OK | 2.12<br>2.12 | 15.84<br>23.04 | 0.13<br>0.09 | OK<br>OK | 0.13<br>0.13 | 0.46<br>1.21 | 0.28<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.00<br>0.00 | 3.67<br>5.35 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 6.34<br>9.22 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 1.20<br>1.20 | 21.12<br>30.72 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 1.20<br>1.20 | 21.12<br>30.72 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.00<br>0.00 | 3.67<br>5.35 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 6.34<br>9.22 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又X7<br>又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.32<br>0.32 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X7<br>Y5又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.42<br>0.42 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.14<br>0.38 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 18.14<br>30.36 | 28.27<br>51.40 | 0.64<br>0.59 | OK<br>OK | 12.89<br>27.01 | 34.32<br>62.40 | 0.38<br>0.43 | OK<br>OK | 0.87<br>1.58 | 0.99<br>2.00 | 0.88<br>0.79 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.22<br>2.22 | 7.13<br>10.37 | 0.31<br>0.21 | OK<br>OK | 3.25<br>3.25 | 15.84<br>23.04 | 0.21<br>0.14 | OK<br>OK | 0.19<br>0.19 | 0.46<br>1.21 | 0.43<br>0.16 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>Y0Y1 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>Y1又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.20<br>0.20 | 7.13<br>10.37 | 0.03<br>0.02 | OK<br>OK | 0.77<br>0.77 | 15.84<br>23.04 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.76<br>3.76 | 10.14<br>14.75 | 0.37<br>0.26 | OK<br>OK | 3.73<br>3.73 | 21.12<br>30.72 | 0.18<br>0.12 | OK<br>OK | 0.32<br>0.32 | 0.63<br>1.67 | 0.52<br>0.19 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>Y3又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 6.55<br>6.55 | 10.14<br>14.75 | 0.65<br>0.44 | OK<br>OK | 7.10<br>7.10 | 21.12<br>30.72 | 0.34<br>0.23 | OK<br>OK | 0.47<br>0.47 | 0.56<br>1.50 | 0.83<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.39<br>0.39 | 17.82<br>25.92 | 0.02<br>0.02 | OK<br>OK | 1.87<br>1.87 | 26.40<br>38.40 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 0.66<br>7.24 | 17.82<br>32.40 | 0.04<br>0.22 | OK<br>OK | 2.82<br>27.23 | 26.40<br>48.00 | 0.11<br>0.57 | OK<br>OK | 0.00<br>0.02 | 0.15<br>0.40 | 0.01<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X8<br>又又Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.24<br>1.24 | 15.84<br>23.04 | 0.08<br>0.05 | OK<br>OK | 2.13<br>2.13 | 26.40<br>38.40 | 0.08<br>0.06 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.70 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X8<br>Y2Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.76<br>1.76 | 12.67<br>18.43 | 0.14<br>0.10 | OK<br>OK | 2.58<br>2.58 | 21.12<br>30.72 | 0.12<br>0.08 | OK<br>OK | 0.06<br>0.06 | 0.46<br>1.21 | 0.14<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y0Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.20<br>0.21 | 37.26<br>54.19 | 0.01<br>0.00 | OK<br>OK | 0.74<br>0.75 | 36.96<br>53.76 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y1又Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.22<br>0.22 | 37.26<br>54.19 | 0.01<br>0.00 | OK<br>OK | 1.24<br>1.24 | 36.96<br>53.76 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.81<br>0.81 | 33.53<br>48.77 | 0.02<br>0.02 | OK<br>OK | 2.91<br>2.91 | 36.96<br>53.76 | 0.08<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y1又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | 0.02<br>0.01 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.30<br>0.30 | 37.26<br>54.19 | 0.01<br>0.01 | OK<br>OK | 1.30<br>1.30 | 36.96<br>53.76 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.02<br>0.02 | 37.26<br>54.19 | 0.00<br>0.00 | OK<br>OK | 0.31<br>0.31 | 36.96<br>53.76 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.09 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y2 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 5.89<br>6.81 | 33.53<br>60.96 | 0.18<br>0.11 | OK<br>OK | 12.65<br>14.76 | 36.96<br>67.20 | 0.34<br>0.22 | OK<br>OK | 0.03<br>0.04 | 0.34<br>0.92 | 0.09<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y2又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 2.35<br>2.40 | 28.91<br>52.57 | 0.08<br>0.05 | OK<br>OK | 11.78<br>13.78 | 34.32<br>62.40 | 0.34<br>0.22 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.94<br>1.94 | 28.91<br>42.05 | 0.07<br>0.05 | OK<br>OK | 10.08<br>10.08 | 34.32<br>49.92 | 0.29<br>0.20 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 5.15<br>5.15 | 25.70<br>37.38 | 0.20<br>0.14 | OK<br>OK | 8.22<br>8.22 | 34.32<br>49.92 | 0.24<br>0.16 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 2.01<br>2.01 | 25.70<br>37.38 | 0.08<br>0.05 | OK<br>OK | 9.34<br>9.34 | 34.32<br>49.92 | 0.27<br>0.19 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.69 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.34<br>1.34 | 28.91<br>42.05 | 0.05<br>0.03 | OK<br>OK | 3.26<br>3.26 | 34.32<br>49.92 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | X9<br>又又Y5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 2.21<br>2.21 | 25.70<br>37.38 | 0.09<br>0.06 | OK<br>OK | 4.81<br>4.81 | 34.32<br>49.92 | 0.14<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.70 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y5又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.15<br>2.15 | 10.14<br>14.75 | 0.21<br>0.15 | OK<br>OK | 6.46<br>6.46 | 21.12<br>30.72 | 0.31<br>0.21 | OK<br>OK | 0.03<br>0.03 | 0.23<br>0.61 | 0.11<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.56<br>1.56 | 10.14<br>14.75 | 0.15<br>0.11 | OK<br>OK | 5.54<br>5.54 | 21.12<br>30.72 | 0.26<br>0.18 | OK<br>OK | 0.01<br>0.01 | 0.16<br>0.43 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y6 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.23<br>0.23 | 6.34<br>9.22 | 0.04<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.16<br>0.43 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y6又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y6又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.44<br>1.44 | 10.14<br>14.75 | 0.14<br>0.10 | OK<br>OK | 6.27<br>6.27 | 21.12<br>30.72 | 0.30<br>0.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.37<br>1.37 | 11.40<br>16.59 | 0.12<br>0.08 | OK<br>OK | 3.88<br>3.88 | 21.12<br>30.72 | 0.18<br>0.13 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又又Y7 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y7又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y7又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.28<br>1.28 | 10.14<br>14.75 | 0.13<br>0.09 | OK<br>OK | 6.97<br>6.97 | 21.12<br>30.72 | 0.33<br>0.23 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.83<br>0.83 | 11.40<br>16.59 | 0.07<br>0.05 | OK<br>OK | 5.04<br>5.04 | 21.12<br>30.72 | 0.24<br>0.16 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9<br>又Y8 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y1<br>又X11又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | -0.23<br>-0.23 | 25.66<br>37.32 | 0.01<br>0.01 | OK<br>OK | 0.54<br>0.54 | 39.60<br>57.60 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 5.12<br>8.80 | 38.49<br>69.98 | 0.13<br>0.13 | OK<br>OK | 12.08<br>18.95 | 39.60<br>72.00 | 0.30<br>0.26 | OK<br>OK | 0.02<br>0.03 | 0.30<br>0.81 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.39<br>0.39 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 1.73<br>1.73 | 21.12<br>30.72 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 2.57<br>7.70 | 10.14<br>18.43 | 0.25<br>0.42 | OK<br>OK | 4.49<br>12.44 | 21.12<br>38.40 | 0.21<br>0.32 | OK<br>OK | 0.03<br>0.10 | 0.23<br>0.61 | 0.14<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 4.90<br>6.67 | 15.84<br>28.80 | 0.31<br>0.23 | OK<br>OK | 8.28<br>11.03 | 26.40<br>48.00 | 0.31<br>0.23 | OK<br>OK | 0.03<br>0.04 | 0.23<br>0.61 | 0.14<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.43<br>2.43 | 12.67<br>18.43 | 0.19<br>0.13 | OK<br>OK | 4.44<br>4.44 | 21.12<br>30.72 | 0.21<br>0.14 | OK<br>OK | 0.08<br>0.08 | 0.36<br>0.97 | 0.22<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 3.97<br>3.97 | 38.49<br>55.99 | 0.10<br>0.07 | OK<br>OK | 9.10<br>9.10 | 39.60<br>57.60 | 0.23<br>0.16 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.44<br>0.44 | 4.95<br>7.20 | 0.09<br>0.06 | OK<br>OK | 1.69<br>1.69 | 13.20<br>19.20 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.17<br>0.46 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X12又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 9.60<br>13.59 | 33.53<br>60.96 | 0.29<br>0.22 | OK<br>OK | 8.21<br>12.70 | 36.96<br>67.20 | 0.22<br>0.19 | OK<br>OK | 0.13<br>0.20 | 0.56<br>1.49 | 0.23<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.28<br>1.28 | 7.13<br>10.37 | 0.18<br>0.12 | OK<br>OK | 2.88<br>2.88 | 15.84<br>23.04 | 0.18<br>0.12 | OK<br>OK | 0.06<br>0.06 | 0.30<br>0.79 | 0.21<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又Y2 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 1.83<br>1.83 | 38.49<br>55.99 | 0.05<br>0.03 | OK<br>OK | 5.21<br>5.21 | 39.60<br>57.60 | 0.13<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X9又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.78<br>0.78 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X10又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.39<br>0.39 | 4.95<br>7.20 | 0.08<br>0.05 | OK<br>OK | 1.71<br>1.71 | 13.20<br>19.20 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y2<br>又X12又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 12.29<br>16.78 | 25.70<br>46.73 | 0.48<br>0.36 | OK<br>OK | 9.46<br>13.96 | 34.32<br>62.40 | 0.28<br>0.22 | OK<br>OK | 0.34<br>0.48 | 0.69<br>1.84 | 0.49<br>0.26 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又X14又Y2<br>又X14又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.01<br>2.01 | 38.49<br>55.99 | 0.05<br>0.04 | OK<br>OK | 5.59<br>5.59 | 39.60<br>57.60 | 0.14<br>0.10 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y2<br>又X13又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 4.47<br>4.47 | 25.70<br>37.38 | 0.17<br>0.12 | OK<br>OK | 4.29<br>4.29 | 34.32<br>49.92 | 0.13<br>0.09 | OK<br>OK | 0.12<br>0.12 | 0.74<br>1.96 | 0.17<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又Y2<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.43<br>0.43 | 4.95<br>7.20 | 0.09<br>0.06 | OK<br>OK | 1.90<br>1.90 | 13.20<br>19.20 | 0.14<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.13<br>0.13 | 42.77<br>62.21 | 0.00<br>0.00 | OK<br>OK | 1.19<br>1.19 | 39.60<br>57.60 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.47<br>0.52 | 28.91<br>42.05 | 0.02<br>0.01 | OK<br>OK | 1.34<br>1.48 | 34.32<br>49.92 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 3.09<br>3.09 | 28.91<br>42.05 | 0.11<br>0.07 | OK<br>OK | 7.56<br>7.56 | 34.32<br>49.92 | 0.22<br>0.15 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.47<br>0.47 | 4.95<br>7.20 | 0.10<br>0.07 | OK<br>OK | 2.09<br>2.09 | 13.20<br>19.20 | 0.16<br>0.11 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X13又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 8.20<br>8.20 | 25.70<br>37.38 | 0.32<br>0.22 | OK<br>OK | 5.98<br>5.98 | 34.32<br>49.92 | 0.17<br>0.12 | OK<br>OK | 0.27<br>0.27 | 0.82<br>2.00 | 0.33<br>0.14 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X17又Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.82<br>0.90 | 5.70<br>8.29 | 0.14<br>0.11 | OK<br>OK | 2.35<br>2.59 | 15.84<br>23.04 | 0.15<br>0.11 | OK<br>OK | 0.02<br>0.03 | 0.23<br>0.61 | 0.11<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X18又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.08<br>0.09 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.19<br>0.23 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.28<br>0.74 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.52<br>0.52 | 4.95<br>7.20 | 0.10<br>0.07 | OK<br>OK | 2.28<br>2.28 | 13.20<br>19.20 | 0.17<br>0.12 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X16又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.07<br>0.07 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.48<br>0.49 | 29.04<br>42.24 | 0.02<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X19又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.34<br>0.34 | 32.12<br>46.73 | 0.01<br>0.01 | OK<br>OK | 1.49<br>1.49 | 34.32<br>49.92 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.26 | 4.95<br>7.20 | 0.04<br>0.04 | OK<br>OK | 0.54<br>0.62 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.28<br>0.74 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X14又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 10.68<br>10.68 | 25.70<br>37.38 | 0.42<br>0.29 | OK<br>OK | 6.38<br>6.38 | 34.32<br>49.92 | 0.19<br>0.13 | OK<br>OK | 0.42<br>0.42 | 0.91<br>2.00 | 0.46<br>0.21 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 3.69<br>3.72 | 25.70<br>37.38 | 0.14<br>0.10 | OK<br>OK | 8.68<br>8.77 | 34.32<br>49.92 | 0.25<br>0.18 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.04<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.04<br>0.04 | 23.00<br>33.45 | 0.00<br>0.00 | OK<br>OK | 0.34<br>0.35 | 29.04<br>42.24 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y3<br>又X14又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.56<br>0.56 | 13.20<br>19.20 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又Y3<br>又X18又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y3<br>又X17又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.11 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.35<br>0.40 | 13.20<br>19.20 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y3<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.53<br>0.53 | 4.95<br>7.20 | 0.11<br>0.07 | OK<br>OK | 2.32<br>2.32 | 13.20<br>19.20 | 0.18<br>0.12 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y3<br>又X15又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.81<br>0.81 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y3<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.21 | 4.95<br>7.20 | 0.04<br>0.03 | OK<br>OK | 0.84<br>0.84 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.01<br>0.01 | 0.17<br>0.44 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y3<br>又X19又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.22<br>1.24 | 28.91<br>42.05 | 0.04<br>0.03 | OK<br>OK | 3.18<br>3.23 | 34.32<br>49.92 | 0.09<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.24<br>0.65 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又Y3<br>又X20又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.34<br>0.34 | 32.12<br>46.73 | 0.01<br>0.01 | OK<br>OK | 1.49<br>1.49 | 34.32<br>49.92 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y3<br>又X17又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.02<br>0.02 | 32.12<br>46.73 | 0.00<br>0.00 | OK<br>OK | 0.41<br>0.41 | 34.32<br>49.92 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.09 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又Y3<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.30<br>0.30 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 1.30<br>1.30 | 13.20<br>19.20 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又X17又<br>又X17又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.16<br>0.16 | 32.12<br>46.73 | 0.00<br>0.00 | OK<br>OK | 1.03<br>1.05 | 34.32<br>49.92 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X17又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.20<br>0.20 | 12.67<br>18.43 | 0.02<br>0.01 | OK<br>OK | 1.02<br>1.02 | 21.12<br>30.72 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.36 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X14又Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 13.11<br>13.11 | 25.70<br>37.38 | 0.51<br>0.35 | OK<br>OK | 6.77<br>6.77 | 34.32<br>49.92 | 0.20<br>0.14 | OK<br>OK | 0.61<br>0.61 | 1.00<br>2.00 | 0.62<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X17又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.44<br>0.44 | 4.95<br>7.20 | 0.09<br>0.06 | OK<br>OK | 1.96<br>1.96 | 13.20<br>19.20 | 0.15<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X21又Y4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.49<br>1.49 | 11.40<br>16.59 | 0.13<br>0.09 | OK<br>OK | 4.21<br>4.21 | 21.12<br>30.72 | 0.20<br>0.14 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | 0.12<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又Y4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.47<br>0.47 | 7.13<br>10.37 | 0.07<br>0.05 | OK<br>OK | 2.39<br>2.39 | 15.84<br>23.04 | 0.15<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X18又Y4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.72<br>0.72 | 10.14<br>14.75 | 0.07<br>0.05 | OK<br>OK | 6.43<br>6.43 | 21.12<br>30.72 | 0.30<br>0.21 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X17又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 3.95<br>5.58 | 25.70<br>46.73 | 0.15<br>0.12 | OK<br>OK | 9.43<br>13.01 | 34.32<br>62.40 | 0.27<br>0.21 | OK<br>OK | 0.01<br>0.02 | 0.24<br>0.65 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X19又Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.81<br>1.81 | 5.70<br>8.29 | 0.32<br>0.22 | OK<br>OK | 2.65<br>2.65 | 15.84<br>23.04 | 0.17<br>0.12 | OK<br>OK | 0.13<br>0.13 | 0.38<br>1.01 | 0.33<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X20又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.34<br>0.34 | 27.37<br>39.81 | 0.01<br>0.01 | OK<br>OK | 1.67<br>1.67 | 31.68<br>46.08 | 0.05<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.14<br>0.36 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X22又Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.49<br>8.49 | 18.40<br>26.76 | 0.46<br>0.32 | OK<br>OK | 7.29<br>7.29 | 29.04<br>42.24 | 0.25<br>0.17 | OK<br>OK | 0.52<br>0.52 | 0.82<br>2.00 | 0.63<br>0.26 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X17又Y4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X9又<br>又X9又Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.25<br>0.25 | 32.12<br>46.73 | 0.01<br>0.01 | OK<br>OK | 1.45<br>1.45 | 34.32<br>49.92 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.30 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 15.39<br>15.39 | 25.70<br>37.38 | 0.60<br>0.41 | OK<br>OK | 8.57<br>8.57 | 34.32<br>49.92 | 0.25<br>0.17 | OK<br>OK | 0.87<br>0.87 | 1.09<br>2.00 | 0.80<br>0.44 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X15又Y4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X21又Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 9.56<br>9.56 | 18.40<br>26.76 | 0.52<br>0.36 | OK<br>OK | 9.71<br>9.71 | 29.04<br>42.24 | 0.33<br>0.23 | OK<br>OK | 0.63<br>0.63 | 0.82<br>2.00 | 0.76<br>0.31 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y4<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.32<br>3.32 | 10.14<br>14.75 | 0.33<br>0.22 | OK<br>OK | 4.30<br>4.30 | 21.12<br>30.72 | 0.20<br>0.14 | OK<br>OK | 0.06<br>0.06 | 0.30<br>0.81 | 0.19<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y4<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.87<br>0.87 | 28.91<br>42.05 | 0.03<br>0.02 | OK<br>OK | 2.65<br>2.65 | 34.32<br>49.92 | 0.08<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.21<br>0.57 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y4<br>又X12又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.50<br>0.50 | 7.13<br>10.37 | 0.07<br>0.05 | OK<br>OK | 2.32<br>2.32 | 15.84<br>23.04 | 0.15<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又Y4<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 3.79<br>4.08 | 21.90<br>31.85 | 0.17<br>0.13 | OK<br>OK | 13.47<br>14.17 | 31.68<br>46.08 | 0.43<br>0.31 | OK<br>OK | 0.02<br>0.02 | 0.24<br>0.65 | 0.07<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X9又Y4<br>又X10又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.76<br>1.76 | 28.91<br>42.05 | 0.06<br>0.04 | OK<br>OK | 8.14<br>8.14 | 34.32<br>49.92 | 0.24<br>0.16 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.51 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y4<br>又X20又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 6.37<br>6.37 | 18.40<br>26.76 | 0.35<br>0.24 | OK<br>OK | 5.48<br>5.48 | 29.04<br>42.24 | 0.19<br>0.13 | OK<br>OK | 0.39<br>0.39 | 0.82<br>2.00 | 0.47<br>0.20 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又Y4<br>又X14又Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 0.97<br>3.18 | 28.91<br>52.57 | 0.03<br>0.06 | OK<br>OK | 8.59<br>29.57 | 34.32<br>62.40 | 0.25<br>0.47 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X9又Y4<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 14.72<br>14.72 | 25.70<br>37.38 | 0.57<br>0.39 | OK<br>OK | 7.11<br>7.11 | 34.32<br>49.92 | 0.21<br>0.14 | OK<br>OK | 0.79<br>0.79 | 1.06<br>2.00 | 0.74<br>0.39 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又Y4<br>又X15又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又X21又Y4<br>又X21又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.34<br>0.34 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 1.51<br>1.51 | 21.12<br>30.72 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y4<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 10.13<br>20.48 | 21.90<br>39.81 | 0.46<br>0.51 | OK<br>OK | 9.09<br>16.98 | 31.68<br>57.60 | 0.29<br>0.29 | OK<br>OK | 0.50<br>1.00 | 0.82<br>2.00 | 0.60<br>0.50 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又Y4<br>又X13又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又Y4<br>又X17又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.11<br>2.11 | 7.76<br>11.29 | 0.27<br>0.19 | OK<br>OK | 3.65<br>3.65 | 18.48<br>26.88 | 0.20<br>0.14 | OK<br>OK | 0.15<br>0.15 | 0.46<br>1.21 | 0.34<br>0.13 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y4<br>又X18又Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 7.46<br>20.86 | 17.82<br>32.40 | 0.42<br>0.64 | OK<br>OK | 6.08<br>14.73 | 26.40<br>48.00 | 0.23<br>0.31 | OK<br>OK | 0.33<br>0.90 | 0.61<br>1.62 | 0.54<br>0.56 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y4<br>又X18又Y4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 3.28<br>3.99 | 21.90<br>39.81 | 0.15<br>0.10 | OK<br>OK | 7.98<br>8.93 | 31.68<br>57.60 | 0.25<br>0.15 | OK<br>OK | 0.01<br>0.02 | 0.23<br>0.61 | 0.06<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.53<br>0.53 | 28.91<br>42.05 | 0.02<br>0.01 | OK<br>OK | 1.96<br>1.96 | 34.32<br>49.92 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X21又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 9.16<br>19.50 | 24.63<br>44.79 | 0.37<br>0.44 | OK<br>OK | 8.04<br>15.94 | 31.68<br>57.60 | 0.25<br>0.28 | OK<br>OK | 0.38<br>0.83 | 0.82<br>2.00 | 0.46<br>0.41 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 4.19<br>4.19 | 10.14<br>14.75 | 0.41<br>0.28 | OK<br>OK | 5.60<br>5.60 | 21.12<br>30.72 | 0.27<br>0.18 | OK<br>OK | 0.07<br>0.07 | 0.30<br>0.81 | 0.24<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X16又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 18.78<br>18.78 | 28.27<br>41.12 | 0.66<br>0.46 | OK<br>OK | 10.07<br>10.07 | 34.32<br>49.92 | 0.29<br>0.20 | OK<br>OK | 1.03<br>1.03 | 1.06<br>2.00 | 0.97<br>0.51 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.37<br>0.37 | 32.12<br>46.73 | 0.01<br>0.01 | OK<br>OK | 1.63<br>1.63 | 34.32<br>49.92 | 0.05<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X18又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 4.42<br>4.42 | 20.70<br>30.11 | 0.21<br>0.15 | OK<br>OK | 4.17<br>4.17 | 29.04<br>42.24 | 0.14<br>0.10 | OK<br>OK | 0.23<br>0.23 | 0.82<br>2.00 | 0.28<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X21又<br>又X22又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.37 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 1.64<br>1.64 | 21.12<br>30.72 | 0.08<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | 0.05<br>0.04 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 3.64<br>3.78 | 21.90<br>31.85 | 0.17<br>0.12 | OK<br>OK | 10.90<br>12.17 | 31.68<br>46.08 | 0.34<br>0.26 | OK<br>OK | 0.01<br>0.02 | 0.23<br>0.61 | 0.06<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X17又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 6.65<br>6.65 | 18.40<br>26.76 | 0.36<br>0.25 | OK<br>OK | 6.53<br>6.53 | 29.04<br>42.24 | 0.22<br>0.15 | OK<br>OK | 0.39<br>0.39 | 0.82<br>2.00 | 0.48<br>0.20 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X15又Y4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.81<br>1.81 | 5.70<br>8.29 | 0.32<br>0.22 | OK<br>OK | 2.65<br>2.65 | 15.84<br>23.04 | 0.17<br>0.12 | OK<br>OK | 0.13<br>0.13 | 0.38<br>1.01 | 0.33<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.32<br>0.32 | 3.67<br>5.35 | 0.09<br>0.06 | OK<br>OK | 1.39<br>1.39 | 6.34<br>9.22 | 0.22<br>0.15 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.08<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 4.32<br>5.53 | 25.70<br>46.73 | 0.17<br>0.12 | OK<br>OK | 16.94<br>30.12 | 34.32<br>62.40 | 0.49<br>0.48 | OK<br>OK | 0.04<br>0.05 | 0.38<br>1.01 | 0.10<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.08<br>0.08 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.74<br>0.74 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X22又<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.47<br>3.50 | 11.40<br>20.74 | 0.13<br>0.17 | OK<br>OK | 4.26<br>9.66 | 21.12<br>38.40 | 0.20<br>0.25 | OK<br>OK | 0.02<br>0.04 | 0.22<br>0.58 | 0.08<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X16又Y6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 7.39<br>7.39 | 18.40<br>26.76 | 0.40<br>0.28 | OK<br>OK | 6.91<br>6.91 | 29.04<br>42.24 | 0.24<br>0.16 | OK<br>OK | 0.47<br>0.47 | 0.82<br>2.00 | 0.57<br>0.23 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X18又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.07<br>0.07 | 7.13<br>10.37 | 0.01<br>0.01 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.81<br>1.81 | 13.20<br>19.20 | 0.14<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又X13又<br>又X13又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.08<br>0.08 | 19.80<br>28.80 | 0.00<br>0.00 | OK<br>OK | 0.69<br>0.69 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 7.44<br>7.44 | 21.90<br>31.85 | 0.34<br>0.23 | OK<br>OK | 12.14<br>12.14 | 31.68<br>46.08 | 0.38<br>0.26 | OK<br>OK | 0.07<br>0.07 | 0.38<br>1.01 | 0.19<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X９又<br>又X10又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 1.34<br>2.73 | 32.12<br>58.41 | 0.04<br>0.05 | OK<br>OK | 6.68<br>20.25 | 34.32<br>62.40 | 0.19<br>0.32 | OK<br>OK | 0.00<br>0.01 | 0.23<br>0.61 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X11又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.34<br>0.34 | 3.67<br>5.35 | 0.09<br>0.06 | OK<br>OK | 1.48<br>1.48 | 6.34<br>9.22 | 0.23<br>0.16 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.09<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>又X９又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.04<br>0.04 | 32.12<br>46.73 | 0.00<br>0.00 | OK<br>OK | 0.48<br>0.48 | 34.32<br>49.92 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.16 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X21又<br>又X22又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.61<br>1.61 | 13.20<br>19.20 | 0.12<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X13又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.14<br>0.14 | 19.80<br>28.80 | 0.01<br>0.00 | OK<br>OK | 0.96<br>0.96 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.26 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.81<br>1.81 | 13.20<br>19.20 | 0.14<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.44<br>0.44 | 12.67<br>18.43 | 0.03<br>0.02 | OK<br>OK | 1.68<br>1.68 | 21.12<br>30.72 | 0.08<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X21又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.61<br>1.61 | 13.20<br>19.20 | 0.12<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.34<br>0.34 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.51<br>1.51 | 13.20<br>19.20 | 0.11<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又Y５ | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.08<br>0.08 | 19.80<br>28.80 | 0.00<br>0.00 | OK<br>OK | 0.66<br>0.66 | 26.40<br>38.40 | 0.03<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.22 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又Y５<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | 0.07<br>0.05 | OK<br>OK | 1.61<br>1.61 | 13.20<br>19.20 | 0.12<br>0.08 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X９又Y５<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 5.79<br>5.79 | 10.14<br>14.75 | 0.57<br>0.39 | OK<br>OK | 4.57<br>4.57 | 21.12<br>30.72 | 0.22<br>0.15 | OK<br>OK | 0.54<br>0.54 | 0.68<br>1.81 | 0.80<br>0.30 | OK<br>OK | ○ | ○ | ○ |
| | 又X21又Y５<br>又又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 2.88<br>2.88 | 24.63<br>35.83 | 0.12<br>0.08 | OK<br>OK | 7.06<br>7.06 | 31.68<br>46.08 | 0.22<br>0.15 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又Y５<br>又X19又Y５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.03 | 4.95<br>7.20 | 0.01<br>0.00 | OK<br>OK | 0.33<br>0.33 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.07<br>0.18 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y５<br>又X14又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.43<br>0.43 | 19.80<br>28.80 | 0.02<br>0.01 | OK<br>OK | 1.70<br>1.70 | 26.40<br>38.40 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又Y５<br>又X19又Y５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | 0.02<br>0.01 | OK<br>OK | 0.81<br>0.81 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又Y５<br>又X19又Y５ | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 2.57<br>7.46 | 15.84<br>28.80 | 0.16<br>0.26 | OK<br>OK | 6.39<br>17.12 | 26.40<br>48.00 | 0.24<br>0.36 | OK<br>OK | 0.01<br>0.02 | 0.15<br>0.40 | 0.05<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又Y５<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.17 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.74<br>0.74 | 13.20<br>19.20 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X10又Y５<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.90<br>0.90 | 4.46<br>6.48 | 0.20<br>0.14 | OK<br>OK | 2.86<br>2.86 | 13.20<br>19.20 | 0.22<br>0.15 | OK<br>OK | 0.03<br>0.03 | 0.18<br>0.49 | 0.15<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | X10又Y５<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 4.54<br>12.54 | 11.40<br>20.74 | 0.40<br>0.60 | OK<br>OK | 7.07<br>17.47 | 21.12<br>38.40 | 0.33<br>0.46 | OK<br>OK | 0.19<br>0.49 | 0.41<br>1.11 | 0.45<br>0.44 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又Y５<br>又X21又Y５ | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 3.43<br>5.48 | 24.63<br>44.79 | 0.14<br>0.12 | OK<br>OK | 8.28<br>12.79 | 31.68<br>57.60 | 0.26<br>0.22 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又Y５ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+K | 648<br>5832 | 0.72<br>2.69 | 5.70<br>10.37 | 0.13<br>0.26 | OK<br>OK | 2.03<br>6.36 | 15.84<br>28.80 | 0.13<br>0.22 | OK<br>OK | 0.01<br>0.04 | 0.15<br>0.40 | 0.06<br>0.09 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.13<br>0.13 | 19.80<br>28.80 | 0.01<br>0.00 | OK<br>OK | 0.96<br>0.96 | 26.40<br>38.40 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.24 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X20又Y５ | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.58<br>1.58 | 24.63<br>35.83 | 0.06<br>0.04 | OK<br>OK | 4.21<br>4.21 | 31.68<br>46.08 | 0.13<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>X10又Y５ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.13<br>0.13 | 11.40<br>16.59 | 0.01<br>0.01 | OK<br>OK | 2.52<br>2.52 | 21.12<br>30.72 | 0.12<br>0.08 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 1 | 又X15又<br>又X16又Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 5.10<br>11.62 | 15.84<br>28.80 | 0.32<br>0.40 | OK<br>OK | 8.51<br>17.06 | 26.40<br>48.00 | 0.32<br>0.36 | OK<br>OK | 0.06<br>0.14 | 0.31<br>0.82 | 0.19<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.30<br>0.30 | 4.46<br>6.48 | 0.07<br>0.05 | OK<br>OK | 1.92<br>1.92 | 13.20<br>19.20 | 0.15<br>0.10 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.35<br>0.35 | 7.13<br>10.37 | 0.05<br>0.03 | OK<br>OK | 1.06<br>1.06 | 15.84<br>23.04 | 0.07<br>0.05 | OK<br>OK | 0.01<br>0.01 | 0.22<br>0.58 | 0.04<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.33<br>2.33 | 17.82<br>25.92 | 0.13<br>0.09 | OK<br>OK | 4.82<br>4.82 | 26.40<br>38.40 | 0.18<br>0.13 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.69 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.47<br>0.47 | 7.13<br>10.37 | 0.07<br>0.05 | OK<br>OK | 0.95<br>0.95 | 15.84<br>23.04 | 0.06<br>0.04 | OK<br>OK | 0.03<br>0.03 | 0.33<br>0.89 | 0.10<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 7.32<br>16.60 | 24.63<br>44.79 | 0.30<br>0.37 | OK<br>OK | 11.41<br>33.47 | 31.68<br>57.60 | 0.36<br>0.58 | OK<br>OK | 0.05<br>0.12 | 0.30<br>0.81 | 0.15<br>0.14 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X18又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.14<br>0.14 | 27.37<br>39.81 | 0.01<br>0.00 | OK<br>OK | 1.30<br>1.30 | 31.68<br>46.08 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.46<br>0.46 | 7.13<br>10.37 | 0.07<br>0.04 | OK<br>OK | 2.42<br>2.42 | 15.84<br>23.04 | 0.15<br>0.10 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.03<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y6<br>又X17又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.58<br>0.58 | 27.37<br>39.81 | 0.02<br>0.01 | OK<br>OK | 2.56<br>2.56 | 31.68<br>46.08 | 0.08<br>0.06 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y6<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.88<br>0.88 | 7.13<br>10.37 | 0.12<br>0.08 | OK<br>OK | 1.91<br>1.91 | 15.84<br>23.04 | 0.12<br>0.08 | OK<br>OK | 0.04<br>0.04 | 0.31<br>0.82 | 0.13<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y6<br>又X16又Y6 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.48<br>0.51 | 27.37<br>39.81 | 0.02<br>0.01 | OK<br>OK | 3.58<br>3.92 | 31.68<br>46.08 | 0.11<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y6<br>又X15又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 5.44<br>6.26 | 19.80<br>28.80 | 0.27<br>0.22 | OK<br>OK | 4.71<br>5.19 | 26.40<br>38.40 | 0.18<br>0.14 | OK<br>OK | 0.20<br>0.23 | 0.59<br>1.57 | 0.35<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y6<br>又X11又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.27<br>0.27 | 17.82<br>25.92 | 0.02<br>0.01 | OK<br>OK | 3.35<br>3.35 | 26.40<br>38.40 | 0.13<br>0.09 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.16 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.48<br>4.48 | 15.84<br>23.04 | 0.28<br>0.19 | OK<br>OK | 9.87<br>9.87 | 26.40<br>38.40 | 0.37<br>0.26 | OK<br>OK | 0.03<br>0.03 | 0.25<br>0.67 | 0.13<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X15又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.25<br>1.25 | 7.13<br>10.37 | 0.17<br>0.12 | OK<br>OK | 1.41<br>1.41 | 15.84<br>23.04 | 0.09<br>0.06 | OK<br>OK | 0.18<br>0.18 | 0.59<br>1.57 | 0.31<br>0.12 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X11又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.46<br>1.46 | 7.13<br>10.37 | 0.20<br>0.14 | OK<br>OK | 2.47<br>2.47 | 15.84<br>23.04 | 0.16<br>0.11 | OK<br>OK | 0.11<br>0.11 | 0.39<br>1.05 | 0.27<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X16又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.33<br>1.33 | 12.67<br>18.43 | 0.10<br>0.07 | OK<br>OK | 2.91<br>2.91 | 21.12<br>30.72 | 0.14<br>0.09 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | 0.10<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X15又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.88<br>1.88 | 7.13<br>10.37 | 0.26<br>0.18 | OK<br>OK | 2.12<br>2.12 | 15.84<br>23.04 | 0.13<br>0.09 | OK<br>OK | 0.28<br>0.28 | 0.59<br>1.57 | 0.47<br>0.17 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.12<br>0.12 | 12.67<br>18.43 | 0.01<br>0.01 | OK<br>OK | 0.92<br>0.92 | 21.12<br>30.72 | 0.04<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.23 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又Y7<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.04<br>0.04 | 12.67<br>18.43 | 0.00<br>0.00 | OK<br>OK | 0.50<br>0.50 | 21.12<br>30.72 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.05<br>0.13 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y7<br>又X11又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.18<br>2.18 | 7.13<br>10.37 | 0.31<br>0.21 | OK<br>OK | 3.02<br>3.02 | 15.84<br>23.04 | 0.19<br>0.13 | OK<br>OK | 0.24<br>0.24 | 0.48<br>1.28 | 0.49<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y7<br>又X13又Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.30<br>0.30 | 12.67<br>18.43 | 0.02<br>0.02 | OK<br>OK | 1.31<br>1.31 | 21.12<br>30.72 | 0.06<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.31 | 4.95<br>7.20 | 0.06<br>0.04 | OK<br>OK | 1.37<br>1.37 | 13.20<br>19.20 | 0.10<br>0.07 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.05<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.80<br>1.80 | 13.20<br>19.20 | 0.14<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.41 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X12又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.92<br>2.92 | 7.13<br>10.37 | 0.41<br>0.28 | OK<br>OK | 3.42<br>3.42 | 15.84<br>23.04 | 0.22<br>0.15 | OK<br>OK | 0.44<br>0.44 | 0.57<br>1.52 | 0.77<br>0.29 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.40<br>0.40 | 4.95<br>7.20 | 0.08<br>0.06 | OK<br>OK | 1.74<br>1.74 | 13.20<br>19.20 | 0.13<br>0.09 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | 0.06<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X9Y8<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | 0.03<br>0.02 | OK<br>OK | 0.94<br>0.94 | 13.20<br>19.20 | 0.07<br>0.05 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |

［使用記号］

| | | |
|---|---|---|
| Mm | ：最大曲げモーメント | 〈kN・m〉 |
| Ma | ：許容曲げモーメント | 〈kN・m〉 |
| Qn | ：設計せん断力 | 〈kN〉 |
| Qa | ：許容せん断力 | 〈kN〉 |
| δm | ：最大たわみ | 〈cm〉 |
| δa | ：許容たわみ | 〈cm〉 |
| w | ：梁にかかる等分布荷重 | 〈kN/m〉 |
| P | ：梁にかかる集中荷重 | 〈kN〉 |

(2) 長期時の検討

長期時　梁

検定値　Mm／Ma　Qn／Qa　δm／δa

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 37.26 | 36.96 | 0.23 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

2/Y1
X0
又X1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.54×0.82 | 0.05 | 0.20 | 0.20 | 0.00 |
| W3 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.12 | 0.55 | 0.55 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

2/Y1
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.06 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 37.26 | 36.96 | 0.26 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

2/Y1
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.54×0.82 | 0.06 | 0.23 | 0.23 | 0.00 |
| W3 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.00 |
| 合　計 | 0.25 | 0.95 | 0.95 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又
又X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.90 | 1.76 | 0.97 | 1.94 | 0.02 |
| W1 | 0.47×0.30 | 0.12 | 0.19 | 0.19 | 0.00 |
| W2 | 0.54×0.82 | 0.36 | 0.60 | 0.60 | 0.00 |
| W3 | 0.70×1.77 | 1.03 | 1.69 | 1.69 | 0.01 |
| 合　計 | | 3.27 | 3.45 | 4.42 | 0.03 |
| 検　定 | | 0.10 | 0.09 | 0.12 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又X3
X5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.90 | 1.76 | 1.94 | 0.97 | 0.02 |
| W1 | 0.47×0.30 | 0.12 | 0.19 | 0.19 | 0.00 |
| W2 | 0.54×0.82 | 0.36 | 0.60 | 0.60 | 0.00 |
| W3 | 0.70×1.77 | 1.03 | 1.69 | 1.69 | 0.01 |
| 合　計 | | 3.27 | 4.42 | 3.45 | 0.03 |
| 検　定 | | 0.10 | 0.12 | 0.09 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

2/Y1
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.06 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 37.26 | 36.96 | 0.23 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

2/Y1
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.54×0.82 | 0.05 | 0.20 | 0.20 | 0.00 |
| W3 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.12 | 0.55 | 0.55 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.54×0.82 | 0.06 | 0.23 | 0.23 | 0.00 |
| W3 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.00 |
| 合　計 | 0.25 | 0.95 | 0.95 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又
又X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 2.90 | 1.76 | 0.97 | 1.94 | 0.02 |
| W1 0.47×0.30 | 0.12 | 0.19 | 0.19 | 0.00 |
| W2 0.54×0.82 | 0.36 | 0.60 | 0.60 | 0.00 |
| W3 0.70×1.77 | 1.03 | 1.69 | 1.69 | 0.01 |
| 合　計 | 3.27 | 3.45 | 4.42 | 0.03 |
| 検　定 | 0.10 | 0.09 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.54 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又X6
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.90 | 1.52 | 1.67 | 1.24 | 0.01 |
| W1 | 0.47×0.30 | 0.08 | 0.15 | 0.15 | 0.00 |
| W2 | 0.54×0.82 | 0.25 | 0.47 | 0.47 | 0.00 |
| W3 | 0.70×1.77 | 0.69 | 1.33 | 1.33 | 0.00 |
| 合　計 | | 2.54 | 3.62 | 3.18 | 0.02 |
| 検　定 | | 0.08 | 0.10 | 0.09 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.07 | 0.65 | 1.18 | 0.89 | 0.00 |
| W1 | 0.47×0.30 | 0.03 | 0.10 | 0.10 | 0.00 |
| W2 | 0.54×0.82 | 0.10 | 0.30 | 0.30 | 0.00 |
| W3 | 0.70×1.77 | 0.29 | 0.85 | 0.85 | 0.00 |
| 合　計 | | 1.07 | 2.42 | 2.14 | 0.00 |
| 検　定 | | 0.03 | 0.07 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>X8<br>X9 | 0.78 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>X0<br>又 | 1.96 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又<br>又X2 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又X2<br>又 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又<br>X5 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>X5<br>又 | 1.96 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>又 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>又 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>X8 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>X8<br>X9 | 0.78 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>X8<br>X9 | 0.78 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又Y2<br>X8<br>X9 | 0.78 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又 | 0.43 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又X2 | 1.39 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又X2<br>X3 | 0.43 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>X3<br>又 | 1.39 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又 | 0.32 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又 | 1.50 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又 | 1.23 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又 | 0.59 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.14 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.31 | 0.12 | 1.00 | 0.31 | 0.00 |
| P2 | 3.46 | 0.32 | 2.64 | 0.82 | 0.00 |
| W1 | 0.54×1.67 | 0.03 | 0.26 | 0.26 | 0.00 |
| 合　計 | | 0.47 | 3.90 | 1.39 | 0.00 |
| 検　定 | | 0.01 | 0.11 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又X2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.29 | 0.29 | 0.63 | 0.63 | 0.00 |
| 合　計 | | 0.29 | 0.63 | 0.63 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.34 | 0.44 | 0.32 | 1.02 | 0.00 |
| P2 | 3.34 | 1.09 | 0.80 | 2.54 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.00 |
| 合　計 | | 1.81 | 1.94 | 4.38 | 0.01 |
| 検　定 | | 0.05 | 0.05 | 0.12 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X2
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.50 | 0.08 | 0.08 | 0.42 | 0.00 |
| W1 | 0.54×1.29 | 0.28 | 0.63 | 0.63 | 0.00 |
| 合　計 | | 0.36 | 0.71 | 1.05 | 0.01 |
| 検　定 | | 0.02 | 0.03 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X3
又X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.68 | 0.91 | 0.67 | 1.02 | 0.01 |
| P2 | 3.34 | 1.81 | 1.32 | 2.01 | 0.01 |
| W1 | 0.54×1.67 | 0.57 | 1.04 | 1.04 | 0.00 |
| 合　計 | | 3.29 | 3.03 | 4.07 | 0.02 |
| 検　定 | | 0.10 | 0.08 | 0.11 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X4
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| 合　計 | 0.21 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.54 | 0.36 | 0.65 | 0.89 | 0.00 |
| P2 | 3.46 | 0.80 | 1.47 | 1.99 | 0.00 |
| W1 | 0.54×1.67 | 0.12 | 0.46 | 0.46 | 0.00 |
| 合　計 | | 1.28 | 2.58 | 3.34 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.49 | 0.48 | 0.36 | 1.13 | 0.00 |
| P2 | 3.34 | 1.09 | 0.80 | 2.54 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.00 |
| 合　計 | | 1.85 | 1.97 | 4.49 | 0.01 |
| 検　定 | | 0.06 | 0.05 | 0.12 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X6
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.49 | 0.80 | 0.59 | 0.90 | 0.01 |
| P2 | 0.84 | 0.29 | 0.22 | 0.62 | 0.00 |
| P3 | 0.40 | 0.14 | 0.10 | 0.30 | 0.00 |
| P4 | 3.34 | 1.81 | 1.32 | 2.01 | 0.01 |
| W1 | 0.54×1.67 | 0.57 | 1.04 | 1.04 | 0.01 |
| 合　計 | | 3.62 | 3.27 | 4.86 | 0.03 |
| 検　定 | | 0.12 | 0.09 | 0.13 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.46 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.52 | 0.34 | 0.74 | 0.74 | 0.04 |
| 合　計 | 0.34 | 0.74 | 0.74 | 0.04 |
| 検　定 | 0.08 | 0.06 | 0.06 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.06 | 0.44 | 0.49 | 0.57 | 0.00 |
| P2 2.38 | 1.00 | 1.09 | 1.29 | 0.00 |
| W1 0.54×1.67 | 0.32 | 0.76 | 0.76 | 0.00 |
| 合　計 | 1.76 | 2.34 | 2.62 | 0.01 |
| 検　定 | 0.05 | 0.06 | 0.07 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.52 | 0.06 | 0.32 | 0.32 | 0.00 |
| 合　計 | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.55 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X0
X2

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.27 | 0.21 | 0.11 | 0.16 | 0.01 |
| P2 | 1.07 | 0.84 | 0.44 | 0.64 | 0.03 |
| W1 | 0.59×0.40 | 0.31 | 0.38 | 0.38 | 0.01 |
| W2 | 1.30×0.40 | 0.68 | 0.84 | 0.84 | |
| | 0.60×0.40 | | | | 0.01 |
| W3 | 0.98×1.00 | 1.30 | 1.62 | 1.62 | 0.05 |
| 合　計 | | 3.33 | 3.39 | 3.64 | 0.11 |
| 検　定 | | 0.17 | 0.13 | 0.14 | 0.20 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X2
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.22 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 1.30×0.22 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.22 | | | | 0.00 |
| W3 0.98×1.00 | 0.10 | 0.45 | 0.45 | 0.00 |
| 合　計 | 0.14 | 0.64 | 0.64 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| W3 0.98×1.00 | 0.15 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.23 | 0.82 | 0.82 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.53 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.30×0.53 | 0.09 | 0.36 | 0.36 | |
| 0.60×0.53 | | | | 0.00 |
| W3 0.98×1.00 | 0.13 | 0.51 | 0.51 | 0.00 |
| 合　計 | 0.27 | 1.04 | 1.04 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.53 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.30×0.53 | 0.09 | 0.36 | 0.36 | |
| 0.60×0.53 | | | | 0.00 |
| W3 0.98×1.00 | 0.13 | 0.51 | 0.51 | 0.00 |
| 合　計 | 0.27 | 1.04 | 1.04 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 1.48 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/Y4
X5
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.21 | 0.80 | 0.81 | 0.40 | 0.09 |
| P2 | 0.57 | 0.38 | 0.38 | 0.19 | 0.04 |
| P3 | 1.22 | 1.59 | 0.41 | 0.81 | 0.09 |
| P4 | 0.58 | 0.76 | 0.19 | 0.38 | 0.04 |
| 合　計 | | 3.53 | 1.79 | 1.78 | 0.26 |
| 検　定 | | 0.14 | 0.05 | 0.05 | 0.18 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.57 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

2/Y4
又X7
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y4
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.22 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.22 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.22 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y4
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.55 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W2 0.59×0.14 | 0.11 | 0.14 | 0.14 | 0.01 |
| W3 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| W4 1.30×0.14 | 0.25 | 0.30 | 0.30 | |
| 0.60×0.40 | | | | 0.04 |
| 0.60×0.14 | | | | 0.01 |
| 合　計 | 1.37 | 1.66 | 1.66 | 0.10 |
| 検　定 | 0.14 | 0.09 | 0.09 | 0.18 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.18 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 合　計 | 0.15 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 18.40 | 29.04 | 1.48 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/又
X5
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.53 | 1.01 | 1.02 | 0.51 | 0.19 |
| P2 | 1.54 | 2.02 | 0.52 | 1.02 | 0.19 |
| 合　計 | | 3.03 | 1.54 | 1.53 | 0.37 |
| 検　定 | | 0.16 | 0.05 | 0.05 | 0.25 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 11.00 | 1.10 | 7.13 | 15.84 | 0.38 |
| | 係数 | 1.05 | | 断面欠損無 | | | | | | | |

2/又
又X7
X8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.01 |
| 合　計 | | 0.25 | 0.68 | 0.68 | 0.01 |
| 検　定 | | 0.04 | 0.04 | 0.04 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
又X1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 0.59×0.14 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.30×0.26 | 0.03 | 0.15 | 0.15 | |
| W5 1.30×0.14 | 0.02 | 0.08 | 0.08 | |
| 0.60×0.26 | | | | 0.00 |
| 0.60×0.14 | | | | 0.00 |
| 合　計 | 0.12 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.67 | 0.67 | 0.01 |
| W2 0.59×0.31 | 0.05 | 0.14 | 0.14 | 0.00 |
| W3 0.59×0.15 | 0.02 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.31 | 0.11 | 0.30 | 0.30 | |
| W5 1.30×0.15 | 0.05 | 0.14 | 0.14 | |
| 0.60×0.31 | | | | 0.00 |
| 0.60×0.15 | | | | 0.00 |
| 合　計 | 0.48 | 1.30 | 1.30 | 0.01 |
| 検　定 | 0.05 | 0.07 | 0.07 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

2/又
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.15 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/又
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 0.59×0.14 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.30×0.26 | 0.03 | 0.15 | 0.15 | |
| W5 1.30×0.14 | 0.02 | 0.08 | 0.08 | |
| 0.60×0.26 | | | | 0.00 |
| 0.60×0.14 | | | | 0.00 |
| 合　計 | 0.12 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.55 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W2 0.59×0.28 | 0.23 | 0.27 | 0.27 | 0.03 |
| W3 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| W4 1.30×0.28 | 0.50 | 0.60 | 0.60 | |
| 0.60×0.40 | | | | 0.04 |
| 0.60×0.28 | | | | 0.03 |
| 合　計 | 1.73 | 2.10 | 2.10 | 0.13 |
| 検　定 | 0.18 | 0.11 | 0.11 | 0.23 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.15 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.18 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 合　計 | 0.15 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.55 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W2 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W3 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| W4 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| 0.60×0.40 | | | | 0.04 |
| 0.60×0.40 | | | | 0.04 |
| 合　計 | 2.02 | 2.45 | 2.45 | 0.15 |
| 検　定 | 0.21 | 0.13 | 0.13 | 0.27 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.04 | 0.06 | 0.06 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.14 | 0.50 | 0.50 | 0.00 |
| W2 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W5 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 合　計 | 0.29 | 1.06 | 1.06 | 0.01 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.80 | 2.35 | 0.60 | 1.20 | 0.22 |
| P2 | 1.78 | 1.18 | 1.20 | 0.59 | 0.22 |
| 合　計 | | 3.53 | 1.80 | 1.78 | 0.43 |
| 検　定 | | 0.19 | 0.06 | 0.06 | 0.29 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.01 |
| 合　計 | | 0.25 | 0.68 | 0.68 | 0.01 |
| 検　定 | | 0.04 | 0.04 | 0.04 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.35 | 0.35 | 0.00 |
| 合　計 | 0.07 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| W5 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| 0.60×0.35 | | | | 0.00 |
| 0.60×0.35 | | | | 0.00 |
| 合　計 | 0.18 | 0.79 | 0.79 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

2/Y5
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.25 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/Y5
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.88 | 0.50 | 0.55 | 1.33 | 0.01 |
| W1 0.54×1.67 | 0.23 | 0.67 | 0.67 | 0.01 |
| W2 0.59×0.46 | 0.07 | 0.20 | 0.20 | 0.00 |
| W3 0.59×0.46 | 0.07 | 0.20 | 0.20 | 0.00 |
| W4 1.30×0.46 | 0.15 | 0.44 | 0.44 | |
| W5 1.30×0.46 | 0.15 | 0.44 | 0.44 | |
| 0.60×0.46 | | | | 0.00 |
| 0.60×0.46 | | | | 0.00 |
| 合　計 | 1.18 | 2.49 | 3.27 | 0.02 |
| 検　定 | 0.12 | 0.13 | 0.18 | 0.09 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| W5 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| 0.60×0.35 | | | | 0.00 |
| 0.60×0.35 | | | | 0.00 |
| 合　計 | 0.18 | 0.79 | 0.79 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 合　計 | 0.15 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.36 | 0.03 | 0.11 | 0.11 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.08 | 0.08 | 0.00 |
| W3 1.30×0.36 | 0.06 | 0.24 | 0.24 | |
| W4 1.30×0.26 | 0.05 | 0.18 | 0.18 | |
| 0.60×0.36 | | | | 0.00 |
| 0.60×0.26 | | | | 0.00 |
| 合　計 | 0.16 | 0.61 | 0.61 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.36 | 0.03 | 0.11 | 0.11 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.08 | 0.08 | 0.00 |
| W3 1.30×0.36 | 0.06 | 0.24 | 0.24 | |
| W4 1.30×0.26 | 0.05 | 0.18 | 0.18 | |
| 0.60×0.36 | | | | 0.00 |
| 0.60×0.26 | | | | 0.00 |
| 合　計 | 0.16 | 0.61 | 0.61 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
X5
又X7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.81 | 1.20 | 1.21 | 0.60 | 0.22 |
| P2 | 1.83 | 2.39 | 0.61 | 1.21 | 0.22 |
| W1 | 0.54×1.67 | 0.56 | 0.14 | 1.09 | 0.06 |
| 合　計 | | 4.15 | 1.97 | 2.90 | 0.50 |
| 検　定 | | 0.23 | 0.07 | 0.10 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又X7
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 11.40 | 21.12 | 0.34 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/又Y5
又
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| 合　計 | | 0.21 | 0.62 | 0.62 | 0.00 |
| 検　定 | | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 11.00 | 1.10 | 14.43 | 23.76 | 0.70 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/
X0
X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.12 | 0.06 | 0.03 | 0.10 | 0.01 |
| P2 | 0.27 | 0.13 | 0.06 | 0.21 | |
| | 0.12 | | | | 0.01 |
| W1 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.06 |
| W2 | 0.66×0.40 | 0.52 | 0.52 | 0.33 | 0.05 |
| W3 | 0.66×0.23 | 0.03 | 0.01 | 0.12 | 0.00 |
| W4 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W5 | 1.30×0.40 | 1.02 | 1.02 | 0.66 | |
| W6 | 1.30×0.23 | 0.06 | 0.03 | 0.24 | |
| | 0.60×0.41 | | | | 0.05 |
| | 0.60×0.40 | | | | 0.05 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 3.58 | 3.35 | 3.34 | 0.23 |
| 検　定 | | 0.25 | 0.14 | 0.14 | 0.33 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.59×0.18 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 1.30×0.18 | 0.04 | 0.13 | 0.13 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.18 | | | | 0.00 |
| 合　計 | 0.13 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.50 | 0.95 | 0.95 | 0.04 |
| W2 0.59×0.36 | 0.12 | 0.22 | 0.22 | 0.01 |
| W3 0.59×0.36 | 0.12 | 0.22 | 0.22 | 0.01 |
| W4 1.30×0.36 | 0.26 | 0.49 | 0.49 | |
| W5 1.30×0.36 | 0.26 | 0.49 | 0.49 | |
| 0.60×0.36 | | | | 0.01 |
| 0.60×0.36 | | | | 0.01 |
| 合　計 | 1.24 | 2.36 | 2.36 | 0.07 |
| 検　定 | 0.17 | 0.15 | 0.15 | 0.21 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.18 | 0.02 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.18 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.18 | 0.04 | 0.13 | 0.13 | |
| W4 1.30×0.18 | 0.04 | 0.13 | 0.13 | |
| 0.60×0.18 | | | | 0.00 |
| 0.60×0.18 | | | | 0.00 |
| 合　計 | 0.10 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W2 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W3 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W4 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| 0.60×0.41 | | | | 0.05 |
| 0.60×0.41 | | | | 0.05 |
| 合　計 | 3.52 | 3.35 | 3.35 | 0.20 |
| 検　定 | 0.22 | 0.14 | 0.14 | 0.29 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 8.73 | 18.48 | 0.53 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.12 | 0.13 | 0.07 | 0.01 |
| P2 | 0.05 | 0.03 | 0.03 | 0.02 | 0.00 |
| P3 | 0.10 | 0.06 | 0.07 | 0.03 | |
| | 0.05 | | | | 0.00 |
| W1 | 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.04 |
| W2 | 0.59×0.18 | 0.03 | 0.10 | 0.02 | 0.00 |
| W3 | 0.59×0.36 | 0.20 | 0.14 | 0.30 | 0.02 |
| W4 | 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| W5 | 1.30×0.18 | 0.07 | 0.21 | 0.04 | |
| W6 | 1.30×0.36 | 0.45 | 0.32 | 0.65 | |
| | 0.60×0.39 | | | | 0.04 |
| | 0.60×0.18 | | | | 0.00 |
| | 0.60×0.36 | | | | 0.02 |
| 合　計 | | 1.91 | 2.19 | 2.32 | 0.15 |
| 検　定 | | 0.22 | 0.12 | 0.13 | 0.28 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 11.00 | 1.10 | 16.04 | 23.76 | 0.70 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

2/Y6
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W2 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W3 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W4 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| | 0.60×0.41 | | | | 0.05 |
| | 0.60×0.41 | | | | 0.05 |
| 合　計 | | 3.52 | 3.35 | 3.35 | 0.20 |
| 検　定 | | 0.22 | 0.14 | 0.14 | 0.29 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.14 | 0.50 | 0.50 | 0.00 |
| W2 0.59×0.37 | 0.03 | 0.12 | 0.12 | 0.00 |
| W3 0.59×0.37 | 0.03 | 0.12 | 0.12 | 0.00 |
| W4 1.30×0.37 | 0.07 | 0.26 | 0.26 | |
| W5 1.30×0.37 | 0.07 | 0.26 | 0.26 | |
| 0.60×0.37 | | | | 0.00 |
| 0.60×0.37 | | | | 0.00 |
| 合　計 | 0.35 | 1.25 | 1.25 | 0.00 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.50 | 0.95 | 0.95 | 0.02 |
| W2 0.59×0.41 | 0.13 | 0.25 | 0.25 | 0.01 |
| W3 0.59×0.41 | 0.13 | 0.25 | 0.25 | 0.01 |
| W4 1.30×0.41 | 0.29 | 0.55 | 0.55 | |
| W5 1.30×0.41 | 0.29 | 0.55 | 0.55 | |
| 0.60×0.41 | | | | 0.01 |
| 0.60×0.41 | | | | 0.01 |
| 合　計 | 1.34 | 2.56 | 2.56 | 0.05 |
| 検　定 | 0.14 | 0.14 | 0.14 | 0.14 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 18.40 | 29.04 | 1.48 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/Y6
X5
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.94 | 1.28 | 1.30 | 0.64 | 0.24 |
| P2 | 1.95 | 2.56 | 0.65 | 1.30 | 0.24 |
| 合　計 | | 3.84 | 1.95 | 1.94 | 0.47 |
| 検　定 | | 0.21 | 0.07 | 0.07 | 0.32 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.57 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/Y6
又X7
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 11.00 | 1.10 | 16.04 | 23.76 | 0.70 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

2/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W2 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W3 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W4 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| 0.60×0.41 | | | | 0.05 |
| 0.60×0.41 | | | | 0.05 |
| 合　計 | 3.52 | 3.35 | 3.35 | 0.20 |
| 検　定 | 0.22 | 0.14 | 0.14 | 0.29 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.53 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.03 |
| W2 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.03 |
| W3 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| W4 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| 0.60×0.39 | | | | 0.03 |
| 0.60×0.39 | | | | 0.03 |
| 合　計 | 1.89 | 2.37 | 2.37 | 0.13 |
| 検　定 | 0.20 | 0.13 | 0.13 | 0.25 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X0
X3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.07 | 1.10 | 0.58 | 0.50 | 0.06 |
| P2 | 0.31 | 0.32 | 0.17 | 0.14 | 0.02 |
| W1 | 0.70×1.00 | 1.55 | 1.47 | 1.47 | 0.10 |
| W2 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.04 |
| W3 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| | 0.60×0.41 | | | | 0.04 |
| W4 | 0.84×1.00 | 1.86 | 1.77 | 1.77 | 0.12 |
| 合　計 | | 6.58 | 5.66 | 5.56 | 0.37 |
| 検　定 | | 0.33 | 0.21 | 0.21 | 0.53 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X3
X5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.78 | 0.61 | 0.39 | 0.39 | 0.04 |
| P2 | 0.22 | 0.17 | 0.11 | 0.11 | 0.01 |
| W1 | 0.70×1.00 | 0.90 | 1.12 | 1.12 | 0.07 |
| W2 | 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.02 |
| W3 | 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| | 0.60×0.39 | | | | 0.02 |
| W4 | 0.84×1.00 | 1.08 | 1.35 | 1.35 | 0.08 |
| 合　計 | | 3.71 | 4.15 | 4.15 | 0.24 |
| 検　定 | | 0.29 | 0.20 | 0.20 | 0.44 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X5
又X7

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.96 | 0.92 | 0.64 | 0.32 | 0.12 |
| P2 | 0.27 | 0.26 | 0.18 | 0.09 | 0.03 |
| P3 | 0.96 | 0.97 | 0.32 | 0.64 | 0.12 |
| P4 | 0.28 | 0.28 | 0.09 | 0.18 | 0.03 |
| W1 | 0.70×1.00 | 3.06 | 2.07 | 2.07 | 0.37 |
| W2 | 0.64×1.00 | 2.79 | 1.88 | 1.88 | 0.34 |
| 合　計 | | 8.27 | 5.19 | 5.18 | 1.00 |
| 検　定 | | 0.45 | 0.18 | 0.18 | 0.68 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又X7
X9

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.00 | 0.45 | 0.80 | 0.80 | 0.07 |
| W2 | 0.64×1.00 | 0.41 | 0.72 | 0.72 | 0.06 |
| 合　計 | | 0.86 | 1.52 | 1.52 | 0.13 |
| 検　定 | | 0.17 | 0.12 | 0.12 | 0.23 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.02 | 0.02 | 0.00 |
| W2 0.53×2.28 | 0.16 | 0.62 | 0.62 | 0.00 |
| W3 0.70×1.77 | 0.16 | 0.64 | 0.64 | 0.00 |
| 合　計 | 0.33 | 1.28 | 1.28 | 0.00 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
又X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.06 | 0.07 | 0.07 | 0.01 |
| W2 0.53×2.28 | 1.53 | 1.93 | 1.93 | 0.17 |
| W3 0.70×1.77 | 1.57 | 1.97 | 1.97 | 0.17 |
| 合　計 | 3.16 | 3.97 | 3.97 | 0.34 |
| 検　定 | 0.33 | 0.21 | 0.21 | 0.43 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.06 | 0.07 | 0.07 | 0.01 |
| W2 0.53×2.28 | 1.55 | 1.94 | 1.94 | 0.17 |
| W3 0.70×1.77 | 0.59 | 0.36 | 1.33 | 0.07 |
| W4 0.70×1.77 | 1.00 | 1.63 | 0.65 | 0.11 |
| 合　計 | 3.20 | 4.00 | 4.00 | 0.35 |
| 検　定 | 0.33 | 0.22 | 0.22 | 0.44 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.53×2.28 | 0.50 | 1.10 | 1.10 | 0.00 |
| W3 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| 合　計 | 1.03 | 2.27 | 2.27 | 0.01 |
| 検　定 | 0.04 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8

X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.03 | 0.05 | 0.05 | 0.00 |
| W2 0.53×2.28 | 0.78 | 1.38 | 1.38 | 0.01 |
| W3 0.70×1.77 | 0.80 | 1.41 | 1.41 | 0.01 |
| 合　計 | 1.61 | 2.84 | 2.84 | 0.03 |
| 検　定 | 0.08 | 0.10 | 0.10 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8

X6

X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.53×2.28 | 0.39 | 0.97 | 0.97 | 0.00 |
| W3 0.70×1.77 | 0.40 | 0.99 | 0.99 | 0.00 |
| 合　計 | 0.80 | 2.00 | 2.00 | 0.01 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X7
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.56 | 0.40 | 2.21 | 0.36 | 0.00 |
| P2 | 0.36 | 0.06 | 0.31 | 0.05 | 0.00 |
| P3 | 1.77 | 0.28 | 1.53 | 0.25 | 0.00 |
| P4 | 1.61 | 0.25 | 1.39 | 0.22 | 0.00 |
| W1 | 0.46×0.10 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 | 0.53×2.28 | 0.31 | 0.96 | 0.96 | 0.00 |
| W3 | 0.70×1.77 | 0.32 | 0.98 | 0.98 | 0.00 |
| 合　計 | | 1.63 | 7.42 | 2.85 | 0.01 |
| 検　定 | | 0.05 | 0.20 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
又
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | | 0.06 | 0.28 | 0.28 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.53×2.28 | 0.13 | 0.55 | 0.55 | 0.00 |
| W3 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.19 | 0.85 | 0.85 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X9
又X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.79 | 0.03 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.03 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.09 | 0.52 | 0.52 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.91 | 0.28 | 0.30 | 0.61 | 0.00 |
| P2 0.13 | 0.04 | 0.04 | 0.09 | 0.00 |
| P3 0.77 | 0.23 | 0.26 | 0.51 | 0.00 |
| W1 0.47×0.30 | 0.02 | 0.09 | 0.04 | 0.00 |
| W2 0.70×1.21 | 0.06 | 0.06 | 0.32 | 0.00 |
| W3 0.70×1.38 | 0.20 | 0.66 | 0.66 | 0.00 |
| 合　計 | 0.82 | 1.41 | 2.22 | 0.01 |
| 検　定 | 0.07 | 0.07 | 0.11 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.70×1.17 | 0.36 | 0.77 | 0.77 | 0.04 |
| 合　計 | 0.42 | 0.89 | 0.89 | 0.04 |
| 検　定 | 0.08 | 0.07 | 0.07 | 0.14 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.21 | 0.09 | 0.38 | 0.38 | 0.00 |
| 合　計 | 0.09 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
Y2

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.92 | 0.31 | 0.69 | 0.23 | 0.01 |
| P2 | 0.25 | 0.08 | 0.18 | 0.06 | 0.00 |
| P3 | 1.59 | 0.54 | 1.20 | 0.40 | 0.01 |
| W1 | 0.70×1.42 | 0.23 | 0.51 | 0.85 | 0.01 |
| W2 | 0.70×1.21 | 0.07 | 0.34 | 0.05 | 0.00 |
| 合　計 | | 1.24 | 2.91 | 1.59 | 0.03 |
| 検　定 | | 0.11 | 0.14 | 0.08 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
又Y2
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 | 0.70×1.38 | 0.36 | 0.83 | 0.83 | 0.03 |
| 合　計 | | 0.41 | 0.95 | 0.95 | 0.04 |
| 検　定 | | 0.08 | 0.07 | 0.07 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.88 | 0.20 | 0.74 | 0.15 | 0.00 |
| P2 | 0.24 | 0.05 | 0.20 | 0.04 | 0.00 |
| P3 | 1.79 | 0.40 | 1.49 | 0.29 | 0.01 |
| W1 | 0.70×1.63 | 0.32 | 0.72 | 1.01 | 0.01 |
| W2 | 0.70×1.42 | 0.03 | 0.27 | 0.02 | 0.00 |
| 合　計 | | 1.00 | 3.42 | 1.51 | 0.02 |
| 検　定 | | 0.08 | 0.16 | 0.07 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y2
又
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 | 0.70×1.58 | 0.41 | 0.96 | 0.96 | 0.04 |
| 合　計 | | 0.47 | 1.08 | 1.08 | 0.04 |
| 検　定 | | 0.09 | 0.08 | 0.08 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO

Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.08 | 0.53 | 0.11 | 0.00 |
| P2 | 0.17 | 0.02 | 0.14 | 0.03 | 0.00 |
| P3 | 1.43 | 0.18 | 1.18 | 0.25 | 0.00 |
| W1 | 0.70×1.63 | 0.01 | 0.17 | 0.02 | 0.00 |
| W2 | 0.70×1.79 | 0.07 | 0.39 | 0.55 | 0.00 |
| 合　計 | | 0.37 | 2.40 | 0.96 | 0.00 |
| 検　定 | | 0.03 | 0.11 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
Y3
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 | 0.70×1.73 | 0.09 | 0.47 | 0.47 | 0.00 |
| 合　計 | | 0.10 | 0.52 | 0.52 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y3
又Y3
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.70×1.82 | 0.08 | 0.45 | 0.45 | 0.00 |
| 合　計 | 0.09 | 0.50 | 0.50 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y3
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.88 | 0.08 | 0.45 | 0.45 | 0.00 |
| 合　計 | 0.08 | 0.45 | 0.45 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y3
Y4
勾配梁

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.79 | 0.58 | 0.51 | 1.27 | 0.01 |
| W1 | 0.47×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 | 0.70×1.96 | 0.39 | 1.12 | 1.12 | 0.01 |
| 合　計 | | 1.01 | 1.74 | 2.50 | 0.01 |
| 検　定 | | 0.06 | 0.07 | 0.11 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y3
Y4

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×2.02 | 0.44 | 1.12 | 1.12 | 0.00 |
| 合　計 | | 0.44 | 1.12 | 1.12 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.31 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/X0
Y4

勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 | 0.70×2.03 | 0.60 | 1.30 | 1.30 | 0.06 |
| 合　計 | | 0.66 | 1.43 | 1.43 | 0.07 |
| 検　定 | | 0.13 | 0.11 | 0.11 | 0.21 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 11.00 | 1.10 | 17.82 | 26.40 | 0.20 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/X0
Y4
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.10 | 0.12 | 0.39 | 0.00 |
| P2 | 1.14 | 0.23 | 0.28 | 0.86 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.70×2.05 | 0.22 | 0.86 | 0.86 | 0.00 |
| W2 | 0.59×0.23 | 0.02 | 0.08 | 0.05 | 0.00 |
| W3 | 0.59×0.08 | 0.00 | 0.00 | 0.01 | 0.00 |
| W4 | 1.30×0.23 | 0.04 | 0.17 | 0.10 | |
| W5 | 1.30×0.08 | 0.00 | 0.00 | 0.02 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.08 | | | | 0.00 |
| 合　計 | | 0.61 | 1.51 | 2.30 | 0.00 |
| 検　定 | | 0.03 | 0.06 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.75 | 0.63 | 1.04 | 0.71 | 0.00 |
| P2 | 0.25 | 0.09 | 0.15 | 0.10 | 0.00 |
| P3 | 2.52 | 0.91 | 1.50 | 1.02 | 0.01 |
| P4 | 0.66 | 0.24 | 0.39 | 0.27 | 0.00 |
| P5 | 1.44 | 0.52 | 0.86 | 0.59 | |
| | 0.67 | | | | 0.00 |
| W1 | 0.70×2.05 | 0.16 | 0.71 | 0.18 | 0.00 |
| W2 | 0.70×1.91 | 0.23 | 0.36 | 0.85 | 0.00 |
| W3 | 0.59×0.23 | 0.02 | 0.04 | 0.09 | 0.00 |
| W4 | 0.59×0.16 | 0.01 | 0.05 | 0.01 | 0.00 |
| W5 | 1.30×0.23 | 0.05 | 0.08 | 0.19 | |
| W6 | 1.30×0.16 | 0.02 | 0.10 | 0.03 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.16 | | | | 0.00 |
| 合　計 | | 2.89 | 5.27 | 4.03 | 0.02 |
| 検　定 | | 0.16 | 0.20 | 0.15 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO

Y5
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 | 0.70×1.89 | 0.56 | 1.22 | 1.22 | 0.06 |
| 合　計 | | 0.62 | 1.34 | 1.34 | 0.06 |
| 検　定 | | 0.12 | 0.10 | 0.10 | 0.20 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.91 | 0.14 | 0.61 | 0.61 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y5
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 0.70×1.77 | 0.29 | 0.85 | 0.85 | 0.02 |
| 合　計 | 0.33 | 0.95 | 0.95 | 0.02 |
| 検　定 | 0.07 | 0.07 | 0.07 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.79 | 0.13 | 0.57 | 0.57 | 0.00 |
| W2 | 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 | 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 0.17 | 0.77 | 0.77 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.12 | 0.48 | 1.06 | 1.06 | 0.00 |
| P2 | 0.19 | 0.04 | 0.09 | 0.09 | 0.00 |
| P3 | 1.66 | 0.38 | 0.83 | 0.83 | 0.00 |
| W1 | 0.70×1.79 | 0.06 | 0.43 | 0.14 | 0.00 |
| W2 | 0.70×1.69 | 0.06 | 0.13 | 0.40 | 0.00 |
| W3 | 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 | 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 1.07 | 2.74 | 2.73 | 0.00 |
| 検　定 | | 0.05 | 0.10 | 0.10 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
Y6
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 0.70×1.67 | 0.28 | 0.81 | 0.81 | 0.02 |
| 合　計 | 0.31 | 0.90 | 0.90 | 0.02 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO

Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.69 | 0.12 | 0.54 | 0.54 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.73 | 0.73 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y6
Y7
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 | 0.70×1.55 | 0.46 | 1.00 | 1.00 | 0.05 |
| 合　計 | | 0.52 | 1.13 | 1.13 | 0.05 |
| 検　定 | | 0.10 | 0.09 | 0.09 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y6
Y7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.51 | 0.56 | 0.56 | 0.01 |
| P2 | 2.22 | 1.01 | 1.11 | 1.11 | |
| | 1.03 | | | | 0.01 |
| W1 | 0.70×1.57 | 0.45 | 1.00 | 1.00 | 0.01 |
| W2 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W4 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W5 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 2.16 | 3.06 | 3.06 | 0.02 |
| 検　定 | | 0.12 | 0.12 | 0.12 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.00 | 0.04 | 0.00 | 0.00 |
| W2 0.46×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.70×1.93 | 0.31 | 0.92 | 0.92 | 0.00 |
| 合　計 | 0.33 | 0.99 | 0.96 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.70×1.82 | 0.13 | 0.58 | 0.58 | 0.00 |
| 合　計 | 0.14 | 0.60 | 0.60 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.24 | 0.42 | 0.12 | 1.11 | 0.05 |
| P2 | 1.70 | 1.87 | 0.55 | 1.16 | 0.20 |
| P3 | 1.78 | 3.29 | 0.96 | 0.81 | 0.25 |
| P4 | 1.76 | 1.57 | 1.38 | 0.38 | 0.15 |
| 合　計 | | 7.15 | 3.01 | 3.46 | 0.66 |
| 検　定 | | 0.24 | 0.08 | 0.09 | 0.35 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
Y4
又Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.19 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 | 0.59×0.26 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 | 1.30×0.19 | 0.02 | 0.09 | 0.09 | |
| W4 | 1.30×0.26 | 0.02 | 0.13 | 0.13 | |
| | 0.60×0.19 | | | | 0.00 |
| | 0.60×0.26 | | | | 0.00 |
| 合　計 | | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
又Y4
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.05 | 0.33 | 0.18 | 0.00 |
| P2 | 1.14 | 0.11 | 0.73 | 0.40 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.20 | 0.20 | 0.00 |
| W2 | 0.59×0.23 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 | 0.59×0.08 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 0.59×0.08 | 0.00 | 0.00 | 0.01 | 0.00 |
| W5 | 1.30×0.23 | 0.01 | 0.07 | 0.07 | |
| W6 | 1.30×0.08 | 0.00 | 0.01 | 0.00 | |
| W7 | 1.30×0.08 | 0.00 | 0.01 | 0.02 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.08 | | | | 0.00 |
| | 0.60×0.08 | | | | 0.00 |
| 合　計 | | 0.19 | 1.40 | 0.92 | 0.00 |
| 検　定 | | 0.02 | 0.08 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.76 | Qa<br>18.48 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.83 | 1.02 | 1.68 | 1.15 | 0.03 |
| P2 | 0.66 | 0.24 | 0.39 | 0.27 | 0.01 |
| P3 | 1.44 | 0.52 | 0.86 | 0.59 | |
| | 0.67 | | | | 0.01 |
| P4 | 0.12 | 0.04 | 0.07 | 0.05 | 0.00 |
| P5 | 0.27 | 0.10 | 0.16 | 0.11 | |
| | 0.12 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.26 | 0.69 | 0.69 | 0.01 |
| W2 | 0.59×0.29 | 0.02 | 0.08 | 0.02 | 0.00 |
| W3 | 0.59×0.23 | 0.02 | 0.04 | 0.09 | 0.00 |
| W4 | 0.59×0.23 | 0.02 | 0.04 | 0.09 | 0.00 |
| W5 | 0.59×0.16 | 0.01 | 0.05 | 0.01 | 0.00 |
| W6 | 1.30×0.29 | 0.04 | 0.19 | 0.05 | |
| W7 | 1.30×0.23 | 0.05 | 0.08 | 0.19 | |
| W8 | 1.30×0.23 | 0.05 | 0.08 | 0.19 | |
| W9 | 1.30×0.16 | 0.02 | 0.10 | 0.03 | |
| | 0.60×0.29 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.16 | | | | 0.00 |
| 合　計 | | 2.42 | 4.50 | 3.50 | 0.05 |
| 検　定 | | 0.31 | 0.24 | 0.19 | 0.21 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X2
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P2 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| P3 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P4 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| 合　計 | | 6.89 | 2.90 | 3.34 | 0.64 |
| 検　定 | | 0.23 | 0.08 | 0.09 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.58 | 1.03 | 1.03 | 0.01 |
| 合　計 | 0.58 | 1.03 | 1.03 | 0.01 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y4
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.06 | 0.34 | 0.34 | 0.00 |
| W2 0.59×0.26 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.19 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.30×0.26 | 0.02 | 0.13 | 0.13 | |
| W5 1.30×0.19 | 0.02 | 0.09 | 0.09 | |
| 0.60×0.26 | | | | 0.00 |
| 0.60×0.19 | | | | 0.00 |
| 合　計 | 0.12 | 0.65 | 0.65 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.17 | 0.08 | 0.08 | 0.09 | 0.00 |
| P2 | 0.38 | 0.18 | 0.18 | 0.21 | |
| | 0.18 | | | | 0.00 |
| P3 | 0.17 | 0.01 | 0.16 | 0.01 | 0.00 |
| P4 | 0.38 | 0.03 | 0.35 | 0.03 | |
| | 0.18 | | | | 0.00 |
| P5 | 0.12 | 0.06 | 0.06 | 0.07 | 0.00 |
| P6 | 0.27 | 0.13 | 0.12 | 0.15 | |
| | 0.12 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.44 | 0.89 | 0.89 | 0.01 |
| W2 | 0.59×0.08 | 0.00 | 0.01 | 0.00 | 0.00 |
| W3 | 0.59×0.27 | 0.04 | 0.12 | 0.04 | 0.00 |
| W4 | 0.59×0.23 | 0.03 | 0.08 | 0.04 | 0.00 |
| W5 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W6 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W7 | 1.30×0.08 | 0.00 | 0.02 | 0.00 | |
| W8 | 1.30×0.27 | 0.09 | 0.27 | 0.10 | |
| W9 | 1.30×0.23 | 0.07 | 0.19 | 0.08 | |
| W10 | 1.30×0.23 | 0.07 | 0.06 | 0.21 | |
| W11 | 1.30×0.23 | 0.07 | 0.06 | 0.21 | |
| | 0.60×0.08 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 1.37 | 2.70 | 2.32 | 0.02 |
| 検　定 | | 0.09 | 0.10 | 0.09 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3

又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.52 | 0.83 | 0.91 | 0.61 | 0.02 |
| P2 | 1.12 | 0.20 | 0.22 | 0.89 | 0.01 |
| P3 | 2.22 | 0.40 | 0.44 | 1.78 | |
| | 1.03 | | | | 0.01 |
| P4 | 0.15 | 0.03 | 0.03 | 0.12 | 0.00 |
| P5 | 0.32 | 0.06 | 0.06 | 0.26 | |
| | 0.15 | | | | 0.00 |
| P6 | 0.12 | 0.07 | 0.07 | 0.05 | 0.00 |
| P7 | 0.27 | 0.15 | 0.16 | 0.11 | |
| | 0.12 | | | | 0.00 |
| P8 | 0.17 | 0.10 | 0.10 | 0.07 | 0.00 |
| P9 | 0.38 | 0.21 | 0.23 | 0.15 | |
| | 0.18 | | | | 0.00 |
| W1 | 0.59×0.23 | 0.01 | 0.01 | 0.05 | 0.00 |
| W2 | 0.59×0.23 | 0.04 | 0.05 | 0.07 | 0.00 |
| W3 | 0.59×0.23 | 0.04 | 0.05 | 0.07 | 0.00 |
| W4 | 0.59×0.12 | 0.00 | 0.00 | 0.03 | 0.00 |
| W5 | 0.59×0.23 | 0.03 | 0.10 | 0.02 | 0.00 |
| W6 | 0.59×0.23 | 0.03 | 0.10 | 0.02 | 0.00 |
| W7 | 1.30×0.23 | 0.01 | 0.01 | 0.12 | |
| W8 | 1.30×0.23 | 0.10 | 0.11 | 0.16 | |
| W9 | 1.30×0.23 | 0.10 | 0.11 | 0.16 | |
| W10 | 1.30×0.12 | 0.01 | 0.01 | 0.06 | |
| W11 | 1.30×0.23 | 0.07 | 0.22 | 0.05 | |
| W12 | 1.30×0.23 | 0.07 | 0.22 | 0.05 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.12 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 2.57 | 3.21 | 4.92 | 0.04 |
| 検　定 | | 0.16 | 0.12 | 0.19 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
又
Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.34 | 0.75 | 0.38 | 0.00 |
| P2 | 2.22 | 0.67 | 1.48 | 0.74 | |
| | 1.03 | | | | 0.00 |
| P3 | 0.13 | 0.04 | 0.09 | 0.04 | 0.00 |
| P4 | 0.64 | 0.19 | 0.43 | 0.21 | 0.00 |
| P5 | 1.41 | 0.43 | 0.94 | 0.47 | |
| | 0.65 | | | | 0.00 |
| W1 | 0.59×0.23 | 0.02 | 0.04 | 0.08 | 0.00 |
| W2 | 0.59×0.23 | 0.02 | 0.04 | 0.08 | 0.00 |
| W3 | 0.59×0.23 | 0.01 | 0.05 | 0.01 | 0.00 |
| W4 | 0.59×0.12 | 0.00 | 0.03 | 0.01 | 0.00 |
| W5 | 1.30×0.23 | 0.04 | 0.09 | 0.18 | |
| W6 | 1.30×0.23 | 0.04 | 0.09 | 0.18 | |
| W7 | 1.30×0.23 | 0.02 | 0.11 | 0.02 | |
| W8 | 1.30×0.12 | 0.01 | 0.06 | 0.01 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.12 | | | | 0.00 |
| 合　計 | | 1.84 | 4.20 | 2.42 | 0.01 |
| 検　定 | | 0.12 | 0.16 | 0.09 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y6
Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.51 | 0.56 | 0.56 | 0.01 |
| P2 | 2.22 | 1.01 | 1.11 | 1.11 | |
| | 1.03 | | | | 0.01 |
| P3 | 0.74 | 0.34 | 0.37 | 0.37 | 0.00 |
| P4 | 1.63 | 0.74 | 0.81 | 0.81 | |
| | 0.75 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| W2 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W4 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W5 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W6 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W7 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| W8 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W9 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 3.33 | 4.46 | 4.46 | 0.03 |
| 検　定 | | 0.21 | 0.17 | 0.17 | 0.10 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.16 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.16 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.13 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.13 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y3
Y4
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.79 | 0.67 | 0.36 | 1.43 | 0.01 |
| P2 | 0.71 | 0.26 | 0.14 | 0.56 | 0.01 |
| 合　計 | | 0.94 | 0.50 | 1.99 | 0.02 |
| 検　定 | | 0.06 | 0.02 | 0.08 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.17 | 0.08 | 0.09 | 0.09 | 0.00 |
| P2 | 0.38 | 0.17 | 0.19 | 0.19 | |
| | 0.18 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.10 | 0.46 | 0.00 |
| W2 | 0.54×1.67 | 0.16 | 0.19 | 0.22 | 0.01 |
| W3 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W4 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W5 | 0.59×0.53 | 0.05 | 0.05 | 0.19 | 0.00 |
| W6 | 0.59×0.53 | 0.08 | 0.23 | 0.09 | 0.00 |
| W7 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W8 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| W9 | 1.30×0.53 | 0.10 | 0.11 | 0.41 | |
| W10 | 1.30×0.53 | 0.18 | 0.51 | 0.21 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| 合　計 | | 1.09 | 1.86 | 2.26 | 0.03 |
| 検　定 | | 0.12 | 0.10 | 0.12 | 0.10 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y4

勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.53 | 0.02 | 0.11 | 0.04 | 0.00 |
| W3 0.59×0.52 | 0.02 | 0.03 | 0.10 | 0.00 |
| W4 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W5 1.30×0.53 | 0.04 | 0.23 | 0.08 | |
| W6 1.30×0.52 | 0.04 | 0.08 | 0.23 | |
| W7 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.52 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.06 | 1.06 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/

Ｙ５
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.15 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

2/
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.46 | 0.03 | 0.12 | 0.12 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.46 | 0.06 | 0.27 | 0.27 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.46 | | | | 0.00 |
| 合　計 | 0.23 | 1.00 | 1.00 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 11.00 | 1.10 | 19.80 | 26.40 | 0.46 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

2/
Y5
Y6
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.84 | 0.58 | 0.42 | 0.42 | 0.01 |
| P2 2.12 | 1.46 | 1.06 | 1.06 | 0.03 |
| 合　計 | 2.04 | 1.48 | 1.48 | 0.05 |
| 検　定 | 0.10 | 0.06 | 0.06 | 0.10 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.04 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.23 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 0.59×0.12 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 1.30×0.23 | 0.01 | 0.07 | 0.07 | |
| W5 1.30×0.12 | 0.00 | 0.03 | 0.03 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.12 | | | | 0.00 |
| 合　計 | 0.04 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 | 0.59×0.12 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 | 0.59×0.23 | 0.00 | 0.03 | 0.03 | 0.00 |
| W4 | 1.30×0.12 | 0.00 | 0.03 | 0.03 | |
| W5 | 1.30×0.23 | 0.01 | 0.07 | 0.07 | |
| | 0.60×0.12 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 0.04 | 0.35 | 0.35 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| P2 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P3 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P4 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| 合　計 | | 6.89 | 2.90 | 3.34 | 0.64 |
| 検　定 | | 0.23 | 0.08 | 0.09 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X4
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.53 | 0.02 | 0.03 | 0.11 | 0.00 |
| W2 0.59×0.53 | 0.04 | 0.16 | 0.07 | 0.00 |
| W3 0.59×0.53 | 0.04 | 0.16 | 0.07 | 0.00 |
| W4 0.59×0.53 | 0.02 | 0.03 | 0.11 | 0.00 |
| W5 1.30×0.53 | 0.04 | 0.06 | 0.25 | |
| W6 1.30×0.53 | 0.09 | 0.36 | 0.17 | |
| W7 1.30×0.53 | 0.09 | 0.36 | 0.17 | |
| W8 1.30×0.53 | 0.04 | 0.06 | 0.25 | |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 合　計 | 0.37 | 1.22 | 1.22 | 0.01 |
| 検　定 | 0.08 | 0.09 | 0.09 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X4
又
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.03 | 0.06 | 0.10 | 0.00 |
| W2 0.59×0.27 | 0.03 | 0.06 | 0.10 | 0.00 |
| W3 0.59×0.53 | 0.01 | 0.09 | 0.01 | 0.00 |
| W4 0.59×0.74 | 0.01 | 0.12 | 0.02 | 0.00 |
| W5 1.30×0.27 | 0.07 | 0.14 | 0.22 | |
| W6 1.30×0.27 | 0.07 | 0.14 | 0.22 | |
| W7 1.30×0.53 | 0.02 | 0.19 | 0.02 | |
| W8 1.30×0.74 | 0.03 | 0.27 | 0.03 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.74 | | | | 0.00 |
| 合　計 | 0.27 | 1.07 | 0.73 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.06 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.06 | 0.32 | 0.32 | 0.00 |
| 合　計 | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.76 | 0.80 | 0.88 | 0.88 | 0.02 |
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| 合　計 | 1.17 | 1.70 | 1.70 | 0.02 |
| 検　定 | 0.09 | 0.08 | 0.08 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.02 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.78 | 0.61 | 1.33 | 0.44 | 0.01 |
| W1 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.01 |
| 合　計 | 0.89 | 2.15 | 1.27 | 0.02 |
| 検　定 | 0.09 | 0.10 | 0.06 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
又Y2
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y2

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.70 | 0.33 | 1.42 | 0.28 | 0.01 |
| W1 | 0.54×1.67 | 0.34 | 0.82 | 0.82 | 0.01 |
| 合　計 | | 0.67 | 2.24 | 1.10 | 0.02 |
| 検　定 | | 0.05 | 0.11 | 0.05 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又Y2
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.23 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

2/X5
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.24 | 0.16 | 1.02 | 0.22 | 0.00 |
| W1 | 0.54×1.67 | 0.06 | 0.41 | 0.41 | 0.00 |
| 合　計 | | 0.22 | 1.43 | 0.63 | 0.00 |
| 検　定 | | 0.02 | 0.07 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.13 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/X5
又
Y3
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 28.91 | 34.32 | 0.57 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/X5
Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y3
Y4
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.71 | 0.26 | 0.14 | 0.56 | 0.01 |
| 合　計 | | 0.26 | 0.14 | 0.56 | 0.01 |
| 検　定 | | 0.03 | 0.01 | 0.03 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.76 | 0.33 | 0.30 | 0.46 | 0.00 |
| P2 | 1.54 | 0.67 | 0.61 | 0.93 | 0.01 |
| W1 | 0.54×1.67 | 0.10 | 0.10 | 0.46 | 0.00 |
| W2 | 0.59×0.53 | 0.05 | 0.05 | 0.19 | 0.00 |
| W3 | 0.59×0.53 | 0.07 | 0.23 | 0.09 | 0.00 |
| W4 | 1.30×0.53 | 0.12 | 0.11 | 0.41 | |
| W5 | 1.30×0.53 | 0.15 | 0.51 | 0.21 | |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| W6 | 0.98×1.00 | 0.39 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 1.89 | 2.81 | 3.64 | 0.02 |
| 検　定 | | 0.09 | 0.10 | 0.13 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/X5<br>Y4<br>又<br>勾配梁 | 1.11 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/X5<br>又<br>勾配梁 | 0.73 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/X5<br>又<br>勾配梁 | 1.11 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 20.70 | 29.04 | 0.30 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/X5
Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.39 | 0.35 | 0.53 | 0.00 |
| P2 | 1.80 | 0.78 | 0.72 | 1.08 | 0.01 |
| W1 | 0.54×1.67 | 0.36 | 0.82 | 0.82 | 0.00 |
| W2 | 0.59×0.53 | 0.01 | 0.12 | 0.02 | 0.00 |
| W3 | 0.59×0.53 | 0.02 | 0.06 | 0.03 | 0.00 |
| W4 | 0.59×0.53 | 0.09 | 0.09 | 0.23 | 0.00 |
| W5 | 1.30×0.53 | 0.03 | 0.27 | 0.04 | |
| W6 | 1.30×0.53 | 0.05 | 0.14 | 0.07 | |
| W7 | 1.30×0.53 | 0.19 | 0.21 | 0.51 | |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| W8 | 0.98×1.00 | 0.39 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.31 | 3.68 | 4.23 | 0.02 |
| 検　定 | | 0.11 | 0.13 | 0.15 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.12 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/X5
又
Y5
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.14 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/X5
Y5
又Y5
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.90 | 0.03 | 0.05 | 0.85 | 0.00 |
| P2 | 1.83 | 0.06 | 0.11 | 1.71 | 0.00 |
| P3 | 0.14 | 0.00 | 0.01 | 0.13 | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 | 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| | 0.60×0.23 | | | | 0.00 |
| W4 | 0.98×1.00 | 0.10 | 0.45 | 0.45 | 0.00 |
| 合　計 | | 0.32 | 1.23 | 3.75 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又Y5
又
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5

Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.84 | 0.19 | 0.63 | 0.21 | 0.00 |
| P2 | 0.07 | 0.03 | 0.04 | 0.04 | 0.00 |
| P3 | 0.70 | 0.32 | 0.35 | 0.35 | 0.00 |
| P4 | 1.55 | 0.70 | 0.77 | 0.77 | |
| | 0.71 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| W2 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W4 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| W5 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| W6 | 0.98×1.00 | 0.41 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.20 | 3.89 | 3.47 | 0.02 |
| 検　定 | | 0.11 | 0.13 | 0.12 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y6
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y6
Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.74 | 0.34 | 0.37 | 0.37 | 0.00 |
| P2 | 1.63 | 0.74 | 0.81 | 0.81 | |
| | 0.75 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| W2 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W4 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W5 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| W6 | 0.98×1.00 | 0.41 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.03 | 3.29 | 3.29 | 0.01 |
| 検　定 | | 0.10 | 0.11 | 0.11 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y6
Y7
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.07 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.01 | 0.13 | 0.13 | 0.00 |
| 合　計 | 0.01 | 0.13 | 0.13 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.13 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.13 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.78 | 3.29 | 0.96 | 0.81 | 0.25 |
| P2 | 1.24 | 0.42 | 0.12 | 1.11 | 0.05 |
| P3 | 1.70 | 1.87 | 0.55 | 1.16 | 0.20 |
| P4 | 1.76 | 1.57 | 1.38 | 0.38 | 0.15 |
| 合　計 | | 7.15 | 3.01 | 3.46 | 0.66 |
| 検　定 | | 0.24 | 0.08 | 0.09 | 0.35 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y3
Y4
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又Y5<br>Y6 | 1.88 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>Y6<br>Y7 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>Y7<br>又 | 1.36 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>Y8 | 0.91 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>Y3 | 0.91 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P2 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| P3 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P4 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| 合　計 | | 6.89 | 2.90 | 3.34 | 0.64 |
| 検　定 | | 0.23 | 0.08 | 0.09 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X6
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P2 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P3 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| P4 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| 合　計 | | 6.89 | 2.90 | 3.34 | 0.64 |
| 検　定 | | 0.23 | 0.08 | 0.09 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.84 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.37 | 1.01 | 0.45 | 0.93 | 0.02 |
| P2 | 0.65 | 0.48 | 0.21 | 0.44 | 0.01 |
| P3 | 1.21 | 0.89 | 0.39 | 0.82 | 0.02 |
| P4 | 0.57 | 0.42 | 0.19 | 0.39 | 0.01 |
| 合　計 | | 2.81 | 1.24 | 2.57 | 0.05 |
| 検　定 | | 0.11 | 0.04 | 0.07 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
Y3
Y4
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
又
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
又Y5
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.20 | 1.61 | 1.51 | 0.69 | 0.13 |
| P2 | 1.09 | 1.51 | 0.41 | 0.67 | 0.07 |
| P3 | 0.31 | 0.43 | 0.12 | 0.19 | 0.02 |
| P4 | 0.96 | 1.32 | 0.36 | 0.59 | 0.06 |
| P5 | 0.27 | 0.38 | 0.10 | 0.17 | 0.02 |
| P6 | 2.07 | 2.87 | 0.79 | 1.28 | 0.14 |
| P7 | 1.88 | 2.61 | 0.72 | 1.17 | 0.12 |
| P8 | 0.80 | 1.10 | 0.30 | 0.49 | 0.05 |
| P9 | 0.72 | 1.01 | 0.28 | 0.45 | 0.05 |
| P10 | 1.94 | 1.42 | 1.33 | 0.61 | 0.11 |
| 合　計 | | 14.27 | 5.93 | 6.32 | 0.77 |
| 検　定 | | 0.48 | 0.16 | 0.17 | 0.52 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.21 | 1.08 | 0.95 | 0.26 | 0.10 |
| P2 | 1.22 | 2.26 | 0.66 | 0.56 | 0.17 |
| P3 | 0.85 | 0.29 | 0.08 | 0.77 | 0.04 |
| P4 | 1.17 | 1.29 | 0.38 | 0.79 | 0.14 |
| 合　計 | | 4.91 | 2.07 | 2.38 | 0.45 |
| 検　定 | | 0.16 | 0.06 | 0.06 | 0.24 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.01 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.01 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.07 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.01 | 0.12 | 0.12 | 0.00 |
| 合　計 | 0.01 | 0.12 | 0.12 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y1
又Y1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.09 | 0.52 | 0.52 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.70×2.07 | 0.15 | 0.66 | 0.66 | 0.00 |
| 合　計 | 0.16 | 0.72 | 0.72 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.70×1.13 | 0.24 | 0.62 | 0.29 | 0.02 |
| W3 0.70×1.24 | 0.11 | 0.14 | 0.49 | 0.01 |
| 合　計 | 0.42 | 0.88 | 0.91 | 0.04 |
| 検　定 | 0.08 | 0.07 | 0.07 | 0.14 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.16 | 0.08 | 0.37 | 0.37 | 0.00 |
| 合　計 | 0.08 | 0.37 | 0.37 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.36 | 0.12 | 0.22 | 0.15 | 0.00 |
| P2 0.25 | 0.08 | 0.15 | 0.10 | 0.00 |
| P3 1.34 | 0.44 | 0.81 | 0.54 | 0.01 |
| P4 0.39 | 0.20 | 0.14 | 0.25 | 0.00 |
| P5 0.53 | 0.27 | 0.18 | 0.34 | 0.00 |
| P6 1.10 | 0.56 | 0.38 | 0.72 | 0.00 |
| P7 0.80 | 0.41 | 0.28 | 0.52 | 0.00 |
| P8 0.77 | 0.35 | 0.24 | 0.53 | 0.00 |
| P9 1.83 | 0.83 | 0.57 | 1.26 | 0.01 |
| P10 0.08 | 0.04 | 0.03 | 0.06 | 0.00 |
| W1 0.70×1.16 | 0.01 | 0.16 | 0.01 | 0.00 |
| W2 0.70×1.36 | 0.23 | 0.26 | 0.29 | 0.00 |
| W3 0.70×1.28 | 0.13 | 0.47 | 0.15 | 0.00 |
| W4 0.70×0.52 | 0.07 | 0.05 | 0.23 | 0.00 |
| W5 0.54×1.67 | 0.35 | 0.72 | 0.43 | 0.00 |
| W6 0.54×1.67 | 0.18 | 0.12 | 0.59 | 0.00 |
| W7 0.85×1.00 | 0.17 | 0.12 | 0.55 | 0.00 |
| 合　計 | 4.43 | 4.89 | 6.72 | 0.04 |
| 検　定 | 0.15 | 0.13 | 0.18 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又Y2
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.25 | 0.01 | 0.06 | 0.01 | 0.00 |
| W2 0.47×0.30 | 0.04 | 0.05 | 0.10 | 0.00 |
| W3 0.70×1.32 | 0.09 | 0.43 | 0.11 | 0.01 |
| W4 0.70×0.50 | 0.09 | 0.13 | 0.26 | 0.01 |
| 合　計 | 0.23 | 0.67 | 0.48 | 0.02 |
| 検　定 | 0.05 | 0.05 | 0.04 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.35 | 0.08 | 0.27 | 0.08 | 0.00 |
| P2 0.23 | 0.05 | 0.18 | 0.05 | 0.00 |
| P3 0.23 | 0.05 | 0.18 | 0.05 | 0.00 |
| P4 1.00 | 0.22 | 0.78 | 0.22 | 0.00 |
| P5 0.76 | 0.17 | 0.59 | 0.17 | 0.00 |
| W1 0.70×0.52 | 0.01 | 0.10 | 0.01 | 0.00 |
| W2 0.54×1.67 | 0.03 | 0.24 | 0.03 | 0.00 |
| W3 0.85×1.00 | 0.15 | 0.58 | 0.58 | 0.00 |
| 合　計 | 0.76 | 2.92 | 1.19 | 0.00 |
| 検　定 | 0.02 | 0.08 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y2
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.17 | 0.22 | 0.19 | 0.01 |
| W1 | 0.70×0.54 | 0.13 | 0.31 | 0.31 | 0.01 |
| W2 | 0.54×0.84 | 0.16 | 0.38 | 0.38 | 0.01 |
| 合　計 | | 0.46 | 0.91 | 0.89 | 0.04 |
| 検　定 | | 0.09 | 0.07 | 0.07 | 0.13 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y2
又
勾配梁

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 | 0.70×0.52 | 0.14 | 0.31 | 0.31 | 0.01 |
| W3 | 0.54×0.81 | 0.16 | 0.38 | 0.38 | 0.01 |
| 合　計 | | 0.35 | 0.81 | 0.81 | 0.03 |
| 検　定 | | 0.07 | 0.06 | 0.06 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.25 | 0.08 | 0.14 | 0.11 | 0.00 |
| P2 | 0.17 | 0.06 | 0.09 | 0.08 | 0.00 |
| P3 | 0.32 | 0.11 | 0.18 | 0.14 | 0.00 |
| P4 | 0.78 | 0.25 | 0.43 | 0.35 | 0.00 |
| P5 | 0.76 | 0.25 | 0.42 | 0.34 | 0.00 |
| W1 | 0.70×0.56 | 0.05 | 0.08 | 0.21 | 0.00 |
| W2 | 0.54×1.67 | 0.12 | 0.19 | 0.49 | 0.00 |
| W3 | 0.85×1.00 | 0.20 | 0.58 | 0.58 | 0.00 |
| 合　計 | | 1.11 | 2.10 | 2.31 | 0.00 |
| 検　定 | | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y3
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 | 0.70×0.54 | 0.03 | 0.15 | 0.15 | 0.00 |
| 合　計 | | 0.04 | 0.20 | 0.20 | 0.00 |
| 検　定 | | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y3
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1　0.75 | 0.19 | 0.40 | 0.35 | 0.00 |
| W1 0.70×0.57 | 0.05 | 0.20 | 0.20 | 0.00 |
| 合　計 | 0.23 | 0.60 | 0.55 | 0.01 |
| 検　定 | 0.05 | 0.05 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y3
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.70×0.56 | 0.05 | 0.20 | 0.20 | 0.00 |
| 合　計 | 0.07 | 0.27 | 0.27 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.84 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.76 | 0.43 | 0.25 | 0.52 | 0.01 |
| P2 | 0.09 | 0.05 | 0.03 | 0.06 | 0.00 |
| P3 | 0.36 | 0.20 | 0.12 | 0.25 | 0.01 |
| P4 | 0.08 | 0.04 | 0.02 | 0.05 | 0.00 |
| P5 | 0.39 | 0.22 | 0.13 | 0.26 | 0.01 |
| P6 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 |
| P7 | 0.49 | 0.28 | 0.16 | 0.33 | 0.01 |
| P8 | 0.16 | 0.08 | 0.11 | 0.05 | 0.00 |
| P9 | 0.06 | 0.03 | 0.04 | 0.02 | 0.00 |
| P10 | 0.42 | 0.20 | 0.30 | 0.12 | 0.01 |
| P11 | 0.55 | 0.27 | 0.39 | 0.16 | 0.01 |
| P12 | 1.05 | 0.10 | 0.98 | 0.06 | 0.00 |
| W1 | 0.54×1.67 | 1.00 | 1.36 | 0.69 | 0.03 |
| W2 | 0.85×1.00 | 1.20 | 1.43 | 1.43 | 0.04 |
| 合　計 | | 4.11 | 5.32 | 4.01 | 0.13 |
| 検　定 | | 0.19 | 0.17 | 0.13 | 0.15 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.22 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y4
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 | 0.70×0.57 | 0.01 | 0.08 | 0.01 | 0.00 |
| 合　計 | | 0.04 | 0.17 | 0.10 | 0.00 |
| 検　定 | | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1　0.07 | 0.01 | 0.06 | 0.01 | 0.00 |
| W1 0.70×0.58 | 0.01 | 0.08 | 0.01 | 0.00 |
| 合　計 | 0.02 | 0.14 | 0.02 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y4
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.02 | 0.08 | 0.08 | 0.00 |
| W2 0.54×0.83 | 0.07 | 0.25 | 0.25 | 0.00 |
| 合　計 | 0.09 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y4
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.37 | 0.02 | 0.33 | 0.04 | 0.00 |
| W1 | 0.54×0.84 | 0.07 | 0.25 | 0.25 | 0.00 |
| 合　計 | | 0.09 | 0.58 | 0.28 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.02 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.13 | 0.05 | 0.06 | 0.07 | 0.00 |
| P2 | 0.69 | 0.30 | 0.33 | 0.36 | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.02 | 0.23 | 0.00 |
| W2 | 0.54×1.67 | 0.36 | 0.80 | 0.60 | 0.00 |
| W3 | 0.85×1.00 | 0.35 | 0.77 | 0.77 | 0.00 |
| 合　計 | | 1.08 | 1.98 | 2.02 | 0.01 |
| 検　定 | | 0.04 | 0.06 | 0.06 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| 合　計 | 0.02 | 0.07 | 0.07 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| 合　計 | 0.01 | 0.06 | 0.06 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.85×1.00 | 0.26 | 0.67 | 0.67 | 0.00 |
| 合　計 | 0.26 | 0.67 | 0.67 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又Y5
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| 合　計 | 0.04 | 0.11 | 0.11 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>1.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y5
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.47 | 0.42 | 0.12 | 0.35 | 0.04 |
| P2 | 1.23 | 0.97 | 0.84 | 0.39 | 0.11 |
| P3 | 0.26 | 0.20 | 0.18 | 0.08 | 0.02 |
| P4 | 0.21 | 0.16 | 0.14 | 0.06 | 0.02 |
| P5 | 0.60 | 0.80 | 0.23 | 0.37 | 0.06 |
| P6 | 0.30 | 0.40 | 0.12 | 0.19 | 0.03 |
| P7 | 0.13 | 0.17 | 0.05 | 0.08 | 0.01 |
| P8 | 0.80 | 1.05 | 0.30 | 0.49 | 0.08 |
| P9 | 0.72 | 0.95 | 0.28 | 0.45 | 0.08 |
| P10 | 0.71 | 0.76 | 0.22 | 0.49 | 0.07 |
| W1 | 0.46×0.30 | 0.05 | 0.01 | 0.03 | 0.00 |
| W2 | 0.85×1.00 | 2.41 | 2.16 | 0.97 | 0.24 |
| 合　計 | | 8.35 | 4.65 | 3.94 | 0.77 |
| 検　定 | | 0.38 | 0.15 | 0.12 | 0.52 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y5
Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.15 | 0.29 | 0.11 | 0.01 |
| 合　計 | | 0.15 | 0.29 | 0.11 | 0.01 |
| 検　定 | | 0.03 | 0.02 | 0.01 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y5
Y6
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| 合　計 | 0.06 | 0.13 | 0.13 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y6
Y7
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| 合　計 | 0.06 | 0.13 | 0.13 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y6
Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y1
又X11
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70 | 0.02 | 0.16 | 0.16 | 0.00 |
| W2 | 0.70 | 0.01 | 0.04 | 0.04 | 0.00 |
| 合　計 | | 0.03 | 0.21 | 0.21 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.64 | 0.17 | 0.63 | 0.63 | 0.01 |
| W2 | 0.70 | 0.08 | 0.30 | 0.30 | 0.00 |
| W3 | 0.70 | 0.02 | 0.08 | 0.08 | 0.00 |
| 合　計 | | 0.28 | 1.01 | 1.01 | 0.01 |
| 検　定 | | 0.06 | 0.08 | 0.08 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X12
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| 合　計 | | 0.08 | 0.47 | 0.47 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×1.77 | 0.09 | 0.38 | 0.38 | 0.00 |
| W2 0.54×0.82 | 0.05 | 0.20 | 0.20 | 0.00 |
| W3 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| W4 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.24 | 1.06 | 1.06 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| W2 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.11 | 0.49 | 0.49 | 0.01 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.48 | 0.22 | 0.24 | 0.24 | 0.00 |
| P2 | 0.27 | 0.12 | 0.14 | 0.14 | 0.00 |
| W1 | 0.70×2.18 | 0.63 | 1.39 | 1.39 | 0.01 |
| 合　計 | | 0.97 | 1.76 | 1.76 | 0.02 |
| 検　定 | | 0.08 | 0.08 | 0.08 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X14
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.62 | 1.78 | 0.52 | 1.10 | 0.19 |
| P2 | 2.19 | 1.95 | 1.71 | 0.47 | 0.19 |
| P3 | 2.06 | 3.82 | 1.12 | 0.94 | 0.29 |
| P4 | 0.94 | 0.32 | 0.09 | 0.85 | 0.04 |
| P5 | 0.51 | 0.80 | 0.23 | 0.28 | 0.07 |
| 合　計 | | 8.67 | 3.68 | 3.64 | 0.79 |
| 検　定 | | 0.29 | 0.10 | 0.10 | 0.42 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×1.77 | 0.11 | 0.43 | 0.43 | 0.00 |
| W2 0.54×0.82 | 0.06 | 0.23 | 0.23 | 0.00 |
| W3 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.00 |
| W4 0.54×1.67 | 0.12 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.46 | 1.78 | 1.78 | 0.00 |
| 検　定 | 0.01 | 0.05 | 0.05 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.44 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×1.26 | 0.23 | 0.53 | 0.53 | 0.00 |
| W2 0.54×0.82 | 0.17 | 0.39 | 0.39 | 0.00 |
| W3 0.70×1.77 | 0.49 | 1.10 | 1.10 | 0.00 |
| W4 0.54×1.67 | 0.36 | 0.80 | 0.80 | 0.00 |
| 合　計 | 1.25 | 2.82 | 2.82 | 0.01 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.87 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X13
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.31 | 1.45 | 0.42 | 0.88 | 0.15 |
| P2 | 1.26 | 1.07 | 1.00 | 0.26 | 0.10 |
| P3 | 1.52 | 2.79 | 0.83 | 0.69 | 0.21 |
| P4 | 1.18 | 0.40 | 0.12 | 1.06 | 0.05 |
| P5 | 0.49 | 0.78 | 0.23 | 0.27 | 0.07 |
| P6 | 0.62 | 0.21 | 0.06 | 0.56 | 0.03 |
| P7 | 0.20 | 0.07 | 0.02 | 0.18 | 0.01 |
| 合　計 | | 6.76 | 2.68 | 3.89 | 0.62 |
| 検　定 | | 0.23 | 0.07 | 0.11 | 0.33 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X14
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.15 | 0.17 | 0.17 | 0.00 |
| P2 | 0.27 | 0.04 | 0.04 | 0.23 | 0.00 |
| W1 | 0.70×2.63 | 0.76 | 1.67 | 1.67 | 0.02 |
| 合　計 | | 0.95 | 1.88 | 2.07 | 0.02 |
| 検　定 | | 0.08 | 0.09 | 0.10 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.18 | 0.26 | 0.18 | 0.00 |
| W1 | 0.70×2.68 | 0.77 | 1.70 | 1.70 | 0.02 |
| 合　計 | | 0.95 | 1.96 | 1.89 | 0.02 |
| 検　定 | | 0.07 | 0.09 | 0.09 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又
又X20
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×2.36 | 0.68 | 1.50 | 1.50 | 0.02 |
| 合　計 | 0.68 | 1.50 | 1.50 | 0.02 |
| 検　定 | 0.07 | 0.08 | 0.08 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X18
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.40 | 0.25 | 0.27 | 0.13 | 0.02 |
| P2 | 0.11 | 0.07 | 0.07 | 0.04 | 0.01 |
| 合　計 | | 0.31 | 0.34 | 0.17 | 0.03 |
| 検　定 | | 0.04 | 0.02 | 0.01 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.54 | 0.18 | 0.29 | 0.24 | 0.00 |
| W1 | 0.70×2.52 | 0.41 | 1.20 | 1.20 | 0.01 |
| 合　計 | | 0.58 | 1.50 | 1.44 | 0.01 |
| 検　定 | | 0.05 | 0.07 | 0.07 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>1.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y3
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.03 | 1.08 | 0.58 | 0.45 | 0.03 |
| P2 | 1.26 | 0.42 | 0.22 | 1.04 | 0.02 |
| P3 | 0.31 | 0.15 | 0.25 | 0.06 | 0.00 |
| 合　計 | | 1.65 | 1.05 | 1.55 | 0.05 |
| 検　定 | | 0.06 | 0.03 | 0.04 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又Y3
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.36 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y3
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×2.45 | 0.45 | 1.25 | 1.25 | 0.02 |
| 合　計 | 0.45 | 1.25 | 1.25 | 0.02 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.49 | 0.39 | 0.42 | 1.06 | 0.01 |
| W1 0.70×2.45 | 0.03 | 0.03 | 0.32 | 0.00 |
| W2 0.70×2.45 | 0.26 | 1.06 | 0.77 | 0.01 |
| 合　計 | 0.67 | 1.52 | 2.15 | 0.02 |
| 検　定 | 0.09 | 0.10 | 0.14 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X21
又Y4

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.07 | 0.07 | 0.37 | 0.00 |
| P2 | 0.38 | 0.06 | 0.06 | 0.33 | 0.00 |
| P3 | 1.00 | 0.16 | 0.15 | 0.85 | 0.01 |
| W1 | 0.70×2.18 | 0.61 | 1.39 | 1.39 | 0.02 |
| 合　計 | | 0.90 | 1.66 | 2.94 | 0.04 |
| 検　定 | | 0.10 | 0.09 | 0.16 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又　0.09

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.67 | 0.03 | 0.61 | 0.06 | 0.00 |
| W1 | 0.54×1.67 | 0.11 | 0.45 | 0.45 | 0.00 |
| 合　計 | | 0.14 | 1.06 | 0.51 | 0.00 |
| 検　定 | | 0.00 | 0.03 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X14
又Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.06 | 0.34 | 0.34 | 0.00 |
| 合　計 | | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| 合　計 | 0.21 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.18 | 0.43 | 0.19 | 0.00 |
| P2 | 2.22 | 0.65 | 1.53 | 0.70 | 0.00 |
| P3 | 1.42 | 0.41 | 0.97 | 0.44 | 0.00 |
| W1 | 0.54×1.67 | 0.19 | 0.63 | 0.63 | 0.00 |
| 合　計 | | 1.44 | 3.55 | 1.96 | 0.00 |
| 検　定 | | 0.04 | 0.10 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X14
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.22 | 0.62 | 0.62 | 0.00 |
| 合　計 | | 0.22 | 0.62 | 0.62 | 0.00 |
| 検　定 | | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y4
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X12
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.06 | 0.34 | 0.34 | 0.00 |
| 合　計 | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X12
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.20 | 0.20 | 0.00 |
| 合　計 | 0.02 | 0.20 | 0.20 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X21
又Y4
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.38 | 0.06 | 0.06 | 0.33 | 0.00 |
| P2 1.04 | 0.17 | 0.15 | 0.89 | 0.01 |
| W1 0.70×2.00 | 0.55 | 1.27 | 1.27 | 0.02 |
| 合　計 | 0.79 | 1.48 | 2.48 | 0.03 |
| 検　定 | 0.09 | 0.08 | 0.13 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y4
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.01 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.76 | Qa<br>18.48 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y4
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.66 | 0.39 | 0.33 | 1.33 | 0.03 |
| P2 0.82 | 0.36 | 0.49 | 0.33 | 0.02 |
| W1 0.54×1.67 | 0.58 | 1.03 | 1.03 | 0.04 |
| 合　計 | 1.33 | 1.85 | 2.68 | 0.09 |
| 検　定 | 0.17 | 0.10 | 0.15 | 0.17 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.20 | 0.47 | 0.15 | 0.00 |
| P2 | 0.62 | 0.05 | 0.12 | 0.51 | 0.00 |
| P3 | 2.20 | 0.72 | 1.68 | 0.53 | 0.00 |
| P4 | 0.95 | 0.31 | 0.72 | 0.23 | 0.00 |
| P5 | 0.74 | 0.24 | 0.56 | 0.18 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.00 |
| 合　計 | | 1.81 | 4.37 | 2.41 | 0.01 |
| 検　定 | | 0.05 | 0.12 | 0.07 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.16 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.16 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.84 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X17
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.22 | 1.02 | 0.66 | 0.56 | 0.20 |
| 合　計 | 1.02 | 0.66 | 0.56 | 0.20 |
| 検　定 | 0.18 | 0.04 | 0.04 | 0.23 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>29.80 | Qa<br>36.96 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.34 | 0.38 | 0.25 | 0.00 |
| P2 | 0.62 | 0.08 | 0.09 | 0.53 | 0.00 |
| P3 | 0.62 | 0.05 | 0.59 | 0.04 | 0.00 |
| P4 | 1.55 | 0.85 | 0.94 | 0.62 | 0.01 |
| W1 | 0.54×1.67 | 0.57 | 1.04 | 1.04 | 0.01 |
| 合　計 | | 1.90 | 3.02 | 2.46 | 0.01 |
| 検　定 | | 0.06 | 0.08 | 0.07 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X22
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.89 | 0.03 | 0.26 | 0.26 | 0.00 |
| 合　計 | 0.03 | 0.26 | 0.26 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又
又X21
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 2.00 | 1.82 | 1.00 | 1.00 | 0.23 |
| 合　計 | 1.82 | 1.00 | 1.00 | 0.23 |
| 検　定 | 0.21 | 0.05 | 0.05 | 0.25 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.76 | Qa<br>18.48 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又
又X18
又Y5

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.17 | 0.11 | 0.72 | 0.01 |
| P2 | 0.82 | 0.17 | 0.11 | 0.72 | 0.01 |
| P3 | 1.20 | 0.25 | 0.15 | 1.04 | 0.01 |
| P4 | 1.04 | 0.22 | 0.13 | 0.91 | 0.01 |
| W1 | 0.54×1.67 | 0.33 | 0.94 | 0.94 | 0.03 |
| 合　計 | | 1.16 | 1.44 | 4.33 | 0.07 |
| 検　定 | | 0.15 | 0.08 | 0.23 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X22
又
又
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.82 | 0.13 | 0.58 | 0.58 | 0.00 |
| 合　計 | | 0.13 | 0.58 | 0.58 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X14
又Y５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.01 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.63 | 0.68 | 0.41 | 1.22 | 0.04 |
| W1 0.54×1.67 | 0.59 | 1.10 | 1.10 | 0.05 |
| 合　計 | 1.27 | 1.52 | 2.32 | 0.09 |
| 検　定 | 0.15 | 0.08 | 0.13 | 0.14 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X10
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.58 | 0.21 | 0.33 | 0.25 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.71 | 0.71 | 0.00 |
| 合　計 | | 0.49 | 1.05 | 0.96 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
X10
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X21
又Y5

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.04 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.04 |
| 検　定 | 0.08 | 0.06 | 0.06 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又Y５
又X22
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.08 | 1.90 | 1.04 | 1.04 | 0.24 |
| 合　計 | | 1.90 | 1.04 | 1.04 | 0.24 |
| 検　定 | | 0.22 | 0.06 | 0.06 | 0.26 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又Y5
又X19
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.02 | 0.18 | 0.18 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y5
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.00 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.90 | Z<br>648<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>6.42 | Qa<br>15.84 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y5
又X16
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.63 | 0.75 | 0.41 | 1.22 | 0.06 |
| 合　計 | | 0.75 | 0.41 | 1.22 | 0.06 |
| 検　定 | | 0.12 | 0.03 | 0.08 | 0.10 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X21
又Y5
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.02 |
| 合　計 | | 0.53 | 1.17 | 1.17 | 0.02 |
| 検　定 | | 0.05 | 0.06 | 0.06 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又Y5
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又Y5
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.04 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.04 |
| 検　定 | 0.08 | 0.06 | 0.06 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X10
又Y5
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.33 | 0.78 | 0.78 | 0.01 |
| 合　計 | 0.33 | 0.78 | 0.78 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X10
又Y5
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.69 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.00 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y5
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
X10
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又
又X21
又Y5

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.53×0.79 | 0.17 | 0.38 | 0.38 | 0.01 |
| W3 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.02 |
| 合　計 | 0.71 | 1.55 | 1.55 | 0.03 |
| 検　定 | 0.07 | 0.08 | 0.08 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X15
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.16 | 0.61 | 0.21 | 0.00 |
| P2 | 0.82 | 0.16 | 0.61 | 0.21 | 0.00 |
| P3 | 1.01 | 0.20 | 0.75 | 0.26 | 0.00 |
| W1 | 0.54×1.67 | 0.10 | 0.47 | 0.47 | 0.00 |
| 合　計 | | 0.63 | 2.44 | 1.16 | 0.00 |
| 検　定 | | 0.06 | 0.12 | 0.05 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.76 | Qa<br>18.48 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X18
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.65 | 1.50 | 0.82 | 0.82 | 0.21 |
| P2 0.56 | 0.34 | 0.18 | 0.37 | 0.06 |
| 合　計 | 1.83 | 1.01 | 1.20 | 0.27 |
| 検　定 | 0.24 | 0.05 | 0.06 | 0.30 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W2 0.53×0.79 | 0.08 | 0.26 | 0.26 | 0.00 |
| W3 0.70×1.77 | 0.24 | 0.78 | 0.78 | 0.00 |
| 合　計 | 0.34 | 1.07 | 1.07 | 0.01 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X14
又Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.59 | 1.40 | 0.82 | 0.77 | 0.17 |
| 合　計 | | 1.40 | 0.82 | 0.77 | 0.17 |
| 検　定 | | 0.16 | 0.04 | 0.04 | 0.19 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.07 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.07 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.07 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X14
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.78 | 0.18 | 0.66 | 0.11 | 0.00 |
| P2 | 0.82 | 0.19 | 0.70 | 0.12 | 0.00 |
| 合　計 | | 0.37 | 1.37 | 0.23 | 0.01 |
| 検　定 | | 0.03 | 0.06 | 0.01 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y6
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.53×0.79 | 0.13 | 0.33 | 0.33 | 0.00 |
| W3 0.70×1.77 | 0.39 | 0.98 | 0.98 | 0.01 |
| 合　計 | 0.53 | 1.35 | 1.35 | 0.02 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y6
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y6
又X16
又Y6

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.53×0.79 | 0.03 | 0.17 | 0.17 | 0.00 |
| W3 0.70×1.77 | 0.10 | 0.50 | 0.50 | 0.00 |
| 合　計 | 0.14 | 0.68 | 0.68 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y6
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.33 | 0.78 | 0.78 | 0.01 |
| 合　計 | 0.33 | 0.78 | 0.78 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y6
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.82 | 0.05 | 0.19 | 0.63 | 0.00 |
| P2 0.78 | 0.05 | 0.18 | 0.60 | 0.00 |
| W1 0.54×1.67 | 0.01 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.11 | 0.52 | 1.39 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.07 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| 合　計 | 0.25 | 0.68 | 0.68 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.53×0.79 | 0.17 | 0.38 | 0.38 | 0.00 |
| W3 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.01 |
| 合　計 | 0.71 | 1.55 | 1.55 | 0.02 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.47 | 0.11 | 0.40 | 0.07 | 0.00 |
| P2 | 0.82 | 0.19 | 0.70 | 0.12 | 0.01 |
| 合　計 | | 0.30 | 1.10 | 0.19 | 0.01 |
| 検　定 | | 0.04 | 0.07 | 0.01 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.90 | Z<br>648<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>6.42 | Qa<br>15.84 | δa<br>0.71 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y7
又X11
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.10 | 0.71 | 0.71 | 0.40 | 0.09 |
| 合　計 | | 0.71 | 0.71 | 0.40 | 0.09 |
| 検　定 | | 0.11 | 0.04 | 0.03 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y7
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.53×0.79 | 0.15 | 0.36 | 0.36 | 0.00 |
| W3 0.70×1.77 | 0.46 | 1.07 | 1.07 | 0.01 |
| 合　計 | 0.63 | 1.47 | 1.47 | 0.01 |
| 検　定 | 0.05 | 0.07 | 0.07 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.53×0.79 | 0.04 | 0.19 | 0.19 | 0.00 |
| W3 0.70×1.77 | 0.13 | 0.57 | 0.57 | 0.00 |
| 合　計 | 0.18 | 0.78 | 0.78 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.90 | Z<br>648<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>6.42 | Qa<br>15.84 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.53×0.79 | 0.04 | 0.19 | 0.19 | 0.00 |
| W3 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| 合　計 | 0.18 | 0.78 | 0.78 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.53×0.79 | 0.04 | 0.19 | 0.19 | 0.00 |
| W3 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| 合　計 | 0.18 | 0.78 | 0.78 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
Y8
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 0.53×0.79 | 0.02 | 0.13 | 0.13 | 0.00 |
| W3 0.70×1.77 | 0.06 | 0.40 | 0.40 | 0.00 |
| 合　計 | 0.09 | 0.55 | 0.55 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 0.53×1.10 | 0.11 | 0.35 | 0.35 | 0.00 |
| W3 0.70×1.86 | 0.23 | 0.78 | 0.78 | 0.00 |
| 合　計 | 0.38 | 1.27 | 1.27 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
又X1
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.15 | 0.26 | 0.26 | 0.01 |
| W2 0.53×1.10 | 0.38 | 0.66 | 0.66 | 0.02 |
| W3 0.70×1.86 | 0.84 | 1.48 | 1.48 | 0.03 |
| 合　計 | 1.36 | 2.40 | 2.40 | 0.06 |
| 検　定 | 0.12 | 0.11 | 0.11 | 0.15 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
又X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.15 | 0.26 | 0.26 | 0.01 |
| W2 0.53×1.10 | 0.37 | 0.66 | 0.66 | 0.01 |
| W3 0.70×1.86 | 0.83 | 1.47 | 1.47 | 0.03 |
| 合　計 | 1.35 | 2.38 | 2.38 | 0.05 |
| 検　定 | 0.11 | 0.11 | 0.11 | 0.13 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
又
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.53×1.10 | 0.00 | 0.05 | 0.05 | 0.00 |
| W3 0.70×1.86 | 0.00 | 0.11 | 0.11 | 0.00 |
| 合　計 | 0.01 | 0.18 | 0.18 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.22 | 0.02 | 0.18 | 0.04 | 0.00 |
| P2 0.06 | 0.00 | 0.05 | 0.01 | 0.00 |
| P3 0.10 | 0.01 | 0.09 | 0.02 | 0.00 |
| P4 0.13 | 0.01 | 0.11 | 0.02 | |
| 0.06 | | | | 0.00 |
| W1 0.46×0.50 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.53×1.10 | 0.04 | 0.22 | 0.22 | 0.00 |
| W3 0.70×1.86 | 0.09 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.18 | 1.21 | 0.88 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO

又X5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.02 | 0.09 | 0.43 | 0.00 |
| P2 | 0.89 | 0.16 | 0.60 | 0.29 | 0.00 |
| P3 | 1.32 | 0.24 | 0.89 | 0.43 | 0.00 |
| P4 | 2.21 | 0.41 | 1.49 | 0.72 | 0.00 |
| P5 | 2.74 | 0.51 | 1.85 | 0.89 | |
| | 1.22 | | | | 0.00 |
| P6 | 0.36 | 0.07 | 0.25 | 0.12 | |
| | 0.36 | | | | 0.00 |
| P7 | 0.37 | 0.07 | 0.25 | 0.12 | |
| | 0.37 | | | | 0.00 |
| P8 | 1.87 | 0.35 | 1.27 | 0.61 | |
| | 1.87 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 | 0.53×1.10 | 0.05 | 0.27 | 0.27 | 0.00 |
| W3 | 0.70×0.93 | 0.06 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 1.95 | 7.35 | 4.26 | 0.00 |
| 検　定 | | 0.07 | 0.21 | 0.12 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO

又X5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
又X5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.09 | 0.75 | 0.14 | 0.00 |
| P2 | 0.84 | 0.09 | 0.70 | 0.14 | 0.00 |
| P3 | 2.29 | 0.24 | 1.92 | 0.37 | 0.00 |
| P4 | 2.85 | 0.29 | 2.39 | 0.46 | |
| | 1.27 | | | | 0.00 |
| P5 | 0.36 | 0.04 | 0.30 | 0.06 | |
| | 0.36 | | | | 0.00 |
| P6 | 0.37 | 0.04 | 0.31 | 0.06 | |
| | 0.37 | | | | 0.00 |
| P7 | 1.87 | 0.19 | 1.57 | 0.30 | |
| | 1.87 | | | | 0.00 |
| P8 | 0.72 | 0.07 | 0.61 | 0.12 | |
| | 0.72 | | | | 0.00 |
| P9 | 0.89 | 0.36 | 0.30 | 0.59 | 0.00 |
| P10 | 2.60 | 1.04 | 0.88 | 1.72 | 0.01 |
| P11 | 3.21 | 1.28 | 1.09 | 2.13 | |
| | 1.43 | | | | 0.00 |
| P12 | 0.72 | 0.29 | 0.24 | 0.48 | |
| | 0.72 | | | | 0.00 |
| P13 | 2.12 | 0.85 | 0.72 | 1.41 | |
| | 2.12 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.09 | 0.21 | 0.21 | 0.00 |
| W2 | 0.53×1.10 | 0.22 | 0.53 | 0.53 | 0.00 |
| W3 | 0.70×1.86 | 0.49 | 1.18 | 1.18 | 0.00 |
| 合　計 | | 5.66 | 13.69 | 9.89 | 0.03 |
| 検　定 | | 0.20 | 0.40 | 0.29 | 0.10 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 28.91 | 34.32 | 0.30 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/YO
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.09 | 0.75 | 0.14 | 0.00 |
| P2 | 2.60 | 0.27 | 2.18 | 0.42 | 0.00 |
| P3 | 3.21 | 0.33 | 2.69 | 0.52 | |
| | 1.43 | | | | 0.00 |
| P4 | 3.91 | 0.40 | 3.28 | 0.63 | |
| | 3.91 | | | | 0.00 |
| P5 | 0.89 | 0.36 | 0.30 | 0.59 | 0.00 |
| P6 | 2.60 | 1.04 | 0.88 | 1.72 | 0.01 |
| P7 | 3.21 | 1.28 | 1.09 | 2.13 | |
| | 1.43 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.09 | 0.21 | 0.21 | 0.00 |
| W2 | 0.53×1.10 | 0.22 | 0.53 | 0.53 | 0.00 |
| W3 | 0.70×1.86 | 0.49 | 1.18 | 1.18 | 0.00 |
| 合　計 | | 4.57 | 13.08 | 8.08 | 0.02 |
| 検　定 | | 0.16 | 0.38 | 0.24 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 33.53 | 36.96 | 0.23 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/YO
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.19 | 0.70 | 0.19 | 0.00 |
| P2 | 2.60 | 0.56 | 2.04 | 0.56 | 0.00 |
| P3 | 3.21 | 0.69 | 2.52 | 0.69 | |
| | 1.43 | | | | 0.00 |
| P4 | 2.30 | 0.50 | 1.80 | 0.50 | |
| | 2.30 | | | | 0.00 |
| P5 | 0.89 | 0.04 | 0.10 | 0.79 | 0.00 |
| P6 | 2.60 | 0.11 | 0.30 | 2.29 | 0.00 |
| P7 | 3.21 | 0.14 | 0.38 | 2.83 | |
| | 1.43 | | | | 0.00 |
| P8 | 4.24 | 0.18 | 0.50 | 3.75 | |
| | 4.24 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 | 0.53×1.10 | 0.11 | 0.40 | 0.40 | 0.00 |
| W3 | 0.70×1.86 | 0.24 | 0.88 | 0.88 | 0.00 |
| 合　計 | | 2.80 | 9.78 | 13.04 | 0.01 |
| 検　定 | | 0.08 | 0.26 | 0.35 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又
又X7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.24 | 0.34 | 0.55 | 0.00 |
| P2 | 2.60 | 0.71 | 0.98 | 1.62 | 0.00 |
| P3 | 3.21 | 0.88 | 1.21 | 2.00 | |
| | 1.43 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 | 0.53×1.10 | 0.10 | 0.35 | 0.35 | 0.00 |
| W3 | 0.70×1.86 | 0.23 | 0.78 | 0.78 | 0.00 |
| 合　計 | | 2.21 | 3.80 | 5.44 | 0.00 |
| 検　定 | | 0.07 | 0.10 | 0.15 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又X7
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.11 | 0.25 | 0.56 | 0.56 | 0.00 |
| P2 | 3.20 | 0.73 | 1.60 | 1.60 | 0.00 |
| P3 | 4.01 | 0.91 | 2.01 | 2.01 | |
| | 1.78 | | | | 0.00 |
| P4 | 4.56 | 1.04 | 2.28 | 2.28 | |
| | 4.56 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 | 0.53×1.10 | 0.06 | 0.27 | 0.27 | 0.00 |
| W3 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 3.08 | 7.11 | 7.11 | 0.00 |
| 検　定 | | 0.09 | 0.19 | 0.19 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/Y0
又X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 33.53 | 36.96 | 0.15 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/Y0
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 0.53×1.10 | 0.06 | 0.27 | 0.27 | 0.00 |
| W3 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.15 | 0.67 | 0.67 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0<br>断面欠損無 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |

1/YO
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材<br>係数 | 10500<br>0.96 | 12.0×39.0 | 468.0<br>断面欠損有 | 59319<br>×0.80 | 3042<br>×0.80 | 10.56 | 1.10 | 25.70 | 34.32 | 0.99 |

1/又YO
XO
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.37 | 0.52 | 0.10 | 0.02 |
| P2 | 0.26 | 0.16 | 0.22 | 0.04 | 0.01 |
| P3 | 0.33 | 0.20 | 0.28 | 0.05 | |
| | 0.15 | | | | 0.01 |
| P4 | 0.94 | 0.56 | 0.79 | 0.14 | |
| | 0.94 | | | | 0.04 |
| P5 | 1.20 | 1.55 | 0.80 | 0.40 | 0.09 |
| P6 | 0.50 | 0.65 | 0.34 | 0.17 | 0.04 |
| P7 | 0.65 | 0.83 | 0.43 | 0.21 | |
| | 0.29 | | | | 0.02 |
| P8 | 3.91 | 5.06 | 2.62 | 1.29 | |
| | 3.91 | | | | 0.29 |
| P9 | 1.25 | 0.52 | 0.26 | 0.99 | 0.06 |
| P10 | 0.53 | 0.22 | 0.11 | 0.42 | 0.03 |
| P11 | 0.68 | 0.28 | 0.14 | 0.54 | |
| | 0.30 | | | | 0.02 |
| P12 | 4.66 | 1.94 | 0.97 | 3.69 | |
| | 4.66 | | | | 0.24 |
| 合　計 | | 12.35 | 7.49 | 8.04 | 0.85 |
| 検　定 | | 0.48 | 0.22 | 0.23 | 0.86 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.18 | 0.18 | |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.20 | 0.86 | 0.86 | 0.00 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.16 | 0.63 | 0.63 | 0.01 |
| W2 1.40×0.24 | 0.05 | 0.17 | 0.17 | 0.00 |
| W3 1.80×0.24 | 0.06 | 0.22 | 0.22 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.27 | 1.02 | 1.02 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 11.00 | 1.10 | 7.13 | 15.84 | 0.46 |
| | 係数 | 1.05 | | 断面欠損無 | | | | | | | |

1/Y1
又
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 1.12 | 1.64 | 1.64 | 0.14 |
| W2 1.40×0.32 | 0.41 | 0.60 | 0.60 | 0.05 |
| W3 1.80×0.32 | 0.52 | 0.77 | 0.77 | |
| 0.80×0.32 | | | | 0.03 |
| 合　計 | 2.05 | 3.00 | 3.00 | 0.22 |
| 検　定 | 0.29 | 0.19 | 0.19 | 0.49 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.21 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/Y1
又X3
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.23 | 0.74 | 0.74 | 0.01 |
| W2 1.40×0.26 | 0.07 | 0.22 | 0.22 | 0.00 |
| W3 1.80×0.26 | 0.09 | 0.28 | 0.28 | |
| 0.80×0.26 | | | | 0.00 |
| 合　計 | 0.38 | 1.24 | 1.24 | 0.01 |
| 検　定 | 0.08 | 0.09 | 0.09 | 0.07 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.80 | Z<br>450<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>3.96 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X4
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.06 | 0.11 | 0.23 | 0.00 |
| P2 | 0.15 | 0.03 | 0.05 | 0.10 | 0.00 |
| P3 | 0.19 | 0.03 | 0.06 | 0.13 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.09 | 0.02 | 0.03 | 0.06 | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.08 | 0.00 | 0.00 | 0.03 | 0.00 |
| W3 | 1.40×0.16 | 0.02 | 0.09 | 0.04 | 0.00 |
| W4 | 1.80×0.08 | 0.00 | 0.01 | 0.03 | |
| W5 | 1.80×0.16 | 0.02 | 0.11 | 0.06 | |
| | 0.80×0.08 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.30 | 1.01 | 1.23 | 0.01 |
| 検　定 | | 0.08 | 0.08 | 0.09 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
又X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.61 | 1.05 | 2.30 | 2.30 | |
| | 4.61 | | | | 0.01 |
| P2 | 0.67 | 0.15 | 0.33 | 0.33 | 0.00 |
| P3 | 0.16 | 0.04 | 0.08 | 0.08 | 0.00 |
| P4 | 0.20 | 0.05 | 0.10 | 0.10 | |
| | 0.09 | | | | 0.00 |
| P5 | 0.52 | 0.12 | 0.26 | 0.26 | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 1.56 | 3.79 | 3.79 | 0.01 |
| 検　定 | | 0.15 | 0.18 | 0.18 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X5
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.78 | 0.40 | 0.89 | 0.89 | |
| | 1.78 | | | | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.60 | 1.77 | 1.77 | 0.01 |
| 検　定 | | 0.08 | 0.11 | 0.11 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.42 | 1.42 | 2.61 | 4.81 | |
| | 7.42 | | | | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 1.62 | 3.49 | 5.69 | 0.00 |
| 検　定 | | 0.08 | 0.13 | 0.22 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 8.04 | 1.54 | 2.83 | 5.21 | |
| | 8.04 | | | | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 1.73 | 3.70 | 6.09 | 0.00 |
| 検　定 | | 0.09 | 0.14 | 0.23 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.07 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X7
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.07 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.11 | 0.19 | 0.15 | 0.00 |
| P2 | 0.43 | 0.14 | 0.25 | 0.19 | |
| | 0.19 | | | | 0.00 |
| W1 | 0.70×1.72 | 0.28 | 0.82 | 0.82 | 0.00 |
| W2 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W3 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W4 | 1.80×0.15 | 0.02 | 0.12 | 0.03 | |
| W5 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 0.65 | 1.61 | 1.56 | 0.00 |
| 検　定 | | 0.04 | 0.06 | 0.06 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>34.21 | Qa<br>39.60 | δa<br>0.99 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.30 | 0.47 | 0.09 | 0.01 |
| P2 | 0.41 | 0.22 | 0.35 | 0.06 | 0.01 |
| P3 | 0.53 | 0.28 | 0.45 | 0.08 | |
| | 0.24 | | | | 0.01 |
| P4 | 0.84 | 0.45 | 0.71 | 0.13 | |
| | 0.84 | | | | 0.02 |
| P5 | 1.07 | 1.22 | 0.72 | 0.35 | 0.05 |
| P6 | 0.63 | 0.72 | 0.42 | 0.21 | 0.03 |
| P7 | 0.81 | 0.93 | 0.54 | 0.27 | |
| | 0.36 | | | | 0.02 |
| P8 | 3.50 | 4.00 | 2.35 | 1.16 | |
| | 3.50 | | | | 0.17 |
| P9 | 1.12 | 0.57 | 0.23 | 0.89 | 0.04 |
| P10 | 0.65 | 0.33 | 0.14 | 0.52 | 0.02 |
| P11 | 0.84 | 0.43 | 0.17 | 0.67 | |
| | 0.37 | | | | 0.01 |
| P12 | 4.18 | 2.13 | 0.87 | 3.31 | |
| | 4.18 | | | | 0.14 |
| P13 | 0.07 | 0.09 | 0.04 | 0.04 | 0.00 |
| P14 | 0.09 | 0.11 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.47×0.22 | 0.08 | 0.27 | 0.02 | 0.00 |
| W2 | 1.47×0.21 | 0.75 | 0.68 | 0.23 | 0.03 |
| W3 | 1.47×0.24 | 0.30 | 0.27 | 0.09 | 0.01 |
| W4 | 1.47×0.21 | 0.56 | 0.23 | 0.68 | 0.03 |
| W5 | 1.47×0.26 | 0.12 | 0.05 | 0.41 | 0.01 |
| W6 | 1.47×0.32 | 1.29 | 0.55 | 0.70 | 0.06 |
| W7 | 1.80×0.22 | 0.09 | 0.33 | 0.03 | |
| W8 | 1.80×0.21 | 0.92 | 0.84 | 0.28 | |
| W9 | 1.80×0.24 | 0.37 | 0.34 | 0.11 | |
| W10 | 1.80×0.21 | 0.69 | 0.28 | 0.84 | |
| W11 | 1.80×0.26 | 0.14 | 0.06 | 0.51 | |
| W12 | 1.80×0.32 | 1.58 | 0.67 | 0.86 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.21 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.21 | | | | 0.02 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.32 | | | | 0.03 |
| 合　計 | | 18.70 | 12.08 | 12.57 | 0.77 |
| 検　定 | | 0.55 | 0.30 | 0.32 | 0.78 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.33 | 0.03 | 0.27 | 0.06 | 0.00 |
| P2 | 0.08 | 0.01 | 0.07 | 0.02 | 0.00 |
| P3 | 0.28 | 0.02 | 0.23 | 0.05 | 0.00 |
| P4 | 0.36 | 0.03 | 0.29 | 0.06 | |
| | 0.16 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.06 | 0.35 | 0.35 | 0.00 |
| W2 | 1.40×0.31 | 0.03 | 0.16 | 0.16 | 0.00 |
| W3 | 1.40×0.04 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.05 | 0.08 | 0.00 |
| W5 | 1.80×0.31 | 0.04 | 0.21 | 0.21 | |
| W6 | 1.80×0.04 | 0.00 | 0.01 | 0.00 | |
| W7 | 1.80×0.16 | 0.02 | 0.07 | 0.10 | |
| | 0.80×0.31 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.25 | 1.72 | 1.09 | 0.00 |
| 検　定 | | 0.03 | 0.09 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1

又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.01 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 | 1.40×0.08 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 | 1.80×0.15 | 0.00 | 0.04 | 0.04 | |
| W5 | 1.80×0.08 | 0.00 | 0.02 | 0.02 | |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.08 | | | | 0.00 |
| 合　計 | | 0.02 | 0.24 | 0.24 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W5 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.04 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
X5
又X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.11 | 0.19 | 0.15 | 0.00 |
| P2 | 0.43 | 0.14 | 0.25 | 0.19 | |
| | 0.19 | | | | 0.00 |
| P3 | 1.63 | 0.51 | 0.93 | 0.71 | 0.00 |
| P4 | 2.10 | 0.66 | 1.19 | 0.91 | |
| | 0.93 | | | | 0.00 |
| W1 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W2 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W3 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W4 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W5 | 1.80×0.15 | 0.02 | 0.12 | 0.03 | |
| W6 | 1.80×0.15 | 0.02 | 0.12 | 0.03 | |
| W7 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| W8 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 1.68 | 3.26 | 2.75 | 0.01 |
| 検　定 | | 0.11 | 0.12 | 0.10 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.07 | 0.11 | 0.04 | 0.04 | 0.01 |
| P2 | 0.09 | 0.14 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.21 | 0.66 | 0.68 | 0.23 | 0.06 |
| W2 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W3 | 1.47×0.21 | 0.68 | 0.23 | 0.68 | 0.06 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.21 | 0.81 | 0.84 | 0.28 | |
| W6 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W7 | 1.80×0.21 | 0.84 | 0.28 | 0.84 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 9.71 | 6.17 | 6.17 | 0.61 |
| 検　定 | | 0.44 | 0.19 | 0.19 | 0.62 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.59 | 0.26 | 0.26 | 0.82 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又X５

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.90 | 0.43 | 0.95 | 0.95 | |
| | 1.90 | | | | 0.00 |
| P2 | 0.21 | 0.05 | 0.10 | 0.10 | 0.00 |
| P3 | 0.07 | 0.02 | 0.04 | 0.04 | 0.00 |
| P4 | 0.09 | 0.02 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| P5 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P6 | 0.51 | 0.12 | 0.25 | 0.25 | 0.00 |
| P7 | 0.65 | 0.15 | 0.33 | 0.33 | |
| | 0.29 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| W4 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W8 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 1.04 | 2.46 | 2.46 | 0.01 |
| 検　定 | | 0.10 | 0.12 | 0.12 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又X５
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又

又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.15 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 1.40×0.15 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.80×0.15 | 0.01 | 0.08 | 0.08 | |
| W4 1.80×0.15 | 0.01 | 0.08 | 0.08 | |
| 0.80×0.15 | | | | 0.00 |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 0.04 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.13 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又
X8
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 | 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 | 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 | 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | 断面欠損有 | | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.59 | 0.26 | 0.26 | 0.82 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又X５

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.36 | 0.54 | 1.18 | 1.18 | |
| | 2.36 | | | | 0.00 |
| P2 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P3 | 0.51 | 0.12 | 0.25 | 0.25 | 0.00 |
| P4 | 0.65 | 0.15 | 0.33 | 0.33 | |
| | 0.29 | | | | 0.00 |
| P5 | 0.21 | 0.05 | 0.10 | 0.10 | 0.00 |
| P6 | 0.07 | 0.02 | 0.04 | 0.04 | 0.00 |
| P7 | 0.09 | 0.02 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| W4 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W8 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 1.15 | 2.69 | 2.69 | 0.01 |
| 検　定 | | 0.11 | 0.13 | 0.13 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.59 | 0.26 | 0.26 | 0.82 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/Y2
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.59 | 0.26 | 0.26 | 0.82 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X4
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.06 | 0.06 | 0.14 | 0.00 |
| P2 | 0.94 | 0.29 | 0.29 | 0.66 | 0.00 |
| P3 | 3.28 | 0.99 | 0.99 | 2.28 | 0.00 |
| P4 | 4.05 | 1.23 | 1.23 | 2.82 | |
| | 1.80 | | | | 0.00 |
| P5 | 0.82 | 0.25 | 0.25 | 0.57 | |
| | 0.82 | | | | 0.00 |
| P6 | 0.59 | 0.18 | 0.18 | 0.41 | |
| | 0.59 | | | | 0.00 |
| P7 | 0.43 | 0.13 | 0.13 | 0.30 | |
| | 0.43 | | | | 0.00 |
| P8 | 0.21 | 0.06 | 0.06 | 0.14 | 0.00 |
| P9 | 1.35 | 0.41 | 0.41 | 0.94 | 0.00 |
| P10 | 1.73 | 0.53 | 0.53 | 1.21 | |
| | 0.77 | | | | 0.00 |
| P11 | 0.42 | 0.13 | 0.13 | 0.29 | |
| | 0.42 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.24 | 0.71 | 0.71 | 0.00 |
| W2 | 1.40×0.27 | 0.07 | 0.25 | 0.13 | 0.00 |
| W3 | 1.40×0.27 | 0.07 | 0.25 | 0.13 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W6 | 1.80×0.27 | 0.08 | 0.32 | 0.17 | |
| W7 | 1.80×0.27 | 0.08 | 0.32 | 0.17 | |
| W8 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| W9 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 4.84 | 6.15 | 11.36 | 0.01 |
| 検　定 | | 0.19 | 0.18 | 0.33 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X5
又X5

P1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.02 | 0.04 | 0.16 | 0.00 |
| P2 | 1.27 | 0.12 | 0.26 | 1.01 | 0.00 |
| P3 | 1.63 | 0.15 | 0.33 | 1.30 | |
| | 0.72 | | | | 0.00 |
| P4 | 0.42 | 0.04 | 0.09 | 0.34 | |
| | 0.42 | | | | 0.00 |
| P5 | 0.20 | 0.02 | 0.04 | 0.16 | 0.00 |
| P6 | 0.78 | 0.07 | 0.16 | 0.62 | 0.00 |
| P7 | 3.15 | 0.29 | 0.64 | 2.52 | 0.00 |
| P8 | 3.91 | 0.36 | 0.79 | 3.12 | |
| | 1.74 | | | | 0.00 |
| P9 | 0.82 | 0.07 | 0.16 | 0.65 | |
| | 0.82 | | | | 0.00 |
| P10 | 0.59 | 0.05 | 0.12 | 0.47 | |
| | 0.59 | | | | 0.00 |
| P11 | 0.43 | 0.04 | 0.09 | 0.34 | |
| | 0.43 | | | | 0.00 |
| P12 | 0.17 | 0.02 | 0.03 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.02 | 0.27 | 0.27 | 0.00 |
| W2 | 1.40×0.06 | 0.00 | 0.00 | 0.01 | 0.00 |
| W3 | 1.40×0.12 | 0.00 | 0.04 | 0.03 | 0.00 |
| W4 | 1.40×0.12 | 0.00 | 0.04 | 0.03 | 0.00 |
| W5 | 1.40×0.06 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.06 | 0.00 | 0.00 | 0.01 | |
| W7 | 1.80×0.12 | 0.00 | 0.06 | 0.04 | |
| W8 | 1.80×0.12 | 0.00 | 0.06 | 0.04 | |
| W9 | 1.80×0.06 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.06 | | | | 0.00 |
| 合　計 | | 1.29 | 3.21 | 11.27 | 0.00 |
| 検　定 | | 0.05 | 0.09 | 0.33 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又X5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.09 | 0.12 | 0.09 | 0.00 |
| P2 | 3.50 | 1.57 | 2.02 | 1.47 | 0.01 |
| P3 | 4.30 | 1.94 | 2.49 | 1.82 | |
| | 1.91 | | | | 0.01 |
| P4 | 0.17 | 0.07 | 0.10 | 0.07 | |
| | 0.17 | | | | 0.00 |
| P5 | 0.48 | 0.22 | 0.28 | 0.20 | |
| | 0.48 | | | | 0.00 |
| P6 | 1.45 | 0.65 | 0.84 | 0.61 | 0.00 |
| P7 | 1.86 | 0.84 | 1.08 | 0.79 | |
| | 0.83 | | | | 0.00 |
| P8 | 1.45 | 0.11 | 0.14 | 1.31 | 0.00 |
| P9 | 1.86 | 0.15 | 0.18 | 1.69 | |
| | 0.83 | | | | 0.00 |
| P10 | 0.20 | 0.02 | 0.02 | 0.18 | 0.00 |
| P11 | 3.50 | 0.27 | 0.33 | 3.16 | 0.00 |
| P12 | 4.30 | 0.34 | 0.41 | 3.89 | |
| | 1.91 | | | | 0.00 |
| P13 | 0.89 | 0.07 | 0.09 | 0.81 | |
| | 0.89 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.41 | 0.89 | 0.89 | 0.00 |
| W2 | 1.40×0.26 | 0.06 | 0.22 | 0.06 | 0.00 |
| W3 | 1.40×0.23 | 0.08 | 0.10 | 0.19 | 0.00 |
| W4 | 1.40×0.26 | 0.06 | 0.22 | 0.06 | 0.00 |
| W5 | 1.40×0.23 | 0.08 | 0.10 | 0.19 | 0.00 |
| W6 | 1.40×0.09 | 0.00 | 0.00 | 0.02 | 0.00 |
| W7 | 1.40×0.09 | 0.00 | 0.00 | 0.02 | 0.00 |
| W8 | 1.80×0.26 | 0.08 | 0.28 | 0.08 | |
| W9 | 1.80×0.23 | 0.10 | 0.13 | 0.25 | |
| W10 | 1.80×0.26 | 0.08 | 0.28 | 0.08 | |
| W11 | 1.80×0.23 | 0.10 | 0.13 | 0.25 | |
| W12 | 1.80×0.09 | 0.00 | 0.00 | 0.03 | |
| W13 | 1.80×0.09 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| 合　計 | | 7.40 | 10.44 | 18.23 | 0.04 |
| 検　定 | | 0.29 | 0.30 | 0.53 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又
X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.08 | 0.11 | 0.09 | 0.00 |
| P2 | 3.50 | 1.42 | 1.94 | 1.56 | 0.01 |
| P3 | 4.30 | 1.74 | 2.39 | 1.92 | |
| | 1.91 | | | | 0.00 |
| P4 | 1.45 | 0.59 | 0.80 | 0.65 | 0.00 |
| P5 | 1.86 | 0.75 | 1.03 | 0.83 | |
| | 0.83 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.31 | 0.78 | 0.78 | 0.00 |
| W2 | 1.40×0.23 | 0.06 | 0.08 | 0.21 | 0.00 |
| W3 | 1.40×0.27 | 0.05 | 0.21 | 0.06 | 0.00 |
| W4 | 1.40×0.27 | 0.05 | 0.21 | 0.06 | 0.00 |
| W5 | 1.40×0.23 | 0.06 | 0.08 | 0.21 | 0.00 |
| W6 | 1.80×0.23 | 0.08 | 0.10 | 0.27 | |
| W7 | 1.80×0.27 | 0.07 | 0.27 | 0.08 | |
| W8 | 1.80×0.27 | 0.07 | 0.27 | 0.08 | |
| W9 | 1.80×0.23 | 0.08 | 0.10 | 0.27 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 5.41 | 8.37 | 7.04 | 0.02 |
| 検　定 | | 0.21 | 0.24 | 0.21 | 0.07 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>34.21 | Qa<br>39.60 | δa<br>0.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X6
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.05 | 0.05 | 0.15 | 0.00 |
| P2 | 3.50 | 0.86 | 0.94 | 2.55 | 0.00 |
| P3 | 4.30 | 1.05 | 1.16 | 3.15 | |
| | 1.91 | | | | 0.00 |
| P4 | 0.97 | 0.24 | 0.26 | 0.71 | |
| | 0.97 | | | | 0.00 |
| P5 | 1.30 | 0.32 | 0.35 | 0.95 | 0.00 |
| P6 | 1.67 | 0.41 | 0.45 | 1.22 | |
| | 0.74 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.14 | 0.59 | 0.59 | 0.00 |
| W2 | 1.40×0.17 | 0.01 | 0.01 | 0.07 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.18 | 0.11 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.18 | 0.11 | 0.00 |
| W5 | 1.40×0.17 | 0.01 | 0.01 | 0.07 | 0.00 |
| W6 | 1.80×0.17 | 0.01 | 0.01 | 0.09 | |
| W7 | 1.80×0.23 | 0.05 | 0.24 | 0.14 | |
| W8 | 1.80×0.23 | 0.05 | 0.24 | 0.14 | |
| W9 | 1.80×0.17 | 0.01 | 0.01 | 0.09 | |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 3.27 | 4.69 | 10.11 | 0.00 |
| 検　定 | | 0.10 | 0.12 | 0.26 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>10.56 | fs<br>1.10 | Ma<br>42.77 | Qa<br>39.60 | δa<br>0.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.17 | 0.17 | 0.00 |
| W2 1.40×0.18 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.40×0.36 | 0.01 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.18 | 0.01 | 0.06 | 0.06 | |
| W5 1.80×0.36 | 0.01 | 0.11 | 0.11 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.36 | | | | 0.00 |
| 合　計 | 0.04 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>34.21 | Qa<br>39.60 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X7
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.01 | 0.17 | 0.03 | 0.00 |
| P2 | 3.50 | 0.22 | 2.95 | 0.55 | 0.00 |
| P3 | 4.30 | 0.27 | 3.63 | 0.68 | |
| | 1.91 | | | | 0.00 |
| P4 | 0.25 | 0.05 | 0.05 | 0.21 | 0.00 |
| P5 | 3.44 | 0.66 | 0.66 | 2.78 | 0.00 |
| P6 | 4.27 | 0.82 | 0.82 | 3.45 | |
| | 1.90 | | | | 0.00 |
| P7 | 1.04 | 0.20 | 0.20 | 0.84 | |
| | 1.04 | | | | 0.00 |
| P8 | 0.93 | 0.06 | 0.78 | 0.15 | 0.00 |
| P9 | 1.19 | 0.07 | 1.00 | 0.19 | |
| | 0.53 | | | | 0.00 |
| P10 | 1.42 | 0.27 | 0.27 | 1.15 | 0.00 |
| P11 | 1.83 | 0.35 | 0.35 | 1.48 | |
| | 0.81 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.19 | 0.66 | 0.66 | 0.00 |
| W2 | 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W3 | 1.40×0.14 | 0.00 | 0.00 | 0.05 | 0.00 |
| W4 | 1.40×0.23 | 0.05 | 0.15 | 0.14 | 0.00 |
| W5 | 1.40×0.11 | 0.00 | 0.03 | 0.00 | 0.00 |
| W6 | 1.40×0.23 | 0.05 | 0.15 | 0.14 | 0.00 |
| W7 | 1.40×0.14 | 0.00 | 0.00 | 0.05 | 0.00 |
| W8 | 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| W9 | 1.80×0.14 | 0.01 | 0.01 | 0.06 | |
| W10 | 1.80×0.23 | 0.07 | 0.19 | 0.18 | |
| W11 | 1.80×0.11 | 0.00 | 0.04 | 0.00 | |
| W12 | 1.80×0.23 | 0.07 | 0.19 | 0.18 | |
| W13 | 1.80×0.14 | 0.01 | 0.01 | 0.06 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.14 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.14 | | | | 0.00 |
| 合　計 | | 3.46 | 12.37 | 13.01 | 0.01 |
| 検　定 | | 0.10 | 0.31 | 0.33 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又
又X8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.63 | 0.21 | 0.76 | 0.87 | 0.00 |
| P2 | 2.10 | 0.27 | 0.98 | 1.12 | |
| | 0.93 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 | 1.40×0.26 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 | 1.40×0.14 | 0.00 | 0.01 | 0.04 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.05 | 0.02 | 0.00 |
| W5 | 1.80×0.26 | 0.02 | 0.14 | 0.14 | |
| W6 | 1.80×0.14 | 0.00 | 0.02 | 0.05 | |
| W7 | 1.80×0.16 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.14 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.58 | 2.42 | 2.66 | 0.00 |
| 検　定 | | 0.01 | 0.06 | 0.07 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>10.56 | fs<br>1.10 | Ma<br>42.77 | Qa<br>39.60 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又X8
X9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.03 | 0.23 | 0.23 | 0.00 |
| W2 | 1.40×0.23 | 0.01 | 0.08 | 0.08 | 0.00 |
| W3 | 1.40×0.13 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 | 1.80×0.23 | 0.01 | 0.10 | 0.10 | |
| W5 | 1.80×0.13 | 0.01 | 0.06 | 0.06 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 0.06 | 0.51 | 0.51 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.59 | 0.26 | 0.26 | 0.82 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.24 | 0.08 | 0.21 | 0.02 |
| P4 | 0.37 | 0.31 | 0.11 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P5 | 0.29 | 0.35 | 0.17 | 0.12 | 0.03 |
| P6 | 0.37 | 0.45 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.34 | 0.35 | 0.12 | 0.72 | 0.04 |
| W2 | 1.47×0.35 | 1.11 | 0.40 | 0.51 | 0.09 |
| W3 | 1.47×0.37 | 0.79 | 1.03 | 0.26 | 0.08 |
| W4 | 1.47×0.39 | 1.26 | 1.26 | 0.42 | 0.11 |
| W5 | 1.47×0.39 | 1.22 | 0.42 | 1.26 | 0.12 |
| W6 | 1.80×0.34 | 0.43 | 0.15 | 0.88 | |
| W7 | 1.80×0.35 | 1.36 | 0.49 | 0.62 | |
| W8 | 1.80×0.37 | 0.96 | 1.27 | 0.32 | |
| W9 | 1.80×0.39 | 1.54 | 1.54 | 0.51 | |
| W10 | 1.80×0.39 | 1.49 | 0.51 | 1.54 | |
| | 0.80×0.34 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.05 |
| | 0.80×0.37 | | | | 0.04 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.82 | 8.10 | 8.10 | 0.81 |
| 検　定 | | 0.59 | 0.26 | 0.26 | 0.83 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又
又X5

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.53 | 0.58 | 1.27 | 1.27 | |
| | 2.53 | | | | 0.00 |
| P2 | 0.41 | 0.09 | 0.21 | 0.21 | 0.00 |
| P3 | 0.21 | 0.05 | 0.11 | 0.11 | 0.00 |
| P4 | 0.27 | 0.06 | 0.14 | 0.14 | |
| | 0.12 | | | | 0.00 |
| P5 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P6 | 0.51 | 0.12 | 0.25 | 0.25 | 0.00 |
| P7 | 0.65 | 0.15 | 0.33 | 0.33 | |
| | 0.29 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| W4 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W8 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 1.30 | 3.03 | 3.03 | 0.01 |
| 検　定 | | 0.13 | 0.14 | 0.14 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| W5 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W6 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| 合　計 | 0.37 | 1.62 | 1.62 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/Y3
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 23.00 | 29.04 | 0.15 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/Y3
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W4 1.80×0.46 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.46 | | | | 0.00 |
| W5 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W6 1.80×0.46 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.46 | | | | 0.00 |
| 合　計 | 0.44 | 1.95 | 1.95 | 0.00 |
| 検　定 | 0.02 | 0.07 | 0.07 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.33 | 1.17 | 2.53 | 0.79 | |
| | 3.33 | | | | 0.02 |
| P2 | 0.29 | 0.10 | 0.22 | 0.07 | 0.00 |
| P3 | 0.37 | 0.13 | 0.28 | 0.09 | |
| | 0.17 | | | | 0.00 |
| P4 | 0.29 | 0.10 | 0.22 | 0.07 | 0.00 |
| P5 | 0.37 | 0.13 | 0.28 | 0.09 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.64 | 1.13 | 1.13 | 0.01 |
| W2 | 0.54×1.67 | 0.09 | 0.45 | 0.06 | 0.00 |
| W3 | 0.54×1.67 | 0.52 | 0.63 | 1.02 | 0.01 |
| W4 | 1.40×0.28 | 0.04 | 0.19 | 0.03 | 0.00 |
| W5 | 1.40×0.35 | 0.27 | 0.33 | 0.54 | 0.01 |
| W6 | 1.80×0.28 | 0.05 | 0.25 | 0.03 | |
| W7 | 1.80×0.35 | 0.35 | 0.43 | 0.69 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| W8 | 1.40×0.35 | 0.27 | 0.33 | 0.54 | 0.01 |
| W9 | 1.40×0.28 | 0.04 | 0.19 | 0.03 | 0.00 |
| W10 | 1.80×0.35 | 0.35 | 0.43 | 0.69 | |
| W11 | 1.80×0.28 | 0.05 | 0.25 | 0.03 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| 合　計 | | 4.31 | 8.14 | 5.90 | 0.07 |
| 検　定 | | 0.23 | 0.28 | 0.20 | 0.18 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X3
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.34 | 0.81 | 0.81 | 0.00 |
| W2 0.54×1.67 | 0.33 | 0.77 | 0.77 | 0.00 |
| W3 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.00 |
| W4 1.80×0.34 | 0.22 | 0.51 | 0.51 | |
| 0.80×0.34 | | | | 0.00 |
| W5 1.40×0.40 | 0.20 | 0.47 | 0.47 | 0.00 |
| W6 1.80×0.40 | 0.26 | 0.61 | 0.61 | |
| 0.80×0.40 | | | | 0.00 |
| 合　計 | 1.52 | 3.56 | 3.56 | 0.01 |
| 検　定 | 0.06 | 0.11 | 0.11 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X4
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 0.54×1.67 | 0.04 | 0.27 | 0.27 | 0.00 |
| W3 1.40×0.29 | 0.02 | 0.12 | 0.12 | 0.00 |
| W4 1.80×0.29 | 0.02 | 0.15 | 0.15 | |
| 0.80×0.29 | | | | 0.00 |
| W5 1.40×0.46 | 0.03 | 0.19 | 0.19 | 0.00 |
| W6 1.80×0.46 | 0.04 | 0.24 | 0.24 | |
| 0.80×0.46 | | | | 0.00 |
| 合　計 | 0.18 | 1.25 | 1.25 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又X4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.05 | 0.00 | 0.00 | 0.05 | 0.00 |
| P2 | 0.41 | 0.08 | 0.17 | 0.24 | 0.00 |
| P3 | 1.48 | 0.29 | 0.63 | 0.85 | 0.00 |
| P4 | 1.91 | 0.37 | 0.81 | 1.10 | |
| | 0.85 | | | | 0.00 |
| P5 | 0.84 | 0.16 | 0.36 | 0.49 | |
| | 0.84 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.07 | 0.37 | 0.37 | 0.00 |
| W2 | 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| W3 | 1.40×0.34 | 0.00 | 0.00 | 0.05 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.01 | 0.04 | 0.00 |
| W5 | 1.40×0.23 | 0.01 | 0.10 | 0.04 | 0.00 |
| W6 | 1.80×0.34 | 0.00 | 0.00 | 0.06 | |
| W7 | 1.80×0.16 | 0.01 | 0.02 | 0.05 | |
| W8 | 1.80×0.23 | 0.02 | 0.13 | 0.05 | |
| | 0.80×0.34 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W9 | 1.40×0.55 | 0.00 | 0.01 | 0.08 | 0.00 |
| W10 | 1.40×0.12 | 0.00 | 0.01 | 0.03 | 0.00 |
| W11 | 1.40×0.46 | 0.03 | 0.21 | 0.08 | 0.00 |
| W12 | 1.40×0.23 | 0.01 | 0.02 | 0.05 | 0.00 |
| W13 | 1.80×0.55 | 0.00 | 0.01 | 0.10 | |
| W14 | 1.80×0.12 | 0.01 | 0.01 | 0.03 | |
| W15 | 1.80×0.46 | 0.04 | 0.27 | 0.11 | |
| W16 | 1.80×0.23 | 0.01 | 0.03 | 0.07 | |
| | 0.80×0.55 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 1.19 | 3.53 | 4.29 | 0.00 |
| 検　定 | | 0.05 | 0.11 | 0.14 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.25 | 0.08 | 0.17 | 0.08 | 0.00 |
| P2 | 0.33 | 0.10 | 0.22 | 0.11 | |
| | 0.14 | | | | 0.00 |
| P3 | 0.41 | 0.12 | 0.27 | 0.14 | 0.00 |
| P4 | 1.41 | 0.43 | 0.94 | 0.47 | 0.00 |
| P5 | 1.81 | 0.55 | 1.21 | 0.60 | |
| | 0.81 | | | | 0.00 |
| P6 | 0.84 | 0.26 | 0.56 | 0.28 | |
| | 0.84 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.19 | 0.62 | 0.62 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W7 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W8 | 1.40×0.35 | 0.07 | 0.14 | 0.29 | 0.00 |
| W9 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W10 | 1.80×0.35 | 0.08 | 0.19 | 0.37 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 2.22 | 5.46 | 4.11 | 0.01 |
| 検　定 | | 0.12 | 0.19 | 0.14 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 5.31 | 1.20 | 1.32 | 3.99 | |
| | 5.31 | | | | 0.01 |
| P2 | 0.29 | 0.09 | 0.10 | 0.19 | 0.00 |
| P3 | 0.37 | 0.11 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P4 | 1.45 | 0.44 | 0.48 | 0.97 | 0.00 |
| P5 | 1.86 | 0.57 | 0.62 | 1.24 | |
| | 0.83 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.15 | 0.58 | 0.35 | 0.00 |
| W3 | 0.54×1.67 | 0.03 | 0.04 | 0.27 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.19 | 0.10 | 0.00 |
| W5 | 1.40×0.23 | 0.02 | 0.02 | 0.12 | 0.00 |
| W6 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| W7 | 1.80×0.23 | 0.03 | 0.03 | 0.16 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W8 | 1.40×0.35 | 0.07 | 0.29 | 0.14 | 0.00 |
| W9 | 1.40×0.23 | 0.02 | 0.02 | 0.12 | 0.00 |
| W10 | 1.80×0.35 | 0.08 | 0.37 | 0.19 | |
| W11 | 1.80×0.23 | 0.03 | 0.03 | 0.16 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.14 | 5.12 | 9.01 | 0.02 |
| 検　定 | | 0.17 | 0.18 | 0.31 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3

X6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.45 | 0.44 | 0.97 | 0.48 | 0.00 |
| P2 | 1.86 | 0.57 | 1.24 | 0.62 | |
| | 0.83 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.19 | 0.62 | 0.62 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.12 | 0.02 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W5 | 1.80×0.23 | 0.03 | 0.16 | 0.03 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W7 | 1.40×0.38 | 0.11 | 0.36 | 0.36 | 0.00 |
| W8 | 1.80×0.38 | 0.14 | 0.47 | 0.47 | |
| | 0.80×0.38 | | | | 0.00 |
| 合　計 | | 1.79 | 4.80 | 3.69 | 0.01 |
| 検　定 | | 0.09 | 0.17 | 0.13 | 0.03 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X6
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.76 | 0.38 | 7.20 | 0.56 | |
| | 7.76 | | | | 0.00 |
| P2 | 1.30 | 0.51 | 0.56 | 0.74 | 0.00 |
| P3 | 1.67 | 0.66 | 0.72 | 0.95 | |
| | 0.74 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.30 | 0.76 | 0.76 | 0.00 |
| W2 | 0.54×1.67 | 0.00 | 0.10 | 0.00 | 0.00 |
| W3 | 0.54×1.67 | 0.28 | 0.62 | 0.72 | 0.00 |
| W4 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W5 | 1.40×0.18 | 0.03 | 0.04 | 0.13 | 0.00 |
| W6 | 1.80×0.23 | 0.07 | 0.27 | 0.11 | |
| W7 | 1.80×0.18 | 0.04 | 0.05 | 0.17 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| W8 | 1.40×0.33 | 0.14 | 0.36 | 0.36 | 0.00 |
| W9 | 1.80×0.33 | 0.18 | 0.47 | 0.47 | |
| | 0.80×0.33 | | | | 0.00 |
| 合　計 | | 2.66 | 11.35 | 5.05 | 0.02 |
| 検　定 | | 0.13 | 0.39 | 0.17 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X7
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.93 | 0.02 | 0.11 | 0.82 | 0.00 |
| P2 | 1.19 | 0.03 | 0.14 | 1.05 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.01 | 0.12 | 0.12 | 0.00 |
| W2 | 0.54×1.67 | 0.01 | 0.11 | 0.11 | 0.00 |
| W3 | 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 | 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| | 0.80×0.06 | | | | 0.00 |
| W5 | 1.40×0.13 | 0.00 | 0.02 | 0.02 | 0.00 |
| W6 | 1.80×0.13 | 0.00 | 0.03 | 0.03 | |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 0.06 | 0.56 | 2.16 | 0.00 |
| 検　定 | | 0.00 | 0.02 | 0.07 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.37 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又X7
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.21 | 2.24 | 5.41 | 1.80 | |
| | 7.21 | | | | 0.04 |
| P2 | 1.13 | 0.25 | 0.25 | 0.88 | 0.01 |
| P3 | 1.45 | 0.32 | 0.32 | 1.13 | |
| | 0.65 | | | | 0.00 |
| P4 | 0.51 | 0.17 | 0.17 | 0.33 | 0.00 |
| P5 | 2.44 | 0.84 | 0.84 | 1.59 | 0.02 |
| P6 | 3.13 | 1.08 | 1.08 | 2.05 | |
| | 1.39 | | | | 0.01 |
| P7 | 1.42 | 0.69 | 0.87 | 0.56 | 0.01 |
| P8 | 1.83 | 0.89 | 1.11 | 0.72 | |
| | 0.81 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.59 | 1.06 | 1.06 | 0.01 |
| W2 | 0.54×1.67 | 0.08 | 0.44 | 0.06 | 0.00 |
| W3 | 0.54×1.67 | 0.48 | 0.57 | 0.95 | 0.01 |
| W4 | 1.40×0.22 | 0.11 | 0.11 | 0.16 | 0.00 |
| W5 | 1.40×0.24 | 0.07 | 0.23 | 0.06 | 0.00 |
| W6 | 1.40×0.13 | 0.01 | 0.01 | 0.08 | 0.00 |
| W7 | 1.80×0.22 | 0.14 | 0.14 | 0.20 | |
| W8 | 1.80×0.24 | 0.09 | 0.30 | 0.07 | |
| W9 | 1.80×0.13 | 0.01 | 0.01 | 0.10 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| W10 | 1.40×0.37 | 0.25 | 0.51 | 0.25 | 0.00 |
| W11 | 1.40×0.20 | 0.04 | 0.04 | 0.17 | 0.00 |
| W12 | 1.80×0.37 | 0.33 | 0.66 | 0.32 | |
| W13 | 1.80×0.20 | 0.05 | 0.05 | 0.22 | |
| | 0.80×0.37 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 8.73 | 14.18 | 12.76 | 0.13 |
| 検　定 | | 0.47 | 0.49 | 0.44 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.29 | 0.13 | 0.16 | 0.02 |
| P2 | 0.37 | 0.37 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.29 | 0.29 | 0.13 | 0.16 | 0.02 |
| P4 | 0.37 | 0.37 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.71 | 0.93 | 0.37 | 0.06 |
| W2 | 1.47×0.37 | 0.71 | 0.93 | 0.37 | 0.06 |
| W3 | 1.47×0.35 | 0.45 | 0.20 | 0.72 | 0.04 |
| W4 | 1.47×0.35 | 0.45 | 0.20 | 0.72 | 0.04 |
| W5 | 1.80×0.37 | 0.87 | 1.14 | 0.45 | |
| W6 | 1.80×0.37 | 0.87 | 1.14 | 0.45 | |
| W7 | 1.80×0.35 | 0.55 | 0.24 | 0.88 | |
| W8 | 1.80×0.35 | 0.55 | 0.24 | 0.88 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 6.45 | 5.57 | 5.57 | 0.35 |
| 検　定 | | 0.41 | 0.21 | 0.21 | 0.50 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.05 |
| W2 | 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.05 |
| W3 | 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| W4 | 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| | 0.80×0.39 | | | | 0.03 |
| | 0.80×0.39 | | | | 0.03 |
| 合　計 | | 3.21 | 4.00 | 4.00 | 0.16 |
| 検　定 | | 0.25 | 0.19 | 0.19 | 0.30 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.95 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P2 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P4 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P5 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P6 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P7 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P8 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P10 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| P11 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P12 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| W1 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W2 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W3 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W4 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W5 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W6 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W7 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W8 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W9 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W10 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W11 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W12 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| W13 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W14 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W15 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W16 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.04 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.04 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 11.75 | 7.92 | 7.76 | 0.55 |
| 検　定 | 0.46 | 0.23 | 0.23 | 0.58 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.29 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/
X7
X8

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W2 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W3 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| W4 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| 0.80×0.34 | | | | 0.01 |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.79 | 1.84 | 1.84 | 0.05 |
| 検　定 | 0.16 | 0.14 | 0.14 | 0.16 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.13 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/
X8
X9

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 11.00 | 1.10 | 15.84 | 26.40 | 0.70 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.07 | 0.07 | 0.03 | 0.04 | 0.00 |
| P2 | 0.09 | 0.09 | 0.04 | 0.05 | |
| | 0.04 | | | | 0.00 |
| P3 | 0.29 | 0.29 | 0.13 | 0.16 | 0.02 |
| P4 | 0.37 | 0.37 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.21 | 0.40 | 0.52 | 0.21 | 0.03 |
| W2 | 1.47×0.20 | 0.26 | 0.12 | 0.42 | 0.02 |
| W3 | 1.47×0.37 | 0.71 | 0.93 | 0.37 | 0.06 |
| W4 | 1.47×0.35 | 0.45 | 0.20 | 0.72 | 0.04 |
| W5 | 1.80×0.21 | 0.48 | 0.63 | 0.25 | |
| W6 | 1.80×0.20 | 0.32 | 0.14 | 0.51 | |
| W7 | 1.80×0.37 | 0.87 | 1.14 | 0.45 | |
| W8 | 1.80×0.35 | 0.55 | 0.24 | 0.88 | |
| | 0.80×0.21 | | | | 0.02 |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 4.85 | 4.27 | 4.27 | 0.27 |
| 検　定 | | 0.31 | 0.16 | 0.16 | 0.38 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.53 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.22 | 0.38 | 0.47 | 0.47 | 0.03 |
| W2 | 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.05 |
| W3 | 1.80×0.22 | 0.49 | 0.61 | 0.61 | |
| W4 | 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| | 0.80×0.22 | | | | 0.02 |
| | 0.80×0.39 | | | | 0.03 |
| 合　計 | | 2.47 | 3.09 | 3.09 | 0.13 |
| 検　定 | | 0.20 | 0.15 | 0.15 | 0.23 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.95 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P2 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P4 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P5 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P6 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P7 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P8 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P10 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| P11 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P12 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| W1 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W2 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W3 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W4 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W5 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W6 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W7 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W8 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W9 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W10 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W11 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W12 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W13 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W14 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W15 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| W16 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.04 |
| | 0.80×0.35 | | | | 0.04 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 11.75 | 7.92 | 7.76 | 0.55 |
| 検　定 | 0.46 | 0.23 | 0.23 | 0.58 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.29 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/
X7
X8

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W2 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W3 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| W4 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| 0.80×0.34 | | | | 0.01 |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.79 | 1.84 | 1.84 | 0.05 |
| 検　定 | 0.16 | 0.14 | 0.14 | 0.16 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.13 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/
X8
X9

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.07 | 0.37 | 0.37 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W5 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.16 | 0.85 | 0.85 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.20 | 0.03 | 0.12 | 0.12 | 0.00 |
| W3 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.20 | 0.03 | 0.16 | 0.16 | |
| W5 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X1
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.43 | 0.14 | 0.24 | 0.18 | 0.00 |
| P2 | 0.55 | 0.18 | 0.31 | 0.24 | |
| | 0.24 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.11 | 0.33 | 0.33 | 0.00 |
| W2 | 1.40×0.23 | 0.08 | 0.22 | 0.22 | 0.00 |
| W3 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W4 | 1.40×0.26 | 0.05 | 0.08 | 0.20 | 0.00 |
| W5 | 1.80×0.23 | 0.10 | 0.28 | 0.28 | |
| W6 | 1.80×0.15 | 0.03 | 0.13 | 0.03 | |
| W7 | 1.80×0.26 | 0.07 | 0.10 | 0.26 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 0.77 | 1.79 | 1.77 | 0.01 |
| 検　定 | | 0.07 | 0.08 | 0.08 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X1
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.11 | 0.33 | 0.33 | 0.01 |
| 合　計 | | 0.11 | 0.33 | 0.33 | 0.01 |
| 検　定 | | 0.02 | 0.03 | 0.03 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
又
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.59 | 2.16 | 2.16 | 2.43 | |
| | 3.95 | | | | 0.05 |
| P2 | 0.07 | 0.00 | 0.07 | 0.00 | 0.00 |
| P3 | 0.09 | 0.01 | 0.09 | 0.01 | |
| | 0.04 | | | | 0.00 |
| P4 | 0.23 | 0.11 | 0.11 | 0.12 | 0.00 |
| P5 | 0.51 | 0.24 | 0.24 | 0.27 | 0.01 |
| P6 | 0.65 | 0.31 | 0.31 | 0.35 | |
| | 0.29 | | | | 0.00 |
| P7 | 0.94 | 0.44 | 0.44 | 0.50 | |
| | 0.68 | | | | 0.01 |
| P8 | 0.47 | 0.03 | 0.45 | 0.03 | 0.00 |
| P9 | 0.61 | 0.03 | 0.57 | 0.04 | |
| | 0.27 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.22 | 0.46 | 0.46 | 0.01 |
| W2 | 1.40×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| W3 | 1.40×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 1.40×0.22 | 0.07 | 0.07 | 0.21 | 0.00 |
| W5 | 1.40×0.20 | 0.13 | 0.24 | 0.27 | 0.00 |
| W6 | 1.40×0.23 | 0.08 | 0.20 | 0.09 | 0.00 |
| W7 | 1.80×0.06 | 0.00 | 0.01 | 0.00 | |
| W8 | 1.80×0.06 | 0.00 | 0.01 | 0.00 | |
| W9 | 1.80×0.22 | 0.08 | 0.08 | 0.28 | |
| W10 | 1.80×0.20 | 0.17 | 0.31 | 0.35 | |
| W11 | 1.80×0.23 | 0.10 | 0.26 | 0.11 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 4.18 | 6.10 | 5.50 | 0.10 |
| 検　定 | | 0.41 | 0.29 | 0.26 | 0.30 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.22 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.22 | 0.46 | 0.46 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.78 | 0.30 | 0.26 | 0.52 | 0.01 |
| P2 | 0.94 | 0.37 | 0.31 | 0.63 | 0.01 |
| P3 | 1.21 | 0.47 | 0.40 | 0.81 | |
| | 0.54 | | | | 0.01 |
| P4 | 0.51 | 0.20 | 0.17 | 0.35 | |
| | 0.32 | | | | 0.00 |
| P5 | 2.07 | 0.80 | 0.68 | 1.39 | |
| | 1.69 | | | | 0.02 |
| P6 | 1.26 | 0.88 | 0.83 | 0.43 | 0.02 |
| P7 | 1.00 | 0.70 | 0.66 | 0.35 | 0.01 |
| P8 | 1.29 | 0.90 | 0.84 | 0.44 | |
| | 0.57 | | | | 0.01 |
| P9 | 6.74 | 4.70 | 4.42 | 2.33 | |
| | 5.86 | | | | 0.07 |
| W1 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W2 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W3 | 1.40×0.22 | 0.24 | 0.21 | 0.43 | 0.01 |
| W4 | 1.40×0.21 | 0.11 | 0.26 | 0.05 | 0.00 |
| W5 | 1.40×0.25 | 0.13 | 0.32 | 0.07 | 0.00 |
| W6 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W7 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| W8 | 1.80×0.22 | 0.31 | 0.27 | 0.55 | |
| W9 | 1.80×0.21 | 0.14 | 0.34 | 0.07 | |
| W10 | 1.80×0.25 | 0.17 | 0.41 | 0.08 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.21 | | | | 0.00 |
| | 0.80×0.25 | | | | 0.00 |
| 合　計 | | 11.10 | 10.92 | 9.67 | 0.19 |
| 検　定 | | 0.41 | 0.34 | 0.31 | 0.35 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.95 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y4
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.22 | 0.08 | 0.21 | 0.03 |
| P2 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.34 | 0.17 | 0.12 | 0.03 |
| P4 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.02 |
| P5 | 0.25 | 0.06 | 0.23 | 0.02 | 0.01 |
| P6 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| P7 | 0.14 | 0.11 | 0.04 | 0.10 | 0.01 |
| P8 | 0.18 | 0.14 | 0.05 | 0.13 | |
| | 0.08 | | | | 0.01 |
| P9 | 0.14 | 0.17 | 0.09 | 0.06 | 0.02 |
| P10 | 0.18 | 0.22 | 0.11 | 0.07 | |
| | 0.08 | | | | 0.01 |
| P11 | 0.14 | 0.03 | 0.13 | 0.01 | 0.00 |
| P12 | 0.18 | 0.04 | 0.16 | 0.01 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.47×0.26 | 0.23 | 0.08 | 0.52 | 0.03 |
| W2 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W3 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.07 |
| W4 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W5 | 1.47×0.27 | 0.50 | 0.54 | 0.17 | 0.06 |
| W6 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.04 |
| W7 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.11 |
| W8 | 1.47×0.27 | 0.81 | 0.31 | 0.39 | 0.08 |
| W9 | 1.80×0.26 | 0.28 | 0.10 | 0.63 | |
| W10 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W11 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W12 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W13 | 1.80×0.27 | 0.61 | 0.66 | 0.21 | |
| W14 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W15 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| W16 | 1.80×0.27 | 0.99 | 0.38 | 0.48 | |
| | 0.80×0.26 | | | | 0.02 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.04 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.03 |
| | 0.80×0.33 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.06 |
| | 0.80×0.27 | | | | 0.05 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 合　計 | 10.04 | 6.77 | 6.69 | 0.78 | | |
| | | | | | 検　定 | 0.55 | 0.23 | 0.23 | 0.82 | | |
| | | | | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ | | |
| | | | | | 荷重及び区分 | | Ｇ＋Ｐ | | | | |

| 階／通 | 材種 | E | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 支点 | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.29 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又Y4
X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.13 | 0.31 | 0.31 | 0.01 |
| W2 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W3 1.80×0.26 | 0.17 | 0.40 | 0.40 | |
| W4 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| 0.80×0.26 | | | | 0.01 |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.70 | 1.64 | 1.64 | 0.04 |
| 検　定 | 0.14 | 0.12 | 0.12 | 0.15 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通 | 材種 | E | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 支点 | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.13 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又Y4
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.19 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.09 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 1.80×0.11 | 0.02 | 0.05 | 0.05 | |
| 0.80×0.11 | | | | 0.00 |
| W3 1.40×0.26 | 0.05 | 0.19 | 0.19 | 0.00 |
| W4 1.40×0.21 | 0.04 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.26 | 0.06 | 0.24 | 0.24 | |
| W6 1.80×0.21 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.21 | | | | 0.00 |
| W7 0.54×3.35 | 0.17 | 0.42 | 0.42 | 0.01 |
| 合　計 | 0.41 | 1.29 | 1.29 | 0.01 |
| 検　定 | 0.08 | 0.10 | 0.10 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 1.80×0.11 | 0.02 | 0.05 | 0.05 | |
| 0.80×0.11 | | | | 0.00 |
| W3 1.40×0.26 | 0.05 | 0.19 | 0.19 | 0.00 |
| W4 1.40×0.21 | 0.04 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.26 | 0.06 | 0.24 | 0.24 | |
| W6 1.80×0.21 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.21 | | | | 0.00 |
| W7 0.54×3.35 | 0.17 | 0.42 | 0.42 | 0.01 |
| 合　計 | 0.41 | 1.29 | 1.29 | 0.01 |
| 検　定 | 0.08 | 0.10 | 0.10 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.95 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.14 | 0.11 | 0.04 | 0.10 | 0.01 |
| P2 | 0.18 | 0.14 | 0.05 | 0.13 | |
| | 0.08 | | | | 0.01 |
| P3 | 0.14 | 0.17 | 0.09 | 0.06 | 0.02 |
| P4 | 0.18 | 0.22 | 0.11 | 0.07 | |
| | 0.08 | | | | 0.01 |
| P5 | 0.14 | 0.03 | 0.13 | 0.01 | 0.00 |
| P6 | 0.18 | 0.04 | 0.16 | 0.01 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.18 | 0.14 | 0.05 | 0.13 | 0.02 |
| P8 | 0.24 | 0.18 | 0.07 | 0.17 | |
| | 0.11 | | | | 0.01 |
| P9 | 0.18 | 0.22 | 0.11 | 0.07 | 0.02 |
| P10 | 0.24 | 0.28 | 0.14 | 0.09 | |
| | 0.11 | | | | 0.01 |
| P11 | 0.17 | 0.04 | 0.16 | 0.01 | 0.01 |
| P12 | 0.22 | 0.05 | 0.20 | 0.02 | |
| | 0.10 | | | | 0.00 |
| W1 | 1.47×0.28 | 0.25 | 0.09 | 0.57 | 0.03 |
| W2 | 1.47×0.26 | 0.23 | 0.08 | 0.52 | 0.03 |
| W3 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W4 | 1.47×0.27 | 0.50 | 0.54 | 0.17 | 0.06 |
| W5 | 1.47×0.27 | 0.81 | 0.31 | 0.39 | 0.08 |
| W6 | 1.47×0.29 | 0.89 | 0.34 | 0.43 | 0.09 |
| W7 | 1.47×0.29 | 0.55 | 0.59 | 0.19 | 0.06 |
| W8 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W9 | 1.80×0.28 | 0.31 | 0.11 | 0.69 | |
| W10 | 1.80×0.26 | 0.28 | 0.10 | 0.63 | |
| W11 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W12 | 1.80×0.27 | 0.61 | 0.66 | 0.21 | |
| W13 | 1.80×0.27 | 0.99 | 0.38 | 0.48 | |
| W14 | 1.80×0.29 | 1.09 | 0.42 | 0.53 | |
| W15 | 1.80×0.29 | 0.68 | 0.72 | 0.23 | |
| W16 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| | 0.80×0.28 | | | | 0.02 |
| | 0.80×0.26 | | | | 0.02 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.03 |
| | 0.80×0.27 | | | | 0.05 |
| | 0.80×0.29 | | | | 0.05 |
| | 0.80×0.29 | | | | 0.03 |
| | 0.80×0.12 | | | | 0.00 |

| | | | | |
|---|---|---|---|---|
| 合　計 | 8.87 | 5.99 | 5.95 | 0.69 |
| 検　定 | 0.48 | 0.21 | 0.20 | 0.72 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 37.26 | 36.96 | 0.04 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又
X7
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.11 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 1.80×0.11 | 0.00 | 0.02 | 0.02 | |
| W5 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| 0.80×0.11 | | | | 0.00 |
| 0.80×0.06 | | | | 0.00 |
| 合　計 | 0.01 | 0.16 | 0.16 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 37.26 | 36.96 | 0.25 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又
又X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.27 | 0.71 | 0.71 | 0.00 |
| W2 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| W3 1.40×0.38 | 0.15 | 0.39 | 0.39 | 0.00 |
| W4 1.80×0.38 | 0.19 | 0.51 | 0.51 | |
| 0.80×0.38 | | | | 0.00 |
| W5 1.40×0.29 | 0.11 | 0.30 | 0.30 | 0.00 |
| W6 1.80×0.29 | 0.14 | 0.38 | 0.38 | |
| 0.80×0.29 | | | | 0.00 |
| 合　計 | 1.11 | 2.96 | 2.96 | 0.00 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| W4 1.80×0.19 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.09 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.11 | 0.00 | 0.00 | 0.11 | 0.00 |
| P2 1.48 | 0.03 | 0.05 | 1.43 | 0.00 |
| P3 1.90 | 0.03 | 0.06 | 1.83 | |
| 0.84 | | | | 0.00 |
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.15 | 0.53 | 3.78 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.18 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.16 | 0.33 | 0.09 | 0.01 |
| P2 | 0.54 | 0.21 | 0.43 | 0.11 | |
| | 0.24 | | | | 0.00 |
| P3 | 0.43 | 0.28 | 0.28 | 0.15 | 0.01 |
| P4 | 0.55 | 0.36 | 0.36 | 0.19 | |
| | 0.24 | | | | 0.01 |
| P5 | 0.59 | 0.30 | 0.13 | 0.46 | 0.01 |
| P6 | 0.48 | 0.25 | 0.10 | 0.38 | 0.01 |
| P7 | 0.62 | 0.32 | 0.13 | 0.49 | |
| | 0.28 | | | | 0.00 |
| P8 | 1.57 | 0.80 | 0.34 | 1.23 | |
| | 1.13 | | | | 0.02 |
| P9 | 0.47 | 0.49 | 0.21 | 0.27 | 0.01 |
| P10 | 0.61 | 0.62 | 0.26 | 0.35 | |
| | 0.27 | | | | 0.01 |
| W1 | 1.47×0.29 | 0.45 | 0.38 | 0.24 | 0.02 |
| W2 | 1.47×0.26 | 0.26 | 0.11 | 0.23 | 0.01 |
| W3 | 1.47×0.20 | 0.05 | 0.23 | 0.03 | 0.00 |
| W4 | 1.80×0.29 | 0.55 | 0.46 | 0.30 | |
| W5 | 1.80×0.26 | 0.32 | 0.14 | 0.28 | |
| W6 | 1.80×0.20 | 0.06 | 0.28 | 0.03 | |
| | 0.80×0.29 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| W7 | 1.47×0.21 | 0.07 | 0.03 | 0.24 | 0.00 |
| W8 | 1.47×0.17 | 0.06 | 0.02 | 0.20 | 0.00 |
| W9 | 1.80×0.21 | 0.09 | 0.04 | 0.30 | |
| W10 | 1.80×0.17 | 0.07 | 0.03 | 0.25 | |
| | 0.80×0.21 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| W11 | 1.47×0.16 | 0.07 | 0.09 | 0.04 | 0.00 |
| W12 | 1.47×0.22 | 0.05 | 0.25 | 0.03 | 0.00 |
| W13 | 1.47×0.23 | 0.26 | 0.16 | 0.14 | 0.01 |
| W14 | 1.47×0.23 | 0.23 | 0.10 | 0.21 | 0.01 |
| W15 | 1.80×0.16 | 0.08 | 0.12 | 0.05 | |
| W16 | 1.80×0.22 | 0.07 | 0.31 | 0.04 | |
| W17 | 1.80×0.23 | 0.32 | 0.20 | 0.17 | |
| W18 | 1.80×0.23 | 0.29 | 0.12 | 0.25 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 7.12 | 5.65 | 6.74 | 0.17 |
| 検　定 | 0.25 | 0.16 | 0.20 | 0.24 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.25 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又
又X1
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.67 | 0.67 | 0.00 |
| 合　計 | 0.25 | 0.67 | 0.67 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.15 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又
又
X2

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.18 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.05 | 0.17 | 0.17 | 0.00 |
| W3 1.80×0.18 | 0.05 | 0.18 | 0.18 | |
| W4 1.80×0.23 | 0.06 | 0.22 | 0.22 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.20 | 0.71 | 0.71 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.03 | 0.12 | 0.12 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.16 | 0.16 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.13 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.76 | Qa<br>18.48 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.20 | 0.11 | 0.30 | 0.03 |
| P2 | 0.29 | 0.14 | 0.08 | 0.21 | 0.02 |
| P3 | 0.37 | 0.19 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P4 | 0.28 | 0.14 | 0.08 | 0.20 | 0.02 |
| P5 | 0.13 | 0.07 | 0.04 | 0.10 | 0.01 |
| P6 | 0.17 | 0.09 | 0.05 | 0.13 | |
| | 0.08 | | | | 0.01 |
| W1 | 1.40×0.27 | 0.43 | 0.58 | 0.33 | 0.06 |
| W2 | 1.40×0.37 | 0.59 | 0.80 | 0.45 | 0.09 |
| W3 | 1.80×0.27 | 0.56 | 0.75 | 0.43 | |
| W4 | 1.80×0.37 | 0.76 | 1.03 | 0.58 | |
| | 0.80×0.27 | | | | 0.04 |
| | 0.80×0.37 | | | | 0.05 |
| W5 | 1.40×0.21 | 0.06 | 0.04 | 0.22 | 0.01 |
| W6 | 1.40×0.23 | 0.07 | 0.04 | 0.25 | 0.01 |
| W7 | 1.80×0.21 | 0.08 | 0.05 | 0.29 | |
| W8 | 1.80×0.23 | 0.09 | 0.05 | 0.32 | |
| | 0.80×0.21 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| 合　計 | | 3.49 | 3.78 | 4.09 | 0.37 |
| 検　定 | | 0.45 | 0.20 | 0.22 | 0.67 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 6.06 | 4.22 | 3.97 | 2.09 | |
| | 5.03 | | | | 0.10 |
| P2 | 1.11 | 0.43 | 0.36 | 0.75 | 0.02 |
| P3 | 0.98 | 0.38 | 0.32 | 0.66 | 0.02 |
| P4 | 1.25 | 0.49 | 0.41 | 0.84 | |
| | 0.56 | | | | 0.01 |
| P5 | 0.70 | 0.27 | 0.23 | 0.47 | |
| | 0.44 | | | | 0.01 |
| P6 | 1.65 | 1.15 | 1.08 | 0.57 | 0.03 |
| P7 | 1.00 | 0.70 | 0.66 | 0.34 | 0.02 |
| P8 | 1.29 | 0.90 | 0.84 | 0.44 | |
| | 0.57 | | | | 0.01 |
| P9 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P10 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P11 | 1.14 | 0.44 | 0.37 | 0.77 | |
| | 0.72 | | | | 0.01 |
| P12 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P13 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P14 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W2 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W3 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W4 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W5 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W6 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| W7 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W8 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| W9 | 1.40×0.23 | 0.12 | 0.29 | 0.06 | 0.00 |
| W10 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.00 |
| W11 | 1.80×0.23 | 0.15 | 0.37 | 0.08 | |
| W12 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 11.92 | 11.74 | 10.38 | 0.31 |
| 検　定 | | 0.65 | 0.40 | 0.36 | 0.59 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×55.0 | 660.0 | 166375 | 6050 | 10.23 | 1.10 | 49.51 | 48.40 | 0.95 |
| | 係数 | 0.93 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 6.89 | 5.30 | 1.39 | 5.51 | 0.11 |
| P2 | 1.60 | 1.23 | 0.32 | 1.28 | 0.03 |
| P3 | 1.97 | 1.51 | 0.40 | 1.57 | |
| | 0.87 | | | | 0.01 |
| P4 | 1.22 | 0.94 | 0.24 | 0.97 | 0.02 |
| P5 | 2.67 | 2.05 | 0.54 | 2.13 | |
| | 1.75 | | | | 0.03 |
| P6 | 0.18 | 0.20 | 0.05 | 0.13 | 0.00 |
| P7 | 0.24 | 0.25 | 0.07 | 0.17 | |
| | 0.11 | | | | 0.00 |
| P8 | 0.18 | 0.14 | 0.11 | 0.07 | 0.00 |
| P9 | 0.24 | 0.18 | 0.14 | 0.09 | |
| | 0.11 | | | | 0.00 |
| P10 | 0.17 | 0.03 | 0.16 | 0.01 | 0.00 |
| P11 | 0.22 | 0.03 | 0.20 | 0.02 | |
| | 0.10 | | | | 0.00 |
| W1 | 0.54×3.35 | 5.66 | 4.93 | 3.28 | 0.16 |
| W2 | 1.47×0.31 | 0.20 | 0.05 | 0.46 | 0.00 |
| W3 | 1.47×0.22 | 0.13 | 0.04 | 0.11 | 0.00 |
| W4 | 1.47×0.28 | 0.18 | 0.05 | 0.42 | 0.00 |
| W5 | 1.47×0.29 | 0.80 | 0.34 | 0.43 | 0.02 |
| W6 | 1.47×0.29 | 0.35 | 0.59 | 0.19 | 0.01 |
| W7 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W8 | 1.80×0.31 | 0.24 | 0.06 | 0.57 | |
| W9 | 1.80×0.22 | 0.16 | 0.04 | 0.14 | |
| W10 | 1.80×0.28 | 0.22 | 0.06 | 0.51 | |
| W11 | 1.80×0.29 | 0.98 | 0.42 | 0.53 | |
| W12 | 1.80×0.29 | 0.43 | 0.72 | 0.23 | |
| W13 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| | 0.80×0.31 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.29 | | | | 0.01 |
| | 0.80×0.29 | | | | 0.01 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 21.21 | 11.08 | 18.83 | 0.44 |
| 検　定 | | 0.43 | 0.23 | 0.39 | 0.46 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×3.35 | 0.13 | 0.70 | 0.70 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.12 | 0.01 | 0.06 | 0.06 | 0.00 |
| W5 1.80×0.12 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.21 | 1.08 | 1.08 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.14 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 18.40 | 29.04 | 0.56 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X1
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.55 | 4.88 | 2.06 | 5.49 | |
| | 5.74 | | | | 0.11 |
| P2 | 0.41 | 0.27 | 0.11 | 0.30 | 0.01 |
| P3 | 0.29 | 0.19 | 0.08 | 0.21 | 0.01 |
| P4 | 0.37 | 0.24 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.00 |
| P5 | 0.41 | 0.27 | 0.11 | 0.30 | 0.01 |
| P6 | 0.29 | 0.19 | 0.08 | 0.21 | 0.01 |
| P7 | 0.37 | 0.24 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.27 | 0.11 | 0.71 | 0.01 |
| W2 | 1.40×0.37 | 0.44 | 0.80 | 0.45 | 0.02 |
| W3 | 1.40×0.37 | 0.44 | 0.80 | 0.45 | 0.02 |
| W4 | 1.80×0.37 | 0.56 | 1.03 | 0.58 | |
| W5 | 1.80×0.37 | 0.56 | 1.03 | 0.58 | |
| | 0.80×0.37 | | | | 0.01 |
| | 0.80×0.37 | | | | 0.01 |
| W6 | 1.40×0.23 | 0.09 | 0.04 | 0.25 | 0.00 |
| W7 | 1.80×0.23 | 0.12 | 0.05 | 0.32 | |
| | 0.80×0.23 | | | | 0.00 |
| W8 | 1.40×0.23 | 0.09 | 0.04 | 0.25 | 0.00 |
| W9 | 1.80×0.23 | 0.12 | 0.05 | 0.32 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 8.96 | 6.59 | 10.98 | 0.23 |
| 検　定 | | 0.49 | 0.23 | 0.38 | 0.42 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.11 | 2.17 | 2.04 | 1.07 | |
| | 2.45 | | | | 0.06 |
| P2 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P3 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P4 | 1.14 | 0.44 | 0.37 | 0.77 | |
| | 0.72 | | | | 0.02 |
| P5 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P6 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P7 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P8 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P9 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| P10 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P11 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P12 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.35 | 0.83 | 0.17 | 0.01 |
| W2 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.01 |
| W3 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.27 | | | | 0.00 |
| W4 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W5 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W6 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.01 |
| W7 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.01 |
| W8 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W9 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W10 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| W11 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| | 0.80×0.26 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| W12 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.01 |
| W13 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 6.96 | 7.78 | 6.30 | 0.24 |
| 検　定 | | 0.44 | 0.29 | 0.24 | 0.44 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 1.80×0.28 | 0.08 | 0.28 | 0.28 | |
| W4 1.80×0.28 | 0.08 | 0.28 | 0.28 | |
| 0.80×0.28 | | | | 0.00 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.29 | 1.01 | 1.01 | 0.01 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X7
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| W5 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| 0.80×0.06 | | | | 0.00 |
| 0.80×0.06 | | | | 0.00 |
| 合　計 | 0.01 | 0.14 | 0.14 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.27 | 0.71 | 0.71 | 0.00 |
| W2 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| W3 1.40×0.38 | 0.15 | 0.39 | 0.39 | 0.00 |
| W4 1.80×0.38 | 0.19 | 0.51 | 0.51 | |
| 0.80×0.38 | | | | 0.00 |
| W5 1.40×0.28 | 0.11 | 0.29 | 0.29 | 0.00 |
| W6 1.80×0.28 | 0.14 | 0.37 | 0.37 | |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 1.10 | 2.95 | 2.95 | 0.01 |
| 検　定 | 0.09 | 0.14 | 0.14 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.07 | 0.37 | 0.37 | 0.00 |
| W2 0.54×1.67 | 0.07 | 0.35 | 0.35 | 0.00 |
| W3 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W4 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| W5 1.40×0.12 | 0.01 | 0.06 | 0.06 | 0.00 |
| W6 1.80×0.12 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.21 | 1.09 | 1.09 | 0.00 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.40 | 0.40 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| W4 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.22 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X1
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.49 | 0.06 | 3.46 | 0.03 | |
| | 2.80 | | | | 0.00 |
| P2 | 4.26 | 3.45 | 2.33 | 1.93 | |
| | 3.58 | | | | 0.08 |
| P3 | 2.58 | 1.09 | 0.71 | 1.88 | |
| | 1.93 | | | | 0.03 |
| P4 | 0.41 | 0.17 | 0.11 | 0.30 | 0.01 |
| P5 | 0.29 | 0.12 | 0.08 | 0.21 | 0.00 |
| P6 | 0.37 | 0.16 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.00 | 0.03 | 0.00 | 0.00 |
| W2 | 0.54×1.67 | 0.55 | 1.03 | 0.31 | 0.02 |
| W3 | 0.54×1.67 | 0.52 | 0.34 | 0.48 | 0.02 |
| W4 | 1.40×0.37 | 0.61 | 0.80 | 0.45 | 0.02 |
| W5 | 1.80×0.37 | 0.79 | 1.03 | 0.58 | |
| | 0.80×0.37 | | | | 0.01 |
| W6 | 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.03 |
| W7 | 1.40×0.23 | 0.06 | 0.04 | 0.25 | 0.00 |
| W8 | 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W9 | 1.80×0.23 | 0.08 | 0.05 | 0.32 | |
| | 0.80×0.40 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 9.40 | 12.18 | 9.12 | 0.24 |
| 検　定 | | 0.45 | 0.42 | 0.31 | 0.43 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.96 | 0.76 | 0.64 | 1.32 | |
| | 1.23 | | | | 0.02 |
| P2 | 5.89 | 4.11 | 3.86 | 2.03 | |
| | 5.10 | | | | 0.10 |
| P3 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P4 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P5 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P6 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P7 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| P8 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P9 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P10 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.00 |
| W2 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.00 |
| W3 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| W4 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W6 | 1.40×0.36 | 0.40 | 0.34 | 0.70 | 0.02 |
| W7 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W8 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W9 | 1.80×0.36 | 0.52 | 0.44 | 0.91 | |
| W10 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.36 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 8.87 | 9.05 | 7.64 | 0.23 |
| 検　定 | | 0.48 | 0.31 | 0.26 | 0.43 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.27 | 0.06 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.28 | 0.08 | 0.28 | 0.28 | |
| W4 1.80×0.27 | 0.08 | 0.28 | 0.28 | |
| 0.80×0.28 | | | | 0.00 |
| 0.80×0.27 | | | | 0.00 |
| 合　計 | 0.28 | 0.99 | 0.99 | 0.01 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.19 | 0.02 | 0.16 | 0.02 | 0.00 |
| P2 0.24 | 0.03 | 0.21 | 0.03 | |
| 0.11 | | | | 0.00 |
| P3 0.14 | 0.02 | 0.12 | 0.02 | 0.00 |
| P4 0.18 | 0.02 | 0.16 | 0.02 | |
| 0.08 | | | | 0.00 |
| W1 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W2 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W3 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| W4 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| 0.80×0.06 | | | | 0.00 |
| 0.80×0.06 | | | | 0.00 |
| W5 1.40×0.31 | 0.15 | 0.28 | 0.36 | 0.01 |
| W6 1.40×0.28 | 0.14 | 0.25 | 0.33 | 0.01 |
| W7 1.80×0.31 | 0.20 | 0.36 | 0.47 | |
| W8 1.80×0.28 | 0.18 | 0.32 | 0.42 | |
| 0.80×0.31 | | | | 0.01 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.75 | 1.94 | 1.67 | 0.03 |
| 検　定 | 0.13 | 0.12 | 0.11 | 0.11 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.15 | 0.52 | 0.52 | 0.01 |
| W2 1.40×0.27 | 0.06 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.27 | 0.08 | 0.28 | 0.28 | |
| 0.80×0.27 | | | | 0.00 |
| W4 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W5 3.20×0.28 | 0.15 | 0.51 | 0.51 | |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.50 | 1.74 | 1.74 | 0.02 |
| 検　定 | 0.10 | 0.13 | 0.13 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
X7
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.03 | 0.00 | 0.01 | 1.02 | |
| | 1.03 | | | | 0.00 |
| P2 | 11.30 | 1.89 | 9.12 | 2.18 | |
| | 11.30 | | | | 0.01 |
| P3 | 0.19 | 0.03 | 0.15 | 0.04 | 0.00 |
| P4 | 0.24 | 0.04 | 0.19 | 0.05 | |
| | 0.11 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.11 | 0.54 | 0.54 | 0.00 |
| W2 | 0.54×1.67 | 0.02 | 0.18 | 0.02 | 0.00 |
| W3 | 0.54×1.67 | 0.09 | 0.33 | 0.49 | 0.00 |
| W4 | 0.54×1.67 | 0.00 | 0.00 | 0.01 | 0.00 |
| W5 | 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W6 | 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| | 0.80×0.06 | | | | 0.00 |
| W7 | 1.40×0.33 | 0.05 | 0.17 | 0.25 | 0.00 |
| W8 | 1.80×0.33 | 0.06 | 0.22 | 0.32 | |
| | 0.80×0.33 | | | | 0.00 |
| W9 | 1.40×0.45 | 0.06 | 0.23 | 0.34 | 0.00 |
| W10 | 1.40×0.11 | 0.00 | 0.03 | 0.00 | 0.00 |
| W11 | 3.20×0.45 | 0.14 | 0.53 | 0.78 | |
| W12 | 3.20×0.11 | 0.01 | 0.07 | 0.01 | |
| | 2.10×0.45 | | | | 0.00 |
| | 2.10×0.11 | | | | 0.00 |
| 合　計 | | 2.50 | 11.81 | 6.05 | 0.01 |
| 検　定 | | 0.12 | 0.41 | 0.21 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
又
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.27 | 0.51 | 0.38 | 0.00 |
| P2 | 1.14 | 0.35 | 0.65 | 0.49 | |
| | 0.51 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.22 | 0.64 | 0.64 | 0.00 |
| W2 | 0.54×1.67 | 0.21 | 0.61 | 0.61 | 0.00 |
| W3 | 1.40×0.27 | 0.03 | 0.17 | 0.05 | 0.00 |
| W4 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W5 | 1.80×0.27 | 0.04 | 0.22 | 0.06 | |
| W6 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| W7 | 1.40×0.40 | 0.13 | 0.38 | 0.38 | 0.00 |
| W8 | 3.20×0.40 | 0.29 | 0.86 | 0.86 | |
| | 2.10×0.40 | | | | 0.00 |
| 合　計 | | 1.63 | 4.18 | 3.81 | 0.01 |
| 検　定 | | 0.08 | 0.14 | 0.13 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
X9
又X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 | 0.54×3.34 | 0.18 | 0.81 | 0.81 | 0.00 |
| W3 | 1.40×0.27 | 0.04 | 0.17 | 0.17 | 0.00 |
| W4 | 1.80×0.27 | 0.05 | 0.21 | 0.21 | |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.10 | 0.01 | 0.06 | 0.06 | 0.00 |
| W6 | 3.20×0.10 | 0.03 | 0.13 | 0.13 | |
| | 2.10×0.10 | | | | 0.00 |
| 合　計 | | 0.41 | 1.81 | 1.81 | 0.01 |
| 検　定 | | 0.06 | 0.11 | 0.11 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.27 | 0.20 | 0.20 | 0.34 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.98 | 2.78 | 2.61 | 1.37 | |
| | 3.09 | | | | 0.08 |
| P2 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P3 | 0.36 | 0.25 | 0.23 | 0.12 | 0.01 |
| P4 | 0.46 | 0.32 | 0.30 | 0.16 | |
| | 0.20 | | | | 0.01 |
| P5 | 0.54 | 0.38 | 0.35 | 0.19 | |
| | 0.42 | | | | 0.01 |
| P6 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P7 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P8 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.73 | 0.62 | 1.27 | 0.04 |
| W2 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.01 |
| W3 | 1.40×0.18 | 0.10 | 0.23 | 0.05 | 0.00 |
| W4 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| W5 | 1.80×0.18 | 0.13 | 0.30 | 0.06 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| W6 | 1.40×0.36 | 0.40 | 0.34 | 0.70 | 0.02 |
| W7 | 1.80×0.36 | 0.52 | 0.44 | 0.91 | |
| | 0.80×0.36 | | | | 0.01 |
| W8 | 1.40×0.36 | 0.40 | 0.34 | 0.70 | 0.02 |
| W9 | 1.80×0.36 | 0.52 | 0.44 | 0.91 | |
| | 0.80×0.36 | | | | 0.01 |
| 合　計 | | 7.89 | 7.97 | 7.12 | 0.27 |
| 検　定 | | 0.50 | 0.30 | 0.27 | 0.50 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.18 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.18 | 0.04 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.18 | 0.05 | 0.18 | 0.18 | |
| W4 1.80×0.18 | 0.05 | 0.18 | 0.18 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.18 | | | | 0.00 |
| 合　計 | 0.18 | 0.64 | 0.64 | 0.00 |
| 検　定 | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.14 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.27 | 0.20 | 0.20 | 0.34 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.55 | 0.54 | 0.28 | 0.02 |
| P2 | 0.41 | 0.27 | 0.27 | 0.14 | 0.01 |
| P3 | 0.36 | 0.24 | 0.23 | 0.12 | 0.01 |
| P4 | 0.46 | 0.31 | 0.30 | 0.16 | |
| | 0.20 | | | | 0.00 |
| P5 | 0.54 | 0.36 | 0.35 | 0.19 | |
| | 0.42 | | | | 0.01 |
| W1 | 1.40×0.18 | 0.09 | 0.23 | 0.05 | 0.00 |
| W2 | 1.40×0.37 | 0.19 | 0.46 | 0.10 | 0.01 |
| W3 | 1.80×0.18 | 0.12 | 0.30 | 0.06 | |
| W4 | 1.80×0.37 | 0.24 | 0.59 | 0.12 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| W5 | 1.40×0.41 | 0.49 | 0.39 | 0.80 | 0.02 |
| W6 | 1.40×0.36 | 0.43 | 0.34 | 0.70 | 0.02 |
| W7 | 1.80×0.41 | 0.63 | 0.50 | 1.03 | |
| W8 | 1.80×0.36 | 0.55 | 0.44 | 0.91 | |
| | 0.80×0.41 | | | | 0.01 |
| | 0.80×0.36 | | | | 0.01 |
| 合　計 | | 4.46 | 4.96 | 4.67 | 0.14 |
| 検　定 | | 0.25 | 0.19 | 0.18 | 0.25 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 3.20×0.28 | 0.15 | 0.51 | 0.51 | |
| W4 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| 2.10×0.28 | | | | 0.00 |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.42 | 1.46 | 1.46 | 0.01 |
| 検　定 | 0.08 | 0.11 | 0.11 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.39 | 0.42 | 0.68 | 0.68 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.39 | 0.97 | 1.55 | 1.55 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.39 | | | | 0.07 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.72 | 4.37 | 4.37 | 0.22 |
| 検　定 | 0.38 | 0.28 | 0.28 | 0.53 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.14 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.27 | 0.20 | 0.20 | 0.34 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 23.00 | 29.04 | 0.53 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/Y6
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.59 | 0.54 | 0.28 | 0.01 |
| P2 | 8.74 | 6.25 | 5.72 | 3.01 | |
| | 7.86 | | | | 0.13 |
| W1 | 0.54×1.67 | 0.36 | 0.83 | 0.17 | 0.01 |
| W2 | 0.54×1.67 | 0.68 | 0.62 | 1.27 | 0.02 |
| W3 | 1.40×0.37 | 0.20 | 0.46 | 0.10 | 0.00 |
| W4 | 1.80×0.37 | 0.26 | 0.59 | 0.12 | |
| | 0.80×0.37 | | | | 0.00 |
| W5 | 1.40×0.39 | 0.63 | 0.88 | 0.88 | 0.02 |
| W6 | 1.80×0.39 | 0.81 | 1.13 | 1.13 | |
| | 0.80×0.39 | | | | 0.01 |
| W7 | 1.40×0.41 | 0.43 | 0.39 | 0.80 | 0.02 |
| W8 | 1.80×0.41 | 0.55 | 0.50 | 1.03 | |
| | 0.80×0.41 | | | | 0.01 |
| 合　計 | | 10.76 | 11.66 | 8.80 | 0.23 |
| 検　定 | | 0.47 | 0.40 | 0.30 | 0.44 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.19 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/Y6
又X6
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 | 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| W4 | 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| | 2.10×0.28 | | | | 0.00 |
| | 2.10×0.28 | | | | 0.00 |
| 合　計 | | 0.41 | 1.44 | 1.44 | 0.01 |
| 検　定 | | 0.08 | 0.11 | 0.11 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.66 | 4.27 | 4.27 | 0.21 |
| 検　定 | 0.37 | 0.27 | 0.27 | 0.52 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.27 | 0.20 | 0.20 | 0.34 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 9.70 | 18.48 | 0.53 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.08 |
| W2 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.08 |
| W3 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| W4 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| 0.80×0.39 | | | | 0.04 |
| 0.80×0.39 | | | | 0.04 |
| 合　計 | 3.21 | 4.00 | 4.00 | 0.24 |
| 検　定 | 0.33 | 0.22 | 0.22 | 0.45 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.19 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| W4 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| 2.10×0.28 | | | | 0.00 |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.41 | 1.44 | 1.44 | 0.01 |
| 検　定 | 0.08 | 0.11 | 0.11 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.66 | 4.27 | 4.27 | 0.21 |
| 検　定 | 0.37 | 0.27 | 0.27 | 0.52 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W3 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.34 | 0.06 | 0.27 | 0.27 | |
| W5 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.34 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.22 | 0.99 | 0.99 | 0.00 |
| 検　定 | 0.04 | 0.08 | 0.08 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.13 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.13 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.13 | 0.36 | 0.36 | 0.01 |
| W2 1.40×0.39 | 0.15 | 0.41 | 0.41 | 0.01 |
| W3 1.40×0.46 | 0.18 | 0.48 | 0.48 | 0.01 |
| W4 1.80×0.39 | 0.20 | 0.53 | 0.53 | |
| W5 1.80×0.46 | 0.23 | 0.62 | 0.62 | |
| 0.80×0.39 | | | | 0.01 |
| 0.80×0.46 | | | | 0.01 |
| 合　計 | 0.90 | 2.39 | 2.39 | 0.04 |
| 検　定 | 0.18 | 0.18 | 0.18 | 0.18 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.20 | 0.43 | 0.43 | 0.02 |
| W2 1.40×0.40 | 0.23 | 0.51 | 0.51 | 0.02 |
| W3 1.40×0.40 | 0.23 | 0.51 | 0.51 | 0.02 |
| W4 1.80×0.40 | 0.30 | 0.65 | 0.65 | |
| W5 1.80×0.40 | 0.30 | 0.65 | 0.65 | |
| 0.80×0.40 | | | | 0.01 |
| 0.80×0.40 | | | | 0.01 |
| 合　計 | 1.25 | 2.75 | 2.75 | 0.09 |
| 検　定 | 0.25 | 0.21 | 0.21 | 0.30 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.20 | 0.43 | 0.43 | 0.00 |
| 合　計 | 0.20 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.40 | 0.87 | 0.87 | 0.01 |
| W2 1.40×0.40 | 0.24 | 0.51 | 0.51 | 0.01 |
| W3 1.40×0.40 | 0.24 | 0.51 | 0.51 | 0.01 |
| W4 1.80×0.40 | 0.30 | 0.66 | 0.66 | |
| W5 1.80×0.40 | 0.30 | 0.66 | 0.66 | |
| 0.80×0.40 | | | | 0.00 |
| 0.80×0.40 | | | | 0.00 |
| 合　計 | 1.48 | 3.22 | 3.22 | 0.04 |
| 検　定 | 0.15 | 0.17 | 0.17 | 0.14 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.22 | 0.65 | 0.65 | 0.00 |
| W2 1.40×0.38 | 0.12 | 0.36 | 0.36 | 0.00 |
| W3 1.40×0.38 | 0.12 | 0.36 | 0.36 | 0.00 |
| W4 1.80×0.38 | 0.16 | 0.47 | 0.47 | |
| W5 1.80×0.38 | 0.16 | 0.47 | 0.47 | |
| 0.80×0.38 | | | | 0.00 |
| 0.80×0.38 | | | | 0.00 |
| 合　計 | 0.78 | 2.30 | 2.30 | 0.01 |
| 検　定 | 0.08 | 0.12 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| W4 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| 2.10×0.28 | | | | 0.00 |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.41 | 1.44 | 1.44 | 0.01 |
| 検　定 | 0.08 | 0.11 | 0.11 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.66 | 4.27 | 4.27 | 0.21 |
| 検　定 | 0.37 | 0.27 | 0.27 | 0.52 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.47×0.41 | 1.32 | 1.26 | 1.26 | 0.09 |
| W2 1.47×0.22 | 0.70 | 0.67 | 0.67 | 0.05 |
| W3 1.80×0.41 | 1.62 | 1.54 | 1.54 | |
| W4 1.80×0.22 | 0.86 | 0.82 | 0.82 | |
| 0.80×0.41 | | | | 0.05 |
| 0.80×0.22 | | | | 0.02 |
| 合　計 | 4.50 | 4.28 | 4.28 | 0.20 |
| 検　定 | 0.23 | 0.16 | 0.16 | 0.29 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.38 | 0.47 | 0.47 | 0.04 |
| W2 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.08 |
| W3 1.80×0.22 | 0.49 | 0.61 | 0.61 | |
| W4 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| 0.80×0.22 | | | | 0.02 |
| 0.80×0.39 | | | | 0.04 |
| 合　計 | 2.47 | 3.09 | 3.09 | 0.19 |
| 検　定 | 0.25 | 0.17 | 0.17 | 0.35 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>15.0×55.0 | Ae<br>825.0<br>断面欠損有 | I<br>207969<br>×0.80 | Z<br>7563<br>×0.80 | fb<br>10.23 | fs<br>1.10 | Ma<br>61.89 | Qa<br>60.50 | δa<br>0.95 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.34 | 0.08 | 0.33 | 0.01 |
| P2 | 0.04 | 0.03 | 0.01 | 0.03 | 0.00 |
| P3 | 0.05 | 0.04 | 0.01 | 0.04 | |
| | 0.02 | | | | 0.00 |
| P4 | 0.04 | 0.03 | 0.01 | 0.03 | 0.00 |
| P5 | 0.08 | 0.07 | 0.02 | 0.07 | |
| | 0.05 | | | | 0.00 |
| P6 | 6.76 | 5.56 | 1.36 | 5.40 | 0.09 |
| P7 | 0.41 | 0.34 | 0.08 | 0.33 | 0.01 |
| P8 | 0.51 | 0.42 | 0.10 | 0.40 | |
| | 0.23 | | | | 0.00 |
| P9 | 2.41 | 1.99 | 0.49 | 1.93 | 0.03 |
| P10 | 5.27 | 4.34 | 1.06 | 4.21 | |
| | 3.46 | | | | 0.04 |
| P11 | 0.07 | 0.04 | 0.05 | 0.02 | 0.00 |
| P12 | 0.09 | 0.05 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| P13 | 0.07 | 0.07 | 0.03 | 0.05 | 0.00 |
| P14 | 0.09 | 0.10 | 0.03 | 0.06 | |
| | 0.04 | | | | 0.00 |
| W1 | 0.54×3.35 | 5.06 | 4.93 | 3.28 | 0.13 |
| W2 | 1.47×0.20 | 0.14 | 0.45 | 0.09 | 0.01 |
| W3 | 1.47×0.20 | 0.41 | 0.28 | 0.26 | 0.01 |
| W4 | 1.47×0.17 | 0.24 | 0.06 | 0.16 | 0.00 |
| W5 | 1.80×0.20 | 0.17 | 0.55 | 0.10 | |
| W6 | 1.80×0.20 | 0.50 | 0.34 | 0.31 | |
| W7 | 1.80×0.17 | 0.29 | 0.08 | 0.20 | |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.17 | | | | 0.00 |
| W8 | 1.47×0.28 | 0.19 | 0.05 | 0.42 | 0.00 |
| W9 | 1.47×0.19 | 0.13 | 0.03 | 0.28 | 0.00 |
| W10 | 3.20×0.28 | 0.41 | 0.10 | 0.90 | |
| W11 | 3.20×0.19 | 0.27 | 0.07 | 0.60 | |
| | 2.10×0.28 | | | | 0.00 |
| | 2.10×0.19 | | | | 0.00 |
| 合　計 | | 21.20 | 10.31 | 19.51 | 0.35 |
| 検　定 | | 0.34 | 0.17 | 0.32 | 0.37 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 11.00 | 1.10 | 7.13 | 15.84 | 0.42 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.21 | 0.23 | 0.36 | 0.36 | 0.02 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.21 | 0.51 | 0.83 | 0.83 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.21 | | | | 0.04 |
| 合　計 | 2.07 | 3.32 | 3.32 | 0.17 |
| 検　定 | 0.29 | 0.21 | 0.21 | 0.40 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 11.00 | 1.10 | 19.80 | 26.40 | 0.70 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

1/又
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.47×0.22 | 0.70 | 0.67 | 0.67 | 0.05 |
| W2 1.47×0.41 | 1.32 | 1.26 | 1.26 | 0.09 |
| W3 1.80×0.22 | 0.86 | 0.82 | 0.82 | |
| W4 1.80×0.41 | 1.62 | 1.54 | 1.54 | |
| 0.80×0.22 | | | | 0.02 |
| 0.80×0.41 | | | | 0.05 |
| 合　計 | 4.50 | 4.28 | 4.28 | 0.20 |
| 検　定 | 0.23 | 0.16 | 0.16 | 0.29 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.21 | 0.12 | 0.17 | 0.01 |
| P2 | 0.37 | 0.27 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.00 |
| W1 | 1.40×0.22 | 0.38 | 0.47 | 0.47 | 0.01 |
| W2 | 1.40×0.31 | 0.21 | 0.12 | 0.46 | 0.01 |
| W3 | 1.40×0.35 | 0.37 | 0.63 | 0.25 | 0.01 |
| W4 | 1.80×0.22 | 0.49 | 0.61 | 0.61 | |
| W5 | 1.80×0.31 | 0.27 | 0.16 | 0.59 | |
| W6 | 1.80×0.35 | 0.48 | 0.81 | 0.33 | |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.31 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.01 |
| 合　計 | | 2.69 | 3.09 | 3.09 | 0.06 |
| 検　定 | | 0.13 | 0.11 | 0.11 | 0.11 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.95 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.51 | 0.17 | 0.66 | 0.05 |
| P2 | 0.14 | 0.09 | 0.03 | 0.12 | 0.01 |
| P3 | 0.19 | 0.12 | 0.04 | 0.15 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.14 | 0.09 | 0.03 | 0.12 | 0.01 |
| P5 | 0.33 | 0.21 | 0.07 | 0.26 | |
| | 0.22 | | | | 0.01 |
| P6 | 0.41 | 0.26 | 0.08 | 0.33 | 0.02 |
| P7 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| P8 | 0.05 | 0.03 | 0.01 | 0.04 | |
| | 0.02 | | | | 0.00 |
| P9 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| P10 | 0.08 | 0.05 | 0.02 | 0.07 | |
| | 0.05 | | | | 0.00 |
| P11 | 0.29 | 0.24 | 0.20 | 0.09 | 0.02 |
| P12 | 0.37 | 0.31 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.01 |
| P13 | 0.07 | 0.06 | 0.05 | 0.02 | 0.01 |
| P14 | 0.09 | 0.08 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| P15 | 0.07 | 0.08 | 0.03 | 0.05 | 0.01 |
| P16 | 0.09 | 0.10 | 0.03 | 0.06 | |
| | 0.04 | | | | 0.00 |
| P17 | 0.29 | 0.32 | 0.10 | 0.19 | 0.03 |
| P18 | 0.37 | 0.42 | 0.13 | 0.24 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.20 | 0.22 | 0.45 | 0.09 | 0.02 |
| W2 | 1.47×0.35 | 0.38 | 0.77 | 0.15 | 0.04 |
| W3 | 1.47×0.20 | 0.62 | 0.28 | 0.26 | 0.05 |
| W4 | 1.47×0.35 | 1.06 | 0.48 | 0.44 | 0.09 |
| W5 | 1.47×0.17 | 0.20 | 0.06 | 0.16 | 0.02 |
| W6 | 1.47×0.23 | 0.26 | 0.09 | 0.22 | 0.02 |
| W7 | 1.80×0.20 | 0.27 | 0.55 | 0.10 | |
| W8 | 1.80×0.35 | 0.46 | 0.94 | 0.18 | |
| W9 | 1.80×0.20 | 0.76 | 0.34 | 0.31 | |
| W10 | 1.80×0.35 | 1.30 | 0.58 | 0.54 | |
| W11 | 1.80×0.17 | 0.24 | 0.08 | 0.20 | |
| W12 | 1.80×0.23 | 0.32 | 0.10 | 0.27 | |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.20 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.05 |
| | 0.80×0.17 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| W13 | 1.47×0.19 | 0.10 | 0.03 | 0.28 | 0.01 |
| W14 | 1.47×0.28 | 0.14 | 0.05 | 0.42 | 0.01 |

| | | | | | |
|---|---|---|---|---|---|
| W153.20×0.19 | 0.21 | 0.07 | 0.60 | |
| W163.20×0.28 | 0.31 | 0.10 | 0.90 | |
| 2.10×0.19 | | | | 0.01 |
| 2.10×0.28 | | | | 0.02 |
| 合　計 | 9.88 | 6.27 | 7.69 | 0.63 |
| 検　定 | 0.45 | 0.20 | 0.24 | 0.66 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 11.00 | 1.10 | 7.13 | 15.84 | 0.42 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/又
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.21 | 0.23 | 0.36 | 0.36 | 0.02 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.21 | 0.51 | 0.83 | 0.83 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.21 | | | | 0.04 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.07 | 3.32 | 3.32 | 0.17 |
| 検　定 | 0.29 | 0.21 | 0.21 | 0.40 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X0
X3

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 5.25 | 3.52 | 3.97 | 1.28 | |
| | 5.25 | | | | 0.15 |
| W1 | 0.70×1.02 | 1.42 | 1.50 | 1.50 | 0.08 |
| W2 | 1.47×0.41 | 1.20 | 1.26 | 1.26 | 0.06 |
| W3 | 1.80×0.41 | 1.46 | 1.54 | 1.54 | |
| | 0.80×0.41 | | | | 0.04 |
| 合　計 | | 7.61 | 8.26 | 5.57 | 0.32 |
| 検　定 | | 0.33 | 0.28 | 0.19 | 0.46 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X3
又X4

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.02 | 0.30 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.35 | 0.20 | 0.44 | 0.44 | 0.00 |
| W3 | 1.80×0.35 | 0.26 | 0.57 | 0.57 | |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 0.76 | 1.66 | 1.66 | 0.01 |
| 検　定 | | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.44 | 0.23 | 0.69 | 0.69 | 0.00 |
| W2 0.70×0.93 | 0.15 | 0.44 | 0.44 | 0.00 |
| 合　計 | 0.38 | 1.13 | 1.13 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.05 | 0.16 | 0.16 | 0.00 |
| W2 0.70×0.93 | 0.15 | 0.44 | 0.44 | 0.00 |
| W3 1.40×0.31 | 0.10 | 0.29 | 0.29 | 0.00 |
| W4 1.80×0.31 | 0.13 | 0.37 | 0.37 | |
| 0.80×0.31 | | | | 0.00 |
| 合　計 | 0.43 | 1.26 | 1.26 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>10.56 | fs<br>1.10 | Ma<br>42.77 | Qa<br>39.60 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| 合　計 | 0.38 | 1.65 | 1.65 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>10.56 | fs<br>1.10 | Ma<br>42.77 | Qa<br>39.60 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| 合　計 | 0.38 | 1.65 | 1.65 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

X6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.07 | 0.06 | 0.23 | 0.00 |
| P2 | 0.37 | 0.09 | 0.07 | 0.30 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.80 | 1.41 | 1.41 | 0.01 |
| W2 | 0.70×1.86 | 0.84 | 1.48 | 1.48 | 0.01 |
| W3 | 1.40×0.35 | 0.28 | 0.52 | 0.35 | 0.00 |
| W4 | 1.40×0.23 | 0.02 | 0.01 | 0.13 | 0.00 |
| W5 | 1.80×0.35 | 0.36 | 0.67 | 0.45 | |
| W6 | 1.80×0.23 | 0.02 | 0.02 | 0.17 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.48 | 4.24 | 4.51 | 0.01 |
| 検　定 | | 0.06 | 0.11 | 0.11 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

X6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P2 | 0.14 | 0.03 | 0.07 | 0.07 | 0.00 |
| P3 | 0.19 | 0.04 | 0.09 | 0.09 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.14 | 0.03 | 0.07 | 0.07 | 0.00 |
| P5 | 0.33 | 0.08 | 0.17 | 0.17 | |
| | 0.22 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.80×0.23 | 0.02 | 0.14 | 0.05 | |
| | 0.80×0.23 | | | | 0.00 |
| W5 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W6 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| | 2.10×0.23 | | | | 0.00 |
| 合　計 | | 0.72 | 2.34 | 2.41 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.06 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>10.56 | fs<br>1.10 | Ma<br>42.77 | Qa<br>39.60 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.07 | 0.43 | 0.43 | 0.00 |
| W2 0.70×1.86 | 0.08 | 0.45 | 0.45 | 0.00 |
| W3 1.40×0.31 | 0.03 | 0.15 | 0.15 | 0.00 |
| W4 3.20×0.31 | 0.06 | 0.34 | 0.34 | |
| 2.10×0.31 | | | | 0.00 |
| 合　計 | 0.23 | 1.36 | 1.36 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.39 | 0.98 | 0.98 | 0.01 |
| W2 0.70×1.86 | 0.41 | 1.03 | 1.03 | 0.01 |
| W3 1.40×0.39 | 0.17 | 0.43 | 0.43 | 0.00 |
| W4 3.20×0.39 | 0.39 | 0.99 | 0.99 | |
| 2.10×0.39 | | | | 0.00 |
| 合　計 | 1.36 | 3.43 | 3.43 | 0.02 |
| 検　定 | 0.11 | 0.16 | 0.16 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 3.20×0.35 | 0.11 | 0.50 | 0.50 | |
| 2.10×0.35 | | | | 0.00 |
| 合　計 | 0.36 | 1.57 | 1.57 | 0.00 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X9
又X9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.00 | 0.00 | 0.26 | 0.00 |
| P2 | 0.60 | 0.00 | 0.00 | 0.60 | |
| | 0.40 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.03 | 0.29 | 0.29 | 0.00 |
| W2 | 0.70×1.86 | 0.03 | 0.30 | 0.30 | 0.00 |
| W3 | 1.40×0.17 | 0.01 | 0.05 | 0.05 | 0.00 |
| W4 | 3.20×0.17 | 0.01 | 0.12 | 0.12 | |
| | 2.10×0.17 | | | | 0.00 |
| 合　計 | | 0.09 | 0.76 | 1.63 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.12 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
X0
又X0

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.74 | 0.01 | 0.10 | 0.10 | 0.00 |
| W2 | 0.70×1.86 | 0.02 | 0.24 | 0.24 | 0.00 |
| 合　計 | | 0.03 | 0.34 | 0.34 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.74 | 0.08 | 0.29 | 0.29 | 0.00 |
| W2 0.70×1.86 | 0.20 | 0.73 | 0.73 | 0.00 |
| 合　計 | 0.29 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.88 | 0.45 | 0.29 | 0.59 | 0.01 |
| P2 0.43 | 0.22 | 0.14 | 0.29 | 0.00 |
| W1 0.70×0.74 | 0.46 | 0.69 | 0.69 | 0.01 |
| W2 0.70×1.86 | 1.17 | 1.76 | 1.76 | 0.02 |
| 合　計 | 2.29 | 2.88 | 3.33 | 0.05 |
| 検　定 | 0.10 | 0.10 | 0.11 | 0.10 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/Y9
X3
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.09 | 0.40 | 0.40 | 0.01 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 23.00 | 29.04 | 0.15 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/Y9
X3
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.41 | 0.03 | 0.13 | 0.13 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.10 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.41 | 0.03 | 0.13 | 0.13 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.10 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.09 | 0.40 | 0.40 | 0.01 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y10
XO
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/XO
YO
又YO

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.59 | 0.36 | 0.79 | 0.79 | 0.00 |
| P2 | 0.67 | 0.15 | 0.33 | 0.33 | 0.00 |
| P3 | 0.86 | 0.19 | 0.43 | 0.43 | |
| | 0.38 | | | | 0.00 |
| P4 | 0.79 | 0.18 | 0.40 | 0.40 | |
| | 0.79 | | | | 0.00 |
| P5 | 2.62 | 0.60 | 1.31 | 1.31 | |
| | 2.62 | | | | 0.00 |
| P6 | 0.97 | 0.22 | 0.48 | 0.48 | |
| | 0.97 | | | | 0.00 |
| W1 | 0.46×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 | 0.70×0.03 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 1.78 | 4.06 | 4.06 | 0.00 |
| 検　定 | | 0.05 | 0.11 | 0.11 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0<br>断面欠損無 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |

1/XO
YO
又YO

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 33.53 | 36.96 | 0.15 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/XO
又YO
又Y1

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.39 | 0.18 | 1.10 | 0.29 | |
| | 1.39 | | | | 0.00 |
| P2 | 0.55 | 0.07 | 0.43 | 0.11 | 0.00 |
| P3 | 0.14 | 0.02 | 0.11 | 0.03 | 0.00 |
| P4 | 0.18 | 0.02 | 0.14 | 0.04 | |
| | 0.08 | | | | 0.00 |
| W1 | 0.46×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 | 0.70×0.05 | 0.00 | 0.01 | 0.00 | 0.00 |
| W3 | 0.70×0.93 | 0.01 | 0.11 | 0.01 | 0.00 |
| W4 | 0.70×1.77 | 0.09 | 0.35 | 0.54 | 0.00 |
| W5 | 0.70×0.93 | 0.05 | 0.18 | 0.28 | 0.00 |
| W6 | 1.40×0.18 | 0.02 | 0.07 | 0.11 | 0.00 |
| W7 | 1.80×0.18 | 0.02 | 0.09 | 0.14 | |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 0.49 | 2.61 | 1.56 | 0.00 |
| 検　定 | | 0.01 | 0.07 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0<br>断面欠損無 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |

1/X0
又Y0
又Y1

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.01 | 0.11 | 0.01 | 0.00 |
| W2 | 0.70×0.93 | 0.06 | 0.18 | 0.28 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 33.53 | 36.96 | 0.23 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X0
又Y1
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.77 | 0.84 | 1.85 | 0.92 | 0.00 |
| P2 | 3.40 | 1.03 | 2.27 | 1.13 | |
| | 1.51 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.52 | 6.20 | 4.26 | 0.00 |
| 検　定 | | 0.08 | 0.17 | 0.12 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又
Y2

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.66 | 1.82 | 1.82 | 0.01 |
| P2 | 4.47 | 2.03 | 2.24 | 2.24 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W6 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 5.04 | 7.03 | 7.03 | 0.02 |
| 検　定 | | 0.15 | 0.19 | 0.19 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.66 | 1.82 | 1.82 | 0.01 |
| P2 | 4.47 | 2.03 | 2.24 | 2.24 | |
| | 1.99 | | | | 0.01 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W6 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 5.04 | 7.03 | 7.03 | 0.03 |
| 検　定 | | 0.20 | 0.22 | 0.22 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | | 0.01 | 0.05 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y3
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.81 | 1.58 | 2.66 | 1.16 | |
| | 3.81 | | | | 0.02 |
| P2 | 2.50 | 1.36 | 1.50 | 1.00 | 0.02 |
| P3 | 3.08 | 1.68 | 1.85 | 1.23 | |
| | 1.37 | | | | 0.01 |
| P4 | 1.91 | 0.35 | 0.38 | 1.53 | 0.01 |
| P5 | 2.35 | 0.43 | 0.47 | 1.88 | |
| | 1.05 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.77 | 1.41 | 1.41 | 0.01 |
| W2 | 0.70×1.86 | 0.81 | 1.48 | 1.48 | 0.01 |
| W3 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.08 | 0.23 | 0.06 | 0.00 |
| W5 | 1.40×0.23 | 0.11 | 0.12 | 0.17 | 0.00 |
| W6 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| W7 | 1.80×0.23 | 0.10 | 0.30 | 0.07 | |
| W8 | 1.80×0.23 | 0.14 | 0.15 | 0.22 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 7.41 | 10.55 | 10.36 | 0.09 |
| 検　定 | | 0.36 | 0.36 | 0.36 | 0.24 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.22 | 0.74 | 0.74 | 0.00 |
| W2 0.70×0.93 | 0.12 | 0.39 | 0.39 | 0.00 |
| W3 1.40×0.28 | 0.07 | 0.23 | 0.23 | 0.00 |
| W4 1.80×0.28 | 0.09 | 0.30 | 0.30 | |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.50 | 1.67 | 1.67 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.12 | 0.39 | 0.39 | 0.00 |
| 合　計 | 0.12 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.07 | 0.18 | 0.18 | 0.00 |
| W2 0.70×0.93 | 0.19 | 0.50 | 0.50 | 0.00 |
| W3 1.40×0.16 | 0.02 | 0.11 | 0.03 | 0.00 |
| W4 1.40×0.23 | 0.06 | 0.09 | 0.20 | 0.00 |
| W5 1.80×0.16 | 0.02 | 0.14 | 0.04 | |
| W6 1.80×0.23 | 0.08 | 0.11 | 0.26 | |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.45 | 1.12 | 1.20 | 0.01 |
| 検　定 | 0.04 | 0.05 | 0.06 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.09 | 0.15 | 0.11 | 0.00 |
| P2 | 0.33 | 0.12 | 0.20 | 0.14 | |
| | 0.15 | | | | 0.00 |
| W1 | 0.70×1.44 | 0.29 | 0.77 | 0.77 | 0.01 |
| W2 | 0.70×0.93 | 0.18 | 0.50 | 0.50 | 0.00 |
| 合　計 | | 0.69 | 1.62 | 1.51 | 0.01 |
| 検　定 | | 0.06 | 0.08 | 0.07 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y5

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.44 | 0.10 | 0.46 | 0.46 | 0.00 |
| W2 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.17 | 0.75 | 0.75 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.73 | 0.73 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.10 | 0.21 | 0.21 | 0.01 |
| W2 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.03 |
| W3 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.02 |
| W4 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.81 | 1.77 | 1.77 | 0.07 |
| 検　定 | 0.16 | 0.13 | 0.13 | 0.21 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 6.85 | 3.12 | 3.43 | 3.43 | |
| | 5.51 | | | | 0.05 |
| W1 | 0.70×1.44 | 0.42 | 0.92 | 0.92 | 0.01 |
| W2 | 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.01 |
| 合　計 | | 3.80 | 4.93 | 4.93 | 0.06 |
| 検　定 | | 0.30 | 0.23 | 0.23 | 0.21 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.44 | 0.10 | 0.46 | 0.46 | 0.00 |
| W2 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.17 | 0.75 | 0.75 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.73 | 0.73 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y6

Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.10 | 0.21 | 0.21 | 0.01 |
| W2 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.03 |
| W3 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.02 |
| W4 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.81 | 1.77 | 1.77 | 0.07 |
| 検　定 | 0.16 | 0.13 | 0.13 | 0.21 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y6
Y7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.44 | 0.42 | 0.92 | 0.92 | 0.01 |
| W2 | 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.01 |
| 合　計 | | 0.69 | 1.51 | 1.51 | 0.02 |
| 検　定 | | 0.05 | 0.07 | 0.07 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y7
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.92 | 0.58 | 0.64 | 1.28 | 0.00 |
| P2 | 2.35 | 0.71 | 0.78 | 1.57 | |
| | 1.05 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.19 | 0.10 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W5 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| W6 | 1.80×0.12 | 0.01 | 0.02 | 0.08 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 1.95 | 3.63 | 4.94 | 0.01 |
| 検　定 | | 0.09 | 0.12 | 0.17 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>20.70 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又
Y9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.88 | 0.57 | 0.63 | 1.26 | |
| | 1.88 | | | | 0.00 |
| P2 | 1.50 | 0.45 | 0.50 | 1.00 | 0.00 |
| P3 | 1.26 | 0.38 | 0.42 | 0.84 | 0.00 |
| P4 | 1.54 | 0.47 | 0.51 | 1.03 | |
| | 0.68 | | | | 0.00 |
| P5 | 3.97 | 1.21 | 1.32 | 2.65 | |
| | 3.97 | | | | 0.01 |
| W1 | 0.46×0.06 | 0.00 | 0.00 | 0.01 | 0.00 |
| W2 | 0.70×0.75 | 0.04 | 0.04 | 0.20 | 0.00 |
| W3 | 0.70×1.86 | 0.09 | 0.10 | 0.49 | 0.00 |
| W4 | 0.70×1.77 | 0.17 | 0.75 | 0.38 | 0.00 |
| W5 | 0.70×1.86 | 0.18 | 0.79 | 0.39 | 0.00 |
| W6 | 1.40×0.23 | 0.04 | 0.19 | 0.10 | 0.00 |
| W7 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.66 | 5.50 | 8.45 | 0.02 |
| 検　定 | | 0.18 | 0.19 | 0.29 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| 合　計 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y10

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| 合　計 | 0.00 | 0.01 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.06 | 0.19 | 0.19 | 0.00 |
| W2 1.40×0.28 | 0.07 | 0.23 | 0.23 | 0.00 |
| W3 1.80×0.23 | 0.07 | 0.24 | 0.24 | |
| W4 1.80×0.28 | 0.09 | 0.30 | 0.30 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.29 | 0.97 | 0.97 | 0.01 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.09 | 0.15 | 0.11 | 0.00 |
| P2 | 0.33 | 0.12 | 0.20 | 0.14 | |
| | 0.15 | | | | 0.00 |
| P3 | 0.19 | 0.07 | 0.11 | 0.08 | 0.00 |
| P4 | 1.57 | 0.57 | 0.93 | 0.64 | 0.00 |
| P5 | 2.02 | 0.73 | 1.20 | 0.82 | |
| | 0.90 | | | | 0.00 |
| W1 | 1.40×0.16 | 0.02 | 0.11 | 0.03 | 0.00 |
| W2 | 1.40×0.16 | 0.02 | 0.11 | 0.03 | 0.00 |
| W3 | 1.40×0.23 | 0.05 | 0.09 | 0.20 | 0.00 |
| W4 | 1.40×0.23 | 0.05 | 0.09 | 0.20 | 0.00 |
| W5 | 1.80×0.16 | 0.03 | 0.14 | 0.04 | |
| W6 | 1.80×0.16 | 0.03 | 0.14 | 0.04 | |
| W7 | 1.80×0.23 | 0.07 | 0.11 | 0.26 | |
| W8 | 1.80×0.23 | 0.07 | 0.11 | 0.26 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 1.94 | 3.49 | 2.83 | 0.01 |
| 検　定 | | 0.12 | 0.13 | 0.11 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.83 | 0.83 | 0.92 | 0.92 | 0.02 |
| P2 | 2.36 | 1.07 | 1.18 | 1.18 | |
| | 1.05 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W2 | 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.01 |
| W3 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W4 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W5 | 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| W6 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.34 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.65 | 3.73 | 3.73 | 0.04 |
| 検　定 | | 0.23 | 0.18 | 0.18 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y6

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y6

Y7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.83 | 0.83 | 0.92 | 0.92 | 0.02 |
| P2 | 2.36 | 1.07 | 1.18 | 1.18 | |
| | 1.05 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W3 | 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.01 |
| W4 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W6 | 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.34 | | | | 0.00 |
| 合　計 | | 2.65 | 3.73 | 3.73 | 0.04 |
| 検　定 | | 0.23 | 0.18 | 0.18 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 10.14 | 21.12 | 0.23 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X1
又Y0
又Y1

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.78 | 0.61 | 0.94 | 0.84 | |
| | 1.78 | | | | 0.01 |
| P2 | 0.63 | 0.21 | 0.33 | 0.30 | 0.00 |
| P3 | 0.17 | 0.06 | 0.09 | 0.08 | 0.00 |
| P4 | 0.22 | 0.08 | 0.12 | 0.10 | |
| | 0.10 | | | | 0.00 |
| P5 | 0.55 | 0.19 | 0.29 | 0.26 | 0.00 |
| P6 | 0.14 | 0.05 | 0.07 | 0.07 | 0.00 |
| P7 | 0.18 | 0.06 | 0.09 | 0.08 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W2 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W3 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| W4 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 1.39 | 2.15 | 2.34 | 0.02 |
| 検　定 | | 0.14 | 0.10 | 0.11 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.20 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又X1
Y4
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.06 | 0.19 | 0.19 | 0.00 |
| W2 | 1.40×0.29 | 0.07 | 0.24 | 0.24 | 0.00 |
| W3 | 1.80×0.23 | 0.07 | 0.24 | 0.24 | |
| W4 | 1.80×0.29 | 0.09 | 0.31 | 0.31 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.29 | | | | 0.00 |
| 合　計 | | 0.29 | 0.97 | 0.97 | 0.01 |
| 検　定 | | 0.06 | 0.07 | 0.07 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又Y0
又Y1

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.42 | 2.52 | 3.91 | 3.50 | |
| | 7.42 | | | | 0.01 |
| P2 | 1.64 | 0.56 | 0.86 | 0.77 | 0.00 |
| P3 | 0.60 | 0.20 | 0.32 | 0.28 | 0.00 |
| P4 | 0.77 | 0.26 | 0.41 | 0.36 | |
| | 0.34 | | | | 0.00 |
| P5 | 0.63 | 0.21 | 0.33 | 0.30 | 0.00 |
| P6 | 0.17 | 0.06 | 0.09 | 0.08 | 0.00 |
| P7 | 0.22 | 0.08 | 0.12 | 0.10 | |
| | 0.10 | | | | 0.00 |
| W1 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W2 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W3 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| W4 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 4.03 | 6.25 | 6.02 | 0.02 |
| 検　定 | | 0.22 | 0.22 | 0.21 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | 0.04 | 0.10 | 0.10 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | 0.04 | 0.10 | 0.10 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.08 |
| | | | 断面欠損無 | | | | | | | | |

1/又

Y4

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.20 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又

Y4

又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.29 | 0.07 | 0.24 | 0.24 | 0.00 |
| W2 1.40×0.29 | 0.07 | 0.24 | 0.24 | 0.00 |
| W3 1.80×0.29 | 0.09 | 0.31 | 0.31 | |
| W4 1.80×0.29 | 0.09 | 0.31 | 0.31 | |
| 0.80×0.29 | | | | 0.00 |
| 0.80×0.29 | | | | 0.00 |
| 合　計 | 0.32 | 1.09 | 1.09 | 0.01 |
| 検　定 | 0.07 | 0.08 | 0.08 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
YO
又YO

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又Y1
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2
Y4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.11 | 0.15 | 0.26 | 0.00 |
| P2 | 2.51 | 0.69 | 0.94 | 1.57 | |
| | 1.81 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.06 | 0.08 | 0.33 | 0.00 |
| W2 | 1.40×0.35 | 0.02 | 0.03 | 0.08 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W4 | 1.80×0.35 | 0.03 | 0.04 | 0.10 | |
| W5 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W6 | 1.40×0.19 | 0.03 | 0.14 | 0.06 | 0.00 |
| W7 | 1.40×0.27 | 0.03 | 0.07 | 0.07 | 0.00 |
| W8 | 1.40×0.23 | 0.02 | 0.03 | 0.12 | 0.00 |
| W9 | 1.40×0.32 | 0.05 | 0.23 | 0.10 | 0.00 |
| W10 | 1.80×0.19 | 0.04 | 0.17 | 0.08 | |
| W11 | 1.80×0.27 | 0.04 | 0.10 | 0.08 | |
| W12 | 1.80×0.23 | 0.02 | 0.03 | 0.15 | |
| W13 | 1.80×0.32 | 0.06 | 0.29 | 0.13 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.32 | | | | 0.00 |
| 合　計 | | 1.22 | 2.34 | 3.26 | 0.01 |
| 検　定 | | 0.10 | 0.11 | 0.15 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| W4 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.09 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2

Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y3
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.50 | 0.95 | 1.05 | 1.45 | 0.01 |
| P2 | 3.08 | 1.18 | 1.29 | 1.78 | |
| | 1.37 | | | | 0.00 |
| P3 | 1.75 | 0.67 | 0.74 | 1.02 | 0.00 |
| P4 | 2.25 | 0.86 | 0.95 | 1.31 | |
| | 1.00 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.28 | 0.74 | 0.74 | 0.00 |
| W2 | 0.54×1.67 | 0.27 | 0.71 | 0.71 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W4 | 1.40×0.27 | 0.05 | 0.05 | 0.19 | 0.00 |
| W5 | 1.80×0.23 | 0.07 | 0.26 | 0.11 | |
| W6 | 1.80×0.27 | 0.06 | 0.07 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| W7 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W8 | 1.40×0.27 | 0.05 | 0.05 | 0.19 | 0.00 |
| W9 | 1.80×0.23 | 0.07 | 0.26 | 0.11 | |
| W10 | 1.80×0.27 | 0.06 | 0.07 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 4.69 | 6.65 | 8.27 | 0.02 |
| 検　定 | | 0.21 | 0.21 | 0.26 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.12 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X3
又
Y4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.91 | 0.29 | 1.23 | 0.68 | 0.00 |
| P2 | 2.35 | 0.36 | 1.52 | 0.83 | |
| | 1.05 | | | | 0.00 |
| P3 | 1.35 | 0.21 | 0.87 | 0.48 | 0.00 |
| P4 | 1.74 | 0.27 | 1.12 | 0.62 | |
| | 0.77 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.06 | 0.33 | 0.33 | 0.00 |
| W2 | 0.54×1.67 | 0.05 | 0.32 | 0.32 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W4 | 1.40×0.13 | 0.00 | 0.04 | 0.01 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.03 | 0.06 | |
| W6 | 1.80×0.13 | 0.00 | 0.05 | 0.01 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| W7 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W8 | 1.40×0.13 | 0.00 | 0.04 | 0.01 | 0.00 |
| W9 | 1.80×0.12 | 0.01 | 0.03 | 0.06 | |
| W10 | 1.80×0.13 | 0.00 | 0.05 | 0.01 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 1.28 | 5.67 | 3.52 | 0.00 |
| 検　定 | | 0.06 | 0.18 | 0.11 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y4
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.08 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.08 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.11 | 0.15 | 0.26 | 0.00 |
| P2 | 1.00 | 0.27 | 0.37 | 0.62 | 0.00 |
| P3 | 4.15 | 1.13 | 1.56 | 2.60 | |
| | 3.22 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.08 | 0.28 | 0.28 | 0.00 |
| W2 | 0.54×1.67 | 0.06 | 0.08 | 0.33 | 0.00 |
| W3 | 0.54×1.67 | 0.10 | 0.47 | 0.21 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W5 | 1.40×0.35 | 0.02 | 0.03 | 0.08 | 0.00 |
| W6 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W7 | 1.80×0.35 | 0.03 | 0.04 | 0.10 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| W8 | 1.40×0.44 | 0.03 | 0.04 | 0.10 | 0.00 |
| W9 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W10 | 1.80×0.44 | 0.04 | 0.05 | 0.13 | |
| W11 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W12 | 1.40×0.27 | 0.03 | 0.07 | 0.07 | 0.00 |
| W13 | 1.40×0.19 | 0.03 | 0.14 | 0.06 | 0.00 |
| W14 | 1.80×0.27 | 0.04 | 0.10 | 0.08 | |
| W15 | 1.80×0.19 | 0.04 | 0.17 | 0.08 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| W16 | 1.40×0.19 | 0.03 | 0.14 | 0.06 | 0.00 |
| W17 | 1.40×0.37 | 0.04 | 0.10 | 0.09 | 0.00 |
| W18 | 1.80×0.19 | 0.04 | 0.17 | 0.08 | |
| W19 | 1.80×0.37 | 0.05 | 0.13 | 0.12 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| 合　計 | | 2.21 | 4.15 | 5.61 | 0.00 |
| 検　定 | | 0.08 | 0.13 | 0.18 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.89 | B×D<br>15.0×80.0 | Ae<br>1200.0<br>断面欠損有 | I<br>640000<br>×0.80 | Z<br>16000<br>×0.80 | fb<br>10.77 | fs<br>1.10 | Ma<br>137.84 | Qa<br>88.00 | δa<br>1.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 9.50 | 14.00 | 4.10 | 5.39 | |
| | 6.30 | | | | 0.06 |
| P2 | 7.39 | 5.55 | 5.70 | 1.69 | |
| | 5.67 | | | | 0.04 |
| P3 | 11.48 | 8.94 | 2.62 | 8.86 | |
| | 7.81 | | | | 0.05 |
| P4 | 0.28 | 0.41 | 0.12 | 0.16 | 0.00 |
| P5 | 0.36 | 0.53 | 0.16 | 0.20 | |
| | 0.16 | | | | 0.00 |
| P6 | 0.50 | 0.15 | 0.46 | 0.05 | 0.00 |
| P7 | 1.57 | 0.48 | 1.43 | 0.15 | 0.00 |
| P8 | 2.02 | 0.61 | 1.83 | 0.19 | |
| | 0.90 | | | | 0.00 |
| P9 | 1.83 | 0.58 | 0.17 | 1.66 | 0.01 |
| P10 | 2.36 | 0.74 | 0.22 | 2.14 | |
| | 1.05 | | | | 0.00 |
| P11 | 1.83 | 2.28 | 0.67 | 1.16 | 0.02 |
| P12 | 2.36 | 2.93 | 0.86 | 1.50 | |
| | 1.05 | | | | 0.01 |
| P13 | 1.83 | 1.43 | 0.42 | 1.41 | 0.01 |
| P14 | 2.36 | 1.83 | 0.54 | 1.82 | |
| | 1.05 | | | | 0.01 |
| P15 | 1.83 | 3.01 | 0.92 | 0.92 | 0.02 |
| P16 | 2.36 | 3.87 | 1.18 | 1.18 | |
| | 1.05 | | | | 0.01 |
| P17 | 1.09 | 1.31 | 0.69 | 0.40 | 0.01 |
| P18 | 1.83 | 2.19 | 1.16 | 0.67 | 0.02 |
| P19 | 2.36 | 2.82 | 1.50 | 0.86 | |
| | 1.05 | | | | 0.01 |
| P20 | 0.03 | 0.04 | 0.02 | 0.01 | |
| | 0.03 | | | | 0.00 |
| P21 | 1.93 | 2.32 | 1.23 | 0.70 | |
| | 1.62 | | | | 0.01 |
| P22 | 1.88 | 2.25 | 1.19 | 0.68 | |
| | 1.40 | | | | 0.01 |
| P23 | 1.31 | 0.98 | 1.01 | 0.30 | 0.01 |
| P24 | 1.83 | 1.37 | 1.41 | 0.42 | 0.01 |
| P25 | 2.36 | 1.77 | 1.82 | 0.54 | |
| | 1.05 | | | | 0.01 |
| P26 | 5.49 | 4.12 | 4.23 | 1.25 | |
| | 4.17 | | | | 0.03 |
| P27 | 1.71 | 0.52 | 1.56 | 0.16 | 0.00 |
| P28 | 2.38 | 0.73 | 2.16 | 0.22 | 0.01 |
| P29 | 3.07 | 0.93 | 2.78 | 0.28 | |
| | 1.36 | | | | 0.00 |
| P30 | 3.97 | 1.21 | 3.60 | 0.37 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 3.30 | | | 0.01 |
| | | P31 | 0.23 | 0.07 | 0.21 | 0.02 |
| | | | 0.14 | | | 0.00 |
| | | P32 | 0.37 | 0.11 | 0.34 | 0.03 |
| | | | 0.24 | | | 0.00 |
| | | P33 | 1.36 | 1.02 | 1.05 | 0.31 | 0.01 |
| | | P34 | 1.75 | 1.32 | 1.35 | 0.40 | 0.01 |
| | | P35 | 2.25 | 1.69 | 1.74 | 0.51 |
| | | | 1.00 | | | 0.01 |
| | | P36 | 2.04 | 1.53 | 1.57 | 0.47 |
| | | | 1.60 | | | 0.01 |
| | | P37 | 0.37 | 0.28 | 0.29 | 0.09 |
| | | | 0.24 | | | 0.00 |
| | | P38 | 0.54 | 0.64 | 0.34 | 0.20 | 0.00 |
| | | P39 | 1.75 | 2.10 | 1.11 | 0.64 | 0.02 |
| | | P40 | 2.25 | 2.70 | 1.43 | 0.82 |
| | | | 1.00 | | | 0.01 |
| | | P41 | 0.64 | 0.77 | 0.41 | 0.23 |
| | | | 0.40 | | | 0.00 |
| | | P42 | 3.86 | 4.62 | 2.46 | 1.41 |
| | | | 3.34 | | | 0.03 |
| | | P43 | 1.16 | 1.90 | 0.58 | 0.58 | 0.01 |
| | | P44 | 1.69 | 2.77 | 0.84 | 0.84 | 0.02 |
| | | P45 | 2.17 | 3.56 | 1.08 | 1.08 |
| | | | 0.96 | | | 0.01 |
| | | P46 | 2.61 | 4.29 | 1.31 | 1.31 |
| | | | 2.02 | | | 0.02 |
| | | P47 | 0.35 | 0.58 | 0.18 | 0.18 |
| | | | 0.27 | | | 0.00 |
| | | P48 | 0.81 | 1.00 | 0.29 | 0.51 | 0.01 |
| | | P49 | 1.66 | 2.07 | 0.61 | 1.06 | 0.02 |
| | | P50 | 2.14 | 2.66 | 0.78 | 1.36 |
| | | | 0.95 | | | 0.01 |
| | | P51 | 0.35 | 0.44 | 0.13 | 0.23 |
| | | | 0.27 | | | 0.00 |
| | | P52 | 1.98 | 1.55 | 0.45 | 1.53 | 0.01 |
| | | P53 | 1.73 | 1.35 | 0.39 | 1.33 | 0.01 |
| | | P54 | 2.22 | 1.73 | 0.51 | 1.72 |
| | | | 0.99 | | | 0.01 |
| | | P55 | 5.72 | 4.46 | 1.31 | 4.42 |
| | | | 5.15 | | | 0.03 |
| | | P56 | 1.75 | 0.55 | 0.16 | 1.59 | 0.00 |
| | | P57 | 2.25 | 0.71 | 0.21 | 2.04 |
| | | | 1.00 | | | 0.00 |
| | | W1 | 0.54×1.76 | 5.31 | 3.17 | 3.17 | 0.04 |
| | | W2 | 0.54×1.67 | 0.54 | 0.16 | 1.22 | 0.00 |
| | | W3 | 0.54×1.67 | 0.52 | 1.22 | 0.16 | 0.00 |
| | | W4 | 1.55×0.27 | 0.04 | 0.01 | 0.24 | 0.00 |
| | | W5 | 1.55×0.23 | 0.46 | 0.18 | 0.14 | 0.00 |
| | | W6 | 1.55×0.23 | 0.47 | 0.14 | 0.18 | 0.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | W7 1.55×0.23 | 0.32 | 0.10 | 0.23 | 0.00 |
| | | W8 1.55×0.23 | 0.18 | 0.05 | 0.27 | 0.00 |
| | | W9 1.55×0.12 | 0.11 | 0.03 | 0.05 | 0.00 |
| | | W101.55×0.23 | 0.32 | 0.10 | 0.23 | 0.00 |
| | | W111.55×0.23 | 0.46 | 0.18 | 0.14 | 0.00 |
| | | W121.55×0.12 | 0.13 | 0.04 | 0.04 | 0.00 |
| | | W131.55×0.23 | 0.31 | 0.23 | 0.10 | 0.00 |
| | | W141.55×0.23 | 0.31 | 0.23 | 0.10 | 0.00 |
| | | W151.80×0.27 | 0.05 | 0.01 | 0.28 | |
| | | W161.80×0.23 | 0.53 | 0.21 | 0.16 | |
| | | W171.80×0.23 | 0.55 | 0.16 | 0.21 | |
| | | W181.80×0.23 | 0.38 | 0.11 | 0.26 | |
| | | W191.80×0.23 | 0.20 | 0.06 | 0.31 | |
| | | W201.80×0.12 | 0.13 | 0.04 | 0.06 | |
| | | W211.80×0.23 | 0.38 | 0.11 | 0.26 | |
| | | W221.80×0.23 | 0.53 | 0.21 | 0.16 | |
| | | W231.80×0.12 | 0.15 | 0.04 | 0.05 | |
| | | W241.80×0.23 | 0.36 | 0.26 | 0.11 | |
| | | W251.80×0.23 | 0.36 | 0.26 | 0.11 | |
| | | 0.80×0.27 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.12 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.12 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W261.55×0.27 | 0.04 | 0.01 | 0.24 | 0.00 |
| | | W271.55×0.23 | 0.18 | 0.05 | 0.27 | 0.00 |
| | | W281.80×0.27 | 0.05 | 0.01 | 0.28 | |
| | | W291.80×0.23 | 0.20 | 0.06 | 0.31 | |
| | | 0.80×0.27 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W301.55×0.16 | 0.02 | 0.14 | 0.01 | 0.00 |
| | | W311.55×0.23 | 0.17 | 0.27 | 0.05 | 0.00 |
| | | W321.80×0.16 | 0.03 | 0.17 | 0.01 | |
| | | W331.80×0.23 | 0.20 | 0.31 | 0.06 | |
| | | 0.80×0.16 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W341.55×0.16 | 0.02 | 0.14 | 0.01 | 0.00 |
| | | W351.55×0.23 | 0.17 | 0.27 | 0.05 | 0.00 |
| | | W361.80×0.16 | 0.03 | 0.17 | 0.01 | |
| | | W371.80×0.23 | 0.20 | 0.31 | 0.06 | |
| | | 0.80×0.16 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 合　計 | 130.75 | 76.10 | 69.81 | 0.75 |
| | | | | | | 検　定 | 0.95 | 0.86 | 0.79 | 0.67 |
| | | | | | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| | | | | | | 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通 | 材種 | E | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 支点 | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 23.00 | 29.04 | 0.05 |
| | 係数 | 0.96 | | 断面欠損無 | | | | | | | |

1/X３
又
Ｙ７

W

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.14 | 0.14 | 0.00 |
| W2 0.54×1.67 | 0.01 | 0.13 | 0.13 | 0.00 |
| W3 1.40×0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| W4 1.80×0.15 | 0.00 | 0.04 | 0.04 | |
| 0.80×0.15 | | | | 0.00 |
| W5 1.40×0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| W6 1.80×0.15 | 0.00 | 0.04 | 0.04 | |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 0.03 | 0.40 | 0.40 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y7
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.03 | 0.58 | 0.49 | 0.54 | |
| | 1.03 | | | | 0.01 |
| P2 | 1.92 | 0.91 | 0.77 | 1.15 | 0.01 |
| P3 | 2.35 | 1.11 | 0.94 | 1.41 | |
| | 1.05 | | | | 0.01 |
| P4 | 1.35 | 0.64 | 0.54 | 0.81 | 0.01 |
| P5 | 1.74 | 0.82 | 0.69 | 1.04 | |
| | 0.77 | | | | 0.01 |
| P6 | 1.92 | 0.84 | 1.15 | 0.77 | 0.01 |
| P7 | 2.35 | 1.03 | 1.41 | 0.94 | |
| | 1.05 | | | | 0.01 |
| P8 | 1.35 | 0.59 | 0.81 | 0.54 | 0.01 |
| P9 | 1.74 | 0.76 | 1.04 | 0.69 | |
| | 0.77 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.61 | 1.08 | 1.08 | 0.01 |
| W2 | 0.54×1.67 | 0.31 | 0.79 | 0.28 | 0.01 |
| W3 | 0.54×1.67 | 0.28 | 0.23 | 0.75 | 0.00 |
| W4 | 1.40×0.23 | 0.06 | 0.23 | 0.06 | 0.00 |
| W5 | 1.40×0.12 | 0.04 | 0.04 | 0.04 | 0.00 |
| W6 | 1.40×0.23 | 0.07 | 0.06 | 0.23 | 0.00 |
| W7 | 1.80×0.23 | 0.08 | 0.30 | 0.07 | |
| W8 | 1.80×0.12 | 0.05 | 0.05 | 0.05 | |
| W9 | 1.80×0.23 | 0.09 | 0.07 | 0.30 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W10 | 1.40×0.12 | 0.04 | 0.04 | 0.04 | 0.00 |
| W11 | 1.40×0.23 | 0.07 | 0.06 | 0.23 | 0.00 |
| W12 | 1.40×0.23 | 0.06 | 0.23 | 0.06 | 0.00 |
| W13 | 1.80×0.12 | 0.05 | 0.05 | 0.05 | |
| W14 | 1.80×0.23 | 0.09 | 0.07 | 0.30 | |
| W15 | 1.80×0.23 | 0.08 | 0.30 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 9.25 | 11.44 | 11.49 | 0.12 |
| 検　定 | | 0.50 | 0.39 | 0.40 | 0.31 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y8
Y9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.02 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損有 | I<br>19683<br>×0.80 | Z<br>1458<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.83 | Qa<br>23.76 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X3
又Y0
又Y1

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 8.84 | 3.01 | 4.66 | 4.18 | |
| | 8.84 | | | | 0.03 |
| P2 | 0.74 | 0.25 | 0.39 | 0.35 | 0.00 |
| P3 | 0.22 | 0.07 | 0.12 | 0.10 | 0.00 |
| P4 | 0.28 | 0.10 | 0.15 | 0.13 | |
| | 0.13 | | | | 0.00 |
| P5 | 1.64 | 0.56 | 0.86 | 0.77 | 0.01 |
| P6 | 0.60 | 0.20 | 0.32 | 0.28 | 0.00 |
| P7 | 0.77 | 0.26 | 0.41 | 0.36 | |
| | 0.34 | | | | 0.00 |
| W1 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W2 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W3 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| W4 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 4.59 | 7.12 | 6.79 | 0.04 |
| 検　定 | | 0.36 | 0.30 | 0.29 | 0.18 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.16 | 0.18 | 0.35 | 0.01 |
| P2 | 1.00 | 0.37 | 0.59 | 0.41 | 0.02 |
| P3 | 6.74 | 0.00 | 6.74 | 0.00 | |
| | 5.86 | | | | 0.00 |
| P4 | 0.31 | 0.10 | 0.11 | 0.21 | 0.01 |
| P5 | 0.40 | 0.12 | 0.14 | 0.26 | |
| | 0.18 | | | | 0.00 |
| P6 | 0.42 | 0.19 | 0.21 | 0.21 | 0.01 |
| P7 | 0.38 | 0.17 | 0.19 | 0.19 | 0.01 |
| P8 | 0.49 | 0.22 | 0.24 | 0.24 | |
| | 0.22 | | | | 0.01 |
| W1 | 0.54×1.67 | 0.09 | 0.10 | 0.46 | 0.01 |
| W2 | 0.54×1.67 | 0.16 | 0.19 | 0.22 | 0.01 |
| W3 | 1.40×0.27 | 0.04 | 0.04 | 0.19 | 0.00 |
| W4 | 1.80×0.27 | 0.05 | 0.05 | 0.25 | |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.03 | 0.03 | 0.04 | 0.00 |
| W6 | 1.40×0.44 | 0.06 | 0.07 | 0.07 | 0.00 |
| W7 | 1.40×0.16 | 0.02 | 0.02 | 0.11 | 0.00 |
| W8 | 1.80×0.12 | 0.04 | 0.04 | 0.05 | |
| W9 | 1.80×0.44 | 0.08 | 0.09 | 0.08 | |
| W10 | 1.80×0.16 | 0.03 | 0.03 | 0.14 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| W11 | 1.40×0.26 | 0.05 | 0.22 | 0.06 | 0.00 |
| W12 | 1.40×0.08 | 0.01 | 0.01 | 0.01 | 0.00 |
| W13 | 1.40×0.15 | 0.02 | 0.02 | 0.03 | 0.00 |
| W14 | 1.40×0.37 | 0.05 | 0.13 | 0.06 | 0.00 |
| W15 | 1.40×0.19 | 0.04 | 0.16 | 0.04 | 0.00 |
| W16 | 1.80×0.26 | 0.07 | 0.28 | 0.07 | |
| W17 | 1.80×0.08 | 0.01 | 0.01 | 0.01 | |
| W18 | 1.80×0.15 | 0.03 | 0.03 | 0.04 | |
| W19 | 1.80×0.37 | 0.07 | 0.17 | 0.08 | |
| W20 | 1.80×0.19 | 0.05 | 0.20 | 0.05 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.08 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| 合　計 | | 2.31 | 10.30 | 3.93 | 0.12 |
| 検　定 | | 0.41 | 0.65 | 0.25 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/

Ｙ５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| W4 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | | 0.05 | 0.08 | 0.08 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損有 | I<br>19683<br>×0.90 | Z<br>1458<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>14.43 | Qa<br>23.76 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.08 | 0.25 | 0.54 | 0.54 | |
| | 0.83 | | | | 0.00 |
| P2 | 0.28 | 0.06 | 0.14 | 0.14 | 0.00 |
| P3 | 0.36 | 0.08 | 0.18 | 0.18 | |
| | 0.16 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.05 | 0.31 | 0.10 | 0.00 |
| W2 | 0.54×1.67 | 0.05 | 0.10 | 0.31 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W6 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W7 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W8 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.60 | 1.77 | 1.77 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X4
YO
又Y1

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.74 | 0.13 | 0.29 | 0.45 | 0.00 |
| P2 | 0.22 | 0.04 | 0.09 | 0.13 | 0.00 |
| P3 | 0.28 | 0.05 | 0.11 | 0.17 | |
| | 0.13 | | | | 0.00 |
| P4 | 1.48 | 0.51 | 1.11 | 0.37 | 0.00 |
| P5 | 0.62 | 0.21 | 0.47 | 0.16 | 0.00 |
| P6 | 0.80 | 0.27 | 0.60 | 0.20 | |
| | 0.36 | | | | 0.00 |
| P7 | 0.14 | 0.05 | 0.11 | 0.04 | |
| | 0.14 | | | | 0.00 |
| P8 | 1.29 | 0.44 | 0.97 | 0.32 | |
| | 1.29 | | | | 0.00 |
| P9 | 3.69 | 1.26 | 2.77 | 0.92 | |
| | 3.69 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.29 | 0.86 | 0.86 | 0.00 |
| W2 | 1.40×0.07 | 0.01 | 0.01 | 0.05 | 0.00 |
| W3 | 1.40×0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| W4 | 1.40×0.18 | 0.02 | 0.04 | 0.15 | 0.00 |
| W5 | 1.80×0.07 | 0.01 | 0.02 | 0.06 | |
| W6 | 1.80×0.04 | 0.00 | 0.00 | 0.00 | |
| W7 | 1.80×0.18 | 0.02 | 0.05 | 0.19 | |
| | 0.80×0.07 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 3.31 | 7.49 | 4.07 | 0.01 |
| 検　定 | | 0.09 | 0.19 | 0.10 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 10.56 | 1.10 | 38.49 | 39.60 | 0.23 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
又Y1
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.77 | 0.84 | 1.85 | 0.92 | 0.00 |
| P2 | 3.40 | 1.03 | 2.27 | 1.13 | |
| | 1.51 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W4 | 1.40×0.43 | 0.12 | 0.40 | 0.40 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| W7 | 1.80×0.43 | 0.16 | 0.52 | 0.52 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.43 | | | | 0.00 |
| 合　計 | | 2.47 | 6.04 | 4.09 | 0.00 |
| 検　定 | | 0.06 | 0.15 | 0.10 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 10.56 | 1.10 | 38.49 | 39.60 | 0.23 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.16 | 1.27 | 2.36 | 0.00 |
| P2 | 4.47 | 1.42 | 1.57 | 2.91 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.21 | 0.66 | 0.66 | 0.00 |
| W2 | 1.40×0.23 | 0.05 | 0.20 | 0.09 | 0.00 |
| W3 | 1.40×0.25 | 0.03 | 0.03 | 0.14 | 0.00 |
| W4 | 1.40×0.53 | 0.16 | 0.51 | 0.51 | 0.00 |
| W5 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| W6 | 1.80×0.25 | 0.03 | 0.04 | 0.18 | |
| W7 | 1.80×0.53 | 0.21 | 0.66 | 0.66 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.25 | | | | 0.00 |
| | 0.80×0.53 | | | | 0.00 |
| 合　計 | | 3.33 | 5.18 | 7.63 | 0.00 |
| 検　定 | | 0.09 | 0.13 | 0.19 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 10.56 | 1.10 | 38.49 | 39.60 | 0.22 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
又
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.01 | 2.49 | 1.15 | 0.00 |
| P2 | 4.47 | 1.24 | 3.06 | 1.41 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.19 | 0.63 | 0.63 | 0.00 |
| W2 | 1.40×0.21 | 0.02 | 0.10 | 0.02 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W4 | 1.40×0.42 | 0.12 | 0.39 | 0.39 | 0.00 |
| W5 | 1.80×0.21 | 0.02 | 0.13 | 0.03 | |
| W6 | 1.80×0.23 | 0.06 | 0.13 | 0.25 | |
| W7 | 1.80×0.42 | 0.15 | 0.50 | 0.50 | |
| | 0.80×0.21 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| 合　計 | | 2.84 | 7.54 | 4.56 | 0.00 |
| 検　定 | | 0.07 | 0.19 | 0.12 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 24.63 | 31.68 | 0.28 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
Y2
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.48 | 1.63 | 2.01 | 0.01 |
| P2 | 4.47 | 1.83 | 2.01 | 2.47 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.32 | 0.78 | 0.78 | 0.00 |
| W2 | 1.40×0.44 | 0.21 | 0.51 | 0.51 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W4 | 1.40×0.26 | 0.06 | 0.06 | 0.21 | 0.00 |
| W5 | 1.80×0.44 | 0.27 | 0.65 | 0.65 | |
| W6 | 1.80×0.23 | 0.08 | 0.27 | 0.10 | |
| W7 | 1.80×0.26 | 0.07 | 0.08 | 0.27 | |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 4.36 | 6.20 | 7.08 | 0.02 |
| 検　定 | | 0.18 | 0.20 | 0.22 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 24.63 | 31.68 | 0.18 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.63 | 0.51 | 3.06 | 0.57 | 0.00 |
| P2 | 4.47 | 0.63 | 3.77 | 0.70 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.04 | 0.26 | 0.26 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.12 | 0.17 | 0.00 |
| W3 | 1.40×0.40 | 0.05 | 0.30 | 0.30 | 0.00 |
| W4 | 1.40×0.09 | 0.00 | 0.02 | 0.00 | 0.00 |
| W5 | 1.80×0.23 | 0.03 | 0.16 | 0.22 | |
| W6 | 1.80×0.40 | 0.06 | 0.39 | 0.39 | |
| W7 | 1.80×0.09 | 0.00 | 0.02 | 0.00 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| 合　計 | | 1.34 | 8.09 | 2.60 | 0.00 |
| 検　定 | | 0.05 | 0.26 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.18 |
| | | | | 断面欠損無 | | | | | | | |

1/X4
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.07 | 0.26 | 0.26 | 0.01 |
| 合　計 | | 0.07 | 0.26 | 0.26 | 0.01 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.46 | Qa<br>13.20 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y0
又Y1

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.24 | 0.22 | 0.33 | 0.02 |
| P2 | 0.14 | 0.06 | 0.06 | 0.08 | 0.01 |
| P3 | 0.14 | 0.06 | 0.06 | 0.08 | 0.01 |
| P4 | 0.18 | 0.08 | 0.07 | 0.11 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.40×0.07 | 0.01 | 0.01 | 0.05 | 0.00 |
| W2 | 1.40×0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| W3 | 1.40×0.18 | 0.04 | 0.04 | 0.14 | 0.00 |
| W4 | 1.80×0.07 | 0.02 | 0.02 | 0.06 | |
| W5 | 1.80×0.04 | 0.00 | 0.00 | 0.00 | |
| W6 | 1.80×0.18 | 0.05 | 0.05 | 0.18 | |
| | 0.80×0.07 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 0.56 | 0.51 | 1.05 | 0.04 |
| 検　定 | | 0.13 | 0.04 | 0.08 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
又
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y8
Y9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 0.70×0.75 | 0.01 | 0.12 | 0.12 | 0.00 |
| W3 0.70×1.86 | 0.03 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.05 | 0.42 | 0.42 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y9
又Y9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
又Y9
Y10

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | -0.02 | 0.03 | 0.00 | 0.00 |
| 合　計 | -0.02 | 0.03 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.16 | 0.18 | 0.35 | 0.01 |
| P2 | 0.52 | 0.16 | 0.18 | 0.35 | 0.01 |
| P3 | 1.22 | 0.47 | 0.51 | 0.70 | |
| | 0.77 | | | | 0.02 |
| P4 | 2.07 | 0.00 | 2.07 | 0.00 | |
| | 1.69 | | | | 0.00 |
| P5 | 0.42 | 0.19 | 0.21 | 0.21 | 0.01 |
| P6 | 0.38 | 0.17 | 0.19 | 0.19 | 0.01 |
| P7 | 0.49 | 0.22 | 0.24 | 0.24 | |
| | 0.22 | | | | 0.01 |
| P8 | 0.42 | 0.19 | 0.21 | 0.21 | 0.01 |
| P9 | 0.38 | 0.17 | 0.19 | 0.19 | 0.01 |
| P10 | 0.49 | 0.22 | 0.24 | 0.24 | |
| | 0.22 | | | | 0.01 |
| W1 | 1.40×0.27 | 0.04 | 0.04 | 0.19 | 0.00 |
| W2 | 1.40×0.27 | 0.04 | 0.04 | 0.19 | 0.00 |
| W3 | 1.80×0.27 | 0.05 | 0.05 | 0.25 | |
| W4 | 1.80×0.27 | 0.05 | 0.05 | 0.25 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W6 | 1.40×0.15 | 0.02 | 0.02 | 0.03 | 0.00 |
| W7 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W8 | 1.40×0.15 | 0.02 | 0.02 | 0.03 | 0.00 |
| W9 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W10 | 1.80×0.15 | 0.03 | 0.03 | 0.04 | |
| W11 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W12 | 1.80×0.15 | 0.03 | 0.03 | 0.04 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| 合　計 | | 2.53 | 5.52 | 4.05 | 0.12 |
| 検　定 | | 0.44 | 0.35 | 0.26 | 0.40 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.28 | 0.52 | 1.14 | 1.14 | |
| | 1.44 | | | | 0.00 |
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.67 | 1.80 | 1.80 | 0.01 |
| 検　定 | | 0.09 | 0.11 | 0.11 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4

Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
YO
又YO

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| 合　計 | 0.10 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又YO
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.00 | 0.09 | 0.09 | 0.00 |
| 合　計 | 0.00 | 0.09 | 0.09 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.06 | 0.34 | 0.34 | 0.00 |
| W2 1.40×0.12 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.40×0.18 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.12 | 0.01 | 0.08 | 0.08 | |
| W5 1.80×0.18 | 0.02 | 0.11 | 0.11 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.18 | | | | 0.00 |
| 合　計 | 0.12 | 0.68 | 0.68 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 12000 | 12.0×39.0 | 468.0 | 59319 | 3042 | 11.62 | 1.10 | 28.27 | 34.32 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.51 | 0.55 | 0.16 | 0.36 | 0.03 |
| P2 | 0.43 | 0.46 | 0.13 | 0.30 | 0.03 |
| P3 | 0.56 | 0.59 | 0.17 | 0.39 | |
| | 0.25 | | | | 0.02 |
| P4 | 1.18 | 1.25 | 0.36 | 0.82 | |
| | 1.18 | | | | 0.07 |
| P5 | 0.51 | 0.68 | 0.20 | 0.32 | 0.04 |
| P6 | 0.43 | 0.58 | 0.17 | 0.27 | 0.03 |
| P7 | 0.56 | 0.74 | 0.22 | 0.34 | |
| | 0.25 | | | | 0.02 |
| P8 | 0.95 | 1.27 | 0.37 | 0.59 | |
| | 0.95 | | | | 0.07 |
| P9 | 0.55 | 0.25 | 0.44 | 0.10 | 0.02 |
| P10 | 0.59 | 0.27 | 0.48 | 0.11 | 0.02 |
| P11 | 0.15 | 0.07 | 0.12 | 0.03 | 0.01 |
| P12 | 0.19 | 0.09 | 0.16 | 0.04 | |
| | 0.09 | | | | 0.00 |
| P13 | 2.30 | 1.05 | 1.87 | 0.43 | |
| | 2.30 | | | | 0.09 |
| P14 | 0.55 | 0.25 | 0.44 | 0.10 | 0.02 |
| P15 | 0.29 | 0.13 | 0.24 | 0.05 | 0.01 |
| P16 | 0.17 | 0.08 | 0.14 | 0.03 | 0.01 |
| P17 | 0.22 | 0.10 | 0.18 | 0.04 | |
| | 0.10 | | | | 0.00 |
| P18 | 0.14 | 0.11 | 0.10 | 0.04 | 0.01 |
| P19 | 0.05 | 0.03 | 0.03 | 0.01 | 0.00 |
| P20 | 0.06 | 0.04 | 0.04 | 0.02 | |
| | 0.03 | | | | 0.00 |
| P21 | 0.22 | 0.16 | 0.15 | 0.07 | 0.01 |
| P22 | 0.07 | 0.05 | 0.05 | 0.02 | 0.00 |
| P23 | 0.09 | 0.07 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.47×0.46 | 2.39 | 0.95 | 1.79 | 0.15 |
| W2 | 1.47×0.20 | 0.28 | 0.08 | 0.45 | 0.02 |
| W3 | 1.47×0.16 | 0.10 | 0.12 | 0.04 | 0.01 |
| W4 | 1.47×0.12 | 0.08 | 0.09 | 0.03 | 0.01 |
| W5 | 1.47×0.20 | 0.60 | 0.29 | 0.25 | 0.04 |
| W6 | 1.47×0.12 | 0.09 | 0.03 | 0.05 | 0.01 |
| W7 | 1.80×0.46 | 2.92 | 1.16 | 2.20 | |
| W8 | 1.80×0.20 | 0.35 | 0.10 | 0.55 | |
| W9 | 1.80×0.16 | 0.12 | 0.15 | 0.05 | |
| W10 | 1.80×0.12 | 0.09 | 0.11 | 0.04 | |
| W11 | 1.80×0.20 | 0.73 | 0.35 | 0.30 | |
| W12 | 1.80×0.12 | 0.11 | 0.03 | 0.06 | |
| | 0.80×0.46 | | | | 0.08 |
| | 0.80×0.20 | | | | 0.01 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.20 | | | | 0.02 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 16.75 | 9.76 | 10.31 | 0.87 |
| 検　定 | 0.59 | 0.28 | 0.30 | 0.88 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 11.00 | 1.10 | 14.43 | 23.76 | 0.46 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又
Ｙ2
Ｙ3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| Ｐ1 | 0.62 | 0.37 | 0.21 | 0.41 | 0.01 |
| Ｐ2 | 0.50 | 0.31 | 0.17 | 0.34 | 0.01 |
| Ｐ3 | 0.65 | 0.39 | 0.22 | 0.43 | |
| | 0.29 | | | | 0.01 |
| Ｐ4 | 1.27 | 0.77 | 0.42 | 0.84 | |
| | 1.27 | | | | 0.02 |
| W1 | 1.40×0.16 | 0.06 | 0.03 | 0.17 | 0.00 |
| W2 | 1.40×0.43 | 0.49 | 0.81 | 0.81 | 0.02 |
| W3 | 1.40×0.20 | 0.15 | 0.34 | 0.17 | 0.01 |
| W4 | 1.80×0.16 | 0.08 | 0.04 | 0.22 | |
| W5 | 1.80×0.43 | 0.63 | 1.04 | 1.04 | |
| W6 | 1.80×0.20 | 0.20 | 0.43 | 0.22 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.43 | | | | 0.01 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 3.45 | 3.71 | 4.64 | 0.10 |
| 検　定 | | 0.24 | 0.16 | 0.20 | 0.23 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y0
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.14 | 0.52 | 0.52 | 0.01 |
| 合　計 | 0.14 | 0.52 | 0.52 | 0.01 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.06 | 0.34 | 0.34 | 0.00 |
| W2 0.54×1.67 | 0.06 | 0.32 | 0.32 | 0.00 |
| W3 1.40×0.16 | 0.01 | 0.08 | 0.08 | 0.00 |
| W4 1.80×0.16 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.16 | | | | 0.00 |
| W5 1.40×0.16 | 0.01 | 0.08 | 0.08 | 0.00 |
| W6 1.80×0.16 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.18 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
又Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.02 |
| W2 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W3 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W5 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.90 | 1.98 | 1.98 | 0.04 |
| 検　定 | 0.13 | 0.13 | 0.13 | 0.14 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| W4 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W5 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.04 | 0.37 | 0.37 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.02 |
| W2 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W3 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W5 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.90 | 1.98 | 1.98 | 0.04 |
| 検　定 | 0.13 | 0.13 | 0.13 | 0.14 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.02 |
| W2 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W3 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W5 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.90 | 1.98 | 1.98 | 0.04 |
| 検　定 | 0.13 | 0.13 | 0.13 | 0.14 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.16 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.16 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.16 | | | | 0.00 |
| W4 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W5 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.17 | | | | 0.00 |
| 合　計 | 0.20 | 0.89 | 0.89 | 0.00 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>34.21 | Qa<br>39.60 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y3
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.05 | 0.00 | 0.05 | 0.00 | 0.00 |
| P2 | 1.75 | 0.96 | 1.05 | 0.70 | 0.01 |
| P3 | 2.25 | 1.23 | 1.35 | 0.90 | |
| | 1.00 | | | | 0.00 |
| P4 | 1.35 | 0.25 | 0.27 | 1.08 | 0.00 |
| P5 | 1.74 | 0.32 | 0.35 | 1.39 | |
| | 0.77 | | | | 0.00 |
| P6 | 3.53 | 1.93 | 2.12 | 1.41 | 0.01 |
| P7 | 4.39 | 2.39 | 2.63 | 1.75 | |
| | 1.95 | | | | 0.01 |
| P8 | 3.53 | 0.64 | 0.71 | 2.83 | 0.01 |
| P9 | 4.39 | 0.80 | 0.88 | 3.51 | |
| | 1.95 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W2 | 1.40×0.20 | 0.07 | 0.19 | 0.05 | 0.00 |
| W3 | 1.40×0.23 | 0.11 | 0.12 | 0.17 | 0.00 |
| W4 | 1.40×0.17 | 0.06 | 0.17 | 0.04 | 0.00 |
| W5 | 1.40×0.17 | 0.08 | 0.09 | 0.13 | 0.00 |
| W6 | 1.40×0.17 | 0.01 | 0.01 | 0.10 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| W8 | 1.80×0.20 | 0.09 | 0.25 | 0.06 | |
| W9 | 1.80×0.23 | 0.14 | 0.15 | 0.22 | |
| W10 | 1.80×0.17 | 0.08 | 0.22 | 0.06 | |
| W11 | 1.80×0.17 | 0.10 | 0.11 | 0.17 | |
| W12 | 1.80×0.17 | 0.01 | 0.01 | 0.13 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 9.26 | 10.76 | 14.85 | 0.04 |
| 検　定 | | 0.27 | 0.27 | 0.38 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.85 | B×D<br>15.0×123.0 | Ae<br>1845.0<br>断面欠損有 | I<br>2326084<br>×0.80 | Z<br>37823<br>×0.80 | fb<br>9.35 | fs<br>1.10 | Ma<br>282.91 | Qa<br>135.30 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.31 | 0.45 | 0.07 | 0.00 |
| P2 | 8.44 | 7.68 | 6.75 | 1.69 | |
| | 7.77 | | | | 0.04 |
| P3 | 10.00 | 22.75 | 5.00 | 5.00 | |
| | 8.84 | | | | 0.07 |
| P4 | 13.21 | 18.03 | 3.96 | 9.25 | |
| | 11.47 | | | | 0.07 |
| P5 | 14.15 | 6.44 | 1.42 | 12.73 | |
| | 13.13 | | | | 0.03 |
| P6 | 7.04 | 12.82 | 4.23 | 2.82 | |
| | 6.41 | | | | 0.05 |
| P7 | 0.42 | 0.19 | 0.38 | 0.04 | 0.00 |
| P8 | 0.38 | 0.17 | 0.34 | 0.04 | 0.00 |
| P9 | 0.49 | 0.22 | 0.44 | 0.05 | |
| | 0.22 | | | | 0.00 |
| P10 | 0.65 | 0.29 | 0.06 | 0.58 | 0.00 |
| P11 | 0.72 | 0.33 | 0.07 | 0.65 | 0.00 |
| P12 | 0.93 | 0.42 | 0.09 | 0.84 | |
| | 0.41 | | | | 0.00 |
| P13 | 1.46 | 1.33 | 1.17 | 0.29 | 0.01 |
| P14 | 2.45 | 2.23 | 1.96 | 0.49 | 0.01 |
| P15 | 3.14 | 2.86 | 2.52 | 0.63 | |
| | 1.40 | | | | 0.01 |
| P16 | 2.09 | 1.90 | 1.67 | 0.42 | |
| | 1.73 | | | | 0.01 |
| P17 | 0.47 | 0.43 | 0.38 | 0.09 | |
| | 0.30 | | | | 0.00 |
| P18 | 0.77 | 0.70 | 0.61 | 0.15 | |
| | 0.48 | | | | 0.00 |
| P19 | 0.45 | 0.62 | 0.32 | 0.14 | 0.00 |
| P20 | 1.75 | 2.39 | 1.23 | 0.53 | 0.01 |
| P21 | 2.25 | 3.07 | 1.58 | 0.68 | |
| | 1.00 | | | | 0.01 |
| P22 | 1.07 | 1.46 | 0.75 | 0.32 | |
| | 0.84 | | | | 0.01 |
| P23 | 0.77 | 1.05 | 0.54 | 0.23 | |
| | 0.48 | | | | 0.00 |
| P24 | 0.28 | 0.52 | 0.17 | 0.11 | 0.00 |
| P25 | 1.75 | 3.19 | 1.05 | 0.70 | 0.01 |
| P26 | 2.25 | 4.10 | 1.35 | 0.90 | |
| | 1.00 | | | | 0.01 |
| P27 | 1.32 | 2.39 | 0.79 | 0.53 | |
| | 0.83 | | | | 0.01 |
| P28 | 2.03 | 3.70 | 1.22 | 0.81 | |
| | 1.76 | | | | 0.01 |
| P29 | 1.56 | 3.54 | 0.78 | 0.78 | 0.01 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | P30 | 1.75 | 3.99 | 0.88 | 0.88 | 0.01 |
| | | P31 | 2.25 | 5.12 | 1.13 | 1.13 | |
| | | | 1.00 | | | | 0.01 |
| | | P32 | 1.37 | 3.12 | 0.69 | 0.69 | |
| | | | 1.06 | | | | 0.01 |
| | | P33 | 0.19 | 0.42 | 0.09 | 0.09 | |
| | | | 0.14 | | | | 0.00 |
| | | P34 | 0.42 | 0.77 | 0.17 | 0.25 | 0.00 |
| | | P35 | 1.77 | 3.23 | 0.71 | 1.07 | 0.01 |
| | | P36 | 2.28 | 4.15 | 0.91 | 1.37 | |
| | | | 1.01 | | | | 0.01 |
| | | P37 | 0.19 | 0.34 | 0.07 | 0.11 | |
| | | | 0.14 | | | | 0.00 |
| | | P38 | 1.73 | 2.36 | 0.52 | 1.21 | 0.01 |
| | | P39 | 1.77 | 2.42 | 0.53 | 1.24 | 0.01 |
| | | P40 | 2.28 | 3.11 | 0.68 | 1.60 | |
| | | | 1.01 | | | | 0.01 |
| | | P41 | 3.01 | 4.11 | 0.90 | 2.11 | |
| | | | 2.71 | | | | 0.02 |
| | | P42 | 1.75 | 1.59 | 0.35 | 1.40 | 0.01 |
| | | P43 | 2.25 | 2.05 | 0.45 | 1.80 | |
| | | | 1.00 | | | | 0.00 |
| | | P44 | 3.02 | 0.69 | 2.87 | 0.15 | 0.00 |
| | | P45 | 3.75 | 0.85 | 3.56 | 0.19 | |
| | | | 1.67 | | | | 0.00 |
| | | P46 | 6.32 | 5.75 | 5.05 | 1.26 | 0.03 |
| | | P47 | 1.78 | 1.62 | 1.43 | 0.36 | 0.01 |
| | | P48 | 2.20 | 2.00 | 1.76 | 0.44 | |
| | | | 0.98 | | | | 0.00 |
| | | P49 | 0.24 | 0.22 | 0.20 | 0.05 | 0.00 |
| | | P50 | 0.54 | 0.49 | 0.43 | 0.11 | |
| | | | 0.35 | | | | 0.00 |
| | | P51 | 2.68 | 1.47 | 2.35 | 0.32 | 0.01 |
| | | P52 | 3.31 | 1.81 | 2.91 | 0.40 | |
| | | | 1.47 | | | | 0.00 |
| | | W1 | 0.54×1.76 | 0.20 | 0.04 | 0.82 | 0.00 |
| | | W2 | 0.54×1.67 | 0.19 | 0.04 | 0.78 | 0.00 |
| | | W3 | 0.54×1.67 | 2.99 | 0.66 | 0.99 | 0.01 |
| | | W4 | 0.54×1.67 | 2.24 | 1.15 | 0.49 | 0.01 |
| | | W5 | 0.54×1.67 | 0.42 | 0.47 | 0.09 | 0.00 |
| | | W6 | 0.54×1.67 | 1.68 | 0.45 | 0.37 | 0.01 |
| | | W7 | 0.54×1.67 | 1.49 | 0.33 | 1.31 | 0.01 |
| | | W8 | 1.55×0.23 | 0.22 | 0.05 | 0.27 | 0.00 |
| | | W9 | 1.55×0.23 | 0.07 | 0.02 | 0.30 | 0.00 |
| | | W10 | 1.55×0.23 | 0.36 | 0.08 | 0.24 | 0.00 |
| | | W11 | 1.80×0.23 | 0.25 | 0.06 | 0.32 | |
| | | W12 | 1.80×0.23 | 0.08 | 0.02 | 0.35 | |
| | | W13 | 1.80×0.23 | 0.42 | 0.09 | 0.28 | |
| | | | 0.80×0.23 | | | | 0.00 |
| | | | 0.80×0.23 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.23 | | | | 0.00 |
| W141.55×0.23 | 0.51 | 0.11 | 0.21 | 0.00 |
| W151.55×0.23 | 0.66 | 0.14 | 0.18 | 0.00 |
| W161.80×0.23 | 0.59 | 0.13 | 0.24 | |
| W171.80×0.23 | 0.76 | 0.17 | 0.20 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| W181.55×0.27 | 0.19 | 0.21 | 0.04 | 0.00 |
| W191.55×0.23 | 0.66 | 0.18 | 0.14 | 0.00 |
| W201.55×0.23 | 0.36 | 0.24 | 0.08 | 0.00 |
| W211.55×0.23 | 0.51 | 0.21 | 0.11 | 0.00 |
| W221.80×0.27 | 0.22 | 0.25 | 0.05 | |
| W231.80×0.23 | 0.76 | 0.20 | 0.17 | |
| W241.80×0.23 | 0.42 | 0.28 | 0.09 | |
| W251.80×0.23 | 0.59 | 0.24 | 0.13 | |
| 0.80×0.27 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| W261.55×0.23 | 0.07 | 0.30 | 0.02 | 0.00 |
| W271.55×0.15 | 0.03 | 0.06 | 0.01 | 0.00 |
| W281.55×0.17 | 0.01 | 0.12 | 0.00 | 0.00 |
| W291.55×0.15 | 0.06 | 0.13 | 0.01 | 0.00 |
| W301.55×0.16 | 0.13 | 0.15 | 0.03 | 0.00 |
| W311.80×0.23 | 0.08 | 0.35 | 0.02 | |
| W321.80×0.15 | 0.04 | 0.07 | 0.01 | |
| W331.80×0.17 | 0.02 | 0.14 | 0.00 | |
| W341.80×0.15 | 0.07 | 0.15 | 0.01 | |
| W351.80×0.16 | 0.15 | 0.17 | 0.03 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.15 | | | | 0.00 |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.15 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 174.39 | 77.38 | 68.18 | 0.63 |
| 検　定 | 0.62 | 0.57 | 0.50 | 0.42 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5

Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.10 | 0.49 | 0.13 | |
| | 0.62 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.23 | 0.03 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.39 | 0.59 | 0.00 |
| 合　計 | | 0.31 | 1.11 | 0.74 | 0.00 |
| 検　定 | | 0.03 | 0.05 | 0.04 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5

Y8

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.25 | 0.08 | 0.17 | 0.08 | 0.00 |
| P2 | 2.53 | 0.77 | 1.69 | 0.84 | 0.00 |
| P3 | 3.12 | 0.95 | 2.08 | 1.04 | |
| | 1.39 | | | | 0.00 |
| P4 | 0.11 | 0.03 | 0.08 | 0.04 | 0.00 |
| P5 | 0.25 | 0.08 | 0.17 | 0.08 | |
| | 0.17 | | | | 0.00 |
| P6 | 1.35 | 0.41 | 0.90 | 0.45 | 0.00 |
| P7 | 1.74 | 0.53 | 1.16 | 0.58 | |
| | 0.77 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W4 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W5 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W7 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W8 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W9 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.28 | 7.60 | 4.70 | 0.01 |
| 検　定 | | 0.13 | 0.24 | 0.15 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>11.62 | fs<br>1.10 | Ma<br>28.27 | Qa<br>34.32 | δa<br>0.99 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X5
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.51 | 0.56 | 0.16 | 0.36 | 0.03 |
| P2 | 0.43 | 0.47 | 0.13 | 0.30 | 0.03 |
| P3 | 0.56 | 0.61 | 0.17 | 0.39 | |
| | 0.25 | | | | 0.02 |
| P4 | 1.18 | 1.29 | 0.36 | 0.82 | |
| | 1.18 | | | | 0.07 |
| P5 | 0.51 | 0.70 | 0.20 | 0.32 | 0.04 |
| P6 | 0.43 | 0.59 | 0.17 | 0.27 | 0.03 |
| P7 | 0.56 | 0.76 | 0.22 | 0.34 | |
| | 0.25 | | | | 0.02 |
| P8 | 0.95 | 1.30 | 0.37 | 0.59 | |
| | 0.95 | | | | 0.07 |
| P9 | 0.55 | 0.24 | 0.44 | 0.10 | 0.02 |
| P10 | 0.59 | 0.26 | 0.48 | 0.11 | 0.02 |
| P11 | 0.15 | 0.07 | 0.12 | 0.03 | 0.01 |
| P12 | 0.19 | 0.09 | 0.16 | 0.04 | |
| | 0.09 | | | | 0.00 |
| P13 | 2.30 | 1.01 | 1.87 | 0.43 | |
| | 2.30 | | | | 0.09 |
| P14 | 0.55 | 0.24 | 0.44 | 0.10 | 0.02 |
| P15 | 0.14 | 0.06 | 0.12 | 0.03 | 0.01 |
| P16 | 0.19 | 0.08 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P17 | 0.89 | 0.39 | 0.72 | 0.17 | |
| | 0.89 | | | | 0.04 |
| P18 | 0.07 | 0.05 | 0.05 | 0.02 | 0.00 |
| P19 | 0.09 | 0.07 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| P20 | 0.29 | 0.40 | 0.11 | 0.18 | 0.02 |
| P21 | 0.37 | 0.51 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.20 | 0.29 | 0.08 | 0.45 | 0.02 |
| W2 | 1.47×0.37 | 0.83 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.38 | 1.32 | 0.84 | 0.56 | 0.09 |
| W4 | 1.47×0.16 | 0.10 | 0.12 | 0.04 | 0.01 |
| W5 | 1.47×0.20 | 0.58 | 0.29 | 0.25 | 0.04 |
| W6 | 1.47×0.12 | 0.09 | 0.03 | 0.05 | 0.01 |
| W7 | 1.80×0.20 | 0.36 | 0.10 | 0.55 | |
| W8 | 1.80×0.37 | 1.02 | 0.29 | 1.20 | |
| W9 | 1.80×0.38 | 1.62 | 1.02 | 0.68 | |
| W10 | 1.80×0.16 | 0.12 | 0.15 | 0.05 | |
| W11 | 1.80×0.20 | 0.71 | 0.35 | 0.30 | |
| W12 | 1.80×0.12 | 0.11 | 0.03 | 0.06 | |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.05 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.20 | | | | 0.02 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 16.90 | 10.20 | 10.04 | 0.87 |
| 検　定 | 0.60 | 0.30 | 0.29 | 0.89 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | Ｅ | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 11.00 | 1.10 | 14.43 | 23.76 | 0.46 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又X５
Ｙ２
Ｙ３

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| Ｐ1 | 0.62 | 0.37 | 0.21 | 0.41 | 0.01 |
| Ｐ2 | 0.50 | 0.31 | 0.17 | 0.34 | 0.01 |
| Ｐ3 | 0.65 | 0.39 | 0.22 | 0.43 | |
| | 0.29 | | | | 0.01 |
| Ｐ4 | 1.27 | 0.77 | 0.42 | 0.84 | |
| | 1.27 | | | | 0.02 |
| W1 | 1.40×0.17 | 0.07 | 0.04 | 0.18 | 0.00 |
| W2 | 1.40×0.38 | 0.44 | 0.72 | 0.72 | 0.02 |
| W3 | 1.40×0.20 | 0.15 | 0.34 | 0.17 | 0.01 |
| W4 | 1.80×0.17 | 0.08 | 0.05 | 0.23 | |
| W5 | 1.80×0.38 | 0.57 | 0.93 | 0.93 | |
| W6 | 1.80×0.20 | 0.20 | 0.43 | 0.22 | |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.38 | | | | 0.01 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 3.35 | 3.52 | 4.48 | 0.10 |
| 検　定 | | 0.23 | 0.15 | 0.19 | 0.22 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X５
Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.58 | 0.58 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.58 | 0.58 | 0.02 |
| 検　定 | 0.09 | 0.16 | 0.16 | 0.11 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X5
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.58 | 0.58 | 0.02 |
| 検　定 | 0.09 | 0.16 | 0.16 | 0.11 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.11 |
| | | | 断面欠損無 | | | | | | | | |

1/又X5
又Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.15 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.15 | 0.01 | 0.08 | 0.08 | |
| W4 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.15 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.05 | 0.31 | 0.31 | 0.00 |
| 検　定 | 0.03 | 0.09 | 0.09 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.12 |
| | | | 断面欠損無 | | | | | | | | |

1/又X５
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.08 | 0.08 | 0.00 |
| W3 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| W4 1.80×0.16 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.19 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.07 | 0.39 | 0.39 | 0.01 |
| 検　定 | 0.05 | 0.11 | 0.11 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 支点 | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.31 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.89 | 0.51 | 0.72 | 0.17 | |
| | 0.89 | | | | 0.04 |
| P5 | 0.55 | 0.31 | 0.44 | 0.10 | 0.03 |
| P6 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P7 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P8 | 2.61 | 1.50 | 2.12 | 0.48 | |
| | 2.61 | | | | 0.12 |
| P9 | 0.29 | 0.31 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.40 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P11 | 0.29 | 0.31 | 0.11 | 0.18 | 0.02 |
| P12 | 0.37 | 0.40 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.66 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.37 | 0.66 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.38 | 1.54 | 0.84 | 0.56 | 0.11 |
| W4 | 1.47×0.38 | 1.54 | 0.84 | 0.56 | 0.11 |
| W5 | 1.80×0.37 | 0.81 | 0.29 | 1.20 | |
| W6 | 1.80×0.37 | 0.81 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.89 | 1.02 | 0.68 | |
| W8 | 1.80×0.38 | 1.89 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 14.27 | 9.55 | 8.65 | 0.80 |
| 検　定 | | 0.56 | 0.28 | 0.25 | 0.81 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>11.00 | fs<br>1.10 | Ma<br>9.70 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W2 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W3 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| W4 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| 0.80×0.38 | | | | 0.02 |
| 0.80×0.38 | | | | 0.02 |
| 合　計 | 2.26 | 3.31 | 3.31 | 0.12 |
| 検　定 | 0.23 | 0.18 | 0.18 | 0.27 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>9.0×9.0 | Ae<br>81.0<br>断面欠損無 | I<br>547 | Z<br>122 | fb<br>12.76 | fs<br>0.66 | Ma<br>1.55 | Qa<br>3.56 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.01 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.10 | 0.19 | 0.19 | 0.12 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.32 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.09 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 4.81 | 2.85 | 3.91 | 0.89 | |
| | 4.81 | | | | 0.22 |
| P5 | 0.55 | 0.32 | 0.44 | 0.10 | 0.03 |
| P6 | 0.14 | 0.09 | 0.12 | 0.03 | 0.01 |
| P7 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P8 | 0.29 | 0.30 | 0.11 | 0.18 | 0.02 |
| P9 | 0.37 | 0.39 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P10 | 0.29 | 0.30 | 0.11 | 0.18 | 0.02 |
| P11 | 0.37 | 0.39 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.64 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.37 | 0.64 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.38 | 1.55 | 0.84 | 0.56 | 0.11 |
| W4 | 1.47×0.38 | 1.55 | 0.84 | 0.56 | 0.11 |
| W5 | 1.80×0.37 | 0.78 | 0.29 | 1.20 | |
| W6 | 1.80×0.37 | 0.78 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.90 | 1.02 | 0.68 | |
| W8 | 1.80×0.38 | 1.90 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 15.03 | 10.61 | 8.90 | 0.86 |
| 検　定 | | 0.58 | 0.31 | 0.26 | 0.87 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 11.00 | 1.10 | 8.73 | 18.48 | 0.46 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又
Y2
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.14 | 0.10 | 0.19 | 0.01 |
| P2 | 0.37 | 0.18 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W2 | 1.40×0.23 | 0.07 | 0.05 | 0.24 | 0.01 |
| W3 | 1.40×0.35 | 0.34 | 0.58 | 0.29 | 0.03 |
| W4 | 1.80×0.38 | 0.63 | 0.93 | 0.93 | |
| W5 | 1.80×0.23 | 0.09 | 0.06 | 0.31 | |
| W6 | 1.80×0.35 | 0.43 | 0.75 | 0.37 | |
| | 0.80×0.38 | | | | 0.03 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 2.38 | 3.31 | 3.31 | 0.14 |
| 検　定 | | 0.27 | 0.18 | 0.18 | 0.32 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | | 断面欠損無 | | | | | | | |

1/又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | | 0.04 | 0.10 | 0.10 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.10 | 0.19 | 0.19 | 0.12 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又

又Y４

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.10 | 0.19 | 0.19 | 0.12 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.11 |
| | | | 断面欠損無 | | | | | | | | |

1/又
又Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| W4 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.05 | 0.33 | 0.33 | 0.00 |
| 検　定 | 0.03 | 0.09 | 0.09 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.12 |
| | | | 断面欠損無 | | | | | | | | |

1/又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| W4 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.19 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.08 | 0.42 | 0.42 | 0.01 |
| 検　定 | 0.05 | 0.12 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.99 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P5 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P6 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P8 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W2 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W3 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W4 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W5 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| W6 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| W8 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 12.37 | 6.70 | 8.00 | 0.64 |
| 検　定 | | 0.48 | 0.20 | 0.23 | 0.65 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.14 | 0.10 | 0.19 | 0.01 |
| P2 | 0.37 | 0.18 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.05 | 0.24 | 0.01 |
| W2 | 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W3 | 1.40×0.35 | 0.34 | 0.58 | 0.29 | 0.03 |
| W4 | 1.80×0.23 | 0.09 | 0.06 | 0.31 | |
| W5 | 1.80×0.38 | 0.63 | 0.93 | 0.93 | |
| W6 | 1.80×0.35 | 0.43 | 0.75 | 0.37 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.38 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 2.38 | 3.31 | 3.31 | 0.14 |
| 検　定 | | 0.27 | 0.18 | 0.18 | 0.32 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>9.0×9.0 | Ae<br>81.0<br>断面欠損無 | I<br>547 | Z<br>122 | fb<br>12.76 | fs<br>0.66 | Ma<br>1.55 | Qa<br>3.56 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 | 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 | 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | | 0.01 | 0.05 | 0.05 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.10 | 0.19 | 0.19 | 0.12 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X6
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.31 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.55 | 0.31 | 0.44 | 0.10 | 0.03 |
| P5 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P6 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P7 | 2.83 | 1.58 | 2.30 | 0.53 | |
| | 2.83 | | | | 0.13 |
| P8 | 0.29 | 0.32 | 0.11 | 0.18 | 0.02 |
| P9 | 0.37 | 0.42 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P10 | 0.29 | 0.32 | 0.11 | 0.18 | 0.02 |
| P11 | 0.37 | 0.42 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.68 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.38 | 1.53 | 0.84 | 0.56 | 0.11 |
| W3 | 1.47×0.37 | 0.68 | 0.23 | 0.98 | 0.05 |
| W4 | 1.47×0.38 | 1.53 | 0.84 | 0.56 | 0.11 |
| W5 | 1.80×0.37 | 0.83 | 0.29 | 1.20 | |
| W6 | 1.80×0.38 | 1.88 | 1.02 | 0.68 | |
| W7 | 1.80×0.37 | 0.83 | 0.29 | 1.20 | |
| W8 | 1.80×0.38 | 1.88 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 13.89 | 9.00 | 8.53 | 0.77 |
| 検　定 | | 0.54 | 0.26 | 0.25 | 0.78 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.19 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

1/X6
Y2
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.15 | 0.54 | 0.54 | 0.00 |
| W2 | 1.40×0.37 | 0.08 | 0.29 | 0.29 | 0.00 |
| W3 | 1.40×0.37 | 0.08 | 0.29 | 0.29 | 0.00 |
| W4 | 1.80×0.37 | 0.11 | 0.37 | 0.37 | |
| W5 | 1.80×0.37 | 0.11 | 0.37 | 0.37 | |
| | 0.80×0.37 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| 合　計 | | 0.53 | 1.87 | 1.87 | 0.00 |
| 検　定 | | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 11.40 | 21.12 | 0.27 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X6
又
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.11 | 0.17 | 0.12 | 0.00 |
| P2 | 0.37 | 0.14 | 0.21 | 0.16 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.30 | 0.75 | 0.75 | 0.01 |
| W2 | 1.40×0.39 | 0.17 | 0.43 | 0.43 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.08 | 0.21 | 0.00 |
| W4 | 1.40×0.31 | 0.05 | 0.23 | 0.06 | 0.00 |
| W5 | 1.80×0.39 | 0.22 | 0.56 | 0.56 | |
| W6 | 1.80×0.23 | 0.08 | 0.11 | 0.27 | |
| W7 | 1.80×0.31 | 0.07 | 0.29 | 0.08 | |
| | 0.80×0.39 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.31 | | | | 0.00 |
| 合　計 | | 1.19 | 2.83 | 2.64 | 0.02 |
| 検　定 | | 0.10 | 0.13 | 0.13 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X6
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | 0.04 | 0.10 | 0.10 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.10 | 0.19 | 0.19 | 0.12 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0<br>断面欠損無 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.15 |

1/X6
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.10 | 0.19 | 0.19 | 0.12 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0<br>断面欠損無 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.11 |

1/X6
又Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| W4 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.05 | 0.33 | 0.33 | 0.00 |
| 検　定 | 0.03 | 0.09 | 0.09 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 12.76 | 0.66 | 1.55 | 3.56 | 0.12 |
| | | | 断面欠損無 | | | | | | | | |

1/X6
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| W4 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.19 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.08 | 0.42 | 0.42 | 0.01 |
| 検　定 | 0.05 | 0.12 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>15.0×55.0 | Ae<br>825.0<br>断面欠損有 | I<br>207969<br>×0.90 | Z<br>7563<br>×0.90 | fb<br>10.23 | fs<br>1.10 | Ma<br>69.63 | Qa<br>60.50 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.20 | 0.05 | 0.38 | 0.01 |
| P2 | 1.01 | 0.46 | 0.13 | 0.88 | |
| | 0.66 | | | | 0.01 |
| P3 | 0.44 | 0.40 | 0.11 | 0.33 | 0.01 |
| P4 | 1.01 | 0.91 | 0.25 | 0.75 | |
| | 0.66 | | | | 0.02 |
| P5 | 0.44 | 0.60 | 0.16 | 0.27 | 0.02 |
| P6 | 1.01 | 1.37 | 0.38 | 0.63 | |
| | 0.66 | | | | 0.02 |
| P7 | 0.44 | 0.81 | 0.22 | 0.22 | 0.02 |
| P8 | 1.01 | 1.85 | 0.51 | 0.51 | |
| | 0.67 | | | | 0.03 |
| P9 | 0.52 | 0.69 | 0.33 | 0.19 | 0.02 |
| P10 | 0.21 | 0.29 | 0.14 | 0.08 | 0.01 |
| P11 | 0.28 | 0.37 | 0.17 | 0.10 | |
| | 0.12 | | | | 0.00 |
| P12 | 0.22 | 0.30 | 0.14 | 0.08 | 0.01 |
| P13 | 0.51 | 0.68 | 0.32 | 0.19 | |
| | 0.34 | | | | 0.01 |
| P14 | 0.44 | 0.20 | 0.38 | 0.05 | 0.01 |
| P15 | 0.57 | 0.26 | 0.49 | 0.07 | |
| | 0.25 | | | | 0.00 |
| P16 | 0.43 | 0.40 | 0.33 | 0.11 | 0.01 |
| P17 | 0.56 | 0.51 | 0.42 | 0.14 | |
| | 0.25 | | | | 0.01 |
| W1 | 0.54×3.34 | 8.72 | 2.63 | 5.68 | 0.24 |
| W2 | 0.54×3.35 | 3.23 | 3.94 | 0.89 | 0.10 |
| W3 | 1.55×0.23 | 0.07 | 0.30 | 0.02 | 0.00 |
| W4 | 1.55×0.23 | 0.22 | 0.26 | 0.06 | 0.01 |
| W5 | 1.55×0.22 | 0.32 | 0.20 | 0.09 | 0.01 |
| W6 | 1.80×0.23 | 0.08 | 0.35 | 0.02 | |
| W7 | 1.80×0.23 | 0.25 | 0.30 | 0.07 | |
| W8 | 1.80×0.22 | 0.37 | 0.23 | 0.10 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W9 | 1.55×0.23 | 0.07 | 0.02 | 0.30 | 0.00 |
| W10 | 1.55×0.25 | 0.57 | 0.20 | 0.16 | 0.01 |
| W11 | 1.55×0.23 | 0.51 | 0.14 | 0.18 | 0.01 |
| W12 | 1.55×0.23 | 0.36 | 0.10 | 0.22 | 0.01 |
| W13 | 1.55×0.23 | 0.22 | 0.06 | 0.26 | 0.01 |
| W14 | 3.20×0.23 | 0.15 | 0.04 | 0.62 | |
| W15 | 3.20×0.25 | 1.18 | 0.42 | 0.32 | |
| W16 | 3.20×0.23 | 1.05 | 0.29 | 0.37 | |
| W17 | 3.20×0.23 | 0.75 | 0.21 | 0.46 | |
| W18 | 3.20×0.23 | 0.45 | 0.12 | 0.54 | |

| | | | | | |
|---|---|---|---|---|---|
| 2.10×0.23 | | | | 0.00 |
| 2.10×0.25 | | | | 0.02 |
| 2.10×0.23 | | | | 0.02 |
| 2.10×0.23 | | | | 0.01 |
| 2.10×0.23 | | | | 0.01 |
| 合　計 | 28.88 | 14.35 | 15.35 | 0.69 |
| 検　定 | 0.41 | 0.24 | 0.25 | 0.57 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種 | E | Ｂ×Ｄ | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.08 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又X６

又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×3.35 | 0.04 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| W4 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W5 3.20×0.12 | 0.01 | 0.08 | 0.08 | |
| 2.10×0.12 | | | | 0.00 |
| 合　計 | 0.07 | 0.61 | 0.61 | 0.00 |
| 検　定 | 0.01 | 0.05 | 0.05 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X6
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×3.34 | 0.19 | 0.82 | 0.82 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 3.20×0.23 | 0.08 | 0.33 | 0.33 | |
| 2.10×0.23 | | | | 0.00 |
| 合　計 | 0.37 | 1.63 | 1.63 | 0.01 |
| 検　定 | 0.07 | 0.12 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 0.99 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.32 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.09 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 5.21 | 3.09 | 4.24 | 0.97 | |
| | 5.21 | | | | 0.24 |
| P5 | 0.55 | 0.32 | 0.44 | 0.10 | 0.03 |
| P6 | 0.14 | 0.09 | 0.12 | 0.03 | 0.01 |
| P7 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P8 | 0.29 | 0.30 | 0.11 | 0.18 | 0.02 |
| P9 | 0.37 | 0.39 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P10 | 0.29 | 0.30 | 0.11 | 0.18 | 0.02 |
| P11 | 0.37 | 0.39 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.64 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.38 | 1.55 | 0.84 | 0.56 | 0.11 |
| W3 | 1.47×0.38 | 1.55 | 0.84 | 0.56 | 0.11 |
| W4 | 1.47×0.37 | 0.64 | 0.23 | 0.98 | 0.05 |
| W5 | 1.80×0.37 | 0.78 | 0.29 | 1.20 | |
| W6 | 1.80×0.38 | 1.90 | 1.02 | 0.68 | |
| W7 | 1.80×0.38 | 1.90 | 1.02 | 0.68 | |
| W8 | 1.80×0.37 | 0.78 | 0.29 | 1.20 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| 合　計 | | 15.27 | 10.94 | 8.97 | 0.88 |
| 検　定 | | 0.59 | 0.32 | 0.26 | 0.89 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>8.73 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y2
Y3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.14 | 0.10 | 0.19 | 0.01 |
| P2 | 0.37 | 0.18 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.05 | 0.24 | 0.01 |
| W2 | 1.40×0.31 | 0.39 | 0.58 | 0.58 | 0.03 |
| W3 | 1.40×0.35 | 0.34 | 0.58 | 0.29 | 0.03 |
| W4 | 1.80×0.23 | 0.09 | 0.06 | 0.31 | |
| W5 | 1.80×0.31 | 0.50 | 0.74 | 0.74 | |
| W6 | 1.80×0.35 | 0.43 | 0.75 | 0.37 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.31 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 2.15 | 2.97 | 2.97 | 0.13 |
| 検　定 | | 0.25 | 0.16 | 0.16 | 0.29 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
Y2

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 | 1.40×0.28 | 0.04 | 0.18 | 0.18 | 0.00 |
| W3 | 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W4 | 1.80×0.28 | 0.05 | 0.23 | 0.23 | |
| W5 | 1.80×0.11 | 0.02 | 0.08 | 0.08 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 0.22 | 0.99 | 0.99 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.39 | 0.86 | 0.86 | 0.01 |
| W2 1.40×0.32 | 0.18 | 0.40 | 0.40 | 0.00 |
| W3 1.40×0.11 | 0.06 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.32 | 0.23 | 0.51 | 0.51 | |
| W5 1.80×0.11 | 0.08 | 0.17 | 0.17 | |
| 0.80×0.32 | | | | 0.00 |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.95 | 2.08 | 2.08 | 0.02 |
| 検　定 | 0.07 | 0.10 | 0.10 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 10.56 | 1.10 | 34.21 | 39.60 | 0.56 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X7
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.72 | 0.25 | 0.14 | 0.58 | 0.00 |
| P2 | 0.92 | 0.32 | 0.18 | 0.75 | |
| | 0.41 | | | | 0.00 |
| P3 | 0.81 | 0.67 | 0.37 | 0.44 | 0.01 |
| P4 | 1.04 | 0.87 | 0.48 | 0.56 | |
| | 0.46 | | | | 0.00 |
| P5 | 0.81 | 0.34 | 0.59 | 0.22 | 0.01 |
| P6 | 1.04 | 0.43 | 0.76 | 0.28 | |
| | 0.46 | | | | 0.00 |
| P7 | 3.47 | 1.45 | 2.53 | 0.94 | 0.03 |
| P8 | 4.29 | 1.80 | 3.13 | 1.16 | |
| | 1.91 | | | | 0.01 |
| P9 | 3.47 | 2.91 | 1.60 | 1.87 | 0.04 |
| P10 | 4.29 | 3.59 | 1.97 | 2.32 | |
| | 1.91 | | | | 0.02 |
| P11 | 2.99 | 1.03 | 0.57 | 2.42 | 0.02 |
| P12 | 3.69 | 1.28 | 0.70 | 2.99 | |
| | 1.64 | | | | 0.01 |
| W1 | 0.54×1.76 | 1.33 | 1.59 | 1.59 | 0.02 |
| W2 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W3 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W4 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.00 |
| W5 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.00 |
| W6 | 1.40×0.23 | 0.18 | 0.17 | 0.12 | 0.00 |
| W7 | 1.40×0.23 | 0.18 | 0.17 | 0.12 | 0.00 |
| W8 | 1.40×0.23 | 0.17 | 0.09 | 0.20 | 0.00 |
| W9 | 1.40×0.23 | 0.17 | 0.09 | 0.20 | 0.00 |
| W10 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| W11 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| W12 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W13 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W14 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W15 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W16 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| W17 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 18.28 | 17.03 | 18.32 | 0.19 |
| 検　定 | 0.53 | 0.43 | 0.46 | 0.34 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×55.0 | 660.0 | 166375 | 6050 | 10.23 | 1.10 | 55.70 | 48.40 | 0.30 |
| | 係数 | 0.93 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X7
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.03 | 0.04 | 0.39 | 0.00 |
| P2 | 0.57 | 0.04 | 0.06 | 0.51 | |
| | 0.25 | | | | 0.00 |
| P3 | 8.79 | 3.83 | 5.29 | 3.50 | 0.01 |
| P4 | 3.11 | 1.36 | 1.87 | 1.24 | 0.00 |
| P5 | 3.83 | 1.67 | 2.30 | 1.53 | |
| | 1.70 | | | | 0.00 |
| P6 | 0.97 | 0.42 | 0.59 | 0.39 | 0.00 |
| P7 | 2.13 | 0.93 | 1.28 | 0.85 | |
| | 1.40 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.38 | 0.86 | 0.86 | 0.00 |
| W2 | 1.40×0.11 | 0.06 | 0.13 | 0.13 | 0.00 |
| W3 | 1.40×0.19 | 0.04 | 0.15 | 0.04 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.10 | 0.19 | 0.00 |
| W5 | 1.40×0.10 | 0.00 | 0.00 | 0.02 | 0.00 |
| W6 | 1.80×0.11 | 0.07 | 0.17 | 0.17 | |
| W7 | 1.80×0.19 | 0.05 | 0.19 | 0.05 | |
| W8 | 1.80×0.23 | 0.10 | 0.13 | 0.24 | |
| W9 | 1.80×0.10 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.10 | | | | 0.00 |
| 合　計 | | 9.06 | 13.17 | 10.13 | 0.01 |
| 検　定 | | 0.16 | 0.27 | 0.21 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>10.23 | fs<br>1.10 | Ma<br>49.51 | Qa<br>48.40 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又
又Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.43 | 0.17 | 0.24 | 0.20 | 0.00 |
| P2 | 0.56 | 0.22 | 0.30 | 0.26 | |
| | 0.25 | | | | 0.00 |
| P3 | 0.85 | 0.33 | 0.46 | 0.39 | 0.00 |
| P4 | 1.09 | 0.43 | 0.59 | 0.50 | |
| | 0.48 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.29 | 0.75 | 0.75 | 0.00 |
| W2 | 1.40×0.10 | 0.02 | 0.07 | 0.02 | 0.00 |
| W3 | 1.40×0.27 | 0.05 | 0.20 | 0.06 | 0.00 |
| W4 | 1.40×0.10 | 0.02 | 0.03 | 0.08 | 0.00 |
| W5 | 1.40×0.22 | 0.05 | 0.07 | 0.19 | 0.00 |
| W6 | 1.80×0.10 | 0.02 | 0.09 | 0.03 | |
| W7 | 1.80×0.27 | 0.07 | 0.26 | 0.08 | |
| W8 | 1.80×0.10 | 0.03 | 0.04 | 0.11 | |
| W9 | 1.80×0.22 | 0.06 | 0.09 | 0.24 | |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 1.77 | 3.20 | 2.90 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.06 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>10.23 | fs<br>1.10 | Ma<br>49.51 | Qa<br>48.40 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又Y5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.12 | 0.13 | 0.31 | 0.00 |
| P2 | 1.01 | 0.27 | 0.30 | 0.72 | |
| | 0.67 | | | | 0.00 |
| P3 | 1.33 | 0.35 | 0.39 | 0.94 | 0.00 |
| P4 | 3.04 | 0.81 | 0.89 | 2.15 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.25 | 0.05 | 0.21 | 0.12 | 0.00 |
| W3 | 1.40×0.25 | 0.05 | 0.21 | 0.12 | 0.00 |
| W4 | 1.40×0.20 | 0.01 | 0.02 | 0.10 | 0.00 |
| W5 | 1.40×0.20 | 0.01 | 0.02 | 0.10 | 0.00 |
| W6 | 3.20×0.25 | 0.12 | 0.48 | 0.26 | |
| W7 | 3.20×0.25 | 0.12 | 0.48 | 0.26 | |
| W8 | 3.20×0.20 | 0.03 | 0.04 | 0.22 | |
| W9 | 3.20×0.20 | 0.03 | 0.04 | 0.22 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| 合　計 | | 2.19 | 3.85 | 6.15 | 0.00 |
| 検　定 | | 0.04 | 0.08 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X7
又
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>10.23 | fs<br>1.10 | Ma<br>49.51 | Qa<br>48.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又
又Y6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.09 | 0.19 | 0.25 | 0.00 |
| P2 | 1.01 | 0.20 | 0.44 | 0.56 | |
| | 0.66 | | | | 0.00 |
| P3 | 1.30 | 0.27 | 0.57 | 0.73 | 0.00 |
| P4 | 2.97 | 0.61 | 1.31 | 1.67 | |
| | 1.95 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.25 | 0.02 | 0.13 | 0.05 | 0.00 |
| W3 | 1.40×0.25 | 0.02 | 0.13 | 0.05 | 0.00 |
| W4 | 1.40×0.20 | 0.01 | 0.02 | 0.09 | 0.00 |
| W5 | 1.40×0.20 | 0.01 | 0.02 | 0.09 | 0.00 |
| W6 | 3.20×0.25 | 0.04 | 0.29 | 0.11 | |
| W7 | 3.20×0.25 | 0.04 | 0.29 | 0.11 | |
| W8 | 3.20×0.20 | 0.03 | 0.06 | 0.20 | |
| W9 | 3.20×0.20 | 0.03 | 0.06 | 0.20 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| 合　計 | | 1.42 | 3.73 | 4.32 | 0.00 |
| 検　定 | | 0.03 | 0.08 | 0.09 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>10.23 | fs<br>1.10 | Ma<br>49.51 | Qa<br>48.40 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又Y6
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.30 | 0.22 | 0.22 | 0.00 |
| P2 | 1.01 | 0.68 | 0.49 | 0.51 | |
| | 0.66 | | | | 0.00 |
| P3 | 0.44 | 0.11 | 0.36 | 0.08 | 0.00 |
| P4 | 1.01 | 0.24 | 0.82 | 0.18 | |
| | 0.66 | | | | 0.00 |
| P5 | 1.01 | 0.24 | 0.17 | 0.85 | 0.00 |
| P6 | 2.31 | 0.55 | 0.38 | 1.93 | |
| | 1.52 | | | | 0.00 |
| P7 | 1.30 | 0.88 | 0.64 | 0.66 | 0.00 |
| P8 | 2.97 | 2.01 | 1.46 | 1.51 | |
| | 1.95 | | | | 0.01 |
| P9 | 1.30 | 0.32 | 1.06 | 0.24 | 0.00 |
| P10 | 2.97 | 0.72 | 2.43 | 0.54 | |
| | 1.95 | | | | 0.00 |
| P11 | 9.01 | 2.14 | 1.47 | 7.53 | 0.01 |
| P12 | 0.93 | 0.22 | 0.15 | 0.78 | 0.00 |
| P13 | 1.15 | 0.27 | 0.19 | 0.96 | |
| | 0.51 | | | | 0.00 |
| P14 | 2.65 | 0.63 | 0.43 | 2.22 | 0.00 |
| P15 | 5.78 | 1.37 | 0.94 | 4.83 | |
| | 3.79 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.92 | 1.32 | 1.32 | 0.01 |
| W2 | 1.40×0.23 | 0.14 | 0.09 | 0.20 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.14 | 0.09 | 0.20 | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W6 | 1.40×0.25 | 0.02 | 0.16 | 0.02 | 0.00 |
| W7 | 1.40×0.25 | 0.02 | 0.16 | 0.02 | 0.00 |
| W8 | 1.40×0.23 | 0.13 | 0.19 | 0.10 | 0.00 |
| W9 | 1.40×0.23 | 0.13 | 0.19 | 0.10 | 0.00 |
| W10 | 3.20×0.23 | 0.31 | 0.22 | 0.45 | |
| W11 | 3.20×0.12 | 0.02 | 0.01 | 0.15 | |
| W12 | 3.20×0.23 | 0.31 | 0.22 | 0.45 | |
| W13 | 3.20×0.12 | 0.02 | 0.01 | 0.15 | |
| W14 | 3.20×0.25 | 0.05 | 0.37 | 0.04 | |
| W15 | 3.20×0.25 | 0.05 | 0.37 | 0.04 | |
| W16 | 3.20×0.23 | 0.31 | 0.43 | 0.23 | |
| W17 | 3.20×0.23 | 0.31 | 0.43 | 0.23 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.12 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.12 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |

| | | | | |
|---|---|---|---|---|
| 2.10×0.23 | | | | 0.00 |
| 合　計 | 13.59 | 15.48 | 26.87 | 0.07 |
| 検　定 | 0.27 | 0.32 | 0.56 | 0.14 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×55.0 | 660.0 | 166375 | 6050 | 10.23 | 1.10 | 61.89 | 48.40 | 0.15 |
| | 係数 | 0.93 | 断面欠損無 | | | | | | | | |

1/X7
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 3.20×0.23 | 0.08 | 0.33 | 0.33 | |
| W5 3.20×0.23 | 0.08 | 0.33 | 0.33 | |
| 2.10×0.23 | | | | 0.00 |
| 2.10×0.23 | | | | 0.00 |
| 合　計 | 0.27 | 1.17 | 1.17 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X7
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.99 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P5 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P6 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P8 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W2 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W3 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W4 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W5 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| W6 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| W8 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| 合　計 | | 12.37 | 6.70 | 8.00 | 0.64 |
| 検　定 | | 0.48 | 0.20 | 0.23 | 0.65 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
Y2
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.14 | 0.20 | 0.20 | 0.02 |
| W2 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.06 |
| W3 1.80×0.11 | 0.18 | 0.26 | 0.26 | |
| W4 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| 0.80×0.11 | | | | 0.01 |
| 0.80×0.38 | | | | 0.04 |
| 合　計 | 1.45 | 2.12 | 2.12 | 0.13 |
| 検　定 | 0.20 | 0.13 | 0.13 | 0.28 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.44 | 0.06 | 0.28 | 0.28 | 0.00 |
| W3 1.80×0.44 | 0.08 | 0.36 | 0.36 | |
| 0.80×0.44 | | | | 0.00 |
| W4 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.11 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.27 | 1.20 | 1.20 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |


| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.44 | 0.06 | 0.28 | 0.28 | 0.00 |
| W3 1.80×0.44 | 0.08 | 0.36 | 0.36 | |
| 0.80×0.44 | | | | 0.00 |
| W4 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.11 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.27 | 1.20 | 1.20 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.12 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又X7
又
Y5

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.10 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 1.80×0.10 | 0.01 | 0.06 | 0.06 | |
| 0.80×0.10 | | | | 0.00 |
| W3 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.14 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
Y5
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.10 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 1.80×0.10 | 0.02 | 0.07 | 0.07 | |
| 0.80×0.10 | | | | 0.00 |
| W3 1.40×0.22 | 0.03 | 0.13 | 0.13 | 0.00 |
| W4 1.80×0.22 | 0.04 | 0.16 | 0.16 | |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.09 | 0.42 | 0.42 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>11.62 | fs<br>1.10 | Ma<br>28.27 | Qa<br>34.32 | δa<br>0.99 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 5.60 | 3.89 | 4.56 | 1.04 | |
| | 5.60 | | | | 0.23 |
| P2 | 0.12 | 0.10 | 0.05 | 0.07 | 0.01 |
| P3 | 0.16 | 0.13 | 0.06 | 0.10 | |
| | 0.07 | | | | 0.00 |
| P4 | 0.55 | 0.38 | 0.44 | 0.10 | 0.02 |
| P5 | 0.14 | 0.10 | 0.12 | 0.03 | 0.01 |
| P6 | 0.19 | 0.13 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.29 | 0.24 | 0.11 | 0.18 | 0.02 |
| P8 | 0.37 | 0.31 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P9 | 1.43 | 1.94 | 0.91 | 0.52 | 0.10 |
| P10 | 1.84 | 2.49 | 1.17 | 0.67 | |
| | 0.82 | | | | 0.06 |
| P11 | 0.82 | 0.57 | 0.67 | 0.15 | 0.03 |
| P12 | 0.35 | 0.24 | 0.28 | 0.06 | 0.01 |
| P13 | 0.44 | 0.31 | 0.36 | 0.08 | |
| | 0.20 | | | | 0.01 |
| W1 | 1.47×0.38 | 1.50 | 0.84 | 0.56 | 0.09 |
| W2 | 1.47×0.37 | 0.51 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.22 | 0.34 | 0.24 | 0.09 | 0.02 |
| W4 | 1.47×0.24 | 0.58 | 0.26 | 0.25 | 0.04 |
| W5 | 1.47×0.26 | 0.36 | 0.17 | 0.69 | 0.03 |
| W6 | 1.80×0.38 | 1.84 | 1.02 | 0.68 | |
| W7 | 1.80×0.37 | 0.63 | 0.29 | 1.20 | |
| W8 | 1.80×0.22 | 0.41 | 0.29 | 0.11 | |
| W9 | 1.80×0.24 | 0.71 | 0.32 | 0.31 | |
| W10 | 1.80×0.26 | 0.44 | 0.20 | 0.85 | |
| | 0.80×0.38 | | | | 0.05 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.26 | | | | 0.02 |
| 合　計 | | 18.14 | 12.89 | 9.01 | 0.87 |
| 検　定 | | 0.64 | 0.38 | 0.26 | 0.88 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.37 | 0.48 | 0.70 | 0.70 | 0.06 |
| W2 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.06 |
| W3 1.80×0.37 | 0.61 | 0.90 | 0.90 | |
| W4 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| 0.80×0.37 | | | | 0.03 |
| 0.80×0.38 | | | | 0.04 |
| 合　計 | 2.22 | 3.25 | 3.25 | 0.19 |
| 検　定 | 0.31 | 0.21 | 0.21 | 0.43 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
Y0
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.25 | 0.05 | 0.18 | 0.18 | 0.00 |
| W3 1.80×0.22 | 0.05 | 0.20 | 0.20 | |
| W4 1.80×0.25 | 0.06 | 0.23 | 0.23 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.20 | 0.77 | 0.77 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.63 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.12 | 0.10 | 0.07 | 0.05 | 0.01 |
| P2 0.16 | 0.13 | 0.09 | 0.06 | |
| 0.07 | | | | 0.01 |
| P3 0.21 | 0.17 | 0.13 | 0.08 | 0.02 |
| P4 0.27 | 0.22 | 0.16 | 0.11 | |
| 0.12 | | | | 0.01 |
| W1 1.40×0.24 | 0.20 | 0.40 | 0.10 | 0.03 |
| W2 1.40×0.33 | 0.52 | 0.31 | 0.71 | 0.07 |
| W3 1.40×0.26 | 0.42 | 0.25 | 0.57 | 0.05 |
| W4 1.40×0.29 | 0.24 | 0.48 | 0.12 | 0.03 |
| W5 1.80×0.24 | 0.26 | 0.51 | 0.13 | |
| W6 1.80×0.33 | 0.67 | 0.40 | 0.92 | |
| W7 1.80×0.26 | 0.54 | 0.32 | 0.73 | |
| W8 1.80×0.29 | 0.31 | 0.62 | 0.15 | |
| 0.80×0.24 | | | | 0.01 |
| 0.80×0.33 | | | | 0.04 |
| 0.80×0.26 | | | | 0.03 |
| 0.80×0.29 | | | | 0.02 |
| 合　計 | 3.76 | 3.73 | 3.73 | 0.32 |
| 検　定 | 0.37 | 0.18 | 0.18 | 0.52 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.37 | 0.31 | 0.17 | 0.20 | 0.03 |
| P2 | 0.21 | 0.18 | 0.10 | 0.11 | 0.01 |
| P3 | 0.27 | 0.23 | 0.12 | 0.15 | |
| | 0.12 | | | | 0.01 |
| P4 | 0.72 | 0.25 | 0.14 | 0.58 | 0.03 |
| P5 | 0.92 | 0.32 | 0.18 | 0.75 | |
| | 0.41 | | | | 0.02 |
| P6 | 0.21 | 0.07 | 0.04 | 0.17 | 0.01 |
| P7 | 0.27 | 0.09 | 0.05 | 0.22 | |
| | 0.12 | | | | 0.00 |
| P8 | 0.81 | 0.67 | 0.37 | 0.44 | 0.05 |
| P9 | 1.04 | 0.87 | 0.48 | 0.56 | |
| | 0.46 | | | | 0.03 |
| P10 | 0.81 | 0.34 | 0.59 | 0.22 | 0.04 |
| P11 | 1.04 | 0.43 | 0.76 | 0.28 | |
| | 0.46 | | | | 0.02 |
| P12 | 0.21 | 0.09 | 0.15 | 0.06 | 0.01 |
| P13 | 0.27 | 0.11 | 0.20 | 0.07 | |
| | 0.12 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.61 | 0.34 | 1.13 | 0.06 |
| W2 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.01 |
| W4 | 1.40×0.23 | 0.18 | 0.17 | 0.12 | 0.02 |
| W5 | 1.40×0.23 | 0.18 | 0.17 | 0.11 | 0.02 |
| W6 | 1.40×0.23 | 0.17 | 0.09 | 0.19 | 0.02 |
| W7 | 1.40×0.23 | 0.17 | 0.09 | 0.20 | 0.02 |
| W8 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.01 |
| W9 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W10 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| W11 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W12 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W13 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W14 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| W15 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| W16 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W17 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 合　計 | | | 6.55 | 6.07 | 7.10 | 0.47 | | |
| | | 検　定 | | | 0.65 | 0.29 | 0.34 | 0.83 | | |
| | | 判　定 | | | ＯＫ | ＯＫ | ＯＫ | ＯＫ | | |
| | | 荷重及び区分 | | | | Ｇ＋Ｐ | | | | |
| 階／通<br>支点 | 材種　E<br>杉　8820 | Ｂ×Ｄ<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb　fs<br>12.76　0.66 | Ma　Qa　δa<br>3.67　6.34　0.15 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/X8<br>又<br>又 | W<br>0.91<br>○　モーメント図<br>Max<br>0.46　0.46<br>○　たわみ図<br>Max<br>0.46　0.46 | 荷重 | Mm | Q1 | Q2 | δm |
| | | W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| | | 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| | | 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| | | 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.02 | 0.04 | 0.17 | 0.00 |
| P2 | 0.27 | 0.02 | 0.05 | 0.21 | |
| | 0.12 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 | 1.40×0.44 | 0.06 | 0.28 | 0.28 | 0.00 |
| W4 | 1.80×0.44 | 0.08 | 0.36 | 0.36 | |
| | 0.80×0.44 | | | | 0.00 |
| W5 | 1.40×0.19 | 0.02 | 0.11 | 0.07 | 0.00 |
| W6 | 1.40×0.10 | 0.00 | 0.00 | 0.02 | 0.00 |
| W7 | 1.80×0.19 | 0.03 | 0.14 | 0.09 | |
| W8 | 1.80×0.10 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.10 | | | | 0.00 |
| 合　計 | | 0.39 | 1.62 | 1.87 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.16 | 0.24 | 0.58 | |
| | 0.82 | | | | 0.00 |
| P2 | 0.70 | 0.13 | 0.21 | 0.49 | 0.00 |
| P3 | 0.17 | 0.03 | 0.05 | 0.12 | 0.00 |
| P4 | 0.21 | 0.04 | 0.06 | 0.15 | |
| | 0.09 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.04 | 0.22 | 0.22 | 0.00 |
| W2 | 0.54×1.67 | 0.02 | 0.04 | 0.21 | 0.00 |
| W3 | 0.54×1.67 | 0.06 | 0.37 | 0.20 | 0.00 |
| W4 | 1.40×0.44 | 0.05 | 0.28 | 0.28 | 0.00 |
| W5 | 1.80×0.44 | 0.07 | 0.36 | 0.36 | |
| | 0.80×0.44 | | | | 0.00 |
| W6 | 1.40×0.24 | 0.02 | 0.14 | 0.08 | 0.00 |
| W7 | 1.80×0.24 | 0.03 | 0.18 | 0.10 | |
| | 0.80×0.24 | | | | 0.00 |
| W8 | 1.40×0.07 | 0.00 | 0.00 | 0.02 | 0.00 |
| W9 | 1.80×0.07 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.07 | | | | 0.00 |
| 合　計 | | 0.66 | 2.16 | 2.82 | 0.00 |
| 検　定 | | 0.04 | 0.08 | 0.11 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.73 | 0.29 | 0.40 | 0.34 | 0.00 |
| P2 | 0.94 | 0.37 | 0.51 | 0.43 | |
| | 0.42 | | | | 0.00 |
| P3 | 0.21 | 0.08 | 0.11 | 0.10 | 0.00 |
| P4 | 0.27 | 0.11 | 0.15 | 0.12 | |
| | 0.12 | | | | 0.00 |
| W1 | 1.40×0.22 | 0.05 | 0.07 | 0.19 | 0.00 |
| W2 | 1.40×0.22 | 0.05 | 0.07 | 0.19 | 0.00 |
| W3 | 1.40×0.19 | 0.04 | 0.14 | 0.04 | 0.00 |
| W4 | 1.40×0.19 | 0.04 | 0.14 | 0.04 | 0.00 |
| W5 | 1.80×0.22 | 0.06 | 0.09 | 0.24 | |
| W6 | 1.80×0.22 | 0.06 | 0.09 | 0.24 | |
| W7 | 1.80×0.19 | 0.05 | 0.18 | 0.05 | |
| W8 | 1.80×0.19 | 0.05 | 0.18 | 0.05 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| 合　計 | | 1.24 | 2.13 | 2.03 | 0.01 |
| 検　定 | | 0.08 | 0.08 | 0.08 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X8
Y2
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.37 | 0.48 | 0.70 | 0.70 | 0.03 |
| W2 | 1.40×0.23 | 0.29 | 0.43 | 0.43 | 0.02 |
| W3 | 1.80×0.37 | 0.61 | 0.90 | 0.90 | |
| W4 | 1.80×0.23 | 0.38 | 0.55 | 0.55 | |
| | 0.80×0.37 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| 合　計 | | 1.76 | 2.58 | 2.58 | 0.06 |
| 検　定 | | 0.14 | 0.12 | 0.12 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y0
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.70×0.03 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.70×1.86 | 0.20 | 0.71 | 0.71 | 0.00 |
| 合　計 | 0.20 | 0.74 | 0.74 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.08 | 0.45 | 0.45 | 0.00 |
| W2 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| W3 1.40×0.28 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.28 | 0.03 | 0.18 | 0.18 | |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.22 | 1.24 | 1.24 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 33.53 | 36.96 | 0.15 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X9
又Y1
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.21 | 0.24 | 0.77 | 0.44 | 0.00 |
| P2 | 1.55 | 0.31 | 0.99 | 0.56 | |
| | 0.69 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.12 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×0.93 | 0.06 | 0.29 | 0.29 | 0.00 |
| W3 | 1.40×0.26 | 0.02 | 0.07 | 0.14 | 0.00 |
| W4 | 1.40×0.17 | 0.01 | 0.06 | 0.01 | 0.00 |
| W5 | 1.80×0.26 | 0.03 | 0.09 | 0.18 | |
| W6 | 1.80×0.17 | 0.01 | 0.08 | 0.02 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 0.81 | 2.91 | 2.22 | 0.00 |
| 検　定 | | 0.02 | 0.08 | 0.06 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | | 断面欠損無 | | | | | | | |

1/X9
又Y1
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 10.56 | 1.10 | 37.26 | 36.96 | 0.15 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.31 | 0.04 | 0.19 | 0.19 | 0.00 |
| W4 1.80×0.31 | 0.06 | 0.25 | 0.25 | |
| 0.80×0.31 | | | | 0.00 |
| 合　計 | 0.30 | 1.30 | 1.30 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>10.56 | fs<br>1.10 | Ma<br>37.26 | Qa<br>36.96 | δa<br>0.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 0.70×1.86 | 0.01 | 0.14 | 0.14 | 0.00 |
| W3 1.40×0.11 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 1.80×0.11 | 0.00 | 0.02 | 0.02 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.02 | 0.31 | 0.31 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.00 | 0.26 | 0.00 | 0.00 |
| P2 | 0.33 | 0.00 | 0.33 | 0.00 | |
| | 0.15 | | | | 0.00 |
| P3 | 1.10 | 0.35 | 0.42 | 0.68 | 0.00 |
| P4 | 0.80 | 0.25 | 0.31 | 0.49 | 0.00 |
| P5 | 0.42 | 0.13 | 0.16 | 0.26 | 0.00 |
| P6 | 0.55 | 0.17 | 0.21 | 0.34 | |
| | 0.24 | | | | 0.00 |
| P7 | 0.71 | 0.22 | 0.53 | 0.18 | 0.00 |
| P8 | 0.52 | 0.16 | 0.39 | 0.13 | 0.00 |
| P9 | 1.44 | 0.45 | 1.07 | 0.37 | 0.00 |
| P10 | 1.85 | 0.58 | 1.38 | 0.47 | |
| | 0.82 | | | | 0.00 |
| P11 | 2.54 | 0.81 | 1.89 | 0.65 | |
| | 2.54 | | | | 0.00 |
| P12 | 0.48 | 0.15 | 0.35 | 0.12 | |
| | 0.48 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.48 | 1.09 | 0.48 | 0.00 |
| W2 | 0.54×1.76 | 0.48 | 0.98 | 0.98 | 0.00 |
| W3 | 0.54×1.67 | 0.35 | 0.79 | 0.35 | 0.00 |
| W4 | 0.54×1.67 | 0.11 | 0.14 | 0.58 | 0.00 |
| W5 | 1.40×0.35 | 0.24 | 0.50 | 0.50 | 0.00 |
| W6 | 1.80×0.35 | 0.31 | 0.64 | 0.64 | |
| | 0.80×0.35 | | | | 0.00 |
| W7 | 1.40×0.41 | 0.01 | 0.01 | 0.02 | 0.00 |
| W8 | 1.40×0.43 | 0.07 | 0.09 | 0.38 | 0.00 |
| W9 | 1.80×0.41 | 0.01 | 0.01 | 0.02 | |
| W10 | 1.80×0.43 | 0.10 | 0.12 | 0.49 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.43 | | | | 0.00 |
| W11 | 1.40×0.35 | 0.15 | 0.20 | 0.16 | 0.00 |
| W12 | 1.40×0.36 | 0.04 | 0.23 | 0.03 | 0.00 |
| W13 | 1.80×0.35 | 0.19 | 0.26 | 0.20 | |
| W14 | 1.80×0.36 | 0.05 | 0.29 | 0.04 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.36 | | | | 0.00 |
| 合　計 | | 5.89 | 12.65 | 8.57 | 0.03 |
| 検　定 | | 0.18 | 0.34 | 0.23 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y2
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.01 | 0.50 | 0.01 | 0.00 |
| P2 | 0.37 | 0.01 | 0.36 | 0.01 | 0.00 |
| P3 | 1.78 | 0.04 | 1.73 | 0.05 | 0.00 |
| P4 | 2.24 | 0.05 | 2.17 | 0.06 | |
| | 0.99 | | | | 0.00 |
| P5 | 1.84 | 0.04 | 1.79 | 0.05 | |
| | 1.84 | | | | 0.00 |
| P6 | 0.35 | 0.01 | 0.34 | 0.01 | |
| | 0.35 | | | | 0.00 |
| P7 | 1.91 | 0.61 | 1.12 | 0.79 | 0.00 |
| P8 | 2.38 | 0.76 | 1.40 | 0.99 | |
| | 1.06 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.21 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.37 | 0.59 | 0.00 |
| W3 | 0.54×1.67 | 0.02 | 0.24 | 0.03 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.22 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.09 | 0.28 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| W6 | 1.40×0.24 | 0.03 | 0.14 | 0.04 | 0.00 |
| W7 | 1.40×0.40 | 0.07 | 0.13 | 0.32 | 0.00 |
| W8 | 1.80×0.24 | 0.04 | 0.18 | 0.05 | |
| W9 | 1.80×0.40 | 0.09 | 0.17 | 0.41 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.40 | | | | 0.00 |
| 合　計 | | 2.35 | 11.78 | 4.54 | 0.01 |
| 検　定 | | 0.08 | 0.34 | 0.13 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.66 | 0.44 | 2.17 | 0.49 | 0.00 |
| P2 | 3.32 | 0.55 | 2.71 | 0.61 | |
| | 1.48 | | | | 0.00 |
| P3 | 2.84 | 0.06 | 0.13 | 2.71 | 0.00 |
| P4 | 3.54 | 0.08 | 0.17 | 3.37 | |
| | 1.57 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.10 | 0.43 | 0.13 | 0.00 |
| W3 | 0.54×1.67 | 0.08 | 0.19 | 0.49 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.22 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| W6 | 1.40×0.10 | 0.00 | 0.03 | 0.00 | 0.00 |
| W7 | 1.40×0.44 | 0.11 | 0.28 | 0.37 | 0.00 |
| W8 | 1.40×0.52 | 0.00 | 0.00 | 0.05 | 0.00 |
| W9 | 1.40×1.01 | 0.00 | 0.00 | 0.09 | 0.00 |
| W10 | 1.80×0.10 | 0.00 | 0.04 | 0.00 | |
| W11 | 1.80×0.44 | 0.15 | 0.36 | 0.47 | |
| W12 | 1.80×0.52 | 0.00 | 0.00 | 0.06 | |
| W13 | 1.80×1.01 | 0.00 | 0.00 | 0.11 | |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.52 | | | | 0.00 |
| | 0.80×1.01 | | | | 0.00 |
| 合　計 | | 1.94 | 7.66 | 10.08 | 0.01 |
| 検　定 | | 0.07 | 0.22 | 0.29 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.09 | 0.11 | 0.11 | 0.00 |
| P2 | 0.27 | 0.11 | 0.14 | 0.14 | |
| | 0.12 | | | | 0.00 |
| P3 | 3.01 | 1.34 | 1.38 | 1.63 | 0.01 |
| P4 | 3.75 | 1.67 | 1.72 | 2.04 | |
| | 1.67 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.00 | 0.00 | 0.06 | 0.00 |
| W2 | 0.54×1.76 | 0.39 | 0.86 | 0.80 | 0.00 |
| W3 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.07 | 0.21 | 0.00 |
| W5 | 1.40×0.23 | 0.06 | 0.21 | 0.07 | 0.00 |
| W6 | 1.80×0.23 | 0.09 | 0.09 | 0.27 | |
| W7 | 1.80×0.23 | 0.07 | 0.27 | 0.09 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W8 | 1.40×0.56 | 0.06 | 0.08 | 0.08 | 0.00 |
| W9 | 1.40×0.68 | 0.18 | 0.18 | 0.61 | 0.00 |
| W10 | 1.40×0.49 | 0.15 | 0.49 | 0.18 | 0.00 |
| W11 | 1.80×0.56 | 0.08 | 0.11 | 0.10 | |
| W12 | 1.80×0.68 | 0.23 | 0.23 | 0.78 | |
| W13 | 1.80×0.49 | 0.19 | 0.63 | 0.23 | |
| | 0.80×0.56 | | | | 0.00 |
| | 0.80×0.68 | | | | 0.00 |
| | 0.80×0.49 | | | | 0.00 |
| 合　計 | | 5.15 | 7.39 | 8.22 | 0.02 |
| 検　定 | | 0.20 | 0.22 | 0.24 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9

又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.03 | 0.09 | 0.12 | 0.00 |
| P2 | 0.27 | 0.04 | 0.11 | 0.16 | |
| | 0.12 | | | | 0.00 |
| P3 | 0.32 | 0.05 | 0.27 | 0.04 | 0.00 |
| P4 | 3.73 | 0.62 | 3.21 | 0.52 | 0.00 |
| P5 | 4.52 | 0.75 | 3.88 | 0.63 | |
| | 2.01 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.13 | 0.35 | 0.64 | 0.00 |
| W2 | 0.54×1.67 | 0.07 | 0.35 | 0.06 | 0.00 |
| W3 | 1.40×0.23 | 0.05 | 0.20 | 0.08 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.03 | 0.11 | 0.00 |
| W5 | 1.80×0.23 | 0.07 | 0.26 | 0.11 | |
| W6 | 1.80×0.16 | 0.01 | 0.04 | 0.15 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| W7 | 1.40×0.19 | 0.05 | 0.15 | 0.20 | 0.00 |
| W8 | 1.40×0.08 | 0.02 | 0.06 | 0.08 | 0.00 |
| W9 | 1.40×0.12 | 0.00 | 0.03 | 0.00 | 0.00 |
| W10 | 1.80×0.19 | 0.07 | 0.19 | 0.26 | |
| W11 | 1.80×0.08 | 0.03 | 0.08 | 0.10 | |
| W12 | 1.80×0.12 | 0.00 | 0.04 | 0.00 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.08 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 2.01 | 9.34 | 3.27 | 0.01 |
| 検　定 | | 0.08 | 0.27 | 0.10 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 28.91 | 34.32 | 0.30 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X9
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.08 | 0.13 | 0.08 | 0.00 |
| P2 | 0.27 | 0.10 | 0.16 | 0.11 | |
| | 0.12 | | | | 0.00 |
| P3 | 0.70 | 0.09 | 0.10 | 0.60 | 0.00 |
| P4 | 0.17 | 0.02 | 0.02 | 0.14 | 0.00 |
| P5 | 0.21 | 0.03 | 0.03 | 0.18 | |
| | 0.09 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.02 | 0.23 | 0.00 |
| W2 | 0.54×1.67 | 0.36 | 0.80 | 0.60 | 0.00 |
| W3 | 1.40×0.19 | 0.03 | 0.15 | 0.04 | 0.00 |
| W4 | 1.40×0.21 | 0.08 | 0.09 | 0.15 | 0.00 |
| W5 | 1.80×0.19 | 0.04 | 0.19 | 0.05 | |
| W6 | 1.80×0.21 | 0.10 | 0.11 | 0.19 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.21 | | | | 0.00 |
| W7 | 1.40×0.30 | 0.17 | 0.37 | 0.37 | 0.00 |
| W8 | 1.80×0.30 | 0.22 | 0.48 | 0.48 | |
| | 0.80×0.30 | | | | 0.00 |
| W9 | 1.40×0.07 | 0.00 | 0.00 | 0.02 | 0.00 |
| W10 | 1.80×0.07 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.07 | | | | 0.00 |
| 合　計 | | 1.34 | 2.67 | 3.26 | 0.01 |
| 検　定 | | 0.05 | 0.08 | 0.10 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.87 | 0.63 | 0.63 | 1.25 | 0.00 |
| P2 | 2.33 | 0.78 | 0.78 | 1.55 | |
| | 1.04 | | | | 0.00 |
| P3 | 0.21 | 0.06 | 0.11 | 0.10 | 0.00 |
| P4 | 0.27 | 0.07 | 0.15 | 0.12 | |
| | 0.12 | | | | 0.00 |
| W1 | 1.40×0.22 | 0.06 | 0.07 | 0.19 | 0.00 |
| W2 | 1.40×0.19 | 0.02 | 0.14 | 0.04 | 0.00 |
| W3 | 1.40×0.44 | 0.12 | 0.42 | 0.21 | 0.00 |
| W4 | 1.40×0.46 | 0.04 | 0.04 | 0.06 | 0.00 |
| W5 | 1.40×0.46 | 0.06 | 0.06 | 0.28 | 0.00 |
| W6 | 1.80×0.22 | 0.07 | 0.09 | 0.24 | |
| W7 | 1.80×0.19 | 0.03 | 0.18 | 0.05 | |
| W8 | 1.80×0.44 | 0.16 | 0.55 | 0.27 | |
| W9 | 1.80×0.46 | 0.05 | 0.05 | 0.08 | |
| W10 | 1.80×0.46 | 0.07 | 0.07 | 0.36 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| 合　計 | | 2.21 | 3.34 | 4.81 | 0.01 |
| 検　定 | | 0.09 | 0.10 | 0.14 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 |
| P2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| P3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 0.00 | | | | 0.00 |
| P4 | 0.15 | 0.03 | 0.09 | 0.06 | 0.00 |
| P5 | 0.33 | 0.06 | 0.21 | 0.13 | |
| | 0.22 | | | | 0.00 |
| P6 | 1.33 | 0.35 | 0.39 | 0.94 | 0.00 |
| P7 | 3.04 | 0.81 | 0.89 | 2.15 | |
| | 1.99 | | | | 0.01 |
| P8 | 0.32 | 0.07 | 0.08 | 0.25 | 0.00 |
| P9 | 0.74 | 0.16 | 0.17 | 0.57 | |
| | 0.48 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.25 | 0.05 | 0.21 | 0.12 | 0.00 |
| W3 | 1.40×0.20 | 0.01 | 0.02 | 0.10 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.09 | 0.02 | 0.00 |
| W5 | 1.40×0.26 | 0.05 | 0.08 | 0.11 | 0.00 |
| W6 | 1.40×0.47 | 0.02 | 0.02 | 0.19 | 0.00 |
| W7 | 3.20×0.25 | 0.12 | 0.48 | 0.26 | |
| W8 | 3.20×0.20 | 0.03 | 0.04 | 0.22 | |
| W9 | 3.20×0.16 | 0.02 | 0.21 | 0.05 | |
| W10 | 3.20×0.26 | 0.11 | 0.18 | 0.25 | |
| W11 | 3.20×0.47 | 0.05 | 0.06 | 0.42 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.16 | | | | 0.00 |
| | 2.10×0.26 | | | | 0.00 |
| | 2.10×0.47 | | | | 0.00 |
| 合　計 | | 2.15 | 3.86 | 6.46 | 0.03 |
| 検　定 | | 0.21 | 0.18 | 0.31 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.30 | 0.29 | 0.61 | 0.69 | 0.00 |
| P2 | 2.97 | 0.66 | 1.40 | 1.57 | |
| | 1.95 | | | | 0.00 |
| P3 | 0.58 | 0.08 | 0.14 | 0.44 | 0.00 |
| P4 | 1.33 | 0.17 | 0.32 | 1.01 | |
| | 0.87 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.23 | 0.23 | 0.00 |
| W2 | 1.40×0.25 | 0.02 | 0.13 | 0.05 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.03 | 0.11 | 0.00 |
| W4 | 1.40×0.77 | 0.02 | 0.03 | 0.22 | 0.00 |
| W5 | 1.40×0.29 | 0.04 | 0.19 | 0.11 | 0.00 |
| W6 | 3.20×0.25 | 0.04 | 0.30 | 0.11 | |
| W7 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| W8 | 3.20×0.77 | 0.04 | 0.07 | 0.50 | |
| W9 | 3.20×0.29 | 0.09 | 0.42 | 0.26 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.77 | | | | 0.00 |
| | 2.10×0.29 | | | | 0.00 |
| 合　計 | | 1.56 | 3.95 | 5.54 | 0.01 |
| 検　定 | | 0.15 | 0.19 | 0.26 | 0.06 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.16 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.23 | 0.23 | 0.00 |
| 合　計 | 0.05 | 0.23 | 0.23 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又Y6
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y6
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.30 | 0.30 | 0.65 | 0.65 | 0.00 |
| P2 | 2.97 | 0.68 | 1.49 | 1.49 | |
| | 1.95 | | | | 0.00 |
| P3 | 0.75 | 0.03 | 0.08 | 0.67 | 0.00 |
| P4 | 1.72 | 0.08 | 0.17 | 1.54 | |
| | 1.13 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W4 | 1.40×0.53 | 0.00 | 0.01 | 0.06 | 0.00 |
| W5 | 1.40×1.01 | 0.00 | 0.01 | 0.12 | 0.00 |
| W6 | 1.40×0.38 | 0.05 | 0.23 | 0.19 | 0.00 |
| W7 | 3.20×0.23 | 0.04 | 0.25 | 0.08 | |
| W8 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| W9 | 3.20×0.53 | 0.01 | 0.02 | 0.13 | |
| W10 | 3.20×1.01 | 0.01 | 0.01 | 0.28 | |
| W11 | 3.20×0.38 | 0.12 | 0.54 | 0.44 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.53 | | | | 0.00 |
| | 2.10×1.01 | | | | 0.00 |
| | 2.10×0.38 | | | | 0.00 |
| 合　計 | | 1.44 | 3.90 | 6.27 | 0.01 |
| 検　定 | | 0.14 | 0.18 | 0.30 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.30 | 0.30 | 0.65 | 0.65 | 0.00 |
| P2 | 2.97 | 0.68 | 1.49 | 1.49 | |
| | 1.95 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.40×0.51 | 0.07 | 0.32 | 0.32 | 0.00 |
| W5 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| W6 | 3.20×0.23 | 0.04 | 0.25 | 0.08 | |
| W7 | 3.20×0.51 | 0.17 | 0.73 | 0.73 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.51 | | | | 0.00 |
| 合　計 | | 1.37 | 3.88 | 3.88 | 0.01 |
| 検　定 | | 0.12 | 0.18 | 0.18 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又Y7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y7
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.01 | 0.23 | 0.51 | 0.51 | 0.00 |
| P2 | 2.31 | 0.53 | 1.16 | 1.16 | |
| | 1.52 | | | | 0.00 |
| P3 | 0.92 | 0.02 | 0.87 | 0.05 | 0.00 |
| P4 | 2.10 | 0.05 | 1.99 | 0.11 | |
| | 1.38 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W4 | 1.40×2.60 | 0.00 | 0.17 | 0.00 | 0.00 |
| W5 | 1.40×0.67 | 0.10 | 0.38 | 0.42 | 0.00 |
| W6 | 1.40×0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| W7 | 3.20×0.23 | 0.04 | 0.25 | 0.08 | |
| W8 | 3.20×0.12 | 0.02 | 0.04 | 0.12 | |
| W9 | 3.20×2.60 | 0.01 | 0.40 | 0.01 | |
| W10 | 3.20×0.67 | 0.22 | 0.87 | 0.97 | |
| W11 | 3.20×0.03 | 0.00 | 0.00 | 0.00 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.12 | | | | 0.00 |
| | 2.10×2.60 | | | | 0.00 |
| | 2.10×0.67 | | | | 0.00 |
| | 2.10×0.03 | | | | 0.00 |
| 合　計 | | 1.28 | 6.97 | 3.74 | 0.01 |
| 検　定 | | 0.13 | 0.33 | 0.18 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.04 | 0.14 | 0.82 | 0.22 | 0.00 |
| P2 | 2.38 | 0.32 | 1.88 | 0.50 | |
| | 1.56 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.04 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.40×0.11 | 0.00 | 0.02 | 0.00 | 0.00 |
| W4 | 1.40×1.13 | 0.02 | 0.27 | 0.03 | 0.00 |
| W5 | 1.40×0.52 | 0.05 | 0.20 | 0.31 | 0.00 |
| W6 | 3.20×0.23 | 0.06 | 0.33 | 0.33 | |
| W7 | 3.20×0.11 | 0.00 | 0.06 | 0.01 | |
| W8 | 3.20×1.13 | 0.05 | 0.62 | 0.07 | |
| W9 | 3.20×0.52 | 0.12 | 0.47 | 0.72 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.11 | | | | 0.00 |
| | 2.10×1.13 | | | | 0.00 |
| | 2.10×0.52 | | | | 0.00 |
| 合　計 | | 0.83 | 5.04 | 2.55 | 0.00 |
| 検　定 | | 0.07 | 0.24 | 0.12 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.60 | Z<br>4050<br>×0.60 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.66 | Qa<br>39.60 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又Y1
又X11
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | -0.13 | 0.00 | 0.21 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.70 | -0.10 | 0.00 | 0.33 | 0.00 |
| 合　計 | | -0.23 | 0.00 | 0.54 | 0.00 |
| 検　定 | | 0.01 | 0.00 | 0.01 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.03 | 0.98 | 1.20 | 1.83 | |
| | 3.03 | | | | 0.00 |
| P2 | 0.56 | 0.18 | 0.22 | 0.34 | 0.00 |
| P3 | 0.41 | 0.13 | 0.16 | 0.25 | 0.00 |
| P4 | 0.22 | 0.07 | 0.09 | 0.13 | 0.00 |
| P5 | 0.28 | 0.09 | 0.11 | 0.17 | |
| | 0.12 | | | | 0.00 |
| P6 | 0.85 | 0.21 | 0.64 | 0.21 | 0.00 |
| P7 | 0.62 | 0.16 | 0.47 | 0.16 | 0.00 |
| P8 | 1.59 | 0.40 | 1.19 | 0.40 | 0.00 |
| P9 | 2.04 | 0.51 | 1.53 | 0.51 | |
| | 0.91 | | | | 0.00 |
| P10 | 1.83 | 0.46 | 1.37 | 0.46 | |
| | 1.83 | | | | 0.00 |
| P11 | 1.28 | 0.32 | 0.96 | 0.32 | |
| | 1.28 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.36 | 0.95 | 0.41 | 0.00 |
| W2 | 0.70×1.86 | 0.38 | 1.00 | 0.43 | 0.00 |
| W3 | 0.70×1.77 | 0.14 | 0.18 | 0.72 | 0.00 |
| W4 | 0.70×1.86 | 0.15 | 0.18 | 0.75 | 0.00 |
| W5 | 0.70 | 0.16 | 0.42 | 0.18 | 0.00 |
| W6 | 1.40×0.24 | 0.04 | 0.05 | 0.19 | 0.00 |
| W7 | 1.80×0.24 | 0.05 | 0.06 | 0.24 | |
| | 0.80×0.24 | | | | 0.00 |
| W8 | 1.40×0.81 | 0.06 | 0.45 | 0.06 | 0.00 |
| W9 | 1.40×0.24 | 0.08 | 0.12 | 0.09 | 0.00 |
| W10 | 1.80×0.81 | 0.08 | 0.58 | 0.08 | |
| W11 | 1.80×0.24 | 0.10 | 0.15 | 0.11 | |
| | 0.80×0.81 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 5.12 | 12.08 | 8.04 | 0.02 |
| 検　定 | | 0.13 | 0.30 | 0.20 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×3.27 | 0.24 | 1.04 | 1.04 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.07 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.80×0.07 | 0.01 | 0.06 | 0.06 | |
| 0.80×0.07 | | | | 0.00 |
| 合　計 | 0.39 | 1.73 | 1.73 | 0.00 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又

P1,2,3,4,5,6,7,8,9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.33 | 1.13 | 1.76 | 1.57 | |
| | 3.33 | | | | 0.02 |
| P2 | 0.56 | 0.19 | 0.30 | 0.27 | 0.00 |
| P3 | 0.41 | 0.14 | 0.22 | 0.19 | 0.00 |
| P4 | 0.22 | 0.07 | 0.11 | 0.10 | 0.00 |
| P5 | 0.28 | 0.10 | 0.15 | 0.13 | |
| | 0.12 | | | | 0.00 |
| P6 | 0.65 | 0.22 | 0.34 | 0.31 | 0.00 |
| P7 | 0.47 | 0.16 | 0.25 | 0.22 | 0.00 |
| P8 | 0.25 | 0.08 | 0.13 | 0.12 | 0.00 |
| P9 | 0.32 | 0.11 | 0.17 | 0.15 | |
| | 0.14 | | | | 0.00 |
| W1 | 1.40×0.27 | 0.04 | 0.07 | 0.20 | 0.00 |
| W2 | 1.40×0.23 | 0.04 | 0.06 | 0.17 | 0.00 |
| W3 | 1.80×0.27 | 0.06 | 0.09 | 0.25 | |
| W4 | 1.80×0.23 | 0.05 | 0.08 | 0.21 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W5 | 1.40×0.27 | 0.04 | 0.18 | 0.06 | 0.00 |
| W6 | 1.40×0.23 | 0.03 | 0.15 | 0.05 | 0.00 |
| W7 | 1.80×0.27 | 0.05 | 0.24 | 0.07 | |
| W8 | 1.80×0.23 | 0.04 | 0.20 | 0.06 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.57 | 4.49 | 4.14 | 0.03 |
| 検　定 | | 0.25 | 0.21 | 0.20 | 0.14 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又

P1,2,3,4,5,6,7,8,9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 8.29 | 2.82 | 4.37 | 3.92 | |
| | 8.29 | | | | 0.02 |
| P2 | 0.65 | 0.22 | 0.34 | 0.31 | 0.00 |
| P3 | 0.47 | 0.16 | 0.25 | 0.22 | 0.00 |
| P4 | 0.25 | 0.08 | 0.13 | 0.12 | 0.00 |
| P5 | 0.32 | 0.11 | 0.17 | 0.15 | |
| | 0.14 | | | | 0.00 |
| P6 | 1.10 | 0.38 | 0.58 | 0.52 | 0.00 |
| P7 | 0.80 | 0.27 | 0.42 | 0.38 | 0.00 |
| P8 | 0.42 | 0.14 | 0.22 | 0.20 | 0.00 |
| P9 | 0.55 | 0.19 | 0.29 | 0.26 | |
| | 0.24 | | | | 0.00 |
| W1 | 1.40×0.26 | 0.04 | 0.07 | 0.19 | 0.00 |
| W2 | 1.40×0.51 | 0.09 | 0.13 | 0.37 | 0.00 |
| W3 | 1.80×0.26 | 0.06 | 0.09 | 0.25 | |
| W4 | 1.80×0.51 | 0.11 | 0.17 | 0.48 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.51 | | | | 0.00 |
| W5 | 1.40×0.41 | 0.06 | 0.28 | 0.09 | 0.00 |
| W6 | 1.40×0.26 | 0.04 | 0.18 | 0.05 | 0.00 |
| W7 | 1.80×0.41 | 0.08 | 0.36 | 0.11 | |
| W8 | 1.80×0.26 | 0.05 | 0.23 | 0.07 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 4.90 | 8.28 | 7.68 | 0.03 |
| 検　定 | | 0.31 | 0.31 | 0.29 | 0.14 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 1.40×0.19 | 0.03 | 0.12 | 0.12 | 0.00 |
| W4 1.80×0.19 | 0.04 | 0.16 | 0.16 | |
| 0.80×0.19 | | | | 0.00 |
| W5 1.40×0.16 | 0.02 | 0.10 | 0.10 | 0.00 |
| W6 1.80×0.16 | 0.03 | 0.12 | 0.12 | |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | 0.07 | 0.11 | 0.11 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.36 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×3.27 | 1.37 | 2.50 | 2.50 | 0.05 |
| W2 0.70×1.86 | 0.78 | 1.42 | 1.42 | 0.03 |
| W3 1.40×0.15 | 0.12 | 0.23 | 0.23 | 0.00 |
| W4 1.80×0.15 | 0.16 | 0.29 | 0.29 | |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 2.43 | 4.44 | 4.44 | 0.08 |
| 検　定 | 0.19 | 0.21 | 0.21 | 0.22 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.41 | 0.29 | 1.06 | 0.35 | 0.00 |
| P2 | 1.75 | 0.36 | 1.31 | 0.44 | |
| | 0.78 | | | | 0.00 |
| P3 | 2.21 | 0.55 | 0.55 | 1.66 | 0.00 |
| P4 | 2.74 | 0.69 | 0.68 | 2.06 | |
| | 1.22 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.53 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.80 | 0.05 | 0.45 | 0.06 | 0.00 |
| W4 | 1.40×0.80 | 0.34 | 0.51 | 0.51 | 0.00 |
| W5 | 1.40×0.77 | 0.06 | 0.06 | 0.43 | 0.00 |
| W6 | 1.80×0.80 | 0.07 | 0.57 | 0.08 | |
| W7 | 1.80×0.80 | 0.44 | 0.66 | 0.66 | |
| W8 | 1.80×0.77 | 0.08 | 0.08 | 0.55 | |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.77 | | | | 0.00 |
| 合　計 | | 3.97 | 8.24 | 9.10 | 0.01 |
| 検　定 | | 0.10 | 0.21 | 0.23 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.01 |
| W2 | 0.54×1.67 | 0.12 | 0.47 | 0.47 | 0.00 |
| W3 | 1.40×0.19 | 0.04 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.19 | 0.05 | 0.18 | 0.18 | |
| | 0.80×0.19 | | | | 0.00 |
| W5 | 1.40×0.16 | 0.03 | 0.11 | 0.11 | 0.00 |
| W6 | 1.80×0.16 | 0.04 | 0.14 | 0.14 | |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.44 | 1.69 | 1.69 | 0.01 |
| 検　定 | | 0.09 | 0.13 | 0.13 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>33.53 | Qa<br>36.96 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.92 | 0.74 | 0.54 | 0.39 | 0.01 |
| P2 | 0.67 | 0.54 | 0.39 | 0.28 | 0.01 |
| P3 | 1.01 | 0.81 | 0.59 | 0.42 | 0.01 |
| P4 | 1.30 | 1.04 | 0.76 | 0.55 | |
| | 0.58 | | | | 0.01 |
| P5 | 4.37 | 3.48 | 2.54 | 1.83 | |
| | 4.37 | | | | 0.05 |
| P6 | 0.64 | 0.25 | 0.17 | 0.47 | 0.01 |
| P7 | 0.47 | 0.18 | 0.13 | 0.34 | 0.00 |
| P8 | 0.71 | 0.28 | 0.19 | 0.52 | 0.01 |
| P9 | 0.92 | 0.36 | 0.25 | 0.67 | |
| | 0.41 | | | | 0.00 |
| P10 | 1.76 | 0.69 | 0.48 | 1.28 | |
| | 1.76 | | | | 0.01 |
| W1 | 1.40×0.18 | 0.14 | 0.28 | 0.07 | 0.00 |
| W2 | 1.40×0.11 | 0.20 | 0.24 | 0.24 | 0.00 |
| W3 | 1.40×0.17 | 0.15 | 0.11 | 0.14 | 0.00 |
| W4 | 1.40×0.17 | 0.04 | 0.03 | 0.19 | 0.00 |
| W5 | 1.80×0.18 | 0.18 | 0.36 | 0.09 | |
| W6 | 1.80×0.11 | 0.25 | 0.31 | 0.31 | |
| W7 | 1.80×0.17 | 0.20 | 0.14 | 0.18 | |
| W8 | 1.80×0.17 | 0.06 | 0.04 | 0.24 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 9.60 | 7.52 | 8.21 | 0.13 |
| 検　定 | | 0.29 | 0.20 | 0.22 | 0.23 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X10
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.49 | 1.10 | 1.10 | 0.03 |
| W2 | 0.54×1.67 | 0.36 | 0.80 | 0.80 | 0.02 |
| W3 | 1.40×0.20 | 0.11 | 0.24 | 0.24 | 0.01 |
| W4 | 1.80×0.20 | 0.14 | 0.31 | 0.31 | |
| | 0.80×0.20 | | | | 0.00 |
| W5 | 1.40×0.15 | 0.08 | 0.18 | 0.18 | 0.00 |
| W6 | 1.80×0.15 | 0.10 | 0.23 | 0.23 | |
| | 0.80×0.15 | | | | 0.00 |
| 合　計 | | 1.28 | 2.88 | 2.88 | 0.06 |
| 検　定 | | 0.18 | 0.18 | 0.18 | 0.21 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又Y2

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.55 | 0.58 | 1.28 | 1.28 | 0.00 |
| P2 | 3.17 | 0.72 | 1.59 | 1.59 | |
| | 1.41 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.84 | 0.06 | 0.40 | 0.13 | 0.00 |
| W4 | 1.40×0.77 | 0.06 | 0.12 | 0.37 | 0.00 |
| W5 | 1.80×0.84 | 0.08 | 0.51 | 0.17 | |
| W6 | 1.80×0.77 | 0.07 | 0.16 | 0.47 | |
| | 0.80×0.84 | | | | 0.00 |
| | 0.80×0.77 | | | | 0.00 |
| 合　計 | | 1.83 | 5.21 | 5.16 | 0.00 |
| 検　定 | | 0.05 | 0.13 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.80 | 0.03 | 0.25 | 0.25 | 0.00 |
| W2 1.40×0.28 | 0.01 | 0.09 | 0.09 | 0.00 |
| W3 1.80×0.80 | 0.04 | 0.32 | 0.32 | |
| W4 1.80×0.28 | 0.01 | 0.11 | 0.11 | |
| 0.80×0.80 | | | | 0.00 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.09 | 0.78 | 0.78 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X10
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.39 | 0.06 | 0.24 | 0.24 | 0.00 |
| W2 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.39 | 0.07 | 0.31 | 0.31 | |
| W4 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| 0.80×0.39 | | | | 0.00 |
| 0.80×0.80 | | | | 0.00 |
| 合　計 | 0.39 | 1.71 | 1.71 | 0.01 |
| 検　定 | 0.08 | 0.13 | 0.13 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.69 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y2
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.83 | 0.85 | 0.39 | 0.44 | 0.02 |
| P2 | 0.60 | 0.62 | 0.28 | 0.32 | 0.02 |
| P3 | 1.02 | 1.05 | 0.48 | 0.54 | 0.03 |
| P4 | 1.32 | 1.35 | 0.62 | 0.70 | |
| | 0.58 | | | | 0.02 |
| P5 | 3.92 | 4.03 | 1.84 | 2.07 | |
| | 3.92 | | | | 0.12 |
| P6 | 0.57 | 0.27 | 0.13 | 0.45 | 0.01 |
| P7 | 0.42 | 0.20 | 0.09 | 0.33 | 0.01 |
| P8 | 0.69 | 0.33 | 0.15 | 0.54 | 0.01 |
| P9 | 0.88 | 0.42 | 0.19 | 0.69 | |
| | 0.39 | | | | 0.01 |
| P10 | 1.57 | 0.75 | 0.35 | 1.23 | |
| | 1.57 | | | | 0.03 |
| P11 | 0.34 | 0.16 | 0.26 | 0.08 | 0.01 |
| P12 | 0.44 | 0.20 | 0.34 | 0.10 | |
| | 0.20 | | | | 0.00 |
| W1 | 1.47×0.17 | 0.20 | 0.09 | 0.17 | 0.01 |
| W2 | 1.47×0.17 | 0.27 | 0.39 | 0.14 | 0.01 |
| W3 | 1.47×0.13 | 0.35 | 0.22 | 0.36 | 0.01 |
| W4 | 1.47×0.17 | 0.05 | 0.03 | 0.20 | 0.00 |
| W5 | 1.47×0.13 | 0.04 | 0.16 | 0.02 | 0.00 |
| W6 | 1.80×0.17 | 0.24 | 0.11 | 0.21 | |
| W7 | 1.80×0.17 | 0.34 | 0.48 | 0.17 | |
| W8 | 1.80×0.13 | 0.43 | 0.27 | 0.44 | |
| W9 | 1.80×0.17 | 0.07 | 0.03 | 0.25 | |
| W10 | 1.80×0.13 | 0.05 | 0.20 | 0.03 | |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.01 |
| | 0.80×0.13 | | | | 0.01 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 12.29 | 7.10 | 9.46 | 0.34 |
| 検　定 | | 0.48 | 0.21 | 0.28 | 0.49 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>38.49 | Qa<br>39.60 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y2
又X14
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.90 | 0.66 | 1.45 | 1.45 | 0.00 |
| P2 | 3.60 | 0.82 | 1.80 | 1.80 | |
| | 1.60 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.84 | 0.06 | 0.40 | 0.13 | 0.00 |
| W4 | 1.40×0.77 | 0.06 | 0.12 | 0.37 | 0.00 |
| W5 | 1.80×0.84 | 0.08 | 0.51 | 0.17 | |
| W6 | 1.80×0.77 | 0.07 | 0.16 | 0.47 | |
| | 0.80×0.84 | | | | 0.00 |
| | 0.80×0.77 | | | | 0.00 |
| 合　計 | | 2.01 | 5.59 | 5.54 | 0.00 |
| 検　定 | | 0.05 | 0.14 | 0.14 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 0.74 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X9
又Y2
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.75 | 0.60 | 0.54 | 0.21 | 0.02 |
| P2 | 0.96 | 0.77 | 0.69 | 0.27 | |
| | 0.43 | | | | 0.01 |
| P3 | 0.34 | 0.27 | 0.25 | 0.09 | 0.01 |
| P4 | 0.44 | 0.35 | 0.32 | 0.12 | |
| | 0.20 | | | | 0.01 |
| W1 | 1.47×0.11 | 0.26 | 0.17 | 0.31 | 0.01 |
| W2 | 1.47×0.10 | 0.07 | 0.15 | 0.03 | 0.00 |
| W3 | 1.47×0.26 | 0.18 | 0.39 | 0.06 | 0.01 |
| W4 | 1.47×0.24 | 0.60 | 0.40 | 0.71 | 0.03 |
| W5 | 1.80×0.11 | 0.32 | 0.21 | 0.38 | |
| W6 | 1.80×0.10 | 0.09 | 0.19 | 0.03 | |
| W7 | 1.80×0.26 | 0.22 | 0.48 | 0.08 | |
| W8 | 1.80×0.24 | 0.74 | 0.49 | 0.87 | |
| | 0.80×0.11 | | | | 0.01 |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.02 |
| 合　計 | | 4.47 | 4.29 | 3.16 | 0.12 |
| 検　定 | | 0.17 | 0.13 | 0.09 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.15 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又X10
又Y2
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.52 | 0.07 | 0.33 | 0.33 | 0.00 |
| W2 | 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 | 1.80×0.52 | 0.10 | 0.42 | 0.42 | |
| W4 | 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| | 0.80×0.52 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| 合　計 | | 0.43 | 1.90 | 1.90 | 0.01 |
| 検　定 | | 0.09 | 0.14 | 0.14 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>10.56 | fs<br>1.10 | Ma<br>42.77 | Qa<br>39.60 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.03 | 0.28 | 0.28 | 0.00 |
| W2 | 0.70×1.86 | 0.03 | 0.30 | 0.29 | 0.00 |
| W3 | 1.40×0.84 | 0.03 | 0.27 | 0.27 | 0.00 |
| W4 | 1.80×0.84 | 0.04 | 0.34 | 0.34 | |
| | 0.80×0.84 | | | | 0.00 |
| 合　計 | | 0.13 | 1.19 | 1.19 | 0.00 |
| 検　定 | | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.17 | 0.05 | 0.11 | 0.06 | 0.00 |
| P2 | 0.37 | 0.10 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70 | 0.14 | 0.44 | 0.44 | 0.00 |
| W2 | 0.59×0.42 | 0.04 | 0.08 | 0.15 | 0.00 |
| W3 | 0.59×0.42 | 0.02 | 0.09 | 0.02 | 0.00 |
| W4 | 1.30×0.42 | 0.09 | 0.17 | 0.33 | |
| W5 | 1.30×0.42 | 0.03 | 0.21 | 0.04 | |
| | 0.60×0.42 | | | | 0.00 |
| | 0.60×0.42 | | | | 0.00 |
| 合　計 | | 0.47 | 1.34 | 1.16 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.23 | 0.98 | 1.08 | 2.15 | 0.00 |
| P2 | 3.89 | 1.18 | 1.30 | 2.59 | |
| | 1.73 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.80 | 0.15 | 0.68 | 0.34 | 0.00 |
| W4 | 1.40×0.26 | 0.02 | 0.03 | 0.13 | 0.00 |
| W5 | 1.80×0.80 | 0.20 | 0.87 | 0.44 | |
| W6 | 1.80×0.26 | 0.03 | 0.03 | 0.17 | |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 3.09 | 5.72 | 7.56 | 0.01 |
| 検　定 | | 0.11 | 0.17 | 0.22 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.65 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 | 1.80×0.65 | 0.12 | 0.53 | 0.53 | |
| W4 | 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| | 0.80×0.65 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| 合　計 | | 0.47 | 2.09 | 2.09 | 0.01 |
| 検　定 | | 0.10 | 0.16 | 0.16 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 25.70 | 34.32 | 0.82 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X9
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.83 | 0.92 | 0.54 | 0.29 | 0.04 |
| P2 | 1.07 | 1.18 | 0.69 | 0.38 | |
| | 0.47 | | | | 0.02 |
| P3 | 0.75 | 0.83 | 0.48 | 0.27 | 0.03 |
| P4 | 0.96 | 1.06 | 0.62 | 0.34 | |
| | 0.43 | | | | 0.02 |
| W1 | 1.47×0.21 | 0.29 | 0.43 | 0.09 | 0.01 |
| W2 | 1.47×0.22 | 0.60 | 0.33 | 0.69 | 0.04 |
| W3 | 1.47×0.25 | 0.35 | 0.52 | 0.11 | 0.02 |
| W4 | 1.47×0.24 | 0.65 | 0.36 | 0.75 | 0.04 |
| W5 | 1.80×0.21 | 0.36 | 0.53 | 0.11 | |
| W6 | 1.80×0.22 | 0.73 | 0.40 | 0.84 | |
| W7 | 1.80×0.25 | 0.43 | 0.64 | 0.14 | |
| W8 | 1.80×0.24 | 0.80 | 0.44 | 0.92 | |
| | 0.80×0.21 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.02 |
| | 0.80×0.25 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.02 |
| 合　計 | | 8.20 | 5.98 | 4.95 | 0.27 |
| 検　定 | | 0.32 | 0.17 | 0.14 | 0.33 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X17
又Y３

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.11 | 0.03 | 0.07 | 0.04 | 0.00 |
| P2 | 0.24 | 0.06 | 0.16 | 0.08 | |
| | 0.11 | | | | 0.00 |
| P3 | 0.17 | 0.05 | 0.11 | 0.06 | 0.00 |
| P4 | 0.37 | 0.10 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70×1.86 | 0.29 | 0.88 | 0.88 | 0.01 |
| W2 | 0.59×0.28 | 0.03 | 0.05 | 0.10 | 0.00 |
| W3 | 0.59×0.27 | 0.01 | 0.06 | 0.01 | 0.00 |
| W4 | 0.59×0.41 | 0.04 | 0.07 | 0.15 | 0.00 |
| W5 | 0.59×0.42 | 0.02 | 0.09 | 0.02 | 0.00 |
| W6 | 1.30×0.28 | 0.06 | 0.11 | 0.21 | |
| W7 | 1.30×0.27 | 0.02 | 0.13 | 0.03 | |
| W8 | 1.30×0.41 | 0.09 | 0.16 | 0.32 | |
| W9 | 1.30×0.42 | 0.03 | 0.20 | 0.04 | |
| | 0.60×0.28 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.41 | | | | 0.00 |
| | 0.60×0.42 | | | | 0.00 |
| 合　計 | | 0.82 | 2.35 | 2.06 | 0.02 |
| 検　定 | | 0.14 | 0.15 | 0.13 | 0.11 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.13 | 0.03 | 0.06 | 0.06 | 0.00 |
| W2 1.30×0.13 | 0.06 | 0.13 | 0.13 | |
| 0.60×0.13 | | | | 0.00 |
| 合　計 | 0.08 | 0.19 | 0.19 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.78 | 0.11 | 0.49 | 0.49 | 0.00 |
| W2 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.78 | 0.14 | 0.63 | 0.63 | |
| W4 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| 0.80×0.78 | | | | 0.00 |
| 0.80×0.80 | | | | 0.00 |
| 合　計 | 0.52 | 2.28 | 2.28 | 0.01 |
| 検　定 | 0.10 | 0.17 | 0.17 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.86 | 0.06 | 0.40 | 0.40 | 0.00 |
| W2 0.59×0.14 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 1.30×0.14 | 0.01 | 0.05 | 0.05 | |
| 0.60×0.14 | | | | 0.00 |
| 合　計 | 0.07 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X19
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W4 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.24 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 | 0.59×0.11 | 0.02 | 0.05 | 0.05 | 0.00 |
| W3 | 1.30×0.24 | 0.11 | 0.26 | 0.26 | |
| W4 | 1.30×0.11 | 0.05 | 0.11 | 0.11 | |
| | 0.60×0.24 | | | | 0.00 |
| | 0.60×0.11 | | | | 0.00 |
| 合　計 | | 0.22 | 0.54 | 0.54 | 0.01 |
| 検　定 | | 0.04 | 0.04 | 0.04 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X14
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.91 | 1.21 | 0.53 | 0.38 | 0.06 |
| P2 | 1.17 | 1.56 | 0.68 | 0.49 | |
| | 0.52 | | | | 0.03 |
| P3 | 0.83 | 1.10 | 0.48 | 0.35 | 0.05 |
| P4 | 1.07 | 1.42 | 0.62 | 0.45 | |
| | 0.47 | | | | 0.03 |
| W1 | 1.47×0.21 | 0.46 | 0.55 | 0.14 | 0.03 |
| W2 | 1.47×0.22 | 0.67 | 0.30 | 0.72 | 0.05 |
| W3 | 1.47×0.25 | 0.55 | 0.65 | 0.17 | 0.03 |
| W4 | 1.47×0.24 | 0.74 | 0.32 | 0.79 | 0.05 |
| W5 | 1.80×0.21 | 0.57 | 0.67 | 0.18 | |
| W6 | 1.80×0.22 | 0.83 | 0.36 | 0.88 | |
| W7 | 1.80×0.25 | 0.67 | 0.80 | 0.21 | |
| W8 | 1.80×0.24 | 0.90 | 0.40 | 0.97 | |
| | 0.80×0.21 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| | 0.80×0.25 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.03 |
| 合　計 | | 10.68 | 6.38 | 5.72 | 0.42 |
| 検　定 | | 0.42 | 0.19 | 0.17 | 0.46 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.56 | 0.47 | 1.04 | 0.52 | 0.00 |
| P2 | 3.55 | 1.08 | 2.37 | 1.18 | 0.00 |
| P3 | 4.31 | 1.31 | 2.87 | 1.44 | |
| | 1.92 | | | | 0.00 |
| P4 | 0.15 | 0.05 | 0.10 | 0.05 | |
| | 0.15 | | | | 0.00 |
| P5 | 0.50 | 0.15 | 0.33 | 0.17 | |
| | 0.50 | | | | 0.00 |
| P6 | 0.11 | 0.03 | 0.07 | 0.04 | 0.00 |
| P7 | 0.24 | 0.07 | 0.16 | 0.08 | |
| | 0.11 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 1.40×0.26 | 0.05 | 0.11 | 0.22 | 0.00 |
| W3 | 1.40×0.26 | 0.02 | 0.13 | 0.03 | 0.00 |
| W4 | 1.80×0.26 | 0.06 | 0.14 | 0.28 | |
| W5 | 1.80×0.26 | 0.03 | 0.17 | 0.03 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| W6 | 0.59×0.27 | 0.02 | 0.05 | 0.09 | 0.00 |
| W7 | 0.59×0.27 | 0.01 | 0.06 | 0.01 | 0.00 |
| W8 | 1.30×0.27 | 0.05 | 0.10 | 0.21 | |
| W9 | 1.30×0.27 | 0.02 | 0.13 | 0.03 | |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| 合　計 | | 3.69 | 8.68 | 5.21 | 0.01 |
| 検　定 | | 0.14 | 0.25 | 0.15 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.86 | 0.03 | 0.30 | 0.29 | 0.00 |
| W2 0.59×0.11 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 1.30×0.11 | 0.00 | 0.03 | 0.03 | |
| 0.60×0.11 | | | | 0.00 |
| 合　計 | 0.04 | 0.34 | 0.34 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y３
又X14
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.53 | 0.02 | 0.17 | 0.17 | 0.00 |
| W2 1.40×0.25 | 0.01 | 0.08 | 0.08 | 0.00 |
| W3 1.80×0.53 | 0.02 | 0.22 | 0.22 | |
| W4 1.80×0.25 | 0.01 | 0.10 | 0.10 | |
| 0.80×0.53 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.06 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X18
又Y３
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| W4 1.80×0.23 | 0.04 | 0.18 | 0.18 | |
| 0.80×0.35 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.18 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又X16
又Y３
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.24 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.59×0.11 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 1.30×0.24 | 0.04 | 0.16 | 0.16 | |
| W4 1.30×0.11 | 0.02 | 0.07 | 0.07 | |
| 0.60×0.24 | | | | 0.00 |
| 0.60×0.11 | | | | 0.00 |
| 合　計 | 0.09 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又Y3
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.80 | 0.12 | 0.51 | 0.51 | 0.00 |
| W2 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.80 | 0.15 | 0.66 | 0.66 | |
| W4 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| 0.80×0.80 | | | | 0.00 |
| 0.80×0.80 | | | | 0.00 |
| 合　計 | 0.53 | 2.32 | 2.32 | 0.01 |
| 検　定 | 0.11 | 0.18 | 0.18 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y3
又X15
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.58 | 0.02 | 0.18 | 0.18 | 0.00 |
| W3 1.40×0.25 | 0.01 | 0.08 | 0.08 | 0.00 |
| W4 1.80×0.58 | 0.03 | 0.24 | 0.24 | |
| W5 1.80×0.25 | 0.01 | 0.10 | 0.10 | |
| 0.80×0.58 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.09 | 0.81 | 0.81 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y3
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.12 | 0.47 | 0.47 | 0.00 |
| W2 | 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 | 1.40×0.13 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 | 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| W5 | 1.80×0.13 | 0.03 | 0.11 | 0.11 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 0.21 | 0.84 | 0.84 | 0.01 |
| 検　定 | | 0.04 | 0.06 | 0.06 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.24 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y3
又X19
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.11 | 0.23 | 0.14 | 0.00 |
| P2 | 0.47 | 0.14 | 0.29 | 0.17 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.32 | 0.90 | 0.90 | 0.00 |
| W2 | 0.70×1.86 | 0.34 | 0.94 | 0.94 | 0.00 |
| W3 | 1.40×0.19 | 0.02 | 0.12 | 0.03 | 0.00 |
| W4 | 1.40×0.24 | 0.06 | 0.09 | 0.21 | 0.00 |
| W5 | 1.80×0.19 | 0.03 | 0.15 | 0.03 | |
| W6 | 1.80×0.24 | 0.08 | 0.12 | 0.27 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| W7 | 0.59×0.24 | 0.04 | 0.10 | 0.10 | 0.00 |
| W8 | 1.30×0.24 | 0.08 | 0.23 | 0.23 | |
| | 0.60×0.24 | | | | 0.00 |
| 合　計 | | 1.22 | 3.18 | 3.02 | 0.00 |
| 検　定 | | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y３
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W4 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y３
又X17
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 0.70×1.86 | 0.01 | 0.13 | 0.13 | 0.00 |
| W3 1.40×0.44 | 0.00 | 0.06 | 0.06 | 0.00 |
| W4 1.80×0.44 | 0.00 | 0.08 | 0.08 | |
| 0.80×0.44 | | | | 0.00 |
| W5 0.59×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| W6 1.30×0.06 | 0.00 | 0.01 | 0.01 | |
| 0.60×0.06 | | | | 0.00 |
| 合　計 | 0.02 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又Y3
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 1.40×0.36 | 0.05 | 0.22 | 0.22 | 0.00 |
| W3 1.40×0.25 | 0.04 | 0.16 | 0.16 | 0.00 |
| W4 1.80×0.36 | 0.07 | 0.29 | 0.29 | |
| W5 1.80×0.25 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.36 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.30 | 1.30 | 1.30 | 0.01 |
| 検　定 | 0.06 | 0.10 | 0.10 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X17
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.06 | 0.38 | 0.38 | 0.00 |
| W2 0.54×1.76 | 0.04 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.22 | 0.01 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.22 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.22 | | | | 0.00 |
| W5 0.59×0.24 | 0.01 | 0.04 | 0.04 | 0.00 |
| W6 1.30×0.24 | 0.01 | 0.10 | 0.10 | |
| 0.60×0.24 | | | | 0.00 |
| 合　計 | 0.16 | 1.03 | 1.03 | 0.00 |
| 検　定 | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X17
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.08 | 0.38 | 0.38 | 0.00 |
| W2 | 1.40×0.14 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 | 1.40×0.38 | 0.04 | 0.21 | 0.21 | 0.00 |
| W4 | 1.80×0.14 | 0.02 | 0.09 | 0.09 | |
| W5 | 1.80×0.38 | 0.05 | 0.27 | 0.27 | |
| | 0.80×0.14 | | | | 0.00 |
| | 0.80×0.38 | | | | 0.00 |
| 合　計 | | 0.20 | 1.02 | 1.02 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X14
又Y2

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.00 | 1.48 | 0.53 | 0.47 | 0.09 |
| P2 | 1.28 | 1.90 | 0.68 | 0.60 | |
| | 0.57 | | | | 0.05 |
| P3 | 0.91 | 1.35 | 0.49 | 0.43 | 0.08 |
| P4 | 1.17 | 1.74 | 0.62 | 0.55 | |
| | 0.52 | | | | 0.05 |
| W1 | 1.47×0.25 | 0.75 | 0.77 | 0.24 | 0.05 |
| W2 | 1.47×0.21 | 0.64 | 0.66 | 0.20 | 0.05 |
| W3 | 1.47×0.22 | 0.76 | 0.27 | 0.75 | 0.06 |
| W4 | 1.47×0.24 | 0.84 | 0.30 | 0.82 | 0.06 |
| W5 | 1.80×0.25 | 0.91 | 0.94 | 0.29 | |
| W6 | 1.80×0.21 | 0.78 | 0.81 | 0.25 | |
| W7 | 1.80×0.22 | 0.93 | 0.33 | 0.91 | |
| W8 | 1.80×0.24 | 1.02 | 0.36 | 1.00 | |
| | 0.80×0.25 | | | | 0.03 |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.03 |
| | 0.80×0.24 | | | | 0.04 |
| 合　計 | | 13.11 | 6.77 | 6.50 | 0.61 |
| 検　定 | | 0.51 | 0.20 | 0.19 | 0.62 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| W4 1.80×0.23 | 0.04 | 0.18 | 0.18 | |
| 0.80×0.35 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X16
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W2 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.46 | 0.09 | 0.38 | 0.38 | |
| W4 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| 0.80×0.46 | | | | 0.00 |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.80 | 0.12 | 0.51 | 0.51 | 0.00 |
| W2 | 1.40×0.55 | 0.08 | 0.35 | 0.35 | 0.00 |
| W3 | 1.80×0.80 | 0.15 | 0.66 | 0.66 | |
| W4 | 1.80×0.55 | 0.10 | 0.44 | 0.44 | |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.55 | | | | 0.00 |
| 合　計 | | 0.44 | 1.96 | 1.96 | 0.01 |
| 検　定 | | 0.09 | 0.15 | 0.15 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又
又X21
又Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.06 | 0.06 | 0.58 | 0.00 |
| P2 | 0.83 | 0.07 | 0.08 | 0.75 | |
| | 0.37 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.01 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.01 |
| W3 | 1.40×0.24 | 0.13 | 0.29 | 0.24 | 0.00 |
| W4 | 1.40×0.04 | 0.00 | 0.00 | 0.01 | 0.00 |
| W5 | 1.80×0.24 | 0.17 | 0.38 | 0.31 | |
| W6 | 1.80×0.04 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| 合　計 | | 1.49 | 3.13 | 4.21 | 0.04 |
| 検　定 | | 0.13 | 0.15 | 0.20 | 0.12 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.28 | 0.03 | 0.23 | 0.05 | 0.00 |
| P2 | 0.96 | 0.09 | 0.79 | 0.17 | |
| | 0.96 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.08 | 0.28 | 0.40 | 0.00 |
| W2 | 1.40×0.53 | 0.07 | 0.23 | 0.32 | 0.00 |
| W3 | 1.80×0.53 | 0.09 | 0.29 | 0.42 | |
| | 0.80×0.53 | | | | 0.00 |
| W4 | 1.40×0.16 | 0.00 | 0.03 | 0.00 | 0.00 |
| W5 | 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W6 | 1.80×0.16 | 0.00 | 0.04 | 0.00 | |
| W7 | 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 0.47 | 2.39 | 1.86 | 0.01 |
| 検　定 | | 0.07 | 0.15 | 0.12 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.59 | 0.13 | 1.42 | 0.17 | 0.00 |
| P2 | 2.05 | 0.17 | 1.83 | 0.22 | |
| | 0.91 | | | | 0.00 |
| P3 | 1.01 | 0.08 | 0.91 | 0.11 | 0.00 |
| P4 | 1.30 | 0.11 | 1.16 | 0.14 | |
| | 0.58 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.10 | 0.48 | 0.48 | 0.00 |
| W2 | 1.40×0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| W3 | 1.40×0.09 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 1.40×0.34 | 0.05 | 0.19 | 0.24 | 0.00 |
| W5 | 1.40×0.12 | 0.02 | 0.07 | 0.08 | 0.00 |
| W6 | 1.80×0.03 | 0.00 | 0.01 | 0.00 | |
| W7 | 1.80×0.09 | 0.00 | 0.02 | 0.00 | |
| W8 | 1.80×0.34 | 0.06 | 0.25 | 0.31 | |
| W9 | 1.80×0.12 | 0.02 | 0.09 | 0.11 | |
| | 0.80×0.03 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| | 0.80×0.34 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 0.72 | 6.43 | 1.86 | 0.00 |
| 検　定 | | 0.07 | 0.30 | 0.09 | 0.03 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.24 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X17
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.17 | 1.30 | 1.30 | 2.86 | |
| | 4.17 | | | | 0.00 |
| P2 | 0.36 | 0.11 | 0.11 | 0.25 | 0.00 |
| P3 | 0.46 | 0.15 | 0.15 | 0.32 | |
| | 0.21 | | | | 0.00 |
| P4 | 0.85 | 0.26 | 0.26 | 0.58 | 0.00 |
| P5 | 0.52 | 0.16 | 0.16 | 0.36 | 0.00 |
| P6 | 1.43 | 0.45 | 0.45 | 0.98 | 0.00 |
| P7 | 1.75 | 0.55 | 0.55 | 1.20 | |
| | 0.78 | | | | 0.00 |
| P8 | 0.14 | 0.04 | 0.04 | 0.10 | 0.00 |
| P9 | 0.31 | 0.10 | 0.10 | 0.21 | |
| | 0.14 | | | | 0.00 |
| P10 | 0.05 | 0.02 | 0.02 | 0.03 | |
| | 0.05 | | | | 0.00 |
| P11 | 0.17 | 0.05 | 0.05 | 0.11 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.09 | 0.09 | 0.48 | 0.00 |
| W2 | 0.54×1.76 | 0.21 | 0.69 | 0.69 | 0.00 |
| W3 | 0.54×1.67 | 0.14 | 0.59 | 0.31 | 0.00 |
| W4 | 1.40×0.26 | 0.06 | 0.23 | 0.12 | 0.00 |
| W5 | 1.40×0.24 | 0.02 | 0.02 | 0.13 | 0.00 |
| W6 | 1.80×0.26 | 0.07 | 0.30 | 0.16 | |
| W7 | 1.80×0.24 | 0.03 | 0.03 | 0.16 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| W8 | 1.40×0.22 | 0.05 | 0.20 | 0.10 | 0.00 |
| W9 | 1.80×0.22 | 0.06 | 0.26 | 0.13 | |
| | 0.80×0.22 | | | | 0.00 |
| W10 | 0.59×0.19 | 0.01 | 0.01 | 0.04 | 0.00 |
| W11 | 1.30×0.19 | 0.02 | 0.02 | 0.09 | |
| | 0.60×0.19 | | | | 0.00 |
| 合　計 | | 3.95 | 5.63 | 9.43 | 0.01 |
| 検　定 | | 0.15 | 0.16 | 0.27 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X19
又Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.20 | 0.14 | 0.22 | 0.02 |
| P2 | 0.47 | 0.25 | 0.19 | 0.28 | |
| | 0.21 | | | | 0.01 |
| P3 | 0.36 | 0.20 | 0.14 | 0.22 | 0.02 |
| P4 | 0.47 | 0.25 | 0.19 | 0.28 | |
| | 0.21 | | | | 0.01 |
| W1 | 1.40×0.22 | 0.11 | 0.29 | 0.12 | 0.01 |
| W2 | 1.40×0.24 | 0.12 | 0.32 | 0.14 | 0.02 |
| W3 | 1.40×0.24 | 0.08 | 0.06 | 0.24 | 0.01 |
| W4 | 1.40×0.22 | 0.08 | 0.06 | 0.22 | 0.01 |
| W5 | 1.80×0.22 | 0.15 | 0.37 | 0.16 | |
| W6 | 1.80×0.24 | 0.16 | 0.41 | 0.18 | |
| W7 | 1.80×0.24 | 0.11 | 0.08 | 0.31 | |
| W8 | 1.80×0.22 | 0.10 | 0.07 | 0.29 | |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 1.81 | 2.32 | 2.65 | 0.13 |
| 検　定 | | 0.32 | 0.15 | 0.17 | 0.33 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.14 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X20
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.08 | 0.39 | 0.39 | 0.00 |
| W2 | 0.54×1.67 | 0.07 | 0.37 | 0.37 | 0.00 |
| W3 | 1.40×0.24 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.24 | 0.04 | 0.18 | 0.18 | |
| | 0.80×0.24 | | | | 0.00 |
| W5 | 1.40×0.46 | 0.05 | 0.26 | 0.26 | 0.00 |
| W6 | 1.80×0.46 | 0.07 | 0.34 | 0.34 | |
| | 0.80×0.46 | | | | 0.00 |
| 合　計 | | 0.34 | 1.67 | 1.67 | 0.00 |
| 検　定 | | 0.01 | 0.05 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X22
又Y５

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.59 | 0.43 | 0.21 | 0.05 |
| P2 | 0.83 | 0.76 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P3 | 0.64 | 0.59 | 0.43 | 0.21 | 0.05 |
| P4 | 0.83 | 0.76 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P5 | 0.41 | 0.16 | 0.08 | 0.34 | 0.02 |
| P6 | 0.53 | 0.21 | 0.10 | 0.43 | 0.02 |
| P7 | 0.68 | 0.27 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| P8 | 0.41 | 0.16 | 0.08 | 0.34 | 0.02 |
| P9 | 0.53 | 0.21 | 0.10 | 0.43 | 0.02 |
| P10 | 0.68 | 0.27 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| W1 | 1.47×0.24 | 0.26 | 0.47 | 0.09 | 0.02 |
| W2 | 1.47×0.24 | 0.72 | 0.35 | 0.48 | 0.06 |
| W3 | 1.47×0.23 | 0.24 | 0.45 | 0.09 | 0.02 |
| W4 | 1.47×0.22 | 0.68 | 0.33 | 0.45 | 0.06 |
| W5 | 1.80×0.24 | 0.32 | 0.58 | 0.11 | |
| W6 | 1.80×0.24 | 0.88 | 0.43 | 0.58 | |
| W7 | 1.80×0.23 | 0.30 | 0.55 | 0.11 | |
| W8 | 1.80×0.22 | 0.83 | 0.41 | 0.55 | |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.03 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| W9 | 1.47×0.23 | 0.06 | 0.03 | 0.27 | 0.01 |
| W10 | 1.47×0.24 | 0.06 | 0.03 | 0.28 | 0.01 |
| W11 | 1.80×0.23 | 0.07 | 0.03 | 0.33 | |
| W12 | 1.80×0.24 | 0.08 | 0.03 | 0.35 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 8.49 | 6.24 | 7.29 | 0.52 |
| 検　定 | | 0.46 | 0.21 | 0.25 | 0.63 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X17
又
又X17
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| W4 1.80×0.46 | 0.09 | 0.38 | 0.38 | |
| 0.80×0.11 | | | | 0.00 |
| 0.80×0.46 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 32.12 | 34.32 | 0.11 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又X9
又
又X9
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.05 | 0.32 | 0.32 | 0.00 |
| W2 1.40×0.12 | 0.01 | 0.05 | 0.05 | 0.00 |
| W3 1.40×0.92 | 0.07 | 0.44 | 0.44 | 0.00 |
| W4 1.80×0.12 | 0.01 | 0.07 | 0.07 | |
| W5 1.80×0.92 | 0.10 | 0.56 | 0.56 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.92 | | | | 0.00 |
| 合　計 | 0.25 | 1.45 | 1.45 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>1.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X15
又 0.14

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.32 | 0.02 | 0.32 | 0.01 | 0.00 |
| P2 | 0.49 | 0.03 | 0.48 | 0.01 | 0.00 |
| P3 | 0.63 | 0.04 | 0.62 | 0.01 | |
| | 0.28 | | | | 0.00 |
| P4 | 1.01 | 1.61 | 0.50 | 0.52 | 0.12 |
| P5 | 1.30 | 2.07 | 0.64 | 0.67 | |
| | 0.58 | | | | 0.07 |
| P6 | 1.00 | 1.58 | 0.49 | 0.51 | 0.12 |
| P7 | 1.28 | 2.03 | 0.63 | 0.65 | |
| | 0.57 | | | | 0.07 |
| W1 | 1.55×0.22 | 0.00 | 0.05 | 0.00 | 0.00 |
| W2 | 1.55×0.24 | 0.97 | 0.86 | 0.31 | 0.09 |
| W3 | 1.55×0.21 | 0.86 | 0.81 | 0.28 | 0.08 |
| W4 | 1.55×0.22 | 0.89 | 0.26 | 0.81 | 0.08 |
| W5 | 1.55×0.24 | 0.98 | 0.29 | 0.89 | 0.08 |
| W6 | 1.80×0.22 | 0.00 | 0.05 | 0.00 | |
| W7 | 1.80×0.24 | 1.13 | 1.00 | 0.36 | |
| W8 | 1.80×0.21 | 1.00 | 0.94 | 0.32 | |
| W9 | 1.80×0.22 | 1.04 | 0.30 | 0.94 | |
| W10 | 1.80×0.24 | 1.14 | 0.33 | 1.03 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.05 |
| | 0.80×0.21 | | | | 0.04 |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| 合　計 | | 15.39 | 8.57 | 7.33 | 0.87 |
| 検　定 | | 0.60 | 0.25 | 0.21 | 0.80 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X14
又
又X15
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.02 | 0.08 | 0.08 | 0.00 |
| W2 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.80×0.12 | 0.02 | 0.10 | 0.10 | |
| W4 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.45 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X21
又Y５

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.05 | 0.96 | 0.38 | 1.68 | |
| | 2.05 | | | | 0.09 |
| P2 | 0.64 | 0.51 | 0.43 | 0.21 | 0.05 |
| P3 | 0.83 | 0.66 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P4 | 0.64 | 0.51 | 0.43 | 0.21 | 0.05 |
| P5 | 0.83 | 0.66 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P6 | 0.41 | 0.19 | 0.08 | 0.34 | 0.02 |
| P7 | 0.53 | 0.25 | 0.10 | 0.43 | 0.02 |
| P8 | 0.68 | 0.32 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| P9 | 0.41 | 0.19 | 0.08 | 0.34 | 0.02 |
| P10 | 0.53 | 0.25 | 0.10 | 0.43 | 0.02 |
| P11 | 0.68 | 0.32 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| W1 | 0.54×1.67 | 0.19 | 0.08 | 0.75 | 0.02 |
| W2 | 1.47×0.24 | 0.22 | 0.47 | 0.09 | 0.02 |
| W3 | 1.47×0.24 | 0.76 | 0.35 | 0.48 | 0.06 |
| W4 | 1.47×0.23 | 0.21 | 0.45 | 0.09 | 0.02 |
| W5 | 1.47×0.22 | 0.71 | 0.33 | 0.45 | 0.06 |
| W6 | 1.80×0.24 | 0.27 | 0.58 | 0.11 | |
| W7 | 1.80×0.24 | 0.93 | 0.43 | 0.58 | |
| W8 | 1.80×0.23 | 0.26 | 0.55 | 0.11 | |
| W9 | 1.80×0.22 | 0.87 | 0.41 | 0.55 | |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.03 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| W10 | 1.47×0.24 | 0.07 | 0.03 | 0.28 | 0.01 |
| W11 | 1.80×0.24 | 0.09 | 0.03 | 0.35 | |
| | 0.80×0.24 | | | | 0.00 |
| W12 | 1.47×0.23 | 0.07 | 0.03 | 0.27 | 0.01 |
| W13 | 1.80×0.23 | 0.09 | 0.03 | 0.33 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 9.56 | 6.70 | 9.71 | 0.63 |
| 検　定 | | 0.52 | 0.23 | 0.33 | 0.76 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.02 | 0.46 | 0.51 | 0.51 | 0.01 |
| P2 | 1.30 | 0.59 | 0.65 | 0.65 | |
| | 0.58 | | | | 0.01 |
| P3 | 1.60 | 0.73 | 0.80 | 0.80 | 0.02 |
| P4 | 2.05 | 0.93 | 1.03 | 1.03 | |
| | 0.91 | | | | 0.01 |
| W1 | 1.40×0.35 | 0.10 | 0.33 | 0.11 | 0.00 |
| W2 | 1.40×0.11 | 0.03 | 0.10 | 0.03 | 0.00 |
| W3 | 1.40×0.11 | 0.03 | 0.03 | 0.10 | 0.00 |
| W4 | 1.40×0.35 | 0.10 | 0.11 | 0.33 | 0.00 |
| W5 | 1.80×0.35 | 0.13 | 0.43 | 0.14 | |
| W6 | 1.80×0.11 | 0.04 | 0.13 | 0.04 | |
| W7 | 1.80×0.11 | 0.04 | 0.04 | 0.13 | |
| W8 | 1.80×0.35 | 0.13 | 0.14 | 0.43 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 3.32 | 4.30 | 4.30 | 0.06 |
| 検　定 | | 0.33 | 0.20 | 0.20 | 0.19 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.09 | 0.23 | 0.13 | 0.00 |
| P2 | 0.47 | 0.12 | 0.30 | 0.17 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.19 | 0.60 | 0.60 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.58 | 0.58 | 0.00 |
| W3 | 1.40×0.24 | 0.02 | 0.12 | 0.03 | 0.00 |
| W4 | 1.40×0.22 | 0.04 | 0.08 | 0.17 | 0.00 |
| W5 | 1.80×0.24 | 0.03 | 0.16 | 0.03 | |
| W6 | 1.80×0.22 | 0.05 | 0.10 | 0.22 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W7 | 1.40×0.24 | 0.07 | 0.21 | 0.21 | 0.00 |
| W8 | 1.80×0.24 | 0.08 | 0.27 | 0.27 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 0.87 | 2.65 | 2.40 | 0.00 |
| 検　定 | | 0.03 | 0.08 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又Y4
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.27 | 0.02 | 0.23 | 0.05 | 0.00 |
| P2 | 0.53 | 0.04 | 0.44 | 0.09 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.28 | 0.40 | 0.00 |
| W2 | 1.40×0.52 | 0.07 | 0.22 | 0.32 | 0.00 |
| W3 | 1.80×0.52 | 0.09 | 0.29 | 0.41 | |
| | 0.80×0.52 | | | | 0.00 |
| W4 | 1.40×0.55 | 0.08 | 0.35 | 0.35 | 0.00 |
| W5 | 1.40×0.16 | 0.00 | 0.03 | 0.00 | 0.00 |
| W6 | 1.80×0.55 | 0.10 | 0.45 | 0.45 | |
| W7 | 1.80×0.16 | 0.00 | 0.04 | 0.00 | |
| | 0.80×0.55 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.50 | 2.32 | 2.07 | 0.01 |
| 検　定 | | 0.07 | 0.15 | 0.13 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.24 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又Y4
又X19
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.30 | 0.79 | 1.24 | 2.06 | |
| | 3.30 | | | | 0.00 |
| P2 | 0.36 | 0.01 | 0.02 | 0.34 | 0.00 |
| P3 | 0.47 | 0.02 | 0.03 | 0.44 | |
| | 0.21 | | | | 0.00 |
| P4 | 0.23 | 0.06 | 0.16 | 0.07 | 0.00 |
| P5 | 2.71 | 0.69 | 1.86 | 0.85 | 0.00 |
| P6 | 3.38 | 0.87 | 2.33 | 1.06 | |
| | 1.50 | | | | 0.00 |
| P7 | 0.38 | 0.10 | 0.26 | 0.12 | |
| | 0.38 | | | | 0.00 |
| P8 | 0.15 | 0.01 | 0.01 | 0.14 | 0.00 |
| P9 | 2.71 | 0.11 | 0.17 | 2.54 | 0.00 |
| P10 | 3.38 | 0.13 | 0.21 | 3.17 | |
| | 1.50 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.25 | 0.69 | 0.69 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.56 | 0.26 | 0.00 |
| W3 | 0.54×1.67 | 0.06 | 0.09 | 0.40 | 0.00 |
| W4 | 1.40×0.22 | 0.08 | 0.22 | 0.20 | 0.00 |
| W5 | 1.40×0.05 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.22 | 0.10 | 0.28 | 0.25 | |
| W7 | 1.80×0.05 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.05 | | | | 0.00 |
| W8 | 1.40×0.41 | 0.03 | 0.22 | 0.04 | 0.00 |
| W9 | 1.40×0.42 | 0.12 | 0.20 | 0.33 | 0.00 |
| W10 | 1.40×0.09 | 0.00 | 0.00 | 0.01 | 0.00 |
| W11 | 1.80×0.41 | 0.04 | 0.28 | 0.05 | |
| W12 | 1.80×0.42 | 0.15 | 0.26 | 0.43 | |
| W13 | 1.80×0.09 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| 合　計 | | 3.79 | 9.10 | 13.47 | 0.02 |
| 検　定 | | 0.17 | 0.29 | 0.43 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又Y4
又X10
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.21 | 0.55 | 2.57 | 0.64 | 0.00 |
| P2 | 3.84 | 0.66 | 3.08 | 0.77 | |
| | 1.71 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.11 | 0.54 | 0.54 | 0.00 |
| W2 | 1.40×0.42 | 0.07 | 0.33 | 0.33 | 0.00 |
| W3 | 1.40×0.42 | 0.01 | 0.12 | 0.01 | 0.00 |
| W4 | 1.40×0.80 | 0.11 | 0.40 | 0.60 | 0.00 |
| W5 | 1.80×0.42 | 0.09 | 0.43 | 0.43 | |
| W6 | 1.80×0.42 | 0.01 | 0.15 | 0.02 | |
| W7 | 1.80×0.80 | 0.14 | 0.52 | 0.78 | |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| 合　計 | | 1.76 | 8.14 | 4.12 | 0.00 |
| 検　定 | | 0.06 | 0.24 | 0.12 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y4
又X20
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.59 | 0.43 | 0.21 | 0.05 |
| P2 | 0.83 | 0.76 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P3 | 0.32 | 0.29 | 0.22 | 0.11 | 0.02 |
| P4 | 0.41 | 0.38 | 0.28 | 0.14 | |
| | 0.18 | | | | 0.01 |
| P5 | 0.41 | 0.16 | 0.08 | 0.34 | 0.02 |
| P6 | 0.53 | 0.21 | 0.10 | 0.43 | 0.02 |
| P7 | 0.68 | 0.27 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| P8 | 0.21 | 0.08 | 0.04 | 0.17 | 0.01 |
| P9 | 0.26 | 0.11 | 0.05 | 0.22 | 0.01 |
| P10 | 0.34 | 0.14 | 0.06 | 0.28 | |
| | 0.15 | | | | 0.01 |
| W1 | 1.47×0.12 | 0.13 | 0.24 | 0.05 | 0.01 |
| W2 | 1.47×0.13 | 0.37 | 0.18 | 0.25 | 0.03 |
| W3 | 1.47×0.23 | 0.24 | 0.45 | 0.09 | 0.02 |
| W4 | 1.47×0.22 | 0.68 | 0.33 | 0.45 | 0.06 |
| W5 | 1.80×0.12 | 0.16 | 0.30 | 0.06 | |
| W6 | 1.80×0.13 | 0.46 | 0.22 | 0.30 | |
| W7 | 1.80×0.23 | 0.30 | 0.55 | 0.11 | |
| W8 | 1.80×0.22 | 0.83 | 0.41 | 0.55 | |
| | 0.80×0.12 | | | | 0.01 |
| | 0.80×0.13 | | | | 0.02 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| W9 | 1.47×0.23 | 0.06 | 0.03 | 0.27 | 0.01 |
| W10 | 1.47×0.12 | 0.03 | 0.01 | 0.15 | 0.00 |
| W11 | 1.80×0.23 | 0.07 | 0.03 | 0.33 | |
| W12 | 1.80×0.12 | 0.04 | 0.02 | 0.18 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 6.37 | 4.69 | 5.48 | 0.39 |
| 検　定 | | 0.35 | 0.16 | 0.19 | 0.47 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又Y4
又X14
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 6.30 | 0.58 | 0.80 | 5.50 | |
| | 6.30 | | | | 0.00 |
| P2 | 0.45 | 0.04 | 0.06 | 0.39 | 0.00 |
| P3 | 0.55 | 0.05 | 0.07 | 0.48 | 0.00 |
| P4 | 0.70 | 0.06 | 0.09 | 0.61 | |
| | 0.31 | | | | 0.00 |
| P5 | 0.17 | 0.02 | 0.02 | 0.15 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.06 | 0.43 | 0.43 | 0.00 |
| W2 | 0.54×1.67 | 0.00 | 0.01 | 0.10 | 0.00 |
| W3 | 0.54×1.67 | 0.05 | 0.40 | 0.31 | 0.00 |
| W4 | 1.40×0.28 | 0.03 | 0.18 | 0.18 | 0.00 |
| W5 | 1.80×0.28 | 0.03 | 0.23 | 0.23 | |
| | 0.80×0.28 | | | | 0.00 |
| W6 | 1.40×0.19 | 0.02 | 0.12 | 0.09 | 0.00 |
| W7 | 1.80×0.19 | 0.02 | 0.15 | 0.12 | |
| | 0.80×0.19 | | | | 0.00 |
| W8 | 1.40×0.04 | 0.00 | 0.00 | 0.01 | 0.00 |
| W9 | 1.80×0.04 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.04 | | | | 0.00 |
| 合　計 | | 0.97 | 2.54 | 8.59 | 0.00 |
| 検　定 | | 0.03 | 0.07 | 0.25 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.86 | 1.36 | 0.43 | 0.43 | 0.09 |
| P2 | 1.10 | 1.75 | 0.55 | 0.55 | |
| | 0.49 | | | | 0.05 |
| P3 | 0.25 | 0.12 | 0.04 | 0.21 | 0.01 |
| P4 | 0.32 | 0.16 | 0.05 | 0.27 | |
| | 0.14 | | | | 0.01 |
| P5 | 1.01 | 1.62 | 0.51 | 0.51 | 0.11 |
| P6 | 1.30 | 2.08 | 0.65 | 0.65 | |
| | 0.58 | | | | 0.06 |
| W1 | 1.55×0.22 | 0.85 | 0.80 | 0.27 | 0.07 |
| W2 | 1.55×0.24 | 0.94 | 0.88 | 0.29 | 0.08 |
| W3 | 1.55×0.24 | 0.84 | 0.26 | 0.54 | 0.07 |
| W4 | 1.55×0.22 | 0.85 | 0.27 | 0.80 | 0.07 |
| W5 | 1.55×0.13 | 0.05 | 0.02 | 0.18 | 0.00 |
| W6 | 1.80×0.22 | 0.99 | 0.93 | 0.31 | |
| W7 | 1.80×0.24 | 1.09 | 1.02 | 0.34 | |
| W8 | 1.80×0.24 | 0.98 | 0.31 | 0.63 | |
| W9 | 1.80×0.22 | 0.99 | 0.31 | 0.93 | |
| W10 | 1.80×0.13 | 0.06 | 0.02 | 0.20 | |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 14.72 | 7.05 | 7.11 | 0.79 |
| 検　定 | | 0.57 | 0.21 | 0.21 | 0.74 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X15
又Y4
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.02 | 0.08 | 0.08 | 0.00 |
| W2 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.80×0.12 | 0.02 | 0.10 | 0.10 | |
| W4 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.45 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.15 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又X21
又Y4
又X21
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.25 | 0.04 | 0.16 | 0.16 | 0.00 |
| W4 1.80×0.25 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.34 | 1.51 | 1.51 | 0.00 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y4
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.13 | 0.19 | 0.10 | 0.02 |
| P2 | 0.37 | 0.16 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.91 | 0.88 | 0.24 | 0.67 | 0.04 |
| P4 | 0.84 | 0.80 | 0.22 | 0.61 | 0.04 |
| P5 | 1.07 | 1.03 | 0.28 | 0.79 | |
| | 0.48 | | | | 0.02 |
| P6 | 2.25 | 2.17 | 0.60 | 1.66 | |
| | 2.25 | | | | 0.11 |
| P7 | 1.02 | 0.98 | 0.27 | 0.75 | |
| | 1.02 | | | | 0.05 |
| P8 | 0.32 | 0.14 | 0.22 | 0.11 | 0.02 |
| P9 | 0.41 | 0.18 | 0.28 | 0.14 | |
| | 0.18 | | | | 0.01 |
| P10 | 0.21 | 0.14 | 0.04 | 0.17 | 0.01 |
| P11 | 0.26 | 0.18 | 0.05 | 0.22 | 0.01 |
| P12 | 0.34 | 0.23 | 0.06 | 0.28 | |
| | 0.15 | | | | 0.01 |
| P13 | 0.60 | 0.40 | 0.11 | 0.49 | 0.02 |
| P14 | 0.31 | 0.21 | 0.06 | 0.26 | 0.01 |
| P15 | 0.40 | 0.27 | 0.07 | 0.33 | |
| | 0.18 | | | | 0.01 |
| P16 | 0.71 | 0.47 | 0.13 | 0.58 | |
| | 0.71 | | | | 0.02 |
| W1 | 1.47×0.11 | 0.06 | 0.21 | 0.04 | 0.01 |
| W2 | 1.47×0.12 | 0.06 | 0.24 | 0.05 | 0.01 |
| W3 | 1.47×0.11 | 0.27 | 0.16 | 0.21 | 0.02 |
| W4 | 1.47×0.13 | 0.25 | 0.17 | 0.19 | 0.02 |
| W5 | 1.47×0.12 | 0.06 | 0.02 | 0.05 | 0.00 |
| W6 | 1.80×0.11 | 0.07 | 0.26 | 0.05 | |
| W7 | 1.80×0.12 | 0.08 | 0.30 | 0.06 | |
| W8 | 1.80×0.11 | 0.33 | 0.19 | 0.26 | |
| W9 | 1.80×0.13 | 0.31 | 0.20 | 0.23 | |
| W10 | 1.80×0.12 | 0.07 | 0.02 | 0.07 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.01 |
| | 0.80×0.13 | | | | 0.01 |
| | 0.80×0.12 | | | | 0.00 |
| W11 | 1.47×0.11 | 0.05 | 0.01 | 0.13 | 0.00 |
| W12 | 1.47×0.12 | 0.05 | 0.01 | 0.15 | 0.00 |
| W13 | 1.80×0.11 | 0.06 | 0.02 | 0.16 | |
| W14 | 1.80×0.12 | 0.07 | 0.02 | 0.18 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 合　計 | | | | 10.13 | 4.91 | 9.09 | 0.50 |
| | | 検　定 | | | | 0.46 | 0.15 | 0.29 | 0.60 |
| | | 判　定 | | | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| | | 荷重及び区分 | | | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 12.76 | 0.66 | 3.67 | 6.34 | 0.15 |
| | | | 断面欠損無 | | | | | | | | |

1/又X13
又Y４
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W2 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.34 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.24 | | | | 0.00 |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.76 | Qa<br>18.48 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又Y4
又X17
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.08 | 0.30 | 0.06 | 0.01 |
| P2 | 0.47 | 0.11 | 0.39 | 0.08 | |
| | 0.21 | | | | 0.01 |
| P3 | 0.36 | 0.08 | 0.30 | 0.06 | 0.01 |
| P4 | 0.47 | 0.11 | 0.39 | 0.08 | |
| | 0.21 | | | | 0.01 |
| P5 | 0.36 | 0.08 | 0.06 | 0.30 | 0.01 |
| P6 | 0.46 | 0.11 | 0.08 | 0.39 | |
| | 0.21 | | | | 0.01 |
| P7 | 0.36 | 0.08 | 0.06 | 0.30 | 0.01 |
| P8 | 0.47 | 0.11 | 0.08 | 0.39 | |
| | 0.21 | | | | 0.01 |
| W1 | 1.40×0.22 | 0.02 | 0.13 | 0.01 | 0.00 |
| W2 | 1.40×0.24 | 0.02 | 0.14 | 0.01 | 0.00 |
| W3 | 1.40×0.22 | 0.25 | 0.28 | 0.28 | 0.02 |
| W4 | 1.40×0.22 | 0.02 | 0.01 | 0.13 | 0.00 |
| W5 | 1.40×0.24 | 0.02 | 0.01 | 0.14 | 0.00 |
| W6 | 1.40×0.24 | 0.28 | 0.30 | 0.30 | 0.03 |
| W7 | 1.80×0.22 | 0.02 | 0.16 | 0.01 | |
| W8 | 1.80×0.24 | 0.02 | 0.18 | 0.02 | |
| W9 | 1.80×0.22 | 0.32 | 0.36 | 0.36 | |
| W10 | 1.80×0.22 | 0.02 | 0.01 | 0.16 | |
| W11 | 1.80×0.24 | 0.02 | 0.02 | 0.18 | |
| W12 | 1.80×0.24 | 0.35 | 0.39 | 0.39 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.02 |
| 合　計 | | 2.11 | 3.65 | 3.64 | 0.15 |
| 検　定 | | 0.27 | 0.20 | 0.20 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y4
又X18
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.78 | 4.25 | 2.74 | 2.03 | |
| | 4.78 | | | | 0.18 |
| P2 | 0.29 | 0.25 | 0.16 | 0.13 | 0.01 |
| P3 | 0.37 | 0.32 | 0.20 | 0.17 | |
| | 0.17 | | | | 0.01 |
| W1 | 0.54×1.67 | 0.62 | 1.10 | 0.30 | 0.03 |
| W2 | 0.54×1.67 | 0.84 | 0.54 | 1.34 | 0.05 |
| W3 | 1.40×0.13 | 0.28 | 0.31 | 0.31 | 0.02 |
| W4 | 1.80×0.13 | 0.36 | 0.40 | 0.40 | |
| | 0.80×0.13 | | | | 0.01 |
| W5 | 1.40×0.11 | 0.11 | 0.19 | 0.06 | 0.01 |
| W6 | 1.40×0.11 | 0.13 | 0.08 | 0.22 | 0.01 |
| W7 | 1.80×0.11 | 0.15 | 0.24 | 0.07 | |
| W8 | 1.80×0.11 | 0.16 | 0.10 | 0.28 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 7.46 | 6.08 | 5.31 | 0.33 |
| 検　定 | | 0.42 | 0.23 | 0.20 | 0.54 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y4
又X18
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.09 | 0.12 | 0.24 | 0.00 |
| P2 | 0.47 | 0.11 | 0.16 | 0.31 | |
| | 0.21 | | | | 0.00 |
| P3 | 0.39 | 0.08 | 0.26 | 0.13 | 0.00 |
| P4 | 1.56 | 0.33 | 1.04 | 0.52 | 0.00 |
| P5 | 1.96 | 0.42 | 1.31 | 0.65 | |
| | 0.87 | | | | 0.00 |
| P6 | 0.60 | 0.13 | 0.40 | 0.20 | |
| | 0.60 | | | | 0.00 |
| P7 | 0.27 | 0.06 | 0.18 | 0.09 | |
| | 0.27 | | | | 0.00 |
| P8 | 0.13 | 0.03 | 0.09 | 0.04 | |
| | 0.13 | | | | 0.00 |
| P9 | 0.11 | 0.03 | 0.04 | 0.08 | 0.00 |
| P10 | 2.04 | 0.49 | 0.68 | 1.36 | 0.00 |
| P11 | 2.54 | 0.62 | 0.85 | 1.69 | |
| | 1.13 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.22 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| W3 | 1.40×0.22 | 0.02 | 0.02 | 0.12 | 0.00 |
| W4 | 1.40×0.22 | 0.05 | 0.18 | 0.09 | 0.00 |
| W5 | 1.80×0.22 | 0.02 | 0.03 | 0.15 | |
| W6 | 1.80×0.22 | 0.07 | 0.23 | 0.12 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W7 | 1.40×0.42 | 0.08 | 0.13 | 0.13 | 0.00 |
| W8 | 1.40×0.42 | 0.03 | 0.22 | 0.04 | 0.00 |
| W9 | 1.40×0.44 | 0.03 | 0.05 | 0.23 | 0.00 |
| W10 | 1.80×0.42 | 0.10 | 0.17 | 0.17 | |
| W11 | 1.80×0.42 | 0.04 | 0.29 | 0.06 | |
| W12 | 1.80×0.44 | 0.04 | 0.06 | 0.29 | |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| 合　計 | | 3.28 | 7.76 | 7.98 | 0.01 |
| 検　定 | | 0.15 | 0.24 | 0.25 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>28.91 | Qa<br>34.32 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又Y4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.08 | 0.18 | 0.18 | 0.00 |
| P2 | 0.47 | 0.11 | 0.23 | 0.23 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 | 1.40×0.24 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.03 | 0.08 | 0.00 |
| W5 | 1.80×0.24 | 0.02 | 0.14 | 0.05 | |
| W6 | 1.80×0.16 | 0.01 | 0.03 | 0.10 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| W7 | 1.40×0.27 | 0.04 | 0.17 | 0.17 | 0.00 |
| W8 | 1.80×0.27 | 0.05 | 0.22 | 0.22 | |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 0.53 | 1.96 | 1.90 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.06 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又
又X21
又Y4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.40 | 0.06 | 0.25 | 0.25 | 0.00 |
| W2 | 1.40×0.62 | 0.09 | 0.39 | 0.39 | 0.00 |
| W3 | 1.80×0.40 | 0.07 | 0.33 | 0.33 | |
| W4 | 1.80×0.62 | 0.11 | 0.50 | 0.50 | |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.62 | | | | 0.00 |
| 合　計 | | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | | 0.07 | 0.11 | 0.11 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.91 | 0.88 | 0.24 | 0.67 | 0.04 |
| P2 | 0.97 | 0.93 | 0.26 | 0.71 | 0.04 |
| P3 | 1.24 | 1.20 | 0.33 | 0.91 | |
| | 0.55 | | | | 0.02 |
| P4 | 2.25 | 2.17 | 0.60 | 1.66 | |
| | 2.25 | | | | 0.09 |
| P5 | 1.02 | 0.98 | 0.27 | 0.75 | |
| | 1.02 | | | | 0.04 |
| P6 | 0.40 | 0.27 | 0.07 | 0.32 | 0.01 |
| P7 | 0.31 | 0.21 | 0.06 | 0.26 | 0.01 |
| P8 | 0.40 | 0.27 | 0.07 | 0.33 | |
| | 0.18 | | | | 0.01 |
| P9 | 0.71 | 0.47 | 0.13 | 0.58 | |
| | 0.71 | | | | 0.02 |
| W1 | 1.47×0.13 | 0.43 | 0.45 | 0.45 | 0.03 |
| W2 | 1.47×0.11 | 0.27 | 0.36 | 0.21 | 0.02 |
| W3 | 1.47×0.11 | 0.05 | 0.01 | 0.05 | 0.00 |
| W4 | 1.47×0.11 | 0.05 | 0.01 | 0.13 | 0.00 |
| W5 | 1.80×0.13 | 0.53 | 0.55 | 0.55 | |
| W6 | 1.80×0.11 | 0.33 | 0.43 | 0.25 | |
| W7 | 1.80×0.11 | 0.06 | 0.02 | 0.06 | |
| W8 | 1.80×0.11 | 0.06 | 0.02 | 0.16 | |
| | 0.80×0.13 | | | | 0.02 |
| | 0.80×0.11 | | | | 0.01 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 9.16 | 3.87 | 8.04 | 0.38 |
| 検　定 | | 0.37 | 0.12 | 0.25 | 0.46 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.16 | 0.53 | 0.58 | 0.58 | 0.01 |
| P2 | 1.49 | 0.68 | 0.75 | 0.75 | |
| | 0.66 | | | | 0.01 |
| P3 | 2.04 | 0.93 | 1.02 | 1.02 | 0.02 |
| P4 | 2.53 | 1.15 | 1.27 | 1.27 | |
| | 1.13 | | | | 0.01 |
| W1 | 1.40×0.46 | 0.13 | 0.44 | 0.15 | 0.00 |
| W2 | 1.40×0.23 | 0.06 | 0.21 | 0.07 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.07 | 0.21 | 0.00 |
| W4 | 1.40×0.46 | 0.13 | 0.15 | 0.44 | 0.00 |
| W5 | 1.80×0.46 | 0.17 | 0.56 | 0.19 | |
| W6 | 1.80×0.23 | 0.08 | 0.27 | 0.09 | |
| W7 | 1.80×0.23 | 0.08 | 0.09 | 0.27 | |
| W8 | 1.80×0.46 | 0.17 | 0.19 | 0.56 | |
| | 0.80×0.46 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| 合　計 | | 4.19 | 5.60 | 5.60 | 0.07 |
| 検　定 | | 0.41 | 0.27 | 0.27 | 0.24 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>11.62 | fs<br>1.10 | Ma<br>28.27 | Qa<br>34.32 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X16
又Y３

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.50 | 0.54 | 0.33 | 0.17 | 0.04 |
| P2 | 0.60 | 0.65 | 0.40 | 0.20 | 0.05 |
| P3 | 0.77 | 0.83 | 0.51 | 0.26 | |
| | 0.34 | | | | 0.03 |
| P4 | 0.44 | 0.48 | 0.29 | 0.15 | |
| | 0.44 | | | | 0.04 |
| P5 | 0.51 | 0.61 | 0.19 | 0.32 | 0.04 |
| P6 | 0.48 | 0.57 | 0.18 | 0.30 | 0.04 |
| P7 | 0.61 | 0.73 | 0.23 | 0.38 | |
| | 0.27 | | | | 0.02 |
| P8 | 0.79 | 0.95 | 0.30 | 0.50 | |
| | 0.79 | | | | 0.07 |
| P9 | 0.22 | 0.11 | 0.03 | 0.18 | 0.01 |
| P10 | 0.26 | 0.13 | 0.04 | 0.22 | 0.01 |
| P11 | 0.34 | 0.17 | 0.05 | 0.28 | |
| | 0.15 | | | | 0.01 |
| P12 | 0.86 | 1.36 | 0.43 | 0.43 | 0.08 |
| P13 | 1.10 | 1.75 | 0.55 | 0.55 | |
| | 0.49 | | | | 0.05 |
| P14 | 0.43 | 0.22 | 0.07 | 0.36 | 0.02 |
| P15 | 0.38 | 0.19 | 0.06 | 0.32 | 0.02 |
| P16 | 0.49 | 0.24 | 0.08 | 0.41 | |
| | 0.22 | | | | 0.01 |
| W1 | 1.55×0.16 | 0.42 | 0.15 | 0.14 | 0.03 |
| W2 | 1.80×0.16 | 0.49 | 0.18 | 0.17 | |
| | 0.80×0.16 | | | | 0.01 |
| W3 | 1.55×0.24 | 0.43 | 0.66 | 0.14 | 0.04 |
| W4 | 1.55×0.14 | 0.51 | 0.19 | 0.18 | 0.03 |
| W5 | 1.55×0.24 | 0.43 | 0.14 | 0.38 | 0.03 |
| W6 | 1.55×0.24 | 0.09 | 0.03 | 0.34 | 0.01 |
| W7 | 1.55×0.22 | 0.85 | 0.80 | 0.27 | 0.06 |
| W8 | 1.55×0.22 | 0.77 | 0.24 | 0.49 | 0.06 |
| W9 | 1.55×0.11 | 0.04 | 0.01 | 0.15 | 0.00 |
| W10 | 1.80×0.24 | 0.50 | 0.77 | 0.16 | |
| W11 | 1.80×0.14 | 0.59 | 0.23 | 0.21 | |
| W12 | 1.80×0.24 | 0.50 | 0.16 | 0.44 | |
| W13 | 1.80×0.24 | 0.11 | 0.03 | 0.39 | |
| W14 | 1.80×0.22 | 0.99 | 0.93 | 0.31 | |
| W15 | 1.80×0.22 | 0.89 | 0.28 | 0.57 | |
| W16 | 1.80×0.11 | 0.05 | 0.01 | 0.17 | |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.14 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.03 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.11 | | | | 0.00 |
| W170.54×1.67 | 1.41 | 0.49 | 0.48 | 0.09 |
| W180.54×1.67 | 0.15 | 0.07 | 0.05 | 0.01 |
| 合　計 | 18.78 | 9.13 | 10.07 | 1.03 |
| 検　定 | 0.66 | 0.27 | 0.29 | 0.97 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | Ｅ | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 10.56 | 1.10 | 32.12 | 34.32 | 0.15 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又X10
又
又X10
又

○　モーメント図

○　たわみ図

| 荷重 | Ｍm | Ｑ1 | Ｑ2 | δｍ |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 1.40×0.29 | 0.04 | 0.18 | 0.18 | 0.00 |
| W3 1.40×0.54 | 0.08 | 0.34 | 0.34 | 0.00 |
| W4 1.80×0.29 | 0.05 | 0.24 | 0.24 | |
| W5 1.80×0.54 | 0.10 | 0.44 | 0.44 | |
| 0.80×0.29 | | | | 0.00 |
| 0.80×0.54 | | | | 0.00 |
| 合　計 | 0.37 | 1.63 | 1.63 | 0.00 |
| 検　定 | 0.01 | 0.05 | 0.05 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 10.56 | 1.10 | 20.70 | 29.04 | 0.82 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又X15
又
又X18
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.79 | 0.48 | 0.62 | 0.17 | 0.04 |
| P2 | 1.02 | 0.62 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| W1 | 1.47×0.24 | 0.11 | 0.32 | 0.04 | 0.01 |
| W2 | 1.47×0.24 | 0.93 | 0.53 | 0.82 | 0.07 |
| W3 | 1.47×0.11 | 0.46 | 0.38 | 0.38 | 0.04 |
| W4 | 1.80×0.24 | 0.13 | 0.39 | 0.05 | |
| W5 | 1.80×0.24 | 1.13 | 0.65 | 1.00 | |
| W6 | 1.80×0.11 | 0.56 | 0.47 | 0.47 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.11 | | | | 0.02 |
| 合　計 | | 4.42 | 4.17 | 3.14 | 0.23 |
| 検　定 | | 0.21 | 0.14 | 0.11 | 0.28 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 11.00 | 1.10 | 4.95 | 13.20 | 0.15 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又X19
又
又X20
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.40 | 0.06 | 0.25 | 0.25 | 0.00 |
| W2 | 1.40×0.62 | 0.09 | 0.39 | 0.39 | 0.00 |
| W3 | 1.80×0.40 | 0.07 | 0.33 | 0.33 | |
| W4 | 1.80×0.62 | 0.11 | 0.50 | 0.50 | |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.62 | | | | 0.00 |
| 合　計 | | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | | 0.07 | 0.11 | 0.11 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X21
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W4 1.80×0.34 | 0.06 | 0.27 | 0.27 | |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.37 | 1.64 | 1.64 | 0.00 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W2 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.34 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.24 | | | | 0.00 |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.05 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 支点 | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 10.56 | 1.10 | 21.90 | 31.68 | 0.23 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X15
又
又X16
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.51 | 0.35 | 3.09 | 0.42 | |
| | 3.51 | | | | 0.00 |
| P2 | 0.36 | 0.10 | 0.24 | 0.12 | 0.00 |
| P3 | 0.47 | 0.13 | 0.31 | 0.16 | |
| | 0.21 | | | | 0.00 |
| P4 | 1.86 | 0.51 | 1.24 | 0.62 | 0.00 |
| P5 | 2.31 | 0.63 | 1.54 | 0.77 | |
| | 1.03 | | | | 0.00 |
| P6 | 0.31 | 0.06 | 0.10 | 0.21 | 0.00 |
| P7 | 1.14 | 0.21 | 0.38 | 0.76 | 0.00 |
| P8 | 1.42 | 0.26 | 0.47 | 0.95 | |
| | 0.63 | | | | 0.00 |
| P9 | 0.60 | 0.11 | 0.20 | 0.40 | |
| | 0.60 | | | | 0.00 |
| P10 | 0.27 | 0.05 | 0.09 | 0.18 | |
| | 0.27 | | | | 0.00 |
| P11 | 0.13 | 0.02 | 0.04 | 0.09 | |
| | 0.13 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.21 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.01 | 0.14 | 0.01 | 0.00 |
| W3 | 0.54×1.67 | 0.19 | 0.48 | 0.61 | 0.00 |
| W4 | 1.40×0.27 | 0.02 | 0.14 | 0.03 | 0.00 |
| W5 | 1.40×1.25 | 0.21 | 0.40 | 0.40 | 0.00 |
| W6 | 1.40×0.92 | 0.05 | 0.10 | 0.49 | 0.00 |
| W7 | 1.80×0.27 | 0.03 | 0.18 | 0.04 | |
| W8 | 1.80×1.25 | 0.27 | 0.51 | 0.51 | |
| W9 | 1.80×0.92 | 0.07 | 0.13 | 0.63 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×1.25 | | | | 0.00 |
| | 0.80×0.92 | | | | 0.00 |
| W10 | 1.40×0.22 | 0.02 | 0.12 | 0.02 | 0.00 |
| W11 | 1.40×0.22 | 0.05 | 0.09 | 0.19 | 0.00 |
| W12 | 1.80×0.22 | 0.02 | 0.15 | 0.03 | |
| W13 | 1.80×0.22 | 0.06 | 0.12 | 0.24 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 3.64 | 10.90 | 8.50 | 0.01 |
| 検　定 | | 0.17 | 0.34 | 0.27 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X17
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.79 | 0.49 | 0.62 | 0.17 | 0.04 |
| P2 | 1.02 | 0.64 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| P3 | 0.79 | 0.49 | 0.62 | 0.17 | 0.04 |
| P4 | 1.02 | 0.64 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| W1 | 1.47×0.24 | 0.11 | 0.32 | 0.04 | 0.01 |
| W2 | 1.47×0.24 | 0.91 | 0.53 | 0.82 | 0.08 |
| W3 | 1.47×0.23 | 0.11 | 0.31 | 0.04 | 0.01 |
| W4 | 1.47×0.22 | 0.85 | 0.50 | 0.76 | 0.07 |
| W5 | 1.80×0.24 | 0.14 | 0.39 | 0.05 | |
| W6 | 1.80×0.24 | 1.11 | 0.65 | 1.00 | |
| W7 | 1.80×0.23 | 0.13 | 0.38 | 0.04 | |
| W8 | 1.80×0.22 | 1.04 | 0.61 | 0.93 | |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.04 |
| 合　計 | | 6.65 | 6.53 | 4.45 | 0.39 |
| 検　定 | | 0.36 | 0.22 | 0.15 | 0.48 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.40 | 0.06 | 0.25 | 0.25 | 0.00 |
| W2 | 1.40×0.62 | 0.09 | 0.39 | 0.39 | 0.00 |
| W3 | 1.80×0.40 | 0.07 | 0.33 | 0.33 | |
| W4 | 1.80×0.62 | 0.11 | 0.50 | 0.50 | |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.62 | | | | 0.00 |
| 合　計 | | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | | 0.07 | 0.11 | 0.11 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X15
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.20 | 0.22 | 0.15 | 0.02 |
| P2 | 0.47 | 0.25 | 0.28 | 0.19 | |
| | 0.21 | | | | 0.01 |
| P3 | 0.36 | 0.20 | 0.22 | 0.15 | 0.02 |
| P4 | 0.47 | 0.25 | 0.28 | 0.19 | |
| | 0.21 | | | | 0.01 |
| W1 | 1.40×0.22 | 0.08 | 0.22 | 0.06 | 0.01 |
| W2 | 1.40×0.22 | 0.11 | 0.12 | 0.29 | 0.01 |
| W3 | 1.40×0.24 | 0.08 | 0.24 | 0.06 | 0.01 |
| W4 | 1.40×0.24 | 0.12 | 0.14 | 0.32 | 0.02 |
| W5 | 1.80×0.22 | 0.10 | 0.29 | 0.07 | |
| W6 | 1.80×0.22 | 0.15 | 0.16 | 0.37 | |
| W7 | 1.80×0.24 | 0.11 | 0.31 | 0.08 | |
| W8 | 1.80×0.24 | 0.16 | 0.18 | 0.41 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.01 |
| 合　計 | | 1.81 | 2.65 | 2.32 | 0.13 |
| 検　定 | | 0.32 | 0.17 | 0.15 | 0.33 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.51 | 0.07 | 0.32 | 0.32 | 0.00 |
| W2 | 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 | 1.80×0.51 | 0.09 | 0.41 | 0.41 | |
| W4 | 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| | 0.80×0.51 | | | | 0.00 |
| | 0.80×0.45 | | | | 0.00 |
| 合　計 | | 0.32 | 1.39 | 1.39 | 0.01 |
| 検　定 | | 0.09 | 0.22 | 0.22 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>25.70 | Qa<br>34.32 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.17 | 0.59 | 0.36 | 6.81 | |
| | 7.17 | | | | 0.01 |
| P2 | 0.45 | 0.04 | 0.02 | 0.42 | 0.00 |
| P3 | 0.67 | 0.06 | 0.03 | 0.63 | 0.00 |
| P4 | 0.86 | 0.07 | 0.04 | 0.81 | |
| | 0.38 | | | | 0.00 |
| P5 | 0.09 | 0.01 | 0.00 | 0.09 | |
| | 0.09 | | | | 0.00 |
| P6 | 2.47 | 0.81 | 0.49 | 1.97 | 0.01 |
| P7 | 3.13 | 1.03 | 0.63 | 2.50 | |
| | 1.39 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.49 | 1.08 | 1.08 | 0.01 |
| W2 | 0.54×1.67 | 0.00 | 0.00 | 0.10 | 0.00 |
| W3 | 0.54×1.67 | 0.47 | 1.02 | 0.93 | 0.01 |
| W4 | 1.40×0.24 | 0.15 | 0.36 | 0.24 | 0.00 |
| W5 | 1.40×0.25 | 0.03 | 0.02 | 0.14 | 0.00 |
| W6 | 1.80×0.24 | 0.19 | 0.47 | 0.31 | |
| W7 | 1.80×0.25 | 0.03 | 0.02 | 0.18 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.25 | | | | 0.00 |
| W8 | 1.40×0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| W9 | 1.80×0.03 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.03 | | | | 0.00 |
| W10 | 1.40×0.22 | 0.16 | 0.35 | 0.31 | 0.00 |
| W11 | 1.80×0.22 | 0.20 | 0.44 | 0.40 | |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 4.32 | 5.34 | 16.94 | 0.04 |
| 検　定 | | 0.17 | 0.16 | 0.49 | 0.10 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.41 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 | 1.40×0.61 | 0.02 | 0.19 | 0.19 | 0.00 |
| W3 | 1.80×0.41 | 0.02 | 0.16 | 0.16 | |
| W4 | 1.80×0.61 | 0.03 | 0.25 | 0.25 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.61 | | | | 0.00 |
| 合　計 | | 0.08 | 0.74 | 0.74 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.06 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.22 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X22
又
又
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.66 | 0.43 | 1.16 | 0.51 | |
| | 1.66 | | | | 0.00 |
| P2 | 0.41 | 0.11 | 0.29 | 0.13 | 0.00 |
| P3 | 0.53 | 0.14 | 0.37 | 0.16 | 0.00 |
| P4 | 0.68 | 0.18 | 0.47 | 0.21 | |
| | 0.30 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.24 | 0.81 | 0.81 | 0.00 |
| W2 | 0.70×1.86 | 0.25 | 0.85 | 0.85 | 0.00 |
| W3 | 1.40×0.08 | 0.01 | 0.04 | 0.01 | 0.00 |
| W4 | 1.80×0.08 | 0.01 | 0.05 | 0.01 | |
| | 0.80×0.08 | | | | 0.00 |
| W5 | 1.40×0.24 | 0.05 | 0.10 | 0.19 | 0.00 |
| W6 | 1.80×0.24 | 0.06 | 0.13 | 0.25 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 1.47 | 4.26 | 3.12 | 0.02 |
| 検　定 | | 0.13 | 0.20 | 0.15 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>18.40 | Qa<br>29.04 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X16
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.40 | 0.15 | 0.06 | 0.33 | 0.02 |
| P2 | 0.61 | 0.22 | 0.10 | 0.51 | 0.02 |
| P3 | 0.78 | 0.29 | 0.13 | 0.65 | |
| | 0.35 | | | | 0.01 |
| P4 | 0.63 | 0.23 | 0.10 | 0.53 | |
| | 0.63 | | | | 0.02 |
| P5 | 0.66 | 0.38 | 0.52 | 0.14 | 0.03 |
| P6 | 0.85 | 0.48 | 0.67 | 0.18 | |
| | 0.38 | | | | 0.02 |
| P7 | 0.79 | 0.45 | 0.62 | 0.17 | 0.04 |
| P8 | 1.02 | 0.58 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| W1 | 1.47×0.18 | 0.03 | 0.01 | 0.15 | 0.00 |
| W2 | 1.80×0.18 | 0.04 | 0.02 | 0.18 | |
| | 0.80×0.18 | | | | 0.00 |
| W3 | 1.47×0.23 | 0.10 | 0.31 | 0.04 | 0.01 |
| W4 | 1.47×0.24 | 0.10 | 0.32 | 0.04 | 0.01 |
| W5 | 1.47×0.22 | 0.88 | 0.50 | 0.76 | 0.07 |
| W6 | 1.47×0.24 | 0.90 | 0.51 | 0.56 | 0.07 |
| W7 | 1.47×0.10 | 0.02 | 0.01 | 0.10 | 0.00 |
| W8 | 1.80×0.23 | 0.12 | 0.38 | 0.04 | |
| W9 | 1.80×0.24 | 0.12 | 0.39 | 0.05 | |
| W10 | 1.80×0.22 | 1.08 | 0.61 | 0.93 | |
| W11 | 1.80×0.24 | 1.10 | 0.62 | 0.69 | |
| W12 | 1.80×0.10 | 0.03 | 0.01 | 0.13 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.10 | | | | 0.00 |
| W13 | 0.54×1.67 | 0.10 | 0.04 | 0.51 | 0.01 |
| 合　計 | | 7.39 | 6.73 | 6.91 | 0.47 |
| 検　定 | | 0.40 | 0.23 | 0.24 | 0.57 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.41 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 1.40×0.51 | 0.02 | 0.16 | 0.16 | 0.00 |
| W3 1.80×0.41 | 0.02 | 0.16 | 0.16 | |
| W4 1.80×0.51 | 0.02 | 0.21 | 0.21 | |
| 0.80×0.41 | | | | 0.00 |
| 0.80×0.51 | | | | 0.00 |
| 合　計 | 0.07 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.99 | 0.14 | 0.63 | 0.63 | 0.00 |
| W3 1.80×0.26 | 0.05 | 0.21 | 0.21 | |
| W4 1.80×0.99 | 0.18 | 0.81 | 0.81 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.99 | | | | 0.00 |
| 合　計 | 0.41 | 1.81 | 1.81 | 0.01 |
| 検　定 | 0.08 | 0.14 | 0.14 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X13
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W3 1.40×0.19 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.80×0.19 | 0.01 | 0.08 | 0.08 | |
| 0.80×0.19 | | | | 0.00 |
| W5 0.30×0.62 | 0.00 | 0.04 | 0.04 | 0.00 |
| W6 0.65×0.62 | 0.01 | 0.09 | 0.09 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.08 | 0.69 | 0.69 | 0.00 |
| 検　定 | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>10.56 | fs<br>1.10 | Ma<br>21.90 | Qa<br>31.68 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.20 | 0.22 | 0.15 | 0.00 |
| P2 | 0.47 | 0.25 | 0.28 | 0.19 | |
| | 0.21 | | | | 0.00 |
| P3 | 0.11 | 0.06 | 0.06 | 0.04 | 0.00 |
| P4 | 2.90 | 1.58 | 1.74 | 1.16 | 0.02 |
| P5 | 3.62 | 1.98 | 2.17 | 1.45 | |
| | 1.61 | | | | 0.01 |
| P6 | 0.10 | 0.06 | 0.06 | 0.04 | |
| | 0.10 | | | | 0.00 |
| P7 | 2.90 | 0.53 | 0.58 | 2.32 | 0.01 |
| P8 | 3.63 | 0.66 | 0.73 | 2.90 | |
| | 1.61 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.59 | 1.08 | 1.08 | 0.01 |
| W2 | 0.54×1.67 | 0.56 | 1.03 | 1.03 | 0.01 |
| W3 | 1.40×0.28 | 0.13 | 0.14 | 0.21 | 0.00 |
| W4 | 1.40×0.28 | 0.09 | 0.28 | 0.07 | 0.00 |
| W5 | 1.40×0.28 | 0.02 | 0.02 | 0.16 | 0.00 |
| W6 | 1.80×0.28 | 0.16 | 0.18 | 0.27 | |
| W7 | 1.80×0.28 | 0.12 | 0.36 | 0.09 | |
| W8 | 1.80×0.28 | 0.02 | 0.02 | 0.20 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| W9 | 1.40×0.22 | 0.08 | 0.22 | 0.06 | 0.00 |
| W10 | 1.40×0.22 | 0.11 | 0.12 | 0.29 | 0.00 |
| W11 | 1.80×0.22 | 0.10 | 0.29 | 0.07 | |
| W12 | 1.80×0.22 | 0.15 | 0.16 | 0.37 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 7.44 | 9.73 | 12.14 | 0.07 |
| 検　定 | | 0.34 | 0.31 | 0.38 | 0.19 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.98 | 0.29 | 0.39 | 3.59 | |
| | 3.98 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.22 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.20 | 0.61 | 0.50 | 0.00 |
| W3 | 0.54×1.67 | 0.00 | 0.01 | 0.12 | 0.00 |
| W4 | 1.40×0.28 | 0.09 | 0.27 | 0.27 | 0.00 |
| W5 | 1.80×0.28 | 0.12 | 0.34 | 0.34 | |
| | 0.80×0.28 | | | | 0.00 |
| W6 | 1.40×0.56 | 0.18 | 0.53 | 0.53 | 0.00 |
| W7 | 1.80×0.56 | 0.23 | 0.68 | 0.68 | |
| | 0.80×0.56 | | | | 0.00 |
| 合　計 | | 1.34 | 3.48 | 6.68 | 0.00 |
| 検　定 | | 0.04 | 0.10 | 0.19 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>12.76 | fs<br>0.66 | Ma<br>3.67 | Qa<br>6.34 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W2 | 1.40×0.57 | 0.08 | 0.36 | 0.36 | 0.00 |
| W3 | 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| W4 | 1.80×0.57 | 0.11 | 0.46 | 0.46 | |
| | 0.80×0.45 | | | | 0.00 |
| | 0.80×0.57 | | | | 0.00 |
| 合　計 | | 0.34 | 1.48 | 1.48 | 0.01 |
| 検　定 | | 0.09 | 0.23 | 0.23 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>10.56 | fs<br>1.10 | Ma<br>32.12 | Qa<br>34.32 | δa<br>0.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X9
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.17 | 0.17 | 0.00 |
| W2 0.54×1.67 | 0.01 | 0.16 | 0.16 | 0.00 |
| W3 1.40×0.13 | 0.00 | 0.03 | 0.03 | 0.00 |
| W4 1.80×0.13 | 0.00 | 0.04 | 0.04 | |
| 0.80×0.13 | | | | 0.00 |
| W5 1.40×0.15 | 0.00 | 0.04 | 0.04 | 0.00 |
| W6 1.80×0.15 | 0.00 | 0.05 | 0.05 | |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 0.04 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X21
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.59 | 0.09 | 0.38 | 0.38 | 0.00 |
| W3 1.80×0.59 | 0.11 | 0.48 | 0.48 | |
| 0.80×0.59 | | | | 0.00 |
| W4 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.37 | 1.61 | 1.61 | 0.01 |
| 検　定 | 0.07 | 0.12 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 0.54×1.67 | 0.04 | 0.27 | 0.27 | 0.00 |
| W3 1.40×0.25 | 0.02 | 0.10 | 0.10 | 0.00 |
| W4 1.80×0.25 | 0.02 | 0.13 | 0.13 | |
| 0.80×0.25 | | | | 0.00 |
| W5 0.30×0.62 | 0.01 | 0.05 | 0.05 | 0.00 |
| W6 0.65×0.62 | 0.02 | 0.12 | 0.12 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.14 | 0.96 | 0.96 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.99 | 0.14 | 0.63 | 0.63 | 0.00 |
| W3 1.80×0.26 | 0.05 | 0.21 | 0.21 | |
| W4 1.80×0.99 | 0.18 | 0.81 | 0.81 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.99 | | | | 0.00 |
| 合　計 | 0.41 | 1.81 | 1.81 | 0.01 |
| 検　定 | 0.08 | 0.14 | 0.14 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.13 | 0.50 | 0.50 | 0.00 |
| W2 0.54×1.67 | 0.12 | 0.47 | 0.47 | 0.00 |
| W3 1.40×0.24 | 0.05 | 0.18 | 0.18 | 0.00 |
| W4 1.80×0.24 | 0.06 | 0.23 | 0.23 | |
| 0.80×0.24 | | | | 0.00 |
| W5 0.30×0.62 | 0.03 | 0.10 | 0.10 | 0.00 |
| W6 0.65×0.62 | 0.06 | 0.21 | 0.21 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.44 | 1.68 | 1.68 | 0.00 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又
又X21
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.59 | 0.09 | 0.38 | 0.38 | 0.00 |
| W3 1.80×0.59 | 0.11 | 0.48 | 0.48 | |
| 0.80×0.59 | | | | 0.00 |
| W4 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.37 | 1.61 | 1.61 | 0.01 |
| 検　定 | 0.07 | 0.12 | 0.12 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.79 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.26 | 0.05 | 0.21 | 0.21 | |
| W4 1.80×0.79 | 0.15 | 0.64 | 0.64 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.79 | | | | 0.00 |
| 合　計 | 0.34 | 1.51 | 1.51 | 0.01 |
| 検　定 | 0.07 | 0.11 | 0.11 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.03 | 0.24 | 0.24 | 0.00 |
| W2 0.54×1.67 | 0.03 | 0.23 | 0.23 | 0.00 |
| W3 1.40×0.07 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 1.80×0.07 | 0.00 | 0.03 | 0.03 | |
| 0.80×0.07 | | | | 0.00 |
| W5 0.30×0.62 | 0.01 | 0.05 | 0.05 | 0.00 |
| W6 0.65×0.62 | 0.01 | 0.10 | 0.10 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.08 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y5
又X20
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 1.40×0.59 | 0.09 | 0.38 | 0.38 | 0.00 |
| W3 | 1.80×0.59 | 0.11 | 0.48 | 0.48 | |
| | 0.80×0.59 | | | | 0.00 |
| W4 | 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 | 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 0.37 | 1.61 | 1.61 | 0.01 |
| 検　定 | | 0.07 | 0.12 | 0.12 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>10.14 | Qa<br>21.12 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y5
又X12
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.65 | 0.64 | 0.29 | 0.36 | 0.08 |
| P2 | 0.83 | 0.82 | 0.37 | 0.46 | |
| | 0.37 | | | | 0.04 |
| P3 | 0.61 | 0.60 | 0.27 | 0.34 | 0.07 |
| P4 | 0.78 | 0.77 | 0.35 | 0.43 | |
| | 0.35 | | | | 0.04 |
| W1 | 1.47×0.21 | 0.34 | 0.50 | 0.19 | 0.05 |
| W2 | 1.47×0.22 | 0.30 | 0.13 | 0.45 | 0.04 |
| W3 | 1.47×0.24 | 0.32 | 0.14 | 0.49 | 0.04 |
| W4 | 1.47×0.23 | 0.37 | 0.54 | 0.21 | 0.06 |
| W5 | 1.80×0.21 | 0.41 | 0.61 | 0.23 | |
| W6 | 1.80×0.22 | 0.36 | 0.16 | 0.55 | |
| W7 | 1.80×0.24 | 0.40 | 0.17 | 0.60 | |
| W8 | 1.80×0.23 | 0.46 | 0.67 | 0.25 | |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.23 | | | | 0.03 |
| 合　計 | | 5.79 | 4.20 | 4.57 | 0.54 |
| 検　定 | | 0.57 | 0.20 | 0.22 | 0.80 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X21
又Y5
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.67 | 0.20 | 0.45 | 0.22 | 0.00 |
| P2 | 2.94 | 0.89 | 1.96 | 0.98 | 0.00 |
| P3 | 3.68 | 1.12 | 2.45 | 1.23 | |
| | 1.64 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.22 | 0.04 | 0.09 | 0.19 | 0.00 |
| W4 | 1.40×0.22 | 0.02 | 0.11 | 0.02 | 0.00 |
| W5 | 1.80×0.22 | 0.05 | 0.12 | 0.24 | |
| W6 | 1.80×0.22 | 0.03 | 0.15 | 0.03 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 2.88 | 7.06 | 4.64 | 0.01 |
| 検　定 | | 0.12 | 0.22 | 0.15 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.07 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又Y5
又X19
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.02 | 0.18 | 0.18 | 0.00 |
| W2 | 1.40×0.12 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 | 1.80×0.12 | 0.00 | 0.04 | 0.04 | |
| | 0.80×0.12 | | | | 0.00 |
| W4 | 1.40×0.11 | 0.00 | 0.03 | 0.03 | 0.00 |
| W5 | 1.80×0.11 | 0.00 | 0.04 | 0.04 | |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 0.03 | 0.33 | 0.33 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y5
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.12 | 0.48 | 0.48 | 0.00 |
| W2 0.54×1.67 | 0.12 | 0.46 | 0.46 | 0.00 |
| W3 1.40×0.29 | 0.05 | 0.20 | 0.20 | 0.00 |
| W4 1.80×0.29 | 0.07 | 0.26 | 0.26 | |
| 0.80×0.29 | | | | 0.00 |
| W5 0.30×0.62 | 0.02 | 0.09 | 0.09 | 0.00 |
| W6 0.65×0.62 | 0.05 | 0.21 | 0.21 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.43 | 1.70 | 1.70 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y5
又X19
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.59 | 0.02 | 0.19 | 0.19 | 0.00 |
| W3 1.80×0.59 | 0.03 | 0.24 | 0.24 | |
| 0.80×0.59 | | | | 0.00 |
| W4 1.40×0.24 | 0.01 | 0.08 | 0.08 | 0.00 |
| W5 1.80×0.24 | 0.01 | 0.10 | 0.10 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.09 | 0.81 | 0.81 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又Y５
又X19
又Y５

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.51 | 1.02 | 2.25 | 2.25 | |
| | 4.51 | | | | 0.00 |
| P2 | 1.64 | 0.37 | 0.82 | 0.82 | 0.00 |
| P3 | 0.71 | 0.16 | 0.36 | 0.36 | 0.00 |
| P4 | 0.92 | 0.21 | 0.46 | 0.46 | |
| | 0.41 | | | | 0.00 |
| P5 | 2.03 | 0.46 | 1.02 | 1.02 | |
| | 2.03 | | | | 0.00 |
| P6 | 0.18 | 0.04 | 0.09 | 0.09 | 0.00 |
| P7 | 0.06 | 0.01 | 0.03 | 0.03 | 0.00 |
| P8 | 0.08 | 0.02 | 0.04 | 0.04 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.40×0.90 | 0.07 | 0.43 | 0.14 | 0.00 |
| W2 | 1.40×0.11 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.90 | 0.08 | 0.55 | 0.18 | |
| W4 | 1.80×0.11 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.90 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| W5 | 1.40×0.49 | 0.04 | 0.08 | 0.23 | 0.00 |
| W6 | 1.40×0.11 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.49 | 0.05 | 0.10 | 0.30 | |
| W8 | 1.80×0.11 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.49 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 2.57 | 6.39 | 6.09 | 0.01 |
| 検　定 | | 0.16 | 0.24 | 0.23 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y5
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.12 | 0.02 | 0.08 | 0.08 | 0.00 |
| W3 1.80×0.12 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.12 | | | | 0.00 |
| W4 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.17 | 0.74 | 0.74 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.46 | Qa<br>13.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X10
又Y5
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.32 | 0.09 | 0.19 | 0.13 | 0.00 |
| P2 0.74 | 0.20 | 0.43 | 0.31 | |
| 0.48 | | | | 0.00 |
| W1 0.54×1.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 0.54×1.76 | 0.14 | 0.51 | 0.52 | 0.01 |
| W3 0.54×1.69 | 0.00 | 0.00 | 0.00 | 0.00 |
| W4 0.54×1.67 | 0.13 | 0.49 | 0.49 | 0.01 |
| W5 0.30×0.62 | 0.03 | 0.10 | 0.10 | 0.00 |
| W6 0.65×0.62 | 0.06 | 0.22 | 0.22 | |
| 0.30×0.62 | | | | 0.00 |
| W7 1.40×0.30 | 0.03 | 0.15 | 0.04 | 0.00 |
| W8 1.40×0.46 | 0.05 | 0.12 | 0.29 | 0.00 |
| W9 3.20×0.30 | 0.06 | 0.34 | 0.09 | |
| W10 3.20×0.46 | 0.13 | 0.28 | 0.67 | |
| 2.10×0.30 | | | | 0.00 |
| 2.10×0.46 | | | | 0.00 |
| W11 0.54×4.28 | 0.00 | 0.01 | 0.00 | 0.00 |
| 合　計 | 0.90 | 2.84 | 2.86 | 0.03 |
| 検　定 | 0.20 | 0.22 | 0.22 | 0.15 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 11.40 | 21.12 | 0.41 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X10
又Y5
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.18 | 1.61 | 0.98 | 2.20 | |
| | 3.18 | | | | 0.06 |
| P2 | 0.65 | 0.33 | 0.20 | 0.45 | 0.01 |
| P3 | 0.83 | 0.42 | 0.26 | 0.58 | |
| | 0.37 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.66 | 1.18 | 1.18 | 0.04 |
| W2 | 0.54×1.67 | 0.45 | 1.02 | 0.54 | 0.03 |
| W3 | 0.54×1.67 | 0.18 | 0.11 | 0.59 | 0.01 |
| W4 | 1.40×0.19 | 0.05 | 0.03 | 0.17 | 0.00 |
| W5 | 1.40×0.23 | 0.16 | 0.36 | 0.19 | 0.01 |
| W6 | 1.80×0.19 | 0.07 | 0.04 | 0.22 | |
| W7 | 1.80×0.23 | 0.21 | 0.46 | 0.24 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.01 |
| W8 | 0.30×0.62 | 0.13 | 0.23 | 0.23 | 0.01 |
| W9 | 0.65×0.62 | 0.28 | 0.50 | 0.50 | |
| | 0.30×0.62 | | | | 0.01 |
| 合　計 | | 4.54 | 5.37 | 7.07 | 0.19 |
| 検　定 | | 0.40 | 0.25 | 0.33 | 0.45 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又Y５
又X21
又Y５

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.90 | 0.89 | 1.95 | 1.95 | |
| | 3.90 | | | | 0.00 |
| P2 | 1.42 | 0.32 | 0.71 | 0.71 | 0.00 |
| P3 | 2.94 | 0.67 | 1.47 | 1.47 | 0.00 |
| P4 | 3.68 | 0.84 | 1.84 | 1.84 | |
| | 1.64 | | | | 0.00 |
| P5 | 1.68 | 0.38 | 0.84 | 0.84 | |
| | 1.68 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.22 | 0.02 | 0.10 | 0.03 | 0.00 |
| W4 | 1.80×0.22 | 0.02 | 0.13 | 0.04 | |
| | 0.80×0.22 | | | | 0.00 |
| W5 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W6 | 1.80×0.23 | 0.02 | 0.05 | 0.14 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.43 | 8.27 | 8.28 | 0.00 |
| 検　定 | | 0.14 | 0.26 | 0.26 | 0.03 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>5.70 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又Y５

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.41 | 0.32 | 0.71 | 0.71 | |
| | 1.41 | | | | 0.00 |
| P2 | 0.41 | 0.09 | 0.21 | 0.21 | 0.00 |
| P3 | 0.14 | 0.03 | 0.07 | 0.07 | 0.00 |
| P4 | 0.19 | 0.04 | 0.09 | 0.09 | |
| | 0.08 | | | | 0.00 |
| P5 | 0.18 | 0.04 | 0.09 | 0.09 | 0.00 |
| P6 | 0.06 | 0.01 | 0.03 | 0.03 | 0.00 |
| P7 | 0.08 | 0.02 | 0.04 | 0.04 | |
| | 0.04 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.05 | 0.10 | 0.31 | 0.00 |
| W2 | 1.40×0.10 | 0.01 | 0.04 | 0.01 | 0.00 |
| W3 | 1.40×0.24 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.80×0.10 | 0.01 | 0.06 | 0.02 | |
| W5 | 1.80×0.24 | 0.02 | 0.15 | 0.05 | |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| W6 | 1.40×0.10 | 0.01 | 0.01 | 0.04 | 0.00 |
| W7 | 1.80×0.10 | 0.01 | 0.02 | 0.06 | |
| | 0.80×0.10 | | | | 0.00 |
| W8 | 1.40×0.24 | 0.02 | 0.04 | 0.11 | 0.00 |
| W9 | 1.80×0.24 | 0.02 | 0.05 | 0.15 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 0.72 | 1.82 | 2.03 | 0.01 |
| 検　定 | | 0.13 | 0.11 | 0.13 | 0.06 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.03 | 0.25 | 0.25 | 0.00 |
| W2 | 0.54×1.67 | 0.03 | 0.24 | 0.24 | 0.00 |
| W3 | 1.40×0.38 | 0.02 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.38 | 0.02 | 0.18 | 0.18 | |
| | 0.80×0.38 | | | | 0.00 |
| W5 | 0.30×0.62 | 0.01 | 0.05 | 0.05 | 0.00 |
| W6 | 0.65×0.62 | 0.01 | 0.11 | 0.11 | |
| | 0.30×0.62 | | | | 0.00 |
| 合　計 | | 0.13 | 0.96 | 0.96 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X20
又Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.50 | 0.11 | 0.25 | 0.25 | 0.00 |
| P2 | 2.21 | 0.50 | 1.10 | 1.11 | 0.00 |
| P3 | 2.76 | 0.63 | 1.38 | 1.38 | |
| | 1.23 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W4 | 1.40×0.22 | 0.02 | 0.10 | 0.03 | 0.00 |
| W5 | 1.80×0.23 | 0.02 | 0.05 | 0.14 | |
| W6 | 1.80×0.22 | 0.02 | 0.13 | 0.04 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 1.58 | 4.21 | 4.21 | 0.00 |
| 検　定 | | 0.06 | 0.13 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>11.40 | Qa<br>21.12 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
X10
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.24 | 0.00 | 0.01 | 1.23 | 0.00 |
| P2 | 0.17 | 0.00 | 0.00 | 0.16 | 0.00 |
| P3 | 0.21 | 0.00 | 0.00 | 0.21 | |
| | 0.09 | | | | 0.00 |
| P4 | 0.06 | 0.00 | 0.00 | 0.06 | 0.00 |
| P5 | 0.13 | 0.00 | 0.00 | 0.13 | |
| | 0.09 | | | | 0.00 |
| W1 | 1.40×9.80 | 0.00 | 0.00 | 0.11 | 0.00 |
| W2 | 1.80×9.80 | 0.00 | 0.00 | 0.14 | |
| | 0.80×9.80 | | | | 0.00 |
| W3 | 1.40×0.07 | 0.01 | 0.05 | 0.05 | 0.00 |
| W4 | 1.40×0.13 | 0.02 | 0.09 | 0.09 | 0.00 |
| W5 | 3.20×0.07 | 0.03 | 0.12 | 0.11 | |
| W6 | 3.20×0.13 | 0.06 | 0.21 | 0.21 | |
| | 2.10×0.07 | | | | 0.00 |
| | 2.10×0.13 | | | | 0.00 |
| W7 | 0.54×1.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| W8 | 0.54×3.09 | 0.00 | 0.00 | 0.01 | 0.00 |
| 合　計 | | 0.13 | 0.49 | 2.52 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.12 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.88 | 0.81 | 0.81 | 1.07 | |
| | 1.88 | | | | 0.01 |
| P2 | 0.42 | 0.18 | 0.18 | 0.24 | 0.00 |
| P3 | 0.63 | 0.27 | 0.27 | 0.36 | 0.00 |
| P4 | 0.81 | 0.35 | 0.35 | 0.46 | |
| | 0.36 | | | | 0.00 |
| P5 | 0.09 | 0.04 | 0.04 | 0.05 | |
| | 0.09 | | | | 0.00 |
| P6 | 0.62 | 0.10 | 0.50 | 0.12 | 0.00 |
| P7 | 0.79 | 0.13 | 0.64 | 0.15 | |
| | 0.35 | | | | 0.00 |
| P8 | 0.93 | 0.43 | 0.43 | 0.50 | 0.01 |
| P9 | 1.20 | 0.55 | 0.55 | 0.64 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.40 | 0.88 | 0.88 | 0.01 |
| W2 | 0.54×1.67 | 0.16 | 0.16 | 0.57 | 0.00 |
| W3 | 0.54×1.67 | 0.23 | 0.68 | 0.27 | 0.00 |
| W4 | 1.40×0.89 | 0.03 | 0.39 | 0.04 | 0.00 |
| W5 | 1.40×0.89 | 0.25 | 0.51 | 0.29 | 0.00 |
| W6 | 1.40×0.89 | 0.25 | 0.25 | 0.82 | 0.00 |
| W7 | 1.80×0.89 | 0.04 | 0.51 | 0.05 | |
| W8 | 1.80×0.89 | 0.32 | 0.66 | 0.38 | |
| W9 | 1.80×0.89 | 0.32 | 0.32 | 1.05 | |
| | 0.80×0.89 | | | | 0.00 |
| | 0.80×0.89 | | | | 0.00 |
| | 0.80×0.89 | | | | 0.00 |
| W10 | 1.40×0.23 | 0.05 | 0.05 | 0.20 | 0.00 |
| W11 | 1.80×0.23 | 0.07 | 0.07 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| W12 | 1.40×0.16 | 0.05 | 0.16 | 0.06 | 0.00 |
| W13 | 1.80×0.16 | 0.07 | 0.20 | 0.08 | |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 5.10 | 8.60 | 8.51 | 0.06 |
| 検　定 | | 0.32 | 0.33 | 0.32 | 0.19 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.46 | Qa<br>13.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.58 | 0.06 | 0.24 | 0.34 | 0.00 |
| P2 | 1.33 | 0.15 | 0.54 | 0.79 | |
| | 0.87 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 | 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W3 | 0.30×0.62 | 0.00 | 0.04 | 0.04 | 0.00 |
| W4 | 0.65×0.62 | 0.01 | 0.09 | 0.09 | |
| | 0.30×0.62 | | | | 0.00 |
| W5 | 1.40×0.20 | 0.00 | 0.01 | 0.04 | 0.00 |
| W6 | 1.40×0.27 | 0.01 | 0.07 | 0.03 | 0.00 |
| W7 | 3.20×0.20 | 0.01 | 0.02 | 0.09 | |
| W8 | 3.20×0.27 | 0.01 | 0.16 | 0.07 | |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.27 | | | | 0.00 |
| 合　計 | | 0.30 | 1.60 | 1.92 | 0.00 |
| 検　定 | | 0.07 | 0.12 | 0.15 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.22 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.10 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 | 1.40×0.25 | 0.08 | 0.23 | 0.23 | 0.00 |
| W3 | 3.20×0.10 | 0.07 | 0.21 | 0.21 | |
| W4 | 3.20×0.25 | 0.17 | 0.53 | 0.53 | |
| | 2.10×0.10 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| 合　計 | | 0.35 | 1.06 | 1.06 | 0.01 |
| 検　定 | | 0.05 | 0.07 | 0.07 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.75 | 0.29 | 0.40 | 0.35 | 0.00 |
| P2 | 1.72 | 0.66 | 0.91 | 0.80 | |
| | 1.13 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.28 | 0.73 | 0.73 | 0.00 |
| W2 | 0.30×0.62 | 0.05 | 0.14 | 0.14 | 0.00 |
| W3 | 0.65×0.62 | 0.12 | 0.31 | 0.31 | |
| | 0.30×0.62 | | | | 0.00 |
| W4 | 1.40×0.72 | 0.16 | 0.22 | 0.61 | 0.00 |
| W5 | 1.40×0.62 | 0.12 | 0.48 | 0.15 | 0.00 |
| W6 | 3.20×0.72 | 0.37 | 0.50 | 1.39 | |
| W7 | 3.20×0.62 | 0.28 | 1.10 | 0.34 | |
| | 2.10×0.72 | | | | 0.00 |
| | 2.10×0.62 | | | | 0.00 |
| 合　計 | | 2.33 | 4.80 | 4.82 | 0.02 |
| 検　定 | | 0.13 | 0.18 | 0.18 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.47 | 0.95 | 0.95 | 0.03 |
| 合　計 | | 0.47 | 0.95 | 0.95 | 0.03 |
| 検　定 | | 0.07 | 0.06 | 0.06 | 0.10 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>10.56 | fs<br>1.10 | Ma<br>24.63 | Qa<br>31.68 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.42 | 0.13 | 2.28 | 0.15 | |
| | 2.42 | | | | 0.00 |
| P2 | 3.03 | 0.69 | 0.76 | 2.27 | |
| | 3.03 | | | | 0.01 |
| P3 | 0.41 | 0.09 | 0.10 | 0.31 | 0.00 |
| P4 | 0.14 | 0.03 | 0.04 | 0.11 | 0.00 |
| P5 | 0.19 | 0.04 | 0.05 | 0.14 | |
| | 0.08 | | | | 0.00 |
| P6 | 1.41 | 0.32 | 1.05 | 0.35 | 0.00 |
| P7 | 1.73 | 0.39 | 1.30 | 0.43 | |
| | 0.77 | | | | 0.00 |
| P8 | 0.99 | 0.45 | 0.50 | 0.50 | 0.00 |
| P9 | 1.80 | 0.82 | 0.90 | 0.90 | 0.01 |
| P10 | 2.27 | 1.03 | 1.13 | 1.13 | |
| | 1.01 | | | | 0.00 |
| P11 | 1.66 | 0.75 | 0.83 | 0.83 | |
| | 1.66 | | | | 0.00 |
| P12 | 0.75 | 0.34 | 0.37 | 0.37 | |
| | 0.75 | | | | 0.00 |
| P13 | 0.58 | 0.26 | 0.29 | 0.29 | |
| | 0.58 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.93 | 0.07 | 0.52 | 0.07 | 0.00 |
| W4 | 1.40×1.23 | 0.27 | 0.49 | 0.29 | 0.00 |
| W5 | 1.40×0.22 | 0.05 | 0.05 | 0.09 | 0.00 |
| W6 | 1.80×0.93 | 0.09 | 0.67 | 0.10 | |
| W7 | 1.80×1.23 | 0.34 | 0.63 | 0.38 | |
| W8 | 1.80×0.22 | 0.06 | 0.07 | 0.11 | |
| | 0.80×0.93 | | | | 0.00 |
| | 0.80×1.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W9 | 1.40×0.22 | 0.02 | 0.02 | 0.12 | 0.00 |
| W10 | 1.80×0.22 | 0.02 | 0.02 | 0.16 | |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 7.32 | 14.36 | 11.41 | 0.05 |
| 検　定 | | 0.30 | 0.45 | 0.36 | 0.15 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.03 | 0.28 | 0.28 | 0.00 |
| W2 | 0.70×1.86 | 0.03 | 0.30 | 0.29 | 0.00 |
| W3 | 1.40×1.00 | 0.03 | 0.32 | 0.32 | 0.00 |
| W4 | 1.80×1.00 | 0.04 | 0.41 | 0.41 | |
| | 0.80×1.00 | | | | 0.00 |
| 合　計 | | 0.14 | 1.30 | 1.30 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.09 | 0.00 | 0.01 | 0.08 | 0.00 |
| P2 | 0.72 | 0.04 | 0.09 | 0.63 | |
| | 0.72 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.40 | 0.32 | 0.00 |
| W2 | 1.40×0.24 | 0.03 | 0.15 | 0.11 | 0.00 |
| W3 | 1.80×0.24 | 0.04 | 0.19 | 0.15 | |
| | 0.80×0.24 | | | | 0.00 |
| W4 | 1.40×0.77 | 0.11 | 0.49 | 0.49 | 0.00 |
| W5 | 1.40×0.05 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.77 | 0.14 | 0.63 | 0.63 | |
| W7 | 1.80×0.05 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.77 | | | | 0.00 |
| | 0.80×0.05 | | | | 0.00 |
| 合　計 | | 0.46 | 1.95 | 2.42 | 0.01 |
| 検　定 | | 0.07 | 0.12 | 0.15 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y6
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.97 | 0.14 | 0.61 | 0.61 | 0.00 |
| W4 1.80×0.97 | 0.18 | 0.79 | 0.79 | |
| 0.80×0.97 | | | | 0.00 |
| 合　計 | 0.58 | 2.56 | 2.56 | 0.00 |
| 検　定 | 0.02 | 0.08 | 0.08 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y6
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.25 | 0.15 | 0.32 | 0.32 | 0.01 |
| W2 1.40×0.21 | 0.12 | 0.26 | 0.26 | 0.01 |
| W3 3.20×0.25 | 0.33 | 0.73 | 0.73 | |
| W4 3.20×0.21 | 0.28 | 0.60 | 0.60 | |
| 2.10×0.25 | | | | 0.01 |
| 2.10×0.21 | | | | 0.01 |
| 合　計 | 0.88 | 1.91 | 1.91 | 0.04 |
| 検　定 | 0.12 | 0.12 | 0.12 | 0.13 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>10.56 | fs<br>1.10 | Ma<br>27.37 | Qa<br>31.68 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y6
又X16
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.08 | 0.01 | 0.01 | 0.07 | 0.00 |
| P2 | 2.40 | 0.16 | 0.29 | 2.11 | |
| | 2.40 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.12 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.21 | 0.03 | 0.13 | 0.10 | 0.00 |
| W4 | 1.80×0.21 | 0.04 | 0.17 | 0.13 | |
| | 0.80×0.21 | | | | 0.00 |
| W5 | 1.40×0.05 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.05 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.05 | | | | 0.00 |
| 合　計 | | 0.48 | 1.76 | 3.58 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.11 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又Y6
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.96 | 2.62 | 1.52 | 1.44 | |
| | 2.96 | | | | 0.10 |
| W1 | 0.54×1.67 | 0.68 | 1.18 | 0.38 | 0.03 |
| W2 | 0.54×1.67 | 0.73 | 0.42 | 1.22 | 0.03 |
| W3 | 1.40×0.10 | 0.21 | 0.24 | 0.24 | 0.01 |
| W4 | 1.80×0.10 | 0.28 | 0.31 | 0.31 | |
| | 0.80×0.10 | | | | 0.01 |
| W5 | 0.30×0.62 | 0.29 | 0.32 | 0.32 | 0.01 |
| W6 | 0.65×0.62 | 0.63 | 0.71 | 0.71 | |
| | 0.30×0.62 | | | | 0.01 |
| 合　計 | | 5.44 | 4.71 | 4.63 | 0.20 |
| 検　定 | | 0.27 | 0.18 | 0.18 | 0.35 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>11.00 | fs<br>1.10 | Ma<br>17.82 | Qa<br>26.40 | δa<br>0.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又Y6
又X11
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.92 | 0.06 | 0.70 | 0.22 | 0.00 |
| P2 | 2.10 | 0.14 | 1.59 | 0.51 | |
| | 1.38 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.01 | 0.17 | 0.17 | 0.00 |
| W2 | 0.54×1.67 | 0.01 | 0.16 | 0.16 | 0.00 |
| W3 | 1.40×0.89 | 0.01 | 0.22 | 0.22 | 0.00 |
| W4 | 1.80×0.89 | 0.02 | 0.28 | 0.28 | |
| | 0.80×0.89 | | | | 0.00 |
| W5 | 1.40×0.43 | 0.01 | 0.06 | 0.10 | 0.00 |
| W6 | 1.40×0.14 | 0.00 | 0.01 | 0.00 | 0.00 |
| W7 | 3.20×0.43 | 0.01 | 0.14 | 0.23 | |
| W8 | 3.20×0.14 | 0.00 | 0.03 | 0.00 | |
| | 2.10×0.43 | | | | 0.00 |
| | 2.10×0.14 | | | | 0.00 |
| 合　計 | | 0.27 | 3.35 | 1.88 | 0.00 |
| 検　定 | | 0.02 | 0.13 | 0.07 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>11.00 | fs<br>1.10 | Ma<br>15.84 | Qa<br>26.40 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.93 | 0.34 | 0.53 | 0.40 | 0.00 |
| P2 | 1.20 | 0.44 | 0.68 | 0.51 | |
| | 0.53 | | | | 0.00 |
| P3 | 1.04 | 0.38 | 0.59 | 0.45 | 0.00 |
| P4 | 2.38 | 0.88 | 1.36 | 1.02 | |
| | 1.56 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.26 | 0.71 | 0.71 | 0.00 |
| W2 | 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| W3 | 1.40×0.88 | 0.15 | 0.62 | 0.17 | 0.00 |
| W4 | 1.40×0.88 | 0.19 | 0.30 | 0.75 | 0.00 |
| W5 | 1.80×0.88 | 0.19 | 0.80 | 0.22 | |
| W6 | 1.80×0.88 | 0.25 | 0.39 | 0.97 | |
| | 0.80×0.88 | | | | 0.00 |
| | 0.80×0.88 | | | | 0.00 |
| W7 | 1.40×0.95 | 0.16 | 0.67 | 0.18 | 0.00 |
| W8 | 1.40×0.90 | 0.20 | 0.31 | 0.77 | 0.00 |
| W9 | 3.20×0.95 | 0.36 | 1.53 | 0.42 | |
| W10 | 3.20×0.90 | 0.45 | 0.70 | 1.76 | |
| | 2.10×0.95 | | | | 0.00 |
| | 2.10×0.90 | | | | 0.00 |
| 合　計 | | 4.48 | 9.87 | 9.02 | 0.03 |
| 検　定 | | 0.28 | 0.37 | 0.34 | 0.13 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.08 | 0.17 | 0.19 | 0.19 | 0.04 |
| W2 1.40×0.18 | 0.38 | 0.43 | 0.43 | 0.08 |
| W3 1.80×0.08 | 0.22 | 0.25 | 0.25 | |
| W4 1.80×0.18 | 0.48 | 0.55 | 0.55 | |
| 0.80×0.08 | | | | 0.02 |
| 0.80×0.18 | | | | 0.05 |
| 合　計 | 1.25 | 1.41 | 1.41 | 0.18 |
| 検　定 | 0.17 | 0.09 | 0.09 | 0.31 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X11
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.25 | 0.24 | 0.41 | 0.41 | 0.02 |
| W2 1.40×0.21 | 0.20 | 0.34 | 0.34 | 0.02 |
| W3 3.20×0.25 | 0.55 | 0.93 | 0.93 | |
| W4 3.20×0.21 | 0.46 | 0.79 | 0.79 | |
| 2.10×0.25 | | | | 0.03 |
| 2.10×0.21 | | | | 0.03 |
| 合　計 | 1.46 | 2.47 | 2.47 | 0.11 |
| 検　定 | 0.20 | 0.16 | 0.16 | 0.27 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.01 |
| W2 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.01 |
| W3 1.40×0.21 | 0.12 | 0.26 | 0.26 | 0.00 |
| W4 1.80×0.21 | 0.15 | 0.34 | 0.34 | |
| 0.80×0.21 | | | | 0.00 |
| 合　計 | 1.33 | 2.91 | 2.91 | 0.03 |
| 検　定 | 0.10 | 0.14 | 0.14 | 0.10 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.15 | 0.33 | 0.37 | 0.37 | 0.07 |
| W2 1.40×0.23 | 0.49 | 0.56 | 0.56 | 0.10 |
| W3 1.80×0.15 | 0.42 | 0.48 | 0.48 | |
| W4 1.80×0.23 | 0.63 | 0.71 | 0.71 | |
| 0.80×0.15 | | | | 0.04 |
| 0.80×0.23 | | | | 0.06 |
| 合　計 | 1.88 | 2.12 | 2.12 | 0.28 |
| 検　定 | 0.26 | 0.13 | 0.13 | 0.47 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.04 | 0.32 | 0.32 | 0.00 |
| W2 0.70×1.86 | 0.04 | 0.33 | 0.33 | 0.00 |
| W3 1.40×0.34 | 0.02 | 0.12 | 0.12 | 0.00 |
| W4 1.80×0.34 | 0.02 | 0.16 | 0.16 | |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.12 | 0.92 | 0.92 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>0.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又Y7
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.01 | 0.19 | 0.19 | 0.00 |
| W2 0.70×1.86 | 0.01 | 0.19 | 0.19 | 0.00 |
| W3 1.40×0.25 | 0.00 | 0.05 | 0.05 | 0.00 |
| W4 1.80×0.25 | 0.00 | 0.07 | 0.07 | |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.04 | 0.50 | 0.50 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 11.00 | 1.10 | 7.13 | 15.84 | 0.48 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/X9
又Y7
又X11
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.25 | 0.36 | 0.49 | 0.49 | 0.05 |
| W2 1.40×0.21 | 0.31 | 0.42 | 0.42 | 0.04 |
| W3 3.20×0.25 | 0.82 | 1.13 | 1.13 | |
| W4 3.20×0.21 | 0.70 | 0.97 | 0.97 | |
| 2.10×0.25 | | | | 0.08 |
| 2.10×0.21 | | | | 0.07 |
| 合　計 | 2.18 | 3.02 | 3.02 | 0.24 |
| 検　定 | 0.31 | 0.19 | 0.19 | 0.49 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 11.00 | 1.10 | 12.67 | 21.12 | 0.15 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又X12
又Y7
又X13
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W4 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.30 | 1.31 | 1.31 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W4 3.20×0.11 | 0.03 | 0.15 | 0.15 | |
| 2.10×0.11 | | | | 0.00 |
| 合　計 | 0.31 | 1.37 | 1.37 | 0.01 |
| 検　定 | 0.06 | 0.10 | 0.10 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.57 | 0.57 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.31 | 0.04 | 0.20 | 0.20 | 0.00 |
| W4 3.20×0.31 | 0.10 | 0.45 | 0.45 | |
| 2.10×0.31 | | | | 0.00 |
| 合　計 | 0.41 | 1.80 | 1.80 | 0.01 |
| 検　定 | 0.08 | 0.14 | 0.14 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.21 | 0.43 | 0.50 | 0.50 | 0.09 |
| W2 1.40×0.23 | 0.46 | 0.54 | 0.54 | 0.09 |
| W3 3.20×0.21 | 0.98 | 1.15 | 1.15 | |
| W4 3.20×0.23 | 1.05 | 1.23 | 1.23 | |
| 2.10×0.21 | | | | 0.13 |
| 2.10×0.23 | | | | 0.14 |
| 合　計 | 2.92 | 3.42 | 3.42 | 0.44 |
| 検　定 | 0.41 | 0.22 | 0.22 | 0.77 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.29 | 0.04 | 0.18 | 0.18 | 0.00 |
| W4 3.20×0.29 | 0.09 | 0.41 | 0.41 | |
| 2.10×0.29 | | | | 0.00 |
| 合　計 | 0.40 | 1.74 | 1.74 | 0.01 |
| 検　定 | 0.08 | 0.13 | 0.13 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
Y8
又X10
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.06 | 0.40 | 0.40 | 0.00 |
| W2 0.70×1.86 | 0.07 | 0.42 | 0.42 | 0.00 |
| W3 1.40×0.09 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 3.20×0.09 | 0.01 | 0.08 | 0.08 | |
| 2.10×0.09 | | | | 0.00 |
| 合　計 | 0.15 | 0.94 | 0.94 | 0.00 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

(3) 短期時の検討



短期時　梁

検定値　Mm／Ma　Qn／Qa　δm／δa

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 54.19 | 53.76 | 0.61 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

2/Y1
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.04 | 0.04 | 0.00 |
| W3 0.54×0.82 | 0.05 | 0.20 | 0.20 | 0.00 |
| W4 0.29×0.82 | 0.02 | 0.11 | 0.11 | 0.00 |
| W5 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.16 | 0.69 | 0.69 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

2/Y1
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.06 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W3 0.54×0.82 | 0.06 | 0.23 | 0.23 | 0.00 |
| W4 0.29×0.82 | 0.03 | 0.12 | 0.12 | 0.00 |
| W5 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.00 |
| 合　計 | 0.29 | 1.12 | 1.12 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.56 | 0.95 | 0.52 | 1.04 | 0.01 |
| P2 2.90 | 1.76 | 0.97 | 1.94 | 0.02 |
| W1 0.47×0.30 | 0.12 | 0.19 | 0.19 | 0.00 |
| W2 0.29×0.30 | 0.07 | 0.12 | 0.12 | 0.00 |
| W3 0.54×0.82 | 0.36 | 0.60 | 0.60 | 0.00 |
| W4 0.29×0.82 | 0.20 | 0.32 | 0.32 | 0.00 |
| W5 0.70×1.77 | 1.03 | 1.69 | 1.69 | 0.01 |
| 合　計 | 4.48 | 4.41 | 5.90 | 0.05 |
| 検　定 | 0.09 | 0.08 | 0.11 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.56 | 0.95 | 1.04 | 0.52 | 0.01 |
| P2 | 2.90 | 1.76 | 1.94 | 0.97 | 0.02 |
| W1 | 0.47×0.30 | 0.12 | 0.19 | 0.19 | 0.00 |
| W2 | 0.29×0.30 | 0.07 | 0.12 | 0.12 | 0.00 |
| W3 | 0.54×0.82 | 0.36 | 0.60 | 0.60 | 0.00 |
| W4 | 0.29×0.82 | 0.20 | 0.32 | 0.32 | 0.00 |
| W5 | 0.70×1.77 | 1.03 | 1.69 | 1.69 | 0.01 |
| 合　計 | | 4.48 | 5.90 | 4.41 | 0.05 |
| 検　定 | | 0.09 | 0.11 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | | 0.06 | 0.28 | 0.28 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.04 | 0.04 | 0.00 |
| W3 0.54×0.82 | 0.05 | 0.20 | 0.20 | 0.00 |
| W4 0.29×0.82 | 0.02 | 0.11 | 0.11 | 0.00 |
| W5 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.16 | 0.69 | 0.69 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W3 0.54×0.82 | 0.06 | 0.23 | 0.23 | 0.00 |
| W4 0.29×0.82 | 0.03 | 0.12 | 0.12 | 0.00 |
| W5 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.00 |
| 合　計 | 0.29 | 1.12 | 1.12 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又
又X6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.56 | 0.95 | 0.52 | 1.04 | 0.01 |
| P2 | 2.90 | 1.76 | 0.97 | 1.94 | 0.02 |
| W1 | 0.47×0.30 | 0.12 | 0.19 | 0.19 | 0.00 |
| W2 | 0.29×0.30 | 0.07 | 0.12 | 0.12 | 0.00 |
| W3 | 0.54×0.82 | 0.36 | 0.60 | 0.60 | 0.00 |
| W4 | 0.29×0.82 | 0.20 | 0.32 | 0.32 | 0.00 |
| W5 | 0.70×1.77 | 1.03 | 1.69 | 1.69 | 0.01 |
| 合　計 | | 4.48 | 4.41 | 5.90 | 0.05 |
| 検　定 | | 0.09 | 0.08 | 0.11 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又X6
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.56 | 0.82 | 0.90 | 0.66 | 0.00 |
| P2 | 2.90 | 1.52 | 1.67 | 1.24 | 0.01 |
| W1 | 0.47×0.30 | 0.08 | 0.15 | 0.15 | 0.00 |
| W2 | 0.29×0.30 | 0.05 | 0.09 | 0.09 | 0.00 |
| W3 | 0.54×0.82 | 0.25 | 0.47 | 0.47 | 0.00 |
| W4 | 0.29×0.82 | 0.13 | 0.25 | 0.25 | 0.00 |
| W5 | 0.70×1.77 | 0.69 | 1.33 | 1.33 | 0.00 |
| 合　計 | | 3.53 | 4.86 | 4.19 | 0.02 |
| 検　定 | | 0.07 | 0.09 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y1
又
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.11 | 0.35 | 0.63 | 0.48 | 0.00 |
| P2 | 2.07 | 0.65 | 1.18 | 0.89 | 0.00 |
| W1 | 0.47×0.30 | 0.03 | 0.10 | 0.10 | 0.00 |
| W2 | 0.29×0.30 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 | 0.54×0.82 | 0.10 | 0.30 | 0.30 | 0.00 |
| W4 | 0.29×0.82 | 0.05 | 0.16 | 0.16 | 0.00 |
| W5 | 0.70×1.77 | 0.29 | 0.85 | 0.85 | 0.00 |
| 合　計 | | 1.50 | 3.27 | 2.84 | 0.00 |
| 検　定 | | 0.03 | 0.06 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又<br>又X2 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又X2<br>又 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又<br>X5 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>X5<br>又 | 1.96 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>又<br>又 | 1.82 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>又 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>X8 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>X8<br>X9 | 0.78 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>X8<br>X9 | 0.78 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又Y2<br>X8<br>X9 | 0.78 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又 | 0.43 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.92 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又X2 | 1.39 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又X2<br>X3 | 0.43 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.92 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>X3<br>又 | 1.39 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/<br>又<br>又 | 0.32 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/<br>又<br>又 | 1.50 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/<br>又 | 1.23 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/<br>又 | 0.59 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/又<br>X8<br>X9 | 0.78 | | | | | | | | | | |

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
XO
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.70 | 0.06 | 0.54 | 0.17 | 0.00 |
| P2 | 1.31 | 0.12 | 1.00 | 0.31 | 0.00 |
| P3 | 1.86 | 0.17 | 1.42 | 0.44 | 0.00 |
| P4 | 3.46 | 0.32 | 2.64 | 0.82 | 0.00 |
| W1 | 0.54×1.67 | 0.03 | 0.26 | 0.26 | 0.00 |
| 合　計 | | 0.71 | 5.85 | 1.99 | 0.00 |
| 検　定 | | 0.01 | 0.11 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.29 | 0.29 | 0.63 | 0.63 | 0.00 |
| W2 0.29×1.29 | 0.15 | 0.34 | 0.34 | 0.00 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.72 | 0.23 | 0.17 | 0.54 | 0.00 |
| P2 1.34 | 0.44 | 0.32 | 1.02 | 0.00 |
| P3 1.79 | 0.58 | 0.43 | 1.36 | 0.00 |
| P4 3.34 | 1.09 | 0.80 | 2.54 | 0.00 |
| W1 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.00 |
| 合　計 | 2.62 | 2.54 | 6.29 | 0.01 |
| 検　定 | 0.05 | 0.05 | 0.12 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X2
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.24 | 0.04 | 0.04 | 0.21 | 0.00 |
| P2 | 0.50 | 0.08 | 0.08 | 0.42 | 0.00 |
| W1 | 0.54×1.29 | 0.28 | 0.63 | 0.63 | 0.00 |
| W2 | 0.29×1.29 | 0.15 | 0.34 | 0.34 | 0.00 |
| 合　計 | | 0.55 | 1.08 | 1.60 | 0.01 |
| 検　定 | | 0.02 | 0.03 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X3
又X4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.88 | 0.48 | 0.35 | 0.53 | 0.00 |
| P2 | 1.68 | 0.91 | 0.67 | 1.02 | 0.01 |
| P3 | 1.79 | 0.97 | 0.71 | 1.08 | 0.01 |
| P4 | 3.34 | 1.81 | 1.32 | 2.01 | 0.01 |
| W1 | 0.54×1.67 | 0.57 | 1.04 | 1.04 | 0.00 |
| 合　計 | | 4.74 | 4.09 | 5.68 | 0.03 |
| 検　定 | | 0.10 | 0.08 | 0.11 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| 合　計 | 0.21 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.83 | 0.19 | 0.35 | 0.48 | 0.00 |
| P2 | 1.54 | 0.36 | 0.65 | 0.89 | 0.00 |
| P3 | 1.86 | 0.43 | 0.79 | 1.07 | 0.00 |
| P4 | 3.46 | 0.80 | 1.47 | 1.99 | 0.00 |
| W1 | 0.54×1.67 | 0.12 | 0.46 | 0.46 | 0.00 |
| 合　計 | | 1.90 | 3.72 | 4.89 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.09 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又X6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.80 | 0.26 | 0.19 | 0.61 | 0.00 |
| P2 | 1.49 | 0.48 | 0.36 | 1.13 | 0.00 |
| P3 | 1.79 | 0.58 | 0.43 | 1.36 | 0.00 |
| P4 | 3.34 | 1.09 | 0.80 | 2.54 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.00 |
| 合　計 | | 2.70 | 2.59 | 6.46 | 0.01 |
| 検　定 | | 0.06 | 0.05 | 0.12 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>1.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X6
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.80 | 0.43 | 0.32 | 0.48 | 0.00 |
| P2 | 1.49 | 0.80 | 0.59 | 0.90 | 0.01 |
| P3 | 0.65 | 0.23 | 0.17 | 0.49 | 0.00 |
| P4 | 0.84 | 0.29 | 0.22 | 0.62 | 0.00 |
| P5 | 0.40 | 0.14 | 0.10 | 0.30 | 0.00 |
| P6 | 1.79 | 0.97 | 0.71 | 1.08 | 0.01 |
| P7 | 3.34 | 1.81 | 1.32 | 2.01 | 0.01 |
| W1 | 0.54×1.67 | 0.57 | 1.04 | 1.04 | 0.01 |
| 合　計 | | 5.25 | 4.46 | 6.91 | 0.04 |
| 検　定 | | 0.12 | 0.08 | 0.13 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>6.48 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
X8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.52 | 0.34 | 0.74 | 0.74 | 0.04 |
| W2 | 0.29×1.52 | 0.18 | 0.40 | 0.40 | 0.02 |
| 合　計 | | 0.52 | 1.14 | 1.14 | 0.06 |
| 検　定 | | 0.08 | 0.06 | 0.06 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.12 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又X7
X9

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.57 | 0.24 | 0.26 | 0.31 | 0.00 |
| P2 | 1.06 | 0.44 | 0.49 | 0.57 | 0.00 |
| P3 | 1.28 | 0.53 | 0.59 | 0.69 | 0.00 |
| P4 | 2.38 | 1.00 | 1.09 | 1.29 | 0.00 |
| W1 | 0.54×1.67 | 0.32 | 0.76 | 0.76 | 0.00 |
| 合　計 | | 2.53 | 3.19 | 3.61 | 0.01 |
| 検　定 | | 0.05 | 0.06 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X8
X9

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.52 | 0.06 | 0.32 | 0.32 | 0.00 |
| W2 | 0.29×1.52 | 0.03 | 0.17 | 0.17 | 0.00 |
| 合　計 | | 0.09 | 0.49 | 0.49 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X0
X2

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.71 | 0.55 | 0.29 | 0.42 | 0.02 |
| P2 | 0.27 | 0.21 | 0.11 | 0.16 | 0.01 |
| P3 | 1.07 | 0.84 | 0.44 | 0.64 | 0.03 |
| W1 | 0.59×0.40 | 0.31 | 0.38 | 0.38 | 0.01 |
| W2 | 1.30×0.40 | 0.68 | 0.84 | 0.84 | |
| | 0.60×0.40 | | | | 0.01 |
| W3 | 0.98×1.00 | 1.30 | 1.62 | 1.62 | 0.05 |
| 合　計 | | 3.88 | 3.68 | 4.06 | 0.13 |
| 検　定 | | 0.13 | 0.10 | 0.11 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X2
X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.22 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 | 1.30×0.22 | 0.03 | 0.13 | 0.13 | |
| | 0.60×0.22 | | | | 0.00 |
| W3 | 0.98×1.00 | 0.10 | 0.45 | 0.45 | 0.00 |
| 合　計 | | 0.14 | 0.64 | 0.64 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| W3 0.98×1.00 | 0.15 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.23 | 0.82 | 0.82 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.53 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.30×0.53 | 0.09 | 0.36 | 0.36 | |
| 0.60×0.53 | | | | 0.00 |
| W3 0.98×1.00 | 0.13 | 0.51 | 0.51 | 0.00 |
| 合　計 | 0.27 | 1.04 | 1.04 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 28.80 | 38.40 | 0.47 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

2/Y4
又X4
X5

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.53 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 | 1.30×0.53 | 0.09 | 0.36 | 0.36 | |
| | 0.60×0.53 | | | | 0.00 |
| W3 | 0.98×1.00 | 0.13 | 0.51 | 0.51 | 0.00 |
| 合　計 | | 0.27 | 1.04 | 1.04 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 37.38 | 49.92 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/Y4
X5
又X7

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.97 | 0.64 | 0.65 | 0.32 | 0.07 |
| P2 | 1.21 | 0.80 | 0.81 | 0.40 | 0.09 |
| P3 | 0.57 | 0.38 | 0.38 | 0.19 | 0.04 |
| P4 | 0.97 | 1.28 | 0.33 | 0.65 | 0.07 |
| P5 | 1.22 | 1.59 | 0.41 | 0.81 | 0.09 |
| P6 | 0.58 | 0.76 | 0.19 | 0.38 | 0.04 |
| 合　計 | | 5.44 | 2.77 | 2.75 | 0.41 |
| 検　定 | | 0.15 | 0.06 | 0.06 | 0.20 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y4
X2
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.22 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.22 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.22 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.40 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/又Y4
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 1.47 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W2 0.59×0.14 | 0.11 | 0.14 | 0.14 | 0.01 |
| W3 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| W4 1.30×0.14 | 0.25 | 0.30 | 0.30 | |
| 0.60×0.40 | | | | 0.04 |
| 0.60×0.14 | | | | 0.01 |
| 合　計 | 1.37 | 1.66 | 1.66 | 0.10 |
| 検　定 | 0.10 | 0.06 | 0.06 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.49 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/
X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 | 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 | 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 | 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| 合　計 | | 0.15 | 0.56 | 0.56 | 0.00 |
| 検　定 | | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 26.76 | 42.24 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/又
X5
又X7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.85 | 0.56 | 0.57 | 0.28 | 0.10 |
| P2 | 1.53 | 1.01 | 1.02 | 0.51 | 0.19 |
| P3 | 0.86 | 1.12 | 0.29 | 0.57 | 0.10 |
| P4 | 1.54 | 2.02 | 0.52 | 1.02 | 0.19 |
| 合　計 | | 4.71 | 2.39 | 2.38 | 0.58 |
| 検　定 | | 0.18 | 0.06 | 0.06 | 0.29 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.01 |
| 合　計 | 0.25 | 0.68 | 0.68 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

2/又
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.40 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/又
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 0.59×0.14 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.30×0.26 | 0.03 | 0.15 | 0.15 | |
| W5 1.30×0.14 | 0.02 | 0.08 | 0.08 | |
| 0.60×0.26 | | | | 0.00 |
| 0.60×0.14 | | | | 0.00 |
| 合　計 | 0.12 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.66 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.67 | 0.67 | 0.01 |
| W2 0.59×0.31 | 0.05 | 0.14 | 0.14 | 0.00 |
| W3 0.59×0.15 | 0.02 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.31 | 0.11 | 0.30 | 0.30 | |
| W5 1.30×0.15 | 0.05 | 0.14 | 0.14 | |
| 0.60×0.31 | | | | 0.00 |
| 0.60×0.15 | | | | 0.00 |
| 合　計 | 0.48 | 1.30 | 1.30 | 0.01 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 0.59×0.14 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.30×0.26 | 0.03 | 0.15 | 0.15 | |
| W5 1.30×0.14 | 0.02 | 0.08 | 0.08 | |
| 0.60×0.26 | | | | 0.00 |
| 0.60×0.14 | | | | 0.00 |
| 合　計 | 0.12 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W2 0.59×0.28 | 0.23 | 0.27 | 0.27 | 0.03 |
| W3 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| W4 1.30×0.28 | 0.50 | 0.60 | 0.60 | |
| 0.60×0.40 | | | | 0.04 |
| 0.60×0.28 | | | | 0.03 |
| 合　計 | 1.73 | 2.10 | 2.10 | 0.13 |
| 検　定 | 0.12 | 0.08 | 0.08 | 0.09 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 合　計 | 0.15 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 1.47 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W2 0.59×0.40 | 0.32 | 0.38 | 0.38 | 0.04 |
| W3 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| W4 1.30×0.40 | 0.69 | 0.84 | 0.84 | |
| 0.60×0.40 | | | | 0.04 |
| 0.60×0.40 | | | | 0.04 |
| 合　計 | 2.02 | 2.45 | 2.45 | 0.15 |
| 検　定 | 0.14 | 0.09 | 0.09 | 0.10 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.40 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.49 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/
X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.14 | 0.50 | 0.50 | 0.00 |
| W2 | 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 | 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 | 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W5 | 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| 合　計 | | 0.29 | 1.06 | 1.06 | 0.01 |
| 検　定 | | 0.04 | 0.06 | 0.06 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 26.76 | 42.24 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/又
X5
又X7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.00 | 1.31 | 0.33 | 0.66 | 0.12 |
| P2 | 1.80 | 2.35 | 0.60 | 1.20 | 0.22 |
| P3 | 0.99 | 0.66 | 0.66 | 0.33 | 0.12 |
| P4 | 1.78 | 1.18 | 1.20 | 0.59 | 0.22 |
| 合　計 | | 5.49 | 2.79 | 2.78 | 0.68 |
| 検　定 | | 0.21 | 0.07 | 0.07 | 0.34 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.01 |
| 合　計 | 0.25 | 0.68 | 0.68 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.35 | 0.35 | 0.00 |
| 合　計 | 0.07 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| W5 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| 0.60×0.35 | | | | 0.00 |
| 0.60×0.35 | | | | 0.00 |
| 合　計 | 0.18 | 0.79 | 0.79 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.66 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又X1
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.99 | 0.29 | 0.29 | 0.70 | 0.01 |
| P2 | 1.88 | 0.55 | 0.55 | 1.33 | 0.01 |
| W1 | 0.54×1.67 | 0.22 | 0.67 | 0.67 | 0.01 |
| W2 | 0.59×0.46 | 0.06 | 0.20 | 0.20 | 0.00 |
| W3 | 0.59×0.46 | 0.06 | 0.20 | 0.20 | 0.00 |
| W4 | 1.30×0.46 | 0.14 | 0.44 | 0.44 | |
| W5 | 1.30×0.46 | 0.14 | 0.44 | 0.44 | |
| | 0.60×0.46 | | | | 0.00 |
| | 0.60×0.46 | | | | 0.00 |
| 合　計 | | 1.47 | 2.78 | 3.97 | 0.03 |
| 検　定 | | 0.10 | 0.10 | 0.15 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又
X2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 | 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 | 0.59×0.35 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 | 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| W5 | 1.30×0.35 | 0.05 | 0.20 | 0.20 | |
| | 0.60×0.35 | | | | 0.00 |
| | 0.60×0.35 | | | | 0.00 |
| 合　計 | | 0.18 | 0.79 | 0.79 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

2/Y5
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.40 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/Y5
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 合　計 | 0.15 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.36 | 0.03 | 0.11 | 0.11 | 0.00 |
| W2 0.59×0.26 | 0.02 | 0.08 | 0.08 | 0.00 |
| W3 1.30×0.36 | 0.06 | 0.24 | 0.24 | |
| W4 1.30×0.26 | 0.05 | 0.18 | 0.18 | |
| 0.60×0.36 | | | | 0.00 |
| 0.60×0.26 | | | | 0.00 |
| 合　計 | 0.16 | 0.61 | 0.61 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又X4
X5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.36 | 0.03 | 0.11 | 0.11 | 0.00 |
| W2 | 0.59×0.26 | 0.02 | 0.08 | 0.08 | 0.00 |
| W3 | 1.30×0.36 | 0.06 | 0.24 | 0.24 | |
| W4 | 1.30×0.26 | 0.05 | 0.18 | 0.18 | |
| | 0.60×0.36 | | | | 0.00 |
| | 0.60×0.26 | | | | 0.00 |
| 合　計 | | 0.16 | 0.61 | 0.61 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
X5
又X7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.01 | 0.67 | 0.67 | 0.33 | 0.12 |
| P2 | 1.81 | 1.20 | 1.21 | 0.60 | 0.22 |
| P3 | 1.01 | 1.33 | 0.34 | 0.67 | 0.12 |
| P4 | 1.83 | 2.39 | 0.61 | 1.21 | 0.22 |
| W1 | 0.54×1.67 | 0.56 | 0.14 | 1.09 | 0.06 |
| 合　計 | | 6.14 | 2.98 | 3.91 | 0.75 |
| 検　定 | | 0.23 | 0.07 | 0.09 | 0.37 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| 合　計 | 0.21 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 16.00 | 1.60 | 21.00 | 34.56 | 1.87 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/
X0
X3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.12 | 0.06 | 0.03 | 0.10 | 0.01 |
| P2 | 0.27 | 0.13 | 0.06 | 0.21 | |
| | 0.12 | | | | 0.01 |
| W1 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.06 |
| W2 | 0.66×0.40 | 0.52 | 0.52 | 0.33 | 0.05 |
| W3 | 0.66×0.23 | 0.03 | 0.01 | 0.12 | 0.00 |
| W4 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W5 | 1.30×0.40 | 1.02 | 1.02 | 0.66 | |
| W6 | 1.30×0.23 | 0.06 | 0.03 | 0.24 | |
| | 0.60×0.41 | | | | 0.05 |
| | 0.60×0.40 | | | | 0.05 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 3.58 | 3.35 | 3.34 | 0.23 |
| 検　定 | | 0.17 | 0.10 | 0.10 | 0.12 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 0.49 |
| | 係数 | 1.05 | | 断面欠損無 | | | | | | | |

2/
X3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.27 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 | 0.59×0.18 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 | 1.30×0.27 | 0.05 | 0.19 | 0.19 | |
| W4 | 1.30×0.18 | 0.04 | 0.13 | 0.13 | |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.18 | | | | 0.00 |
| 合　計 | | 0.13 | 0.47 | 0.47 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.93 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.50 | 0.95 | 0.95 | 0.04 |
| W2 0.59×0.36 | 0.12 | 0.22 | 0.22 | 0.01 |
| W3 0.59×0.36 | 0.12 | 0.22 | 0.22 | 0.01 |
| W4 1.30×0.36 | 0.26 | 0.49 | 0.49 | |
| W5 1.30×0.36 | 0.26 | 0.49 | 0.49 | |
| 0.60×0.36 | | | | 0.01 |
| 0.60×0.36 | | | | 0.01 |
| 合　計 | 1.24 | 2.36 | 2.36 | 0.07 |
| 検　定 | 0.12 | 0.10 | 0.10 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.18 | 0.02 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.18 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.18 | 0.04 | 0.13 | 0.13 | |
| W4 1.30×0.18 | 0.04 | 0.13 | 0.13 | |
| 0.60×0.18 | | | | 0.00 |
| 0.60×0.18 | | | | 0.00 |
| 合　計 | 0.10 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.87 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W2 | 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W3 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W4 | 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| | 0.60×0.41 | | | | 0.05 |
| | 0.60×0.41 | | | | 0.05 |
| 合　計 | | 3.52 | 3.35 | 3.35 | 0.20 |
| 検　定 | | 0.15 | 0.10 | 0.10 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3
X5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.12 | 0.13 | 0.07 | 0.01 |
| P2 | 0.05 | 0.03 | 0.03 | 0.02 | 0.00 |
| P3 | 0.10 | 0.06 | 0.07 | 0.03 | |
| | 0.05 | | | | 0.00 |
| W1 | 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.04 |
| W2 | 0.59×0.18 | 0.03 | 0.10 | 0.02 | 0.00 |
| W3 | 0.59×0.36 | 0.20 | 0.14 | 0.30 | 0.02 |
| W4 | 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| W5 | 1.30×0.18 | 0.07 | 0.21 | 0.04 | |
| W6 | 1.30×0.36 | 0.45 | 0.32 | 0.65 | |
| | 0.60×0.39 | | | | 0.04 |
| | 0.60×0.18 | | | | 0.00 |
| | 0.60×0.36 | | | | 0.02 |
| 合　計 | | 1.91 | 2.19 | 2.32 | 0.15 |
| 検　定 | | 0.15 | 0.08 | 0.09 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 16.00 | 1.60 | 23.33 | 34.56 | 1.87 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

2/Y6
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W2 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W3 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W4 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| 0.60×0.41 | | | | 0.05 |
| 0.60×0.41 | | | | 0.05 |
| 合　計 | 3.52 | 3.35 | 3.35 | 0.20 |
| 検　定 | 0.15 | 0.10 | 0.10 | 0.11 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.49 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

2/Y6
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.14 | 0.50 | 0.50 | 0.00 |
| W2 0.59×0.37 | 0.03 | 0.12 | 0.12 | 0.00 |
| W3 0.59×0.37 | 0.03 | 0.12 | 0.12 | 0.00 |
| W4 1.30×0.37 | 0.07 | 0.26 | 0.26 | |
| W5 1.30×0.37 | 0.07 | 0.26 | 0.26 | |
| 0.60×0.37 | | | | 0.00 |
| 0.60×0.37 | | | | 0.00 |
| 合　計 | 0.35 | 1.25 | 1.25 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.93 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/Y6

X5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.50 | 0.95 | 0.95 | 0.02 |
| W2 | 0.59×0.41 | 0.13 | 0.25 | 0.25 | 0.01 |
| W3 | 0.59×0.41 | 0.13 | 0.25 | 0.25 | 0.01 |
| W4 | 1.30×0.41 | 0.29 | 0.55 | 0.55 | |
| W5 | 1.30×0.41 | 0.29 | 0.55 | 0.55 | |
| | 0.60×0.41 | | | | 0.01 |
| | 0.60×0.41 | | | | 0.01 |
| 合　計 | | 1.34 | 2.56 | 2.56 | 0.05 |
| 検　定 | | 0.10 | 0.10 | 0.10 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 26.76 | 42.24 | 2.00 |
| | 係数 | 0.96 | 断面欠損有 | | ×0.80 | ×0.80 | | | | | |

2/Y6

X5

又X7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.08 | 0.71 | 0.72 | 0.36 | 0.13 |
| P2 | 1.94 | 1.28 | 1.30 | 0.64 | 0.24 |
| P3 | 1.08 | 1.42 | 0.36 | 0.72 | 0.13 |
| P4 | 1.95 | 2.56 | 0.65 | 1.30 | 0.24 |
| 合　計 | | 5.97 | 3.04 | 3.02 | 0.73 |
| 検　定 | | 0.22 | 0.07 | 0.07 | 0.37 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 1.52 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/Y6
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 16.00 | 1.60 | 23.33 | 34.56 | 1.87 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

2/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W2 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.05 |
| W3 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| W4 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| 0.60×0.41 | | | | 0.05 |
| 0.60×0.41 | | | | 0.05 |
| 合　計 | 3.52 | 3.35 | 3.35 | 0.20 |
| 検　定 | 0.15 | 0.10 | 0.10 | 0.11 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.03 |
| W2 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.03 |
| W3 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| W4 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| 0.60×0.39 | | | | 0.03 |
| 0.60×0.39 | | | | 0.03 |
| 合　計 | 1.89 | 2.37 | 2.37 | 0.13 |
| 検　定 | 0.13 | 0.09 | 0.09 | 0.09 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.87 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.75 | 0.77 | 0.40 | 0.35 | 0.04 |
| P2 1.07 | 1.10 | 0.58 | 0.50 | 0.06 |
| P3 0.31 | 0.32 | 0.17 | 0.14 | 0.02 |
| W1 0.70×1.00 | 1.55 | 1.47 | 1.47 | 0.10 |
| W2 0.66×0.41 | 0.59 | 0.56 | 0.56 | 0.04 |
| W3 1.30×0.41 | 1.17 | 1.11 | 1.11 | |
| 0.60×0.41 | | | | 0.04 |
| W4 0.84×1.00 | 1.86 | 1.77 | 1.77 | 0.12 |
| 合　計 | 7.35 | 6.06 | 5.91 | 0.41 |
| 検　定 | 0.26 | 0.16 | 0.15 | 0.22 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.57 | 0.45 | 0.29 | 0.29 | 0.03 |
| P2 | 0.78 | 0.61 | 0.39 | 0.39 | 0.04 |
| P3 | 0.22 | 0.17 | 0.11 | 0.11 | 0.01 |
| W1 | 0.70×1.00 | 0.90 | 1.12 | 1.12 | 0.07 |
| W2 | 0.59×0.39 | 0.30 | 0.37 | 0.37 | 0.02 |
| W3 | 1.30×0.39 | 0.65 | 0.81 | 0.81 | |
| | 0.60×0.39 | | | | 0.02 |
| W4 | 0.84×1.00 | 1.08 | 1.35 | 1.35 | 0.08 |
| 合　計 | | 4.16 | 4.44 | 4.44 | 0.26 |
| 検　定 | | 0.23 | 0.14 | 0.14 | 0.19 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X5
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.71 | 0.68 | 0.47 | 0.23 | 0.09 |
| P2 | 0.96 | 0.92 | 0.64 | 0.32 | 0.12 |
| P3 | 0.27 | 0.26 | 0.18 | 0.09 | 0.03 |
| P4 | 0.71 | 0.71 | 0.24 | 0.47 | 0.09 |
| P5 | 0.96 | 0.97 | 0.32 | 0.64 | 0.12 |
| P6 | 0.28 | 0.28 | 0.09 | 0.18 | 0.03 |
| W1 | 0.70×1.00 | 3.06 | 2.07 | 2.07 | 0.37 |
| W2 | 0.64×1.00 | 2.79 | 1.88 | 1.88 | 0.34 |
| 合　計 | | 9.66 | 5.90 | 5.89 | 1.18 |
| 検　定 | | 0.36 | 0.14 | 0.14 | 0.59 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.00 | 0.45 | 0.80 | 0.80 | 0.07 |
| W2 0.64×1.00 | 0.41 | 0.72 | 0.72 | 0.06 |
| 合　計 | 0.86 | 1.52 | 1.52 | 0.13 |
| 検　定 | 0.12 | 0.08 | 0.08 | 0.09 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 26.76 | 42.24 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/又
X5
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 1.52 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/又
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.68 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

2/Y8
X0
又X1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.02 | 0.02 | 0.00 |
| W2 0.30×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 0.53×2.28 | 0.16 | 0.62 | 0.62 | 0.00 |
| W4 0.30×2.28 | 0.09 | 0.35 | 0.35 | 0.00 |
| W5 0.70×1.77 | 0.16 | 0.64 | 0.64 | 0.00 |
| 合　計 | 0.42 | 1.64 | 1.64 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
又X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.06 | 0.07 | 0.07 | 0.01 |
| W2 0.30×0.10 | 0.04 | 0.05 | 0.05 | 0.00 |
| W3 0.53×2.28 | 1.53 | 1.93 | 1.93 | 0.17 |
| W4 0.30×2.28 | 0.86 | 1.08 | 1.08 | 0.09 |
| W5 0.70×1.77 | 1.57 | 1.97 | 1.97 | 0.17 |
| 合　計 | 4.06 | 5.10 | 5.10 | 0.44 |
| 検　定 | 0.29 | 0.19 | 0.19 | 0.22 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.06 | 0.07 | 0.07 | 0.01 |
| W2 0.30×0.10 | 0.04 | 0.05 | 0.05 | 0.00 |
| W3 0.53×2.28 | 1.55 | 1.94 | 1.94 | 0.17 |
| W4 0.30×2.28 | 0.87 | 1.09 | 1.09 | 0.10 |
| W5 0.70×1.77 | 0.59 | 0.36 | 1.33 | 0.07 |
| W6 0.70×1.77 | 1.00 | 1.63 | 0.65 | 0.11 |
| 合　計 | 4.11 | 5.13 | 5.13 | 0.45 |
| 検　定 | 0.29 | 0.19 | 0.19 | 0.23 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.30×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.53×2.28 | 0.50 | 1.10 | 1.10 | 0.00 |
| W4 0.30×2.28 | 0.28 | 0.62 | 0.62 | 0.00 |
| W5 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| 合　計 | 1.33 | 2.92 | 2.92 | 0.01 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8

X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.03 | 0.05 | 0.05 | 0.00 |
| W2 0.30×0.10 | 0.02 | 0.03 | 0.03 | 0.00 |
| W3 0.53×2.28 | 0.78 | 1.38 | 1.38 | 0.01 |
| W4 0.30×2.28 | 0.44 | 0.77 | 0.77 | 0.01 |
| W5 0.70×1.77 | 0.80 | 1.41 | 1.41 | 0.01 |
| 合　計 | 2.07 | 3.64 | 3.64 | 0.03 |
| 検　定 | 0.07 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>1.07 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.30×0.10 | 0.01 | 0.02 | 0.02 | 0.00 |
| W3 0.53×2.28 | 0.39 | 0.97 | 0.97 | 0.00 |
| W4 0.30×2.28 | 0.22 | 0.54 | 0.54 | 0.00 |
| W5 0.70×1.77 | 0.40 | 0.99 | 0.99 | 0.00 |
| 合　計 | 1.02 | 2.56 | 2.56 | 0.01 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 1.61 | 0.25 | 1.39 | 0.22 | 0.00 |
| P2 2.56 | 0.40 | 2.21 | 0.36 | 0.00 |
| P3 0.36 | 0.06 | 0.31 | 0.05 | 0.00 |
| P4 1.77 | 0.28 | 1.53 | 0.25 | 0.00 |
| P5 1.61 | 0.25 | 1.39 | 0.22 | 0.00 |
| W1 0.46×0.10 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.30×0.10 | 0.01 | 0.02 | 0.02 | 0.00 |
| W3 0.53×2.28 | 0.31 | 0.96 | 0.96 | 0.00 |
| W4 0.30×2.28 | 0.17 | 0.54 | 0.54 | 0.00 |
| W5 0.70×1.77 | 0.32 | 0.98 | 0.98 | 0.00 |
| 合　計 | 2.07 | 9.37 | 3.64 | 0.01 |
| 検　定 | 0.04 | 0.17 | 0.07 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

2/Y8
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.06 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 54.19 | 53.76 | 0.61 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

2/Y8
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.30×0.10 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.53×2.28 | 0.13 | 0.55 | 0.55 | 0.00 |
| W4 0.30×2.28 | 0.07 | 0.31 | 0.31 | 0.00 |
| W5 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.27 | 1.18 | 1.18 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y8
X9
又X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.79 | 0.03 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.03 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.10 | 0.55 | 0.55 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y1
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.57 | 0.17 | 0.19 | 0.38 | 0.00 |
| P2 | 0.91 | 0.28 | 0.30 | 0.61 | 0.00 |
| P3 | 0.13 | 0.04 | 0.04 | 0.09 | 0.00 |
| P4 | 0.77 | 0.23 | 0.26 | 0.51 | 0.00 |
| W1 | 0.47×0.30 | 0.02 | 0.09 | 0.04 | 0.00 |
| W2 | 0.29×0.30 | 0.01 | 0.05 | 0.03 | 0.00 |
| W3 | 0.70×1.21 | 0.06 | 0.06 | 0.32 | 0.00 |
| W4 | 0.70×1.38 | 0.20 | 0.66 | 0.66 | 0.00 |
| 合　計 | | 1.01 | 1.65 | 2.63 | 0.01 |
| 検　定 | | 0.05 | 0.05 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.83 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
又
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 | 0.29×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| W3 | 0.70×1.17 | 0.36 | 0.77 | 0.77 | 0.04 |
| 合　計 | | 0.46 | 0.97 | 0.97 | 0.05 |
| 検　定 | | 0.06 | 0.05 | 0.05 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.21 | 0.09 | 0.38 | 0.38 | 0.00 |
| 合　計 | 0.09 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.65 | 0.22 | 0.48 | 0.16 | 0.00 |
| P2 0.92 | 0.31 | 0.69 | 0.23 | 0.01 |
| P3 0.25 | 0.08 | 0.18 | 0.06 | 0.00 |
| P4 1.59 | 0.54 | 1.20 | 0.40 | 0.01 |
| W1 0.70×1.42 | 0.23 | 0.51 | 0.85 | 0.01 |
| W2 0.70×1.21 | 0.07 | 0.34 | 0.05 | 0.00 |
| 合　計 | 1.46 | 3.40 | 1.75 | 0.03 |
| 検　定 | 0.09 | 0.11 | 0.06 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.76 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
又Y2
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 0.29×0.30 | 0.03 | 0.07 | 0.07 | 0.00 |
| W3 0.70×1.38 | 0.36 | 0.83 | 0.83 | 0.03 |
| 合　計 | 0.44 | 1.02 | 1.02 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.62 | 0.15 | 0.52 | 0.10 | 0.00 |
| P2 0.88 | 0.21 | 0.74 | 0.15 | 0.00 |
| P3 0.24 | 0.06 | 0.20 | 0.04 | 0.00 |
| P4 1.79 | 0.43 | 1.49 | 0.29 | 0.01 |
| W1 0.70×1.63 | 0.26 | 0.72 | 1.01 | 0.01 |
| W2 0.70×1.42 | 0.04 | 0.27 | 0.02 | 0.00 |
| 合　計 | 1.14 | 3.94 | 1.62 | 0.03 |
| 検　定 | 0.06 | 0.13 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.77 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y2
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 0.29×0.30 | 0.03 | 0.07 | 0.07 | 0.00 |
| W3 0.70×1.58 | 0.41 | 0.96 | 0.96 | 0.04 |
| 合　計 | 0.50 | 1.15 | 1.15 | 0.04 |
| 検　定 | 0.07 | 0.06 | 0.06 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.45 | 0.06 | 0.37 | 0.08 | 0.00 |
| P2 0.64 | 0.08 | 0.53 | 0.11 | 0.00 |
| P3 0.17 | 0.02 | 0.14 | 0.03 | 0.00 |
| P4 1.43 | 0.18 | 1.18 | 0.25 | 0.00 |
| W1 0.70×1.63 | 0.01 | 0.17 | 0.02 | 0.00 |
| W2 0.70×1.79 | 0.07 | 0.39 | 0.55 | 0.00 |
| 合　計 | 0.43 | 2.77 | 1.04 | 0.00 |
| 検　定 | 0.02 | 0.09 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.34 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/XO
又
Y3
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.70×1.73 | 0.09 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.11 | 0.55 | 0.55 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 16.00 | 1.60 | 23.33 | 34.56 | 0.32 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

2/XO
Y3
又Y3
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.70×1.82 | 0.08 | 0.45 | 0.45 | 0.00 |
| 合　計 | 0.09 | 0.53 | 0.53 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y3
又Y3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.88 | 0.08 | 0.45 | 0.45 | 0.00 |
| 合　計 | 0.08 | 0.45 | 0.45 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>0.73 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y3
Y4
勾配梁

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.88 | 0.27 | 0.25 | 0.62 | 0.00 |
| P2 1.79 | 0.58 | 0.51 | 1.27 | 0.01 |
| W1 0.47×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 0.29×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 0.70×1.96 | 0.39 | 1.12 | 1.12 | 0.01 |
| 合　計 | 1.31 | 2.06 | 3.20 | 0.02 |
| 検　定 | 0.06 | 0.06 | 0.09 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×2.02 | 0.44 | 1.12 | 1.12 | 0.00 |
| 合　計 | 0.44 | 1.12 | 1.12 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y4

勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| W3 0.70×2.03 | 0.60 | 1.30 | 1.30 | 0.06 |
| 合　計 | 0.69 | 1.51 | 1.51 | 0.07 |
| 検　定 | 0.10 | 0.08 | 0.08 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
Y4
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.10 | 0.12 | 0.39 | 0.00 |
| P2 | 1.14 | 0.23 | 0.28 | 0.86 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.70×2.05 | 0.22 | 0.86 | 0.86 | 0.00 |
| W2 | 0.59×0.23 | 0.02 | 0.08 | 0.05 | 0.00 |
| W3 | 0.59×0.08 | 0.00 | 0.00 | 0.01 | 0.00 |
| W4 | 1.30×0.23 | 0.04 | 0.17 | 0.10 | |
| W5 | 1.30×0.08 | 0.00 | 0.00 | 0.02 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.08 | | | | 0.00 |
| 合　計 | | 0.61 | 1.51 | 2.30 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.05 | 0.38 | 0.63 | 0.43 | 0.00 |
| P2 | 1.75 | 0.63 | 1.04 | 0.71 | 0.00 |
| P3 | 0.25 | 0.09 | 0.15 | 0.10 | 0.00 |
| P4 | 2.52 | 0.91 | 1.50 | 1.02 | 0.01 |
| P5 | 0.66 | 0.24 | 0.39 | 0.27 | 0.00 |
| P6 | 1.44 | 0.52 | 0.86 | 0.59 | |
| | 0.67 | | | | 0.00 |
| W1 | 0.70×2.05 | 0.16 | 0.71 | 0.18 | 0.00 |
| W2 | 0.70×1.91 | 0.23 | 0.36 | 0.85 | 0.00 |
| W3 | 0.59×0.23 | 0.02 | 0.04 | 0.09 | 0.00 |
| W4 | 0.59×0.16 | 0.01 | 0.05 | 0.01 | 0.00 |
| W5 | 1.30×0.23 | 0.05 | 0.08 | 0.19 | |
| W6 | 1.30×0.16 | 0.02 | 0.10 | 0.03 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.16 | | | | 0.00 |
| 合　計 | | 3.28 | 5.90 | 4.46 | 0.02 |
| 検　定 | | 0.13 | 0.15 | 0.12 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.82 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/X0

Y5
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| W3 0.70×1.89 | 0.56 | 1.22 | 1.22 | 0.06 |
| 合　計 | 0.65 | 1.42 | 1.42 | 0.07 |
| 検　定 | 0.09 | 0.07 | 0.07 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 28.80 | 38.40 | 0.40 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

2/X0

Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.91 | 0.14 | 0.61 | 0.61 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.61 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/X0
Y5
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 0.30×0.30 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 0.70×1.77 | 0.29 | 0.85 | 0.85 | 0.02 |
| 合　計 | 0.35 | 1.01 | 1.01 | 0.02 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 28.80 | 38.40 | 0.40 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

2/X0
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.79 | 0.13 | 0.57 | 0.57 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.77 | 0.77 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.20 | 0.27 | 0.60 | 0.60 | 0.00 |
| P2 | 2.12 | 0.48 | 1.06 | 1.06 | 0.00 |
| P3 | 0.19 | 0.04 | 0.09 | 0.09 | 0.00 |
| P4 | 1.66 | 0.38 | 0.83 | 0.83 | 0.00 |
| W1 | 0.70×1.79 | 0.06 | 0.43 | 0.14 | 0.00 |
| W2 | 0.70×1.69 | 0.06 | 0.13 | 0.40 | 0.00 |
| W3 | 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 | 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 1.35 | 3.34 | 3.32 | 0.00 |
| 検　定 | | 0.05 | 0.09 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO
又
Y6
勾配梁

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 | 0.30×0.30 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 | 0.70×1.67 | 0.28 | 0.81 | 0.81 | 0.02 |
| 合　計 | | 0.33 | 0.96 | 0.96 | 0.02 |
| 検　定 | | 0.05 | 0.05 | 0.05 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO

Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.69 | 0.12 | 0.54 | 0.54 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.73 | 0.73 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/XO

Y6

Y7

勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| W3 0.70×1.55 | 0.46 | 1.00 | 1.00 | 0.05 |
| 合　計 | 0.55 | 1.21 | 1.21 | 0.06 |
| 検　定 | 0.08 | 0.06 | 0.06 | 0.07 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y6
Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.51 | 0.56 | 0.56 | 0.01 |
| P2 | 2.22 | 1.01 | 1.11 | 1.11 | |
| | 1.03 | | | | 0.01 |
| W1 | 0.70×1.57 | 0.45 | 1.00 | 1.00 | 0.01 |
| W2 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W4 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W5 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 2.16 | 3.06 | 3.06 | 0.02 |
| 検　定 | | 0.08 | 0.08 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X0
Y7
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.00 | 0.04 | 0.00 | 0.00 |
| W2 | 0.30×0.30 | 0.00 | 0.02 | 0.00 | 0.00 |
| W3 | 0.46×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W4 | 0.30×0.10 | 0.01 | 0.02 | 0.02 | 0.00 |
| W5 | 0.70×1.93 | 0.31 | 0.92 | 0.92 | 0.00 |
| 合　計 | | 0.34 | 1.04 | 0.98 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 28.80 | 38.40 | 0.40 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

2/XO
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.30×0.10 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.70×1.82 | 0.13 | 0.58 | 0.58 | 0.00 |
| 合　計 | 0.14 | 0.61 | 0.61 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 43.35 | 53.76 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/又
Y1
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.66 | 0.23 | 0.07 | 0.60 | 0.03 |
| P2 1.24 | 0.42 | 0.12 | 1.11 | 0.05 |
| P3 0.91 | 1.01 | 0.29 | 0.62 | 0.11 |
| P4 1.70 | 1.87 | 0.55 | 1.16 | 0.20 |
| P5 0.95 | 1.77 | 0.52 | 0.44 | 0.14 |
| P6 1.78 | 3.29 | 0.96 | 0.81 | 0.25 |
| P7 0.94 | 0.84 | 0.74 | 0.20 | 0.08 |
| P8 1.76 | 1.57 | 1.38 | 0.38 | 0.15 |
| 合　計 | 10.99 | 4.63 | 5.32 | 1.02 |
| 検　定 | 0.25 | 0.09 | 0.10 | 0.51 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2

Y4

又Y4

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.19 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.59×0.26 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.19 | 0.02 | 0.09 | 0.09 | |
| W4 1.30×0.26 | 0.02 | 0.13 | 0.13 | |
| 0.60×0.19 | | | | 0.00 |
| 0.60×0.26 | | | | 0.00 |
| 合　計 | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
又Y4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.05 | 0.33 | 0.18 | 0.00 |
| P2 | 1.14 | 0.11 | 0.73 | 0.40 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.20 | 0.20 | 0.00 |
| W2 | 0.59×0.23 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 | 0.59×0.08 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 0.59×0.08 | 0.00 | 0.00 | 0.01 | 0.00 |
| W5 | 1.30×0.23 | 0.01 | 0.07 | 0.07 | |
| W6 | 1.30×0.08 | 0.00 | 0.01 | 0.00 | |
| W7 | 1.30×0.08 | 0.00 | 0.01 | 0.02 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.08 | | | | 0.00 |
| | 0.60×0.08 | | | | 0.00 |
| 合　計 | | 0.19 | 1.40 | 0.92 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>11.29 | Qa<br>26.88 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.43 | 0.52 | 0.85 | 0.58 | 0.01 |
| P2 | 2.83 | 1.02 | 1.68 | 1.15 | 0.03 |
| P3 | 0.66 | 0.24 | 0.39 | 0.27 | 0.01 |
| P4 | 1.44 | 0.52 | 0.86 | 0.59 | |
| | 0.67 | | | | 0.01 |
| P5 | 0.12 | 0.04 | 0.07 | 0.05 | 0.00 |
| P6 | 0.27 | 0.10 | 0.16 | 0.11 | |
| | 0.12 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.26 | 0.69 | 0.69 | 0.01 |
| W2 | 0.59×0.29 | 0.02 | 0.08 | 0.02 | 0.00 |
| W3 | 0.59×0.23 | 0.02 | 0.04 | 0.09 | 0.00 |
| W4 | 0.59×0.23 | 0.02 | 0.04 | 0.09 | 0.00 |
| W5 | 0.59×0.16 | 0.01 | 0.05 | 0.01 | 0.00 |
| W6 | 1.30×0.29 | 0.04 | 0.19 | 0.05 | |
| W7 | 1.30×0.23 | 0.05 | 0.08 | 0.19 | |
| W8 | 1.30×0.23 | 0.05 | 0.08 | 0.19 | |
| W9 | 1.30×0.16 | 0.02 | 0.10 | 0.03 | |
| | 0.60×0.29 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.16 | | | | 0.00 |
| 合　計 | | 2.94 | 5.35 | 4.08 | 0.07 |
| 検　定 | | 0.26 | 0.20 | 0.15 | 0.10 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X2
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X2
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.88 | 0.97 | 0.28 | 0.60 | 0.11 |
| P2 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P3 | 0.91 | 0.81 | 0.71 | 0.20 | 0.08 |
| P4 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| P5 | 0.64 | 0.22 | 0.06 | 0.58 | 0.03 |
| P6 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P7 | 0.92 | 1.70 | 0.50 | 0.42 | 0.13 |
| P8 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| 合　計 | | 10.59 | 4.46 | 5.13 | 0.98 |
| 検　定 | | 0.24 | 0.08 | 0.10 | 0.49 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.58 | 1.03 | 1.03 | 0.01 |
| 合　計 | 0.58 | 1.03 | 1.03 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y4
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.06 | 0.34 | 0.34 | 0.00 |
| W2 0.59×0.26 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.19 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.30×0.26 | 0.02 | 0.13 | 0.13 | |
| W5 1.30×0.19 | 0.02 | 0.09 | 0.09 | |
| 0.60×0.26 | | | | 0.00 |
| 0.60×0.19 | | | | 0.00 |
| 合　計 | 0.12 | 0.65 | 0.65 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.88 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.17 | 0.08 | 0.08 | 0.09 | 0.00 |
| P2 | 0.38 | 0.18 | 0.18 | 0.21 | |
| | 0.18 | | | | 0.00 |
| P3 | 0.17 | 0.01 | 0.16 | 0.01 | 0.00 |
| P4 | 0.38 | 0.03 | 0.35 | 0.03 | |
| | 0.18 | | | | 0.00 |
| P5 | 0.12 | 0.06 | 0.06 | 0.07 | 0.00 |
| P6 | 0.27 | 0.13 | 0.12 | 0.15 | |
| | 0.12 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.44 | 0.89 | 0.89 | 0.01 |
| W2 | 0.59×0.08 | 0.00 | 0.01 | 0.00 | 0.00 |
| W3 | 0.59×0.27 | 0.04 | 0.12 | 0.04 | 0.00 |
| W4 | 0.59×0.23 | 0.03 | 0.08 | 0.04 | 0.00 |
| W5 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W6 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W7 | 1.30×0.08 | 0.00 | 0.02 | 0.00 | |
| W8 | 1.30×0.27 | 0.09 | 0.27 | 0.10 | |
| W9 | 1.30×0.23 | 0.07 | 0.19 | 0.08 | |
| W10 | 1.30×0.23 | 0.07 | 0.06 | 0.21 | |
| W11 | 1.30×0.23 | 0.07 | 0.06 | 0.21 | |
| | 0.60×0.08 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 1.37 | 2.70 | 2.32 | 0.02 |
| 検　定 | | 0.06 | 0.07 | 0.06 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3

又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.79 | 0.43 | 0.48 | 0.32 | 0.01 |
| P2 | 1.52 | 0.83 | 0.91 | 0.61 | 0.02 |
| P3 | 1.12 | 0.20 | 0.22 | 0.89 | 0.01 |
| P4 | 2.22 | 0.40 | 0.44 | 1.78 | |
| | 1.03 | | | | 0.01 |
| P5 | 0.15 | 0.03 | 0.03 | 0.12 | 0.00 |
| P6 | 0.32 | 0.06 | 0.06 | 0.26 | |
| | 0.15 | | | | 0.00 |
| P7 | 0.12 | 0.07 | 0.07 | 0.05 | 0.00 |
| P8 | 0.27 | 0.15 | 0.16 | 0.11 | |
| | 0.12 | | | | 0.00 |
| P9 | 0.17 | 0.10 | 0.10 | 0.07 | 0.00 |
| P10 | 0.38 | 0.21 | 0.23 | 0.15 | |
| | 0.18 | | | | 0.00 |
| W1 | 0.59×0.23 | 0.01 | 0.01 | 0.05 | 0.00 |
| W2 | 0.59×0.23 | 0.04 | 0.05 | 0.07 | 0.00 |
| W3 | 0.59×0.23 | 0.04 | 0.05 | 0.07 | 0.00 |
| W4 | 0.59×0.12 | 0.00 | 0.00 | 0.03 | 0.00 |
| W5 | 0.59×0.23 | 0.03 | 0.10 | 0.02 | 0.00 |
| W6 | 0.59×0.23 | 0.03 | 0.10 | 0.02 | 0.00 |
| W7 | 1.30×0.23 | 0.01 | 0.01 | 0.12 | |
| W8 | 1.30×0.23 | 0.10 | 0.11 | 0.16 | |
| W9 | 1.30×0.23 | 0.10 | 0.11 | 0.16 | |
| W10 | 1.30×0.12 | 0.01 | 0.01 | 0.06 | |
| W11 | 1.30×0.23 | 0.07 | 0.22 | 0.05 | |
| W12 | 1.30×0.23 | 0.07 | 0.22 | 0.05 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.12 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 3.00 | 3.69 | 5.24 | 0.05 |
| 検　定 | | 0.13 | 0.10 | 0.14 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
又
Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.34 | 0.75 | 0.38 | 0.00 |
| P2 | 2.22 | 0.67 | 1.48 | 0.74 | |
| | 1.03 | | | | 0.00 |
| P3 | 0.13 | 0.04 | 0.09 | 0.04 | 0.00 |
| P4 | 0.64 | 0.19 | 0.43 | 0.21 | 0.00 |
| P5 | 1.41 | 0.43 | 0.94 | 0.47 | |
| | 0.65 | | | | 0.00 |
| W1 | 0.59×0.23 | 0.02 | 0.04 | 0.08 | 0.00 |
| W2 | 0.59×0.23 | 0.02 | 0.04 | 0.08 | 0.00 |
| W3 | 0.59×0.23 | 0.01 | 0.05 | 0.01 | 0.00 |
| W4 | 0.59×0.12 | 0.00 | 0.03 | 0.01 | 0.00 |
| W5 | 1.30×0.23 | 0.04 | 0.09 | 0.18 | |
| W6 | 1.30×0.23 | 0.04 | 0.09 | 0.18 | |
| W7 | 1.30×0.23 | 0.02 | 0.11 | 0.02 | |
| W8 | 1.30×0.12 | 0.01 | 0.06 | 0.01 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.12 | | | | 0.00 |
| 合　計 | | 1.84 | 4.20 | 2.42 | 0.01 |
| 検　定 | | 0.08 | 0.11 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y6
Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.51 | 0.56 | 0.56 | 0.01 |
| P2 | 2.22 | 1.01 | 1.11 | 1.11 | |
| | 1.03 | | | | 0.01 |
| P3 | 0.74 | 0.34 | 0.37 | 0.37 | 0.00 |
| P4 | 1.63 | 0.74 | 0.81 | 0.81 | |
| | 0.75 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| W2 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W4 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W5 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W6 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W7 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| W8 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W9 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 3.33 | 4.46 | 4.46 | 0.03 |
| 検　定 | | 0.14 | 0.12 | 0.12 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
Y7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.16 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.16 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X3
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.13 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.13 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損無 | I<br>19683 | Z<br>1458 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y3
Y4
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.88 | 0.32 | 0.18 | 0.70 | 0.01 |
| P2 | 1.79 | 0.67 | 0.36 | 1.43 | 0.01 |
| P3 | 0.35 | 0.13 | 0.07 | 0.28 | 0.00 |
| P4 | 0.71 | 0.26 | 0.14 | 0.56 | 0.01 |
| 合　計 | | 1.38 | 0.74 | 2.97 | 0.03 |
| 検　定 | | 0.06 | 0.02 | 0.09 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.17 | 0.08 | 0.09 | 0.09 | 0.00 |
| P2 | 0.38 | 0.17 | 0.19 | 0.19 | |
| | 0.18 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.10 | 0.46 | 0.00 |
| W2 | 0.54×1.67 | 0.16 | 0.19 | 0.22 | 0.01 |
| W3 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W4 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W5 | 0.59×0.53 | 0.05 | 0.05 | 0.19 | 0.00 |
| W6 | 0.59×0.53 | 0.08 | 0.23 | 0.09 | 0.00 |
| W7 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W8 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| W9 | 1.30×0.53 | 0.10 | 0.11 | 0.41 | |
| W10 | 1.30×0.53 | 0.18 | 0.51 | 0.21 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| 合　計 | | 1.09 | 1.86 | 2.26 | 0.03 |
| 検　定 | | 0.09 | 0.07 | 0.08 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y4

勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.53 | 0.02 | 0.11 | 0.04 | 0.00 |
| W3 0.59×0.52 | 0.02 | 0.03 | 0.10 | 0.00 |
| W4 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W5 1.30×0.53 | 0.04 | 0.23 | 0.08 | |
| W6 1.30×0.52 | 0.04 | 0.08 | 0.23 | |
| W7 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.52 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.06 | 1.06 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/

Y5
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.40 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

2/
Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 | 0.59×0.46 | 0.03 | 0.12 | 0.12 | 0.00 |
| W4 | 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 | 1.30×0.46 | 0.06 | 0.27 | 0.27 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.46 | | | | 0.00 |
| 合　計 | | 0.23 | 1.00 | 1.00 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 28.80 | 38.40 | 1.23 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

2/
Y5
Y6
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.29 | 0.21 | 0.21 | 0.01 |
| P2 | 0.84 | 0.58 | 0.42 | 0.42 | 0.01 |
| P3 | 1.08 | 0.73 | 0.54 | 0.54 | 0.02 |
| P4 | 2.12 | 1.46 | 1.06 | 1.06 | 0.03 |
| 合　計 | | 3.06 | 2.23 | 2.23 | 0.07 |
| 検　定 | | 0.11 | 0.06 | 0.06 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| W5 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.23 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 0.59×0.23 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 0.59×0.12 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 1.30×0.23 | 0.01 | 0.07 | 0.07 | |
| W5 1.30×0.12 | 0.00 | 0.03 | 0.03 | |
| 0.60×0.23 | | | | 0.00 |
| 0.60×0.12 | | | | 0.00 |
| 合　計 | 0.04 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.20 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 | 0.59×0.12 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 | 0.59×0.23 | 0.00 | 0.03 | 0.03 | 0.00 |
| W4 | 1.30×0.12 | 0.00 | 0.03 | 0.03 | |
| W5 | 1.30×0.23 | 0.01 | 0.07 | 0.07 | |
| | 0.60×0.12 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| 合　計 | | 0.04 | 0.35 | 0.35 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 43.35 | 53.76 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

2/又
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.92 | 1.70 | 0.50 | 0.42 | 0.13 |
| P2 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| P3 | 0.64 | 0.22 | 0.06 | 0.58 | 0.03 |
| P4 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P5 | 0.88 | 0.97 | 0.28 | 0.60 | 0.11 |
| P6 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P7 | 0.91 | 0.81 | 0.71 | 0.20 | 0.08 |
| P8 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| 合　計 | | 10.59 | 4.46 | 5.13 | 0.98 |
| 検　定 | | 0.24 | 0.08 | 0.10 | 0.49 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.54 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X4
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.53 | 0.02 | 0.03 | 0.11 | 0.00 |
| W2 0.59×0.53 | 0.04 | 0.16 | 0.07 | 0.00 |
| W3 0.59×0.53 | 0.04 | 0.16 | 0.07 | 0.00 |
| W4 0.59×0.53 | 0.02 | 0.03 | 0.11 | 0.00 |
| W5 1.30×0.53 | 0.04 | 0.06 | 0.25 | |
| W6 1.30×0.53 | 0.09 | 0.36 | 0.17 | |
| W7 1.30×0.53 | 0.09 | 0.36 | 0.17 | |
| W8 1.30×0.53 | 0.04 | 0.06 | 0.25 | |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 合　計 | 0.37 | 1.22 | 1.22 | 0.01 |
| 検　定 | 0.05 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X4
又
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.27 | 0.03 | 0.06 | 0.10 | 0.00 |
| W2 0.59×0.27 | 0.03 | 0.06 | 0.10 | 0.00 |
| W3 0.59×0.53 | 0.01 | 0.09 | 0.01 | 0.00 |
| W4 0.59×0.74 | 0.01 | 0.12 | 0.02 | 0.00 |
| W5 1.30×0.27 | 0.07 | 0.14 | 0.22 | |
| W6 1.30×0.27 | 0.07 | 0.14 | 0.22 | |
| W7 1.30×0.53 | 0.02 | 0.19 | 0.02 | |
| W8 1.30×0.74 | 0.03 | 0.27 | 0.03 | |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.27 | | | | 0.00 |
| 0.60×0.53 | | | | 0.00 |
| 0.60×0.74 | | | | 0.00 |
| 合　計 | 0.27 | 1.07 | 0.73 | 0.01 |
| 検　定 | 0.04 | 0.06 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.06 | 0.32 | 0.32 | 0.00 |
| 合　計 | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又Y1
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.94 | 0.43 | 0.47 | 0.47 | 0.01 |
| P2 | 1.76 | 0.80 | 0.88 | 0.88 | 0.02 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| 合　計 | | 1.60 | 2.17 | 2.17 | 0.03 |
| 検　定 | | 0.09 | 0.07 | 0.07 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.02 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.95 | 0.33 | 0.71 | 0.24 | 0.01 |
| P2 1.78 | 0.61 | 1.33 | 0.44 | 0.01 |
| W1 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.01 |
| 合　計 | 1.21 | 2.87 | 1.50 | 0.03 |
| 検　定 | 0.08 | 0.09 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.76 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
又Y2
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y2

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.91 | 0.21 | 0.76 | 0.15 | 0.00 |
| P2 | 1.70 | 0.38 | 1.42 | 0.28 | 0.01 |
| W1 | 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.01 |
| 合　計 | | 0.87 | 3.01 | 1.25 | 0.02 |
| 検　定 | | 0.05 | 0.10 | 0.04 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.77 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又Y2
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.66 | 0.09 | 0.55 | 0.12 | 0.00 |
| P2 | 1.24 | 0.16 | 1.02 | 0.22 | 0.00 |
| W1 | 0.54×1.67 | 0.06 | 0.41 | 0.41 | 0.00 |
| 合　計 | | 0.30 | 1.98 | 0.74 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y3
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y3
Y4
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.35 | 0.13 | 0.07 | 0.28 | 0.01 |
| P2 | 0.71 | 0.26 | 0.14 | 0.56 | 0.01 |
| 合　計 | | 0.39 | 0.21 | 0.84 | 0.02 |
| 検　定 | | 0.03 | 0.01 | 0.03 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.18 | 0.17 | 0.25 | 0.00 |
| P2 | 0.76 | 0.33 | 0.30 | 0.46 | 0.00 |
| P3 | 0.86 | 0.37 | 0.34 | 0.51 | 0.00 |
| P4 | 1.54 | 0.67 | 0.61 | 0.93 | 0.01 |
| W1 | 0.54×1.67 | 0.10 | 0.10 | 0.46 | 0.00 |
| W2 | 0.59×0.53 | 0.05 | 0.05 | 0.19 | 0.00 |
| W3 | 0.59×0.53 | 0.07 | 0.23 | 0.09 | 0.00 |
| W4 | 1.30×0.53 | 0.12 | 0.11 | 0.41 | |
| W5 | 1.30×0.53 | 0.15 | 0.51 | 0.21 | |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| W6 | 0.98×1.00 | 0.39 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.45 | 3.32 | 4.41 | 0.02 |
| 検　定 | | 0.08 | 0.08 | 0.10 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/X5<br>Y4<br>又<br>勾配梁 | 1.11 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/X5<br>又<br>勾配梁 | 0.73 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/X5<br>又<br>勾配梁 | 1.11 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 30.11 | 42.24 | 0.81 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

2/X5

Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.49 | 0.21 | 0.20 | 0.30 | 0.00 |
| P2 | 0.89 | 0.39 | 0.35 | 0.53 | 0.00 |
| P3 | 1.00 | 0.43 | 0.40 | 0.60 | 0.00 |
| P4 | 1.80 | 0.78 | 0.72 | 1.08 | 0.01 |
| W1 | 0.54×1.67 | 0.36 | 0.82 | 0.82 | 0.00 |
| W2 | 0.59×0.53 | 0.01 | 0.12 | 0.02 | 0.00 |
| W3 | 0.59×0.53 | 0.02 | 0.06 | 0.03 | 0.00 |
| W4 | 0.59×0.53 | 0.09 | 0.09 | 0.23 | 0.00 |
| W5 | 1.30×0.53 | 0.03 | 0.27 | 0.04 | |
| W6 | 1.30×0.53 | 0.05 | 0.14 | 0.07 | |
| W7 | 1.30×0.53 | 0.19 | 0.21 | 0.51 | |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| | 0.60×0.53 | | | | 0.00 |
| W8 | 0.98×1.00 | 0.39 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.96 | 4.28 | 5.13 | 0.03 |
| 検　定 | | 0.10 | 0.10 | 0.12 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.33 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/X5
又
Y5
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.38 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

2/X5
Y5
又Y5
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.50 | 0.02 | 0.03 | 0.47 | 0.00 |
| P2 | 0.90 | 0.03 | 0.05 | 0.85 | 0.00 |
| P3 | 1.01 | 0.03 | 0.06 | 0.95 | 0.00 |
| P4 | 1.83 | 0.06 | 0.11 | 1.71 | 0.00 |
| P5 | 0.14 | 0.00 | 0.01 | 0.13 | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 0.59×0.23 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 | 1.30×0.23 | 0.03 | 0.13 | 0.13 | |
| | 0.60×0.23 | | | | 0.00 |
| W4 | 0.98×1.00 | 0.10 | 0.45 | 0.45 | 0.00 |
| 合　計 | | 0.37 | 1.32 | 5.17 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.12 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又Y5
又
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5

Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.10 | 0.32 | 0.11 | 0.00 |
| P2 | 0.84 | 0.19 | 0.63 | 0.21 | 0.00 |
| P3 | 0.07 | 0.03 | 0.04 | 0.04 | 0.00 |
| P4 | 0.70 | 0.32 | 0.35 | 0.35 | 0.00 |
| P5 | 1.55 | 0.70 | 0.77 | 0.77 | |
| | 0.71 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| W2 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W4 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| W5 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| W6 | 0.98×1.00 | 0.41 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.30 | 4.21 | 3.58 | 0.02 |
| 検　定 | | 0.08 | 0.10 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y6
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y6
Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.74 | 0.34 | 0.37 | 0.37 | 0.00 |
| P2 | 1.63 | 0.74 | 0.81 | 0.81 | |
| | 0.75 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| W2 | 0.59×0.23 | 0.03 | 0.09 | 0.03 | 0.00 |
| W3 | 0.59×0.23 | 0.03 | 0.03 | 0.09 | 0.00 |
| W4 | 1.30×0.23 | 0.06 | 0.20 | 0.07 | |
| W5 | 1.30×0.23 | 0.06 | 0.07 | 0.20 | |
| | 0.60×0.23 | | | | 0.00 |
| | 0.60×0.23 | | | | 0.00 |
| W6 | 0.98×1.00 | 0.41 | 0.89 | 0.89 | 0.00 |
| 合　計 | | 2.03 | 3.29 | 3.29 | 0.01 |
| 検　定 | | 0.07 | 0.08 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y6
Y7
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.01 | 0.13 | 0.13 | 0.00 |
| 合　計 | 0.01 | 0.13 | 0.13 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>0.72 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X5
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.13 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.13 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.95 | 1.77 | 0.52 | 0.44 | 0.14 |
| P2 | 1.78 | 3.29 | 0.96 | 0.81 | 0.25 |
| P3 | 0.66 | 0.23 | 0.07 | 0.60 | 0.03 |
| P4 | 1.24 | 0.42 | 0.12 | 1.11 | 0.05 |
| P5 | 0.91 | 1.01 | 0.29 | 0.62 | 0.11 |
| P6 | 1.70 | 1.87 | 0.55 | 1.16 | 0.20 |
| P7 | 0.94 | 0.84 | 0.74 | 0.20 | 0.08 |
| P8 | 1.76 | 1.57 | 1.38 | 0.38 | 0.15 |
| 合　計 | | 10.99 | 4.63 | 5.32 | 1.02 |
| 検　定 | | 0.25 | 0.09 | 0.10 | 0.51 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y3
Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y3
Y4
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.73 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又Y5<br>Y6 | 1.88 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>Y6<br>Y7 | 1.82 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>Y7<br>又 | 1.36 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>又<br>Y8 | 0.91 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 2/又<br>Y3 | 0.91 | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|---|
| | | 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 判　定 | OK | OK | OK | OK |
| | | 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.88 | 0.97 | 0.28 | 0.60 | 0.11 |
| P2 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P3 | 0.91 | 0.81 | 0.71 | 0.20 | 0.08 |
| P4 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| P5 | 0.64 | 0.22 | 0.06 | 0.58 | 0.03 |
| P6 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P7 | 0.92 | 1.70 | 0.50 | 0.42 | 0.13 |
| P8 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| 合　計 | | 10.59 | 4.46 | 5.13 | 0.98 |
| 検　定 | | 0.24 | 0.08 | 0.10 | 0.49 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X6
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
Y1
Y3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.22 | 0.06 | 0.58 | 0.03 |
| P2 | 1.19 | 0.40 | 0.12 | 1.07 | 0.05 |
| P3 | 0.88 | 0.97 | 0.28 | 0.60 | 0.11 |
| P4 | 1.64 | 1.81 | 0.53 | 1.11 | 0.20 |
| P5 | 0.92 | 1.70 | 0.50 | 0.42 | 0.13 |
| P6 | 1.71 | 3.17 | 0.93 | 0.78 | 0.24 |
| P7 | 0.91 | 0.81 | 0.71 | 0.20 | 0.08 |
| P8 | 1.69 | 1.51 | 1.33 | 0.37 | 0.15 |
| 合　計 | | 10.59 | 4.46 | 5.13 | 0.98 |
| 検　定 | | 0.24 | 0.08 | 0.10 | 0.49 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
Y3
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.05 | 0.77 | 0.34 | 0.71 | 0.01 |
| P2 | 1.37 | 1.01 | 0.45 | 0.93 | 0.02 |
| P3 | 0.65 | 0.48 | 0.21 | 0.44 | 0.01 |
| P4 | 0.97 | 0.72 | 0.31 | 0.65 | 0.01 |
| P5 | 1.21 | 0.89 | 0.39 | 0.82 | 0.02 |
| P6 | 0.57 | 0.42 | 0.19 | 0.39 | 0.01 |
| 合　計 | | 4.30 | 1.89 | 3.93 | 0.08 |
| 検　定 | | 0.12 | 0.04 | 0.08 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
Y3
Y4
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
又
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X7
又Y5
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.16 | 0.85 | 0.80 | 0.37 | 0.07 |
| P2 | 2.20 | 1.61 | 1.51 | 0.69 | 0.13 |
| P3 | 0.76 | 1.06 | 0.29 | 0.47 | 0.05 |
| P4 | 1.09 | 1.51 | 0.41 | 0.67 | 0.07 |
| P5 | 0.31 | 0.43 | 0.12 | 0.19 | 0.02 |
| P6 | 0.71 | 0.98 | 0.27 | 0.44 | 0.05 |
| P7 | 0.96 | 1.32 | 0.36 | 0.59 | 0.06 |
| P8 | 0.27 | 0.38 | 0.10 | 0.17 | 0.02 |
| P9 | 2.07 | 2.87 | 0.79 | 1.28 | 0.14 |
| P10 | 1.88 | 2.61 | 0.72 | 1.17 | 0.12 |
| P11 | 0.80 | 1.10 | 0.30 | 0.49 | 0.05 |
| P12 | 0.72 | 1.01 | 0.28 | 0.45 | 0.05 |
| P13 | 1.08 | 0.79 | 0.74 | 0.34 | 0.06 |
| P14 | 1.94 | 1.42 | 1.33 | 0.61 | 0.11 |
| 合　計 | | 17.94 | 8.03 | 7.93 | 1.00 |
| 検　定 | | 0.41 | 0.15 | 0.15 | 0.50 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
Y1
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.65 | 0.58 | 0.51 | 0.14 | 0.06 |
| P2 | 1.21 | 1.08 | 0.95 | 0.26 | 0.10 |
| P3 | 0.66 | 1.21 | 0.36 | 0.30 | 0.09 |
| P4 | 1.22 | 2.26 | 0.66 | 0.56 | 0.17 |
| P5 | 0.46 | 0.15 | 0.05 | 0.41 | 0.02 |
| P6 | 0.85 | 0.29 | 0.08 | 0.77 | 0.04 |
| P7 | 0.63 | 0.69 | 0.20 | 0.43 | 0.08 |
| P8 | 1.17 | 1.29 | 0.38 | 0.79 | 0.14 |
| 合　計 | | 7.55 | 3.18 | 3.66 | 0.70 |
| 検　定 | | 0.17 | 0.06 | 0.07 | 0.35 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.01 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.01 | 0.12 | 0.12 | 0.00 |
| 合　計 | 0.01 | 0.12 | 0.12 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X8
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y1
又Y1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.10 | 0.55 | 0.55 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.29×0.30 | 0.01 | 0.04 | 0.04 | 0.00 |
| W3 0.70×2.07 | 0.15 | 0.66 | 0.66 | 0.00 |
| 合　計 | 0.17 | 0.76 | 0.76 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.83 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.29×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| W3 0.70×1.13 | 0.24 | 0.62 | 0.29 | 0.02 |
| W4 0.70×1.24 | 0.11 | 0.14 | 0.49 | 0.01 |
| 合　計 | 0.45 | 0.96 | 0.99 | 0.05 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.16 | 0.08 | 0.37 | 0.37 | 0.00 |
| 合　計 | 0.08 | 0.37 | 0.37 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.35 | 0.11 | 0.21 | 0.14 | 0.00 |
| P2 | 0.36 | 0.12 | 0.22 | 0.15 | 0.00 |
| P3 | 0.25 | 0.08 | 0.15 | 0.10 | 0.00 |
| P4 | 1.34 | 0.44 | 0.81 | 0.54 | 0.01 |
| P5 | 0.53 | 0.27 | 0.19 | 0.35 | 0.00 |
| P6 | 0.39 | 0.20 | 0.14 | 0.25 | 0.00 |
| P7 | 0.53 | 0.27 | 0.18 | 0.34 | 0.00 |
| P8 | 1.10 | 0.56 | 0.38 | 0.72 | 0.00 |
| P9 | 0.80 | 0.41 | 0.28 | 0.52 | 0.00 |
| P10 | 1.51 | 0.68 | 0.47 | 1.04 | 0.00 |
| P11 | 0.77 | 0.35 | 0.24 | 0.53 | 0.00 |
| P12 | 1.83 | 0.83 | 0.57 | 1.26 | 0.01 |
| P13 | 0.08 | 0.04 | 0.03 | 0.06 | 0.00 |
| W1 | 0.70×1.16 | 0.01 | 0.16 | 0.01 | 0.00 |
| W2 | 0.70×1.36 | 0.23 | 0.26 | 0.29 | 0.00 |
| W3 | 0.70×1.28 | 0.13 | 0.47 | 0.15 | 0.00 |
| W4 | 0.70×0.52 | 0.07 | 0.05 | 0.23 | 0.00 |
| W5 | 0.54×1.67 | 0.35 | 0.72 | 0.43 | 0.00 |
| W6 | 0.54×1.67 | 0.18 | 0.12 | 0.59 | 0.00 |
| W7 | 0.85×1.00 | 0.17 | 0.12 | 0.55 | 0.00 |
| 合　計 | | 5.50 | 5.76 | 8.24 | 0.04 |
| 検　定 | | 0.13 | 0.11 | 0.15 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.76 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又Y2
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×0.25 | 0.01 | 0.06 | 0.01 | 0.00 |
| W2 0.29×0.25 | 0.01 | 0.04 | 0.01 | 0.00 |
| W3 0.47×0.30 | 0.04 | 0.05 | 0.10 | 0.00 |
| W4 0.29×0.30 | 0.02 | 0.03 | 0.06 | 0.00 |
| W5 0.70×1.32 | 0.09 | 0.43 | 0.11 | 0.01 |
| W6 0.70×0.50 | 0.09 | 0.13 | 0.26 | 0.01 |
| 合　計 | 0.26 | 0.74 | 0.55 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.46 | 0.10 | 0.36 | 0.10 | 0.00 |
| P2 0.35 | 0.08 | 0.27 | 0.08 | 0.00 |
| P3 0.23 | 0.05 | 0.18 | 0.05 | 0.00 |
| P4 0.23 | 0.05 | 0.18 | 0.05 | 0.00 |
| P5 1.00 | 0.22 | 0.78 | 0.22 | 0.00 |
| P6 0.76 | 0.17 | 0.59 | 0.17 | 0.00 |
| W1 0.70×0.52 | 0.01 | 0.10 | 0.01 | 0.00 |
| W2 0.54×1.67 | 0.03 | 0.24 | 0.03 | 0.00 |
| W3 0.85×1.00 | 0.15 | 0.58 | 0.58 | 0.00 |
| 合　計 | 0.86 | 3.28 | 1.29 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.75 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y2
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.22 | 0.09 | 0.12 | 0.10 | 0.01 |
| P2 | 0.41 | 0.17 | 0.22 | 0.19 | 0.01 |
| W1 | 0.70×0.54 | 0.13 | 0.31 | 0.31 | 0.01 |
| W2 | 0.54×0.84 | 0.16 | 0.38 | 0.38 | 0.01 |
| 合　計 | | 0.55 | 1.03 | 0.99 | 0.04 |
| 検　定 | | 0.08 | 0.05 | 0.05 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.77 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y2
又
勾配梁

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 | 0.29×0.30 | 0.03 | 0.07 | 0.07 | 0.00 |
| W3 | 0.70×0.52 | 0.14 | 0.31 | 0.31 | 0.01 |
| W4 | 0.54×0.81 | 0.16 | 0.38 | 0.38 | 0.01 |
| 合　計 | | 0.38 | 0.88 | 0.88 | 0.03 |
| 検　定 | | 0.05 | 0.05 | 0.05 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.14 | 0.23 | 0.19 | 0.00 |
| P2 | 0.25 | 0.08 | 0.14 | 0.11 | 0.00 |
| P3 | 0.17 | 0.06 | 0.09 | 0.08 | 0.00 |
| P4 | 0.32 | 0.11 | 0.18 | 0.14 | 0.00 |
| P5 | 0.78 | 0.25 | 0.43 | 0.35 | 0.00 |
| P6 | 0.76 | 0.25 | 0.42 | 0.34 | 0.00 |
| W1 | 0.70×0.56 | 0.05 | 0.08 | 0.21 | 0.00 |
| W2 | 0.54×1.67 | 0.12 | 0.19 | 0.49 | 0.00 |
| W3 | 0.85×1.00 | 0.20 | 0.58 | 0.58 | 0.00 |
| 合　計 | | 1.25 | 2.33 | 2.50 | 0.00 |
| 検　定 | | 0.03 | 0.04 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y3
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 | 0.29×0.30 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 | 0.70×0.54 | 0.03 | 0.15 | 0.15 | 0.00 |
| 合　計 | | 0.04 | 0.23 | 0.23 | 0.00 |
| 検　定 | | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.44 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y3
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.10 | 0.22 | 0.19 | 0.00 |
| P2 | 0.75 | 0.19 | 0.40 | 0.35 | 0.00 |
| W1 | 0.70×0.57 | 0.05 | 0.20 | 0.20 | 0.00 |
| 合　計 | | 0.33 | 0.81 | 0.74 | 0.01 |
| 検　定 | | 0.05 | 0.04 | 0.04 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y3
又
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 | 0.29×0.30 | 0.01 | 0.04 | 0.04 | 0.00 |
| W3 | 0.70×0.56 | 0.05 | 0.20 | 0.20 | 0.00 |
| 合　計 | | 0.08 | 0.31 | 0.31 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.93 | 0.55 | 0.30 | 0.63 | 0.02 |
| P2 | 0.76 | 0.45 | 0.25 | 0.52 | 0.01 |
| P3 | 0.09 | 0.05 | 0.03 | 0.06 | 0.00 |
| P4 | 0.36 | 0.22 | 0.12 | 0.25 | 0.01 |
| P5 | 0.08 | 0.05 | 0.02 | 0.05 | 0.00 |
| P6 | 0.39 | 0.23 | 0.13 | 0.26 | 0.01 |
| P7 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 |
| P8 | 0.49 | 0.29 | 0.16 | 0.33 | 0.01 |
| P9 | 0.36 | 0.16 | 0.26 | 0.11 | 0.01 |
| P10 | 0.16 | 0.07 | 0.11 | 0.05 | 0.00 |
| P11 | 0.06 | 0.03 | 0.04 | 0.02 | 0.00 |
| P12 | 0.42 | 0.19 | 0.30 | 0.12 | 0.01 |
| P13 | 0.55 | 0.25 | 0.39 | 0.16 | 0.01 |
| P14 | 0.71 | 0.06 | 0.66 | 0.04 | 0.00 |
| P15 | 1.05 | 0.10 | 0.98 | 0.06 | 0.00 |
| W1 | 0.54×1.67 | 0.98 | 1.36 | 0.69 | 0.03 |
| W2 | 0.85×1.00 | 1.20 | 1.43 | 1.43 | 0.04 |
| 合　計 | | 4.89 | 6.54 | 4.79 | 0.15 |
| 検　定 | | 0.15 | 0.14 | 0.10 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y4
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×0.30 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 | 0.29×0.30 | 0.02 | 0.06 | 0.06 | 0.00 |
| W3 | 0.70×0.57 | 0.01 | 0.08 | 0.01 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.16 | 0.00 |
| 検　定 | | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.05 | 0.01 | 0.04 | 0.01 | 0.00 |
| P2 | 0.07 | 0.01 | 0.06 | 0.01 | 0.00 |
| W1 | 0.70×0.58 | 0.01 | 0.08 | 0.01 | 0.00 |
| 合　計 | | 0.03 | 0.18 | 0.03 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y4
又
勾配梁

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.02 | 0.08 | 0.08 | 0.00 |
| W2 | 0.30×0.30 | 0.01 | 0.05 | 0.05 | 0.00 |
| W3 | 0.54×0.83 | 0.07 | 0.25 | 0.25 | 0.00 |
| 合　計 | | 0.10 | 0.37 | 0.37 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y4
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.25 | 0.02 | 0.23 | 0.03 | 0.00 |
| P2 | 0.37 | 0.03 | 0.33 | 0.04 | 0.00 |
| W1 | 0.54×0.84 | 0.06 | 0.25 | 0.25 | 0.00 |
| 合　計 | | 0.11 | 0.81 | 0.31 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.51 | 0.22 | 0.24 | 0.27 | 0.00 |
| P2 | 0.13 | 0.05 | 0.06 | 0.07 | 0.00 |
| P3 | 0.69 | 0.30 | 0.33 | 0.36 | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.02 | 0.23 | 0.00 |
| W2 | 0.54×1.67 | 0.36 | 0.80 | 0.60 | 0.00 |
| W3 | 0.85×1.00 | 0.35 | 0.77 | 0.77 | 0.00 |
| 合　計 | | 1.30 | 2.23 | 2.29 | 0.01 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.30×0.30 | 0.01 | 0.04 | 0.04 | 0.00 |
| 合　計 | 0.03 | 0.11 | 0.11 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 0.30×0.30 | 0.01 | 0.04 | 0.04 | 0.00 |
| 合　計 | 0.02 | 0.10 | 0.10 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.85×1.00 | 0.26 | 0.67 | 0.67 | 0.00 |
| 合　計 | 0.26 | 0.67 | 0.67 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.71 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又Y5
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 0.30×0.30 | 0.03 | 0.07 | 0.07 | 0.00 |
| 合　計 | 0.07 | 0.18 | 0.18 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y5
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.32 | 0.30 | 0.08 | 0.24 | 0.03 |
| P2 | 0.47 | 0.44 | 0.12 | 0.35 | 0.04 |
| P3 | 0.93 | 0.68 | 0.64 | 0.29 | 0.09 |
| P4 | 1.23 | 0.90 | 0.84 | 0.39 | 0.11 |
| P5 | 0.26 | 0.19 | 0.18 | 0.08 | 0.02 |
| P6 | 0.21 | 0.15 | 0.14 | 0.06 | 0.02 |
| P7 | 0.57 | 0.80 | 0.22 | 0.36 | 0.06 |
| P8 | 0.60 | 0.84 | 0.23 | 0.37 | 0.06 |
| P9 | 0.30 | 0.42 | 0.12 | 0.19 | 0.03 |
| P10 | 0.13 | 0.18 | 0.05 | 0.08 | 0.01 |
| P11 | 0.80 | 1.10 | 0.30 | 0.49 | 0.08 |
| P12 | 0.72 | 1.01 | 0.28 | 0.45 | 0.08 |
| P13 | 0.48 | 0.55 | 0.15 | 0.33 | 0.04 |
| P14 | 0.71 | 0.80 | 0.22 | 0.49 | 0.07 |
| W1 | 0.46×0.30 | 0.05 | 0.01 | 0.03 | 0.00 |
| W2 | 0.30×0.30 | 0.03 | 0.01 | 0.02 | 0.00 |
| W3 | 0.85×1.00 | 2.26 | 2.16 | 0.97 | 0.24 |
| 合　計 | | 10.70 | 5.75 | 5.17 | 0.99 |
| 検　定 | | 0.34 | 0.12 | 0.11 | 0.50 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.83 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y5
Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.28 | 0.10 | 0.20 | 0.08 | 0.01 |
| P2 | 0.41 | 0.15 | 0.29 | 0.11 | 0.01 |
| 合　計 | | 0.25 | 0.49 | 0.19 | 0.02 |
| 検　定 | | 0.04 | 0.03 | 0.01 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.84 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y5
Y6
勾配梁

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 | 0.30×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| 合　計 | | 0.10 | 0.21 | 0.21 | 0.01 |
| 検　定 | | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y6
Y7
勾配梁

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.06 | 0.13 | 0.13 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.08 | 0.08 | 0.00 |
| 合　計 | 0.10 | 0.21 | 0.21 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
Y6
Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y1
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70 | 0.02 | 0.16 | 0.16 | 0.00 |
| W2 | 0.70 | 0.01 | 0.04 | 0.04 | 0.00 |
| 合　計 | | 0.03 | 0.21 | 0.21 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.73 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.64 | 0.17 | 0.63 | 0.63 | 0.01 |
| W2 | 0.70 | 0.08 | 0.30 | 0.30 | 0.00 |
| W3 | 0.70 | 0.02 | 0.08 | 0.08 | 0.00 |
| 合　計 | | 0.28 | 1.01 | 1.01 | 0.01 |
| 検　定 | | 0.04 | 0.05 | 0.05 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| 合　計 | 0.08 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×1.77 | 0.09 | 0.38 | 0.38 | 0.00 |
| W2 0.29×1.77 | 0.05 | 0.23 | 0.23 | 0.00 |
| W3 0.54×0.82 | 0.05 | 0.20 | 0.20 | 0.00 |
| W4 0.29×0.82 | 0.02 | 0.11 | 0.11 | 0.00 |
| W5 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| W6 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.32 | 1.40 | 1.40 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.89 | 0.06 | 0.28 | 0.28 | 0.00 |
| W2 0.54×0.84 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.11 | 0.49 | 0.49 | 0.01 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 1.21 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

2/又X12
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.43 | 0.19 | 0.21 | 0.21 | 0.00 |
| P2 0.48 | 0.22 | 0.24 | 0.24 | 0.00 |
| P3 0.27 | 0.12 | 0.14 | 0.14 | 0.00 |
| W1 0.70×2.18 | 0.63 | 1.39 | 1.39 | 0.01 |
| 合　計 | 1.17 | 1.98 | 1.98 | 0.03 |
| 検　定 | 0.06 | 0.06 | 0.06 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X14
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.10 | 1.21 | 0.35 | 0.75 | 0.13 |
| P2 | 1.62 | 1.78 | 0.52 | 1.10 | 0.19 |
| P3 | 1.17 | 1.05 | 0.92 | 0.25 | 0.10 |
| P4 | 2.19 | 1.95 | 1.71 | 0.47 | 0.19 |
| P5 | 1.11 | 2.05 | 0.60 | 0.51 | 0.16 |
| P6 | 2.06 | 3.82 | 1.12 | 0.94 | 0.29 |
| P7 | 0.64 | 0.22 | 0.06 | 0.58 | 0.03 |
| P8 | 0.94 | 0.32 | 0.09 | 0.85 | 0.04 |
| P9 | 0.35 | 0.54 | 0.16 | 0.19 | 0.05 |
| P10 | 0.51 | 0.80 | 0.23 | 0.28 | 0.07 |
| 合　計 | | 13.74 | 5.78 | 5.91 | 1.26 |
| 検　定 | | 0.32 | 0.11 | 0.11 | 0.63 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.47×1.77 | 0.11 | 0.43 | 0.43 | 0.00 |
| W2 | 0.29×1.77 | 0.07 | 0.27 | 0.27 | 0.00 |
| W3 | 0.54×0.82 | 0.06 | 0.23 | 0.23 | 0.00 |
| W4 | 0.29×0.82 | 0.03 | 0.12 | 0.12 | 0.00 |
| W5 | 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.00 |
| W6 | 0.54×1.67 | 0.12 | 0.47 | 0.47 | 0.00 |
| 合　計 | | 0.57 | 2.17 | 2.17 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>1.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.47×1.26 | 0.23 | 0.53 | 0.53 | 0.00 |
| W2 0.29×1.26 | 0.14 | 0.32 | 0.32 | 0.00 |
| W3 0.54×0.82 | 0.17 | 0.39 | 0.39 | 0.00 |
| W4 0.29×0.82 | 0.09 | 0.21 | 0.21 | 0.00 |
| W5 0.70×1.77 | 0.49 | 1.10 | 1.10 | 0.00 |
| W6 0.54×1.67 | 0.36 | 0.80 | 0.80 | 0.00 |
| 合　計 | 1.49 | 3.36 | 3.36 | 0.01 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X13
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.89 | 0.99 | 0.29 | 0.60 | 0.10 |
| P2 1.31 | 1.45 | 0.42 | 0.88 | 0.15 |
| P3 0.68 | 0.57 | 0.53 | 0.14 | 0.06 |
| P4 1.26 | 1.07 | 1.00 | 0.26 | 0.10 |
| P5 0.82 | 1.50 | 0.45 | 0.37 | 0.11 |
| P6 1.52 | 2.79 | 0.83 | 0.69 | 0.21 |
| P7 0.80 | 0.27 | 0.08 | 0.72 | 0.03 |
| P8 1.18 | 0.40 | 0.12 | 1.06 | 0.05 |
| P9 0.34 | 0.53 | 0.16 | 0.18 | 0.05 |
| P10 0.49 | 0.78 | 0.23 | 0.27 | 0.07 |
| P11 0.62 | 0.21 | 0.06 | 0.56 | 0.03 |
| P12 0.20 | 0.07 | 0.02 | 0.18 | 0.01 |
| 合　計 | 10.62 | 4.19 | 5.90 | 0.97 |
| 検　定 | 0.24 | 0.08 | 0.11 | 0.48 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X14
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.18 | 0.08 | 0.09 | 0.09 | 0.00 |
| P2 | 0.34 | 0.15 | 0.17 | 0.17 | 0.00 |
| P3 | 0.18 | 0.02 | 0.03 | 0.15 | 0.00 |
| P4 | 0.27 | 0.04 | 0.04 | 0.23 | 0.00 |
| W1 | 0.70×2.63 | 0.76 | 1.67 | 1.67 | 0.02 |
| 合　計 | | 1.06 | 2.00 | 2.32 | 0.03 |
| 検　定 | | 0.06 | 0.07 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.30 | 0.12 | 0.17 | 0.12 | 0.00 |
| P2 | 0.44 | 0.18 | 0.26 | 0.18 | 0.00 |
| W1 | 0.70×2.68 | 0.77 | 1.70 | 1.70 | 0.02 |
| 合　計 | | 1.07 | 2.13 | 2.01 | 0.02 |
| 検　定 | | 0.06 | 0.07 | 0.07 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×2.36 | 0.68 | 1.50 | 1.50 | 0.02 |
| 合　計 | 0.68 | 1.50 | 1.50 | 0.02 |
| 検　定 | 0.05 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.22 | 0.24 | 0.12 | 0.02 |
| P2 | 0.40 | 0.25 | 0.27 | 0.13 | 0.02 |
| P3 | 0.11 | 0.07 | 0.07 | 0.04 | 0.01 |
| 合　計 | | 0.53 | 0.58 | 0.29 | 0.05 |
| 検　定 | | 0.05 | 0.03 | 0.01 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.12 | 0.20 | 0.16 | 0.00 |
| P2 | 0.54 | 0.18 | 0.29 | 0.24 | 0.00 |
| W1 | 0.70×2.52 | 0.41 | 1.20 | 1.20 | 0.01 |
| 合　計 | | 0.70 | 1.70 | 1.61 | 0.01 |
| 検　定 | | 0.04 | 0.06 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y3
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.70 | 0.74 | 0.39 | 0.31 | 0.02 |
| P2 | 1.03 | 1.08 | 0.58 | 0.45 | 0.03 |
| P3 | 0.82 | 0.27 | 0.14 | 0.67 | 0.01 |
| P4 | 1.26 | 0.42 | 0.22 | 1.04 | 0.02 |
| P5 | 0.21 | 0.10 | 0.17 | 0.04 | 0.00 |
| P6 | 0.31 | 0.15 | 0.25 | 0.06 | 0.00 |
| 合　計 | | 2.76 | 1.75 | 2.57 | 0.08 |
| 検　定 | | 0.06 | 0.03 | 0.05 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又Y3
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.97 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y3
又X19
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×2.45 | 0.45 | 1.25 | 1.25 | 0.02 |
| 合　計 | 0.45 | 1.25 | 1.25 | 0.02 |
| 検　定 | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.85 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又Y３

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.01 | 0.26 | 0.29 | 0.72 | 0.01 |
| P2 | 1.49 | 0.39 | 0.42 | 1.06 | 0.01 |
| W1 | 0.70×2.45 | 0.03 | 0.03 | 0.32 | 0.00 |
| W2 | 0.70×2.45 | 0.26 | 1.06 | 0.77 | 0.01 |
| 合　計 | | 0.93 | 1.80 | 2.87 | 0.02 |
| 検　定 | | 0.09 | 0.08 | 0.12 | 0.03 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又Y４

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X21
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.60 | 0.11 | 0.09 | 0.51 | 0.00 |
| P2 | 0.44 | 0.08 | 0.07 | 0.37 | 0.00 |
| P3 | 0.38 | 0.07 | 0.06 | 0.33 | 0.00 |
| P4 | 0.68 | 0.12 | 0.10 | 0.58 | 0.00 |
| P5 | 1.00 | 0.18 | 0.15 | 0.85 | 0.01 |
| W1 | 0.70×2.18 | 0.57 | 1.39 | 1.39 | 0.02 |
| 合　計 | | 1.12 | 1.85 | 4.03 | 0.04 |
| 検　定 | | 0.09 | 0.07 | 0.15 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| 合　計 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.45 | 0.03 | 0.41 | 0.04 | 0.00 |
| P2 | 0.67 | 0.04 | 0.61 | 0.06 | 0.00 |
| W1 | 0.54×1.67 | 0.10 | 0.45 | 0.45 | 0.00 |
| 合　計 | | 0.17 | 1.47 | 0.55 | 0.00 |
| 検　定 | | 0.00 | 0.03 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X14
又Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.06 | 0.34 | 0.34 | 0.00 |
| 合　計 | | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.91 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.21 | 0.62 | 0.62 | 0.00 |
| 合　計 | 0.21 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.93 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.12 | 0.29 | 0.13 | 0.00 |
| P2 | 0.62 | 0.18 | 0.43 | 0.19 | 0.00 |
| P3 | 2.27 | 0.67 | 1.56 | 0.71 | 0.00 |
| P4 | 2.22 | 0.65 | 1.53 | 0.70 | 0.00 |
| P5 | 1.42 | 0.41 | 0.97 | 0.44 | 0.00 |
| W1 | 0.54×1.67 | 0.19 | 0.63 | 0.63 | 0.00 |
| 合　計 | | 2.23 | 5.41 | 2.80 | 0.01 |
| 検　定 | | 0.05 | 0.10 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.92 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X14
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.22 | 0.62 | 0.62 | 0.00 |
| 合　計 | | 0.22 | 0.62 | 0.62 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.73 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y4
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X12
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.06 | 0.34 | 0.34 | 0.00 |
| 合　計 | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X12
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.20 | 0.20 | 0.00 |
| 合　計 | 0.02 | 0.20 | 0.20 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X21
又Y4
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.26 | 0.05 | 0.04 | 0.22 | 0.00 |
| P2 0.38 | 0.07 | 0.06 | 0.33 | 0.00 |
| P3 0.71 | 0.12 | 0.11 | 0.60 | 0.00 |
| P4 1.04 | 0.18 | 0.15 | 0.89 | 0.01 |
| W1 0.70×2.00 | 0.53 | 1.27 | 1.27 | 0.02 |
| 合　計 | 0.95 | 1.62 | 3.31 | 0.04 |
| 検　定 | 0.07 | 0.06 | 0.12 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y4
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.01 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>11.29 | Qa<br>26.88 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y4
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.27 | 0.23 | 0.90 | 0.02 |
| P2 | 1.66 | 0.39 | 0.33 | 1.33 | 0.03 |
| P3 | 0.55 | 0.24 | 0.33 | 0.22 | 0.02 |
| P4 | 0.82 | 0.36 | 0.49 | 0.33 | 0.02 |
| W1 0.54×1.67 | | 0.58 | 1.03 | 1.03 | 0.04 |
| 合　計 | | 1.84 | 2.41 | 3.81 | 0.13 |
| 検　定 | | 0.16 | 0.09 | 0.14 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.14 | 0.32 | 0.10 | 0.00 |
| P2 | 0.62 | 0.20 | 0.47 | 0.15 | 0.00 |
| P3 | 0.42 | 0.04 | 0.08 | 0.34 | 0.00 |
| P4 | 0.62 | 0.05 | 0.12 | 0.51 | 0.00 |
| P5 | 2.01 | 0.66 | 1.53 | 0.48 | 0.00 |
| P6 | 2.20 | 0.72 | 1.68 | 0.53 | 0.00 |
| P7 | 0.95 | 0.31 | 0.72 | 0.23 | 0.00 |
| P8 | 0.74 | 0.24 | 0.56 | 0.18 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.82 | 0.82 | 0.00 |
| 合　計 | | 2.63 | 6.30 | 3.33 | 0.01 |
| 検　定 | | 0.05 | 0.12 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.92 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y４

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.16 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.16 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>8.29 | Qa<br>23.04 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X17
又Y５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| Ｐ1　0.83 | 0.69 | 0.45 | 0.38 | 0.13 |
| Ｐ2　1.22 | 1.02 | 0.66 | 0.56 | 0.20 |
| 合　計 | 1.71 | 1.10 | 0.94 | 0.33 |
| 検　定 | 0.21 | 0.05 | 0.04 | 0.16 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.80 | Z<br>3528<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>43.35 | Qa<br>53.76 | δa<br>1.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.23 | 0.26 | 0.17 | 0.00 |
| P2 | 0.62 | 0.34 | 0.38 | 0.25 | 0.00 |
| P3 | 0.42 | 0.06 | 0.06 | 0.36 | 0.00 |
| P4 | 0.62 | 0.08 | 0.09 | 0.53 | 0.00 |
| P5 | 0.42 | 0.03 | 0.40 | 0.02 | 0.00 |
| P6 | 0.62 | 0.05 | 0.59 | 0.04 | 0.00 |
| P7 | 1.02 | 0.56 | 0.62 | 0.41 | 0.00 |
| P8 | 1.55 | 0.85 | 0.94 | 0.62 | 0.01 |
| W1 | 0.54×1.67 | 0.57 | 1.04 | 1.04 | 0.01 |
| 合　計 | | 2.78 | 4.36 | 3.42 | 0.02 |
| 検　定 | | 0.06 | 0.08 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X22
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.89 | 0.03 | 0.26 | 0.26 | 0.00 |
| 合　計 | 0.03 | 0.26 | 0.26 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又
又X21
又Y４

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| Ｐ1 | 1.36 | 1.24 | 0.68 | 0.68 | 0.16 |
| Ｐ2 | 2.00 | 1.82 | 1.00 | 1.00 | 0.23 |
| 合　計 | | 3.07 | 1.68 | 1.68 | 0.39 |
| 検　定 | | 0.24 | 0.06 | 0.06 | 0.19 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>11.29 | Qa<br>26.88 | δa<br>1.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又
又X18
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.56 | 0.13 | 0.07 | 0.49 | 0.01 |
| P2 | 0.82 | 0.19 | 0.11 | 0.72 | 0.01 |
| P3 | 0.56 | 0.13 | 0.07 | 0.49 | 0.01 |
| P4 | 0.82 | 0.19 | 0.11 | 0.72 | 0.01 |
| P5 | 0.81 | 0.19 | 0.11 | 0.71 | 0.01 |
| P6 | 1.20 | 0.28 | 0.15 | 1.04 | 0.01 |
| P7 | 0.71 | 0.17 | 0.09 | 0.62 | 0.01 |
| P8 | 1.04 | 0.24 | 0.13 | 0.91 | 0.01 |
| W1 | 0.54×1.67 | 0.22 | 0.94 | 0.94 | 0.03 |
| 合　計 | | 1.76 | 1.79 | 6.63 | 0.09 |
| 検　定 | | 0.16 | 0.07 | 0.25 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X22
又
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.82 | 0.13 | 0.58 | 0.58 | 0.00 |
| 合　計 | | 0.13 | 0.58 | 0.58 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X14
又Y５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.01 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.63 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| Ｐ1　1.11 | 0.51 | 0.28 | 0.83 | 0.03 |
| Ｐ2　1.63 | 0.75 | 0.41 | 1.22 | 0.04 |
| W1 0.54×1.67 | 0.51 | 1.10 | 1.10 | 0.05 |
| 合　計 | 1.78 | 1.80 | 3.14 | 0.11 |
| 検　定 | 0.14 | 0.07 | 0.12 | 0.07 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.80 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X10
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.39 | 0.14 | 0.23 | 0.17 | 0.00 |
| P2 | 0.58 | 0.21 | 0.33 | 0.25 | 0.00 |
| W1 | 0.54×1.67 | 0.28 | 0.71 | 0.71 | 0.00 |
| 合　計 | | 0.64 | 1.27 | 1.13 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
X10
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X21
又Y5

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.04 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又Y５
又X22
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.42 | 1.29 | 0.71 | 0.71 | 0.16 |
| P2 | 2.08 | 1.90 | 1.04 | 1.04 | 0.24 |
| 合　計 | | 3.19 | 1.75 | 1.75 | 0.40 |
| 検　定 | | 0.25 | 0.07 | 0.07 | 0.20 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又Y5
又X19
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.02 | 0.18 | 0.18 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y5
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.00 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.90 | Z<br>648<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>9.33 | Qa<br>23.04 | δa<br>1.63 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y5
又X16
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.11 | 0.51 | 0.28 | 0.83 | 0.04 |
| P2 | 1.63 | 0.75 | 0.41 | 1.22 | 0.06 |
| 合　計 | | 1.27 | 0.70 | 2.04 | 0.11 |
| 検　定 | | 0.14 | 0.03 | 0.09 | 0.07 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X21
又Y5
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 | 0.36×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.02 |
| 合　計 | | 0.55 | 1.20 | 1.20 | 0.02 |
| 検　定 | | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又Y5
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又Y5
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.04 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X10
又Y5
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.33 | 0.78 | 0.78 | 0.01 |
| 合　計 | 0.33 | 0.78 | 0.78 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X10
又Y5
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.69 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 0.54×1.67 | 0.27 | 0.70 | 0.70 | 0.00 |
| 合　計 | 0.27 | 0.70 | 0.70 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y５
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X９
又
X10
又Y５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又
又X21
又Y５

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.36×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.53×0.79 | 0.17 | 0.38 | 0.38 | 0.01 |
| W4 0.36×0.79 | 0.12 | 0.26 | 0.26 | 0.00 |
| W5 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.02 |
| 合　計 | 0.84 | 1.85 | 1.85 | 0.03 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X15
又

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.56 | 0.11 | 0.42 | 0.14 | 0.00 |
| P2 | 0.82 | 0.16 | 0.61 | 0.21 | 0.00 |
| P3 | 0.56 | 0.11 | 0.42 | 0.14 | 0.00 |
| P4 | 0.82 | 0.16 | 0.61 | 0.21 | 0.00 |
| P5 | 0.69 | 0.14 | 0.51 | 0.18 | 0.00 |
| P6 | 1.01 | 0.20 | 0.75 | 0.26 | 0.00 |
| W1 | 0.54×1.67 | 0.10 | 0.47 | 0.47 | 0.00 |
| 合　計 | | 0.99 | 3.78 | 1.62 | 0.01 |
| 検　定 | | 0.06 | 0.12 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>11.29 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X18
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.12 | 1.02 | 0.56 | 0.56 | 0.14 |
| P2 | 1.65 | 1.50 | 0.82 | 0.82 | 0.21 |
| P3 | 0.38 | 0.23 | 0.13 | 0.26 | 0.04 |
| P4 | 0.56 | 0.34 | 0.18 | 0.37 | 0.06 |
| 合　計 | | 3.08 | 1.69 | 2.01 | 0.46 |
| 検　定 | | 0.27 | 0.06 | 0.07 | 0.23 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.84 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W2 | 0.36×0.10 | 0.01 | 0.02 | 0.02 | 0.00 |
| W3 | 0.53×0.79 | 0.08 | 0.26 | 0.26 | 0.00 |
| W4 | 0.36×0.79 | 0.06 | 0.18 | 0.18 | 0.00 |
| W5 | 0.70×1.77 | 0.24 | 0.78 | 0.78 | 0.00 |
| 合　計 | | 0.40 | 1.27 | 1.27 | 0.01 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X14
又Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.08 | 0.95 | 0.55 | 0.52 | 0.11 |
| P2 | 1.59 | 1.40 | 0.82 | 0.77 | 0.17 |
| 合　計 | | 2.36 | 1.37 | 1.29 | 0.28 |
| 検　定 | | 0.19 | 0.05 | 0.05 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.03 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.07 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.07 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.07 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X14
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.53 | 0.12 | 0.45 | 0.08 | 0.00 |
| P2 | 0.78 | 0.18 | 0.66 | 0.11 | 0.00 |
| P3 | 0.56 | 0.13 | 0.48 | 0.08 | 0.00 |
| P4 | 0.82 | 0.19 | 0.70 | 0.12 | 0.00 |
| 合　計 | | 0.62 | 2.30 | 0.39 | 0.01 |
| 検　定 | | 0.03 | 0.07 | 0.01 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.01 |
| 合　計 | 0.37 | 0.82 | 0.82 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y6
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.36×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.53×0.79 | 0.13 | 0.33 | 0.33 | 0.00 |
| W4 0.36×0.79 | 0.09 | 0.23 | 0.23 | 0.00 |
| W5 0.70×1.77 | 0.39 | 0.98 | 0.98 | 0.01 |
| 合　計 | 0.64 | 1.61 | 1.61 | 0.02 |
| 検　定 | 0.05 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y6
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y6
又X16
又Y6

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.36×0.10 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.53×0.79 | 0.03 | 0.17 | 0.17 | 0.00 |
| W4 0.36×0.79 | 0.02 | 0.11 | 0.11 | 0.00 |
| W5 0.70×1.77 | 0.10 | 0.50 | 0.50 | 0.00 |
| 合　計 | 0.16 | 0.81 | 0.81 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y6
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.33 | 0.78 | 0.78 | 0.01 |
| 合　計 | 0.33 | 0.78 | 0.78 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y6
又X11
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.56 | 0.03 | 0.13 | 0.43 | 0.00 |
| P2 | 0.82 | 0.05 | 0.19 | 0.63 | 0.00 |
| P3 | 0.53 | 0.03 | 0.12 | 0.41 | 0.00 |
| P4 | 0.78 | 0.05 | 0.18 | 0.60 | 0.00 |
| W1 0.54×1.67 | | 0.01 | 0.16 | 0.16 | 0.00 |
| 合　計 | | 0.18 | 0.77 | 2.23 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.07 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| 合　計 | 0.25 | 0.68 | 0.68 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.36×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.53×0.79 | 0.17 | 0.38 | 0.38 | 0.00 |
| W4 0.36×0.79 | 0.12 | 0.26 | 0.26 | 0.00 |
| W5 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.01 |
| 合　計 | 0.84 | 1.85 | 1.85 | 0.02 |
| 検　定 | 0.05 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.32 | 0.07 | 0.27 | 0.05 | 0.00 |
| P2 | 0.47 | 0.11 | 0.40 | 0.07 | 0.00 |
| P3 | 0.56 | 0.13 | 0.48 | 0.08 | 0.01 |
| P4 | 0.82 | 0.19 | 0.70 | 0.12 | 0.01 |
| 合　計 | | 0.50 | 1.85 | 0.32 | 0.02 |
| 検　定 | | 0.05 | 0.08 | 0.01 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.90 | Z<br>648<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>9.33 | Qa<br>23.04 | δa<br>1.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y7
又X11
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.75 | 0.48 | 0.48 | 0.27 | 0.06 |
| P2 | 1.10 | 0.71 | 0.71 | 0.40 | 0.09 |
| 合　計 | | 1.19 | 1.19 | 0.67 | 0.14 |
| 検　定 | | 0.13 | 0.05 | 0.03 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y7
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.36×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.53×0.79 | 0.15 | 0.36 | 0.36 | 0.00 |
| W4 0.36×0.79 | 0.11 | 0.25 | 0.25 | 0.00 |
| W5 0.70×1.77 | 0.46 | 1.07 | 1.07 | 0.01 |
| 合　計 | 0.75 | 1.74 | 1.74 | 0.02 |
| 検　定 | 0.04 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.36×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 0.53×0.79 | 0.04 | 0.19 | 0.19 | 0.00 |
| W4 0.36×0.79 | 0.03 | 0.13 | 0.13 | 0.00 |
| W5 0.70×1.77 | 0.13 | 0.57 | 0.57 | 0.00 |
| 合　計 | 0.21 | 0.92 | 0.92 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.90 | Z<br>648<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>9.33 | Qa<br>23.04 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.36×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 0.53×0.79 | 0.04 | 0.19 | 0.19 | 0.00 |
| W4 0.36×0.79 | 0.03 | 0.13 | 0.13 | 0.00 |
| W5 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| 合　計 | 0.21 | 0.92 | 0.92 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.36×0.10 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 0.53×0.79 | 0.04 | 0.19 | 0.19 | 0.00 |
| W4 0.36×0.79 | 0.03 | 0.13 | 0.13 | 0.00 |
| W5 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| 合　計 | 0.21 | 0.92 | 0.92 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
Y8
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 0.36×0.10 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.53×0.79 | 0.02 | 0.13 | 0.13 | 0.00 |
| W4 0.36×0.79 | 0.01 | 0.09 | 0.09 | 0.00 |
| W5 0.70×1.77 | 0.06 | 0.40 | 0.40 | 0.00 |
| 合　計 | 0.10 | 0.65 | 0.65 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.54 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 0.30×0.50 | 0.03 | 0.09 | 0.09 | 0.00 |
| W3 0.53×1.10 | 0.11 | 0.35 | 0.35 | 0.00 |
| W4 0.30×1.10 | 0.06 | 0.20 | 0.20 | 0.00 |
| W5 0.70×1.86 | 0.23 | 0.78 | 0.78 | 0.00 |
| 合　計 | 0.47 | 1.56 | 1.56 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
又X1
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.15 | 0.26 | 0.26 | 0.01 |
| W2 0.30×0.50 | 0.10 | 0.17 | 0.17 | 0.00 |
| W3 0.53×1.10 | 0.38 | 0.66 | 0.66 | 0.02 |
| W4 0.30×1.10 | 0.21 | 0.37 | 0.37 | 0.01 |
| W5 0.70×1.86 | 0.84 | 1.48 | 1.48 | 0.03 |
| 合　計 | 1.67 | 2.95 | 2.95 | 0.07 |
| 検　定 | 0.10 | 0.10 | 0.10 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y0
又X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.15 | 0.26 | 0.26 | 0.01 |
| W2 0.30×0.50 | 0.10 | 0.17 | 0.17 | 0.00 |
| W3 0.53×1.10 | 0.37 | 0.66 | 0.66 | 0.01 |
| W4 0.30×1.10 | 0.21 | 0.37 | 0.37 | 0.01 |
| W5 0.70×1.86 | 0.83 | 1.47 | 1.47 | 0.03 |
| 合　計 | 1.65 | 2.93 | 2.93 | 0.06 |
| 検　定 | 0.09 | 0.10 | 0.10 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.30×0.50 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.53×1.10 | 0.00 | 0.05 | 0.05 | 0.00 |
| W4 0.30×1.10 | 0.00 | 0.03 | 0.03 | 0.00 |
| W5 0.70×1.86 | 0.00 | 0.11 | 0.11 | 0.00 |
| 合　計 | 0.01 | 0.23 | 0.23 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.22 | 0.02 | 0.18 | 0.04 | 0.00 |
| P2 0.06 | 0.00 | 0.05 | 0.01 | 0.00 |
| P3 0.10 | 0.01 | 0.09 | 0.02 | 0.00 |
| P4 0.13 | 0.01 | 0.11 | 0.02 | |
| 0.06 | | | | 0.00 |
| W1 0.46×0.50 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 0.30×0.50 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 0.53×1.10 | 0.04 | 0.22 | 0.22 | 0.00 |
| W4 0.30×1.10 | 0.02 | 0.12 | 0.12 | 0.00 |
| W5 0.70×1.86 | 0.09 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.22 | 1.39 | 1.06 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>52.57 | Qa<br>62.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO

又X5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.02 | 0.09 | 0.43 | 0.00 |
| P2 | 0.89 | 0.16 | 0.60 | 0.29 | 0.00 |
| P3 | 1.32 | 0.24 | 0.89 | 0.43 | 0.00 |
| P4 | 2.21 | 0.41 | 1.49 | 0.72 | 0.00 |
| P5 | 2.74 | 0.51 | 1.85 | 0.89 | |
| | 1.22 | | | | 0.00 |
| P6 | 10.17 | 1.88 | 6.87 | 3.30 | 0.00 |
| P7 | 0.36 | 0.07 | 0.25 | 0.12 | |
| | 0.36 | | | | 0.00 |
| P8 | 0.37 | 0.07 | 0.25 | 0.12 | |
| | 0.37 | | | | 0.00 |
| P9 | 1.87 | 0.35 | 1.27 | 0.61 | |
| | 1.87 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 | 0.53×1.10 | 0.05 | 0.27 | 0.27 | 0.00 |
| W3 | 0.70×0.93 | 0.06 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 3.83 | 14.23 | 7.56 | 0.00 |
| 検　定 | | 0.07 | 0.23 | 0.12 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO

又X5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>52.57 | Qa<br>62.40 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又X5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.09 | 0.75 | 0.14 | 0.00 |
| P2 | 0.84 | 0.09 | 0.70 | 0.14 | 0.00 |
| P3 | 2.29 | 0.24 | 1.92 | 0.37 | 0.00 |
| P4 | 2.85 | 0.29 | 2.39 | 0.46 | |
| | 1.27 | | | | 0.00 |
| P5 | 7.06 | 0.73 | 5.92 | 1.15 | 0.01 |
| P6 | 0.36 | 0.04 | 0.30 | 0.06 | |
| | 0.36 | | | | 0.00 |
| P7 | 0.37 | 0.04 | 0.31 | 0.06 | |
| | 0.37 | | | | 0.00 |
| P8 | 1.87 | 0.19 | 1.57 | 0.30 | |
| | 1.87 | | | | 0.00 |
| P9 | 0.72 | 0.07 | 0.61 | 0.12 | |
| | 0.72 | | | | 0.00 |
| P10 | 0.89 | 0.36 | 0.30 | 0.59 | 0.00 |
| P11 | 2.60 | 1.04 | 0.88 | 1.72 | 0.01 |
| P12 | 3.21 | 1.28 | 1.09 | 2.13 | |
| | 1.43 | | | | 0.00 |
| P13 | 0.72 | 0.29 | 0.24 | 0.48 | |
| | 0.72 | | | | 0.00 |
| P14 | 2.12 | 0.85 | 0.72 | 1.41 | |
| | 2.12 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.09 | 0.21 | 0.21 | 0.00 |
| W2 | 0.53×1.10 | 0.22 | 0.53 | 0.53 | 0.00 |
| W3 | 0.70×1.86 | 0.49 | 1.18 | 1.18 | 0.00 |
| 合　計 | | 6.39 | 19.61 | 11.04 | 0.04 |
| 検　定 | | 0.12 | 0.31 | 0.18 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>52.57 | Qa<br>62.40 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.16 | 0.75 | 0.14 | 0.00 |
| P2 | 2.60 | 0.46 | 2.18 | 0.42 | 0.00 |
| P3 | 3.21 | 0.57 | 2.69 | 0.52 | |
| | 1.43 | | | | 0.00 |
| P4 | 5.49 | 0.97 | 4.60 | 0.89 | 0.01 |
| P5 | 3.91 | 0.69 | 3.28 | 0.63 | |
| | 3.91 | | | | 0.00 |
| P6 | 0.89 | 0.22 | 0.30 | 0.59 | 0.00 |
| P7 | 2.60 | 0.64 | 0.88 | 1.72 | 0.01 |
| P8 | 3.21 | 0.79 | 1.09 | 2.13 | |
| | 1.43 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.09 | 0.21 | 0.21 | 0.00 |
| W2 | 0.53×1.10 | 0.23 | 0.53 | 0.53 | 0.00 |
| W3 | 0.70×1.86 | 0.52 | 1.18 | 1.18 | 0.00 |
| 合　計 | | 5.34 | 17.68 | 8.97 | 0.03 |
| 検　定 | | 0.10 | 0.28 | 0.14 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又
又

P1, 2, 3, 4, 5, 6, 7, 8, 9, 10

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.78 | 0.15 | 0.61 | 0.17 | 0.00 |
| P2 | 0.89 | 0.17 | 0.70 | 0.19 | 0.00 |
| P3 | 2.60 | 0.51 | 2.04 | 0.56 | 0.00 |
| P4 | 3.21 | 0.63 | 2.52 | 0.69 | |
| | 1.43 | | | | 0.00 |
| P5 | 2.30 | 0.45 | 1.80 | 0.50 | |
| | 2.30 | | | | 0.00 |
| P6 | 1.44 | 0.08 | 0.17 | 1.27 | 0.00 |
| P7 | 0.89 | 0.05 | 0.10 | 0.79 | 0.00 |
| P8 | 2.60 | 0.14 | 0.30 | 2.29 | 0.00 |
| P9 | 3.21 | 0.17 | 0.38 | 2.83 | |
| | 1.43 | | | | 0.00 |
| P10 | 4.24 | 0.23 | 0.50 | 3.75 | |
| | 4.24 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.05 | 0.16 | 0.16 | 0.00 |
| W2 | 0.30×0.50 | 0.03 | 0.10 | 0.10 | 0.00 |
| W3 | 0.53×1.10 | 0.12 | 0.40 | 0.40 | 0.00 |
| W4 | 0.30×1.10 | 0.07 | 0.22 | 0.22 | 0.00 |
| W5 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| 合　計 | | 3.12 | 10.88 | 14.81 | 0.01 |
| 検　定 | | 0.06 | 0.20 | 0.28 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.54 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.24 | 0.34 | 0.55 | 0.00 |
| P2 | 2.60 | 0.71 | 0.98 | 1.62 | 0.00 |
| P3 | 3.21 | 0.88 | 1.21 | 2.00 | |
| | 1.43 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 | 0.30×0.50 | 0.03 | 0.09 | 0.09 | 0.00 |
| W3 | 0.53×1.10 | 0.10 | 0.35 | 0.35 | 0.00 |
| W4 | 0.30×1.10 | 0.06 | 0.20 | 0.20 | 0.00 |
| W5 | 0.70×1.86 | 0.23 | 0.78 | 0.78 | 0.00 |
| 合　計 | | 2.29 | 4.09 | 5.73 | 0.00 |
| 検　定 | | 0.05 | 0.08 | 0.11 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>60.96 | Qa<br>67.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/YO
又X7
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.11 | 0.25 | 0.56 | 0.56 | 0.00 |
| P2 | 3.20 | 0.73 | 1.60 | 1.60 | 0.00 |
| P3 | 4.01 | 0.91 | 2.01 | 2.01 | |
| | 1.78 | | | | 0.00 |
| P4 | 14.12 | 3.21 | 7.06 | 7.06 | 0.00 |
| P5 | 4.56 | 1.04 | 2.28 | 2.28 | |
| | 4.56 | | | | 0.00 |
| W1 | 0.46×0.50 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 | 0.53×1.10 | 0.06 | 0.27 | 0.27 | 0.00 |
| W3 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 6.30 | 14.17 | 14.17 | 0.01 |
| 検　定 | | 0.10 | 0.21 | 0.21 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/Y0
又X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 48.77 | 53.76 | 0.40 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/Y0
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.50 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 0.30×0.50 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 0.53×1.10 | 0.06 | 0.27 | 0.27 | 0.00 |
| W4 0.30×1.10 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/YO
又
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又YO
XO
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.37 | 0.52 | 0.10 | 0.02 |
| P2 | 0.26 | 0.16 | 0.22 | 0.04 | 0.01 |
| P3 | 0.33 | 0.20 | 0.28 | 0.05 | |
| | 0.15 | | | | 0.01 |
| P4 | 0.94 | 0.56 | 0.79 | 0.14 | |
| | 0.94 | | | | 0.04 |
| P5 | 1.20 | 1.55 | 0.80 | 0.40 | 0.09 |
| P6 | 0.50 | 0.65 | 0.34 | 0.17 | 0.04 |
| P7 | 0.65 | 0.83 | 0.43 | 0.21 | |
| | 0.29 | | | | 0.02 |
| P8 | 14.64 | 18.94 | 9.80 | 4.84 | 1.08 |
| P9 | 3.91 | 5.06 | 2.62 | 1.29 | |
| | 3.91 | | | | 0.29 |
| P10 | 1.25 | 0.52 | 0.26 | 0.99 | 0.06 |
| P11 | 0.53 | 0.22 | 0.11 | 0.42 | 0.03 |
| P12 | 0.68 | 0.28 | 0.14 | 0.54 | |
| | 0.30 | | | | 0.02 |
| P13 | 4.66 | 1.94 | 0.97 | 3.69 | |
| | 4.66 | | | | 0.23 |
| 合　計 | | 31.29 | 17.29 | 12.88 | 1.93 |
| 検　定 | | 0.67 | 0.28 | 0.21 | 0.97 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.18 | 0.18 | |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.20 | 0.86 | 0.86 | 0.00 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.16 | 0.63 | 0.63 | 0.01 |
| W2 1.40×0.24 | 0.05 | 0.17 | 0.17 | 0.00 |
| W3 1.80×0.24 | 0.06 | 0.22 | 0.22 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.27 | 1.02 | 1.02 | 0.01 |
| 検　定 | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 1.21 |
| | 係数 | 1.05 | | 断面欠損無 | | | | | | | |

1/Y1
又
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 1.12 | 1.64 | 1.64 | 0.14 |
| W2 1.40×0.32 | 0.41 | 0.60 | 0.60 | 0.05 |
| W3 1.80×0.32 | 0.52 | 0.77 | 0.77 | |
| 0.80×0.32 | | | | 0.03 |
| 合　計 | 2.05 | 3.00 | 3.00 | 0.22 |
| 検　定 | 0.20 | 0.13 | 0.13 | 0.18 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.55 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/Y1
又X3
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.23 | 0.74 | 0.74 | 0.01 |
| W2 1.40×0.26 | 0.07 | 0.22 | 0.22 | 0.00 |
| W3 1.80×0.26 | 0.09 | 0.28 | 0.28 | |
| 0.80×0.26 | | | | 0.00 |
| 合　計 | 0.38 | 1.24 | 1.24 | 0.01 |
| 検　定 | 0.05 | 0.06 | 0.06 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.80 | Z<br>450<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>5.76 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.06 | 0.11 | 0.23 | 0.00 |
| P2 | 0.15 | 0.03 | 0.05 | 0.10 | 0.00 |
| P3 | 0.19 | 0.03 | 0.06 | 0.13 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.09 | 0.02 | 0.03 | 0.06 | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.08 | 0.00 | 0.00 | 0.03 | 0.00 |
| W3 | 1.40×0.16 | 0.02 | 0.09 | 0.04 | 0.00 |
| W4 | 1.80×0.08 | 0.00 | 0.01 | 0.03 | |
| W5 | 1.80×0.16 | 0.02 | 0.11 | 0.06 | |
| | 0.80×0.08 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.30 | 1.01 | 1.23 | 0.01 |
| 検　定 | | 0.05 | 0.05 | 0.06 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>18.43 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
又X5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.61 | 1.05 | 2.30 | 2.30 | |
| | 4.61 | | | | 0.01 |
| P2 | 24.99 | 5.68 | 12.49 | 12.49 | 0.03 |
| P3 | 0.67 | 0.15 | 0.33 | 0.33 | 0.00 |
| P4 | 0.16 | 0.04 | 0.08 | 0.08 | 0.00 |
| P5 | 0.20 | 0.05 | 0.10 | 0.10 | |
| | 0.09 | | | | 0.00 |
| P6 | 0.52 | 0.12 | 0.26 | 0.26 | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 7.25 | 16.28 | 16.28 | 0.04 |
| 検　定 | | 0.39 | 0.42 | 0.42 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 20.00 | 2.00 | 12.96 | 28.80 | 0.40 |
| | 係数 | 1.05 | | 断面欠損無 | | | | | | | |

1/Y1
又X5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.78 | 0.40 | 0.89 | 0.89 | |
| | 1.78 | | | | 0.00 |
| P2 | 14.57 | 3.32 | 7.29 | 7.29 | 0.04 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.92 | 9.05 | 9.05 | 0.04 |
| 検　定 | | 0.30 | 0.31 | 0.31 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 20.00 | 2.00 | 36.00 | 48.00 | 0.40 |
| | 係数 | 1.00 | | 断面欠損無 | | | | | | | |

1/Y1
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.42 | 1.42 | 2.61 | 4.81 | |
| | 7.42 | | | | 0.00 |
| P2 | 10.41 | 2.00 | 3.66 | 6.75 | 0.01 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.61 | 7.15 | 12.43 | 0.01 |
| 検　定 | | 0.10 | 0.15 | 0.26 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.72 | 0.52 | 0.96 | 1.77 | 0.00 |
| P2 | 8.04 | 1.54 | 2.83 | 5.21 | |
| | 8.04 | | | | 0.00 |
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.26 | 4.66 | 7.85 | 0.01 |
| 検　定 | | 0.08 | 0.12 | 0.20 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又X7
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.72 | 0.12 | 0.55 | 0.55 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.20 | 0.88 | 0.88 | 0.00 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y1
又
X9

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.11 | 0.19 | 0.15 | 0.00 |
| P2 | 0.43 | 0.14 | 0.25 | 0.19 | |
| | 0.19 | | | | 0.00 |
| W1 | 0.70×1.72 | 0.28 | 0.82 | 0.82 | 0.00 |
| W2 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W3 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W4 | 1.80×0.15 | 0.02 | 0.12 | 0.03 | |
| W5 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 0.65 | 1.61 | 1.56 | 0.00 |
| 検　定 | | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>62.21 | Qa<br>72.00 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.33 | 0.47 | 0.09 | 0.01 |
| P2 | 0.41 | 0.25 | 0.35 | 0.06 | 0.01 |
| P3 | 0.53 | 0.32 | 0.45 | 0.08 | |
| | 0.24 | | | | 0.01 |
| P4 | 0.84 | 0.51 | 0.71 | 0.13 | |
| | 0.84 | | | | 0.02 |
| P5 | 1.07 | 1.39 | 0.72 | 0.35 | 0.05 |
| P6 | 0.63 | 0.82 | 0.42 | 0.21 | 0.03 |
| P7 | 0.81 | 1.05 | 0.54 | 0.27 | |
| | 0.36 | | | | 0.02 |
| P8 | 13.12 | 16.97 | 8.78 | 4.34 | 0.63 |
| P9 | 3.50 | 4.53 | 2.35 | 1.16 | |
| | 3.50 | | | | 0.17 |
| P10 | 1.12 | 0.47 | 0.23 | 0.89 | 0.04 |
| P11 | 0.65 | 0.27 | 0.14 | 0.52 | 0.02 |
| P12 | 0.84 | 0.35 | 0.17 | 0.67 | |
| | 0.37 | | | | 0.01 |
| P13 | 4.18 | 1.74 | 0.87 | 3.31 | |
| | 4.18 | | | | 0.14 |
| P14 | 0.07 | 0.07 | 0.04 | 0.04 | 0.00 |
| P15 | 0.09 | 0.09 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.47×0.22 | 0.09 | 0.27 | 0.02 | 0.00 |
| W2 | 1.47×0.21 | 0.75 | 0.68 | 0.23 | 0.03 |
| W3 | 1.47×0.24 | 0.34 | 0.27 | 0.09 | 0.01 |
| W4 | 1.47×0.21 | 0.46 | 0.23 | 0.68 | 0.03 |
| W5 | 1.47×0.26 | 0.10 | 0.05 | 0.41 | 0.01 |
| W6 | 1.47×0.32 | 1.10 | 0.55 | 0.70 | 0.06 |
| W7 | 1.80×0.22 | 0.11 | 0.33 | 0.03 | |
| W8 | 1.80×0.21 | 0.92 | 0.84 | 0.28 | |
| W9 | 1.80×0.24 | 0.42 | 0.34 | 0.11 | |
| W10 | 1.80×0.21 | 0.56 | 0.28 | 0.84 | |
| W11 | 1.80×0.26 | 0.12 | 0.06 | 0.51 | |
| W12 | 1.80×0.32 | 1.35 | 0.67 | 0.86 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.21 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.21 | | | | 0.02 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.32 | | | | 0.03 |
| 合　計 | | 35.46 | 20.86 | 16.91 | 1.40 |
| 検　定 | | 0.57 | 0.29 | 0.23 | 0.70 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>0.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.33 | 0.03 | 0.27 | 0.06 | 0.00 |
| P2 | 0.08 | 0.01 | 0.07 | 0.02 | 0.00 |
| P3 | 0.28 | 0.02 | 0.23 | 0.05 | 0.00 |
| P4 | 0.36 | 0.03 | 0.29 | 0.06 | |
| | 0.16 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.06 | 0.35 | 0.35 | 0.00 |
| W2 | 1.40×0.31 | 0.03 | 0.16 | 0.16 | 0.00 |
| W3 | 1.40×0.04 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.05 | 0.08 | 0.00 |
| W5 | 1.80×0.31 | 0.04 | 0.21 | 0.21 | |
| W6 | 1.80×0.04 | 0.00 | 0.01 | 0.00 | |
| W7 | 1.80×0.16 | 0.02 | 0.07 | 0.10 | |
| | 0.80×0.31 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.25 | 1.72 | 1.09 | 0.00 |
| 検　定 | | 0.02 | 0.06 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1

又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.01 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 | 1.40×0.08 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 | 1.80×0.15 | 0.00 | 0.04 | 0.04 | |
| W5 | 1.80×0.08 | 0.00 | 0.02 | 0.02 | |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.08 | | | | 0.00 |
| 合　計 | | 0.02 | 0.24 | 0.24 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W5 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.04 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y1
X5
又X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.34 | 0.11 | 0.19 | 0.15 | 0.00 |
| P2 | 0.43 | 0.14 | 0.25 | 0.19 | |
| | 0.19 | | | | 0.00 |
| P3 | 1.63 | 0.51 | 0.93 | 0.71 | 0.00 |
| P4 | 2.10 | 0.66 | 1.19 | 0.91 | |
| | 0.93 | | | | 0.00 |
| W1 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W2 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W3 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W4 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W5 | 1.80×0.15 | 0.02 | 0.12 | 0.03 | |
| W6 | 1.80×0.15 | 0.02 | 0.12 | 0.03 | |
| W7 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| W8 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 1.68 | 3.26 | 2.75 | 0.01 |
| 検　定 | | 0.07 | 0.09 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.07 | 0.11 | 0.04 | 0.04 | 0.01 |
| P2 | 0.09 | 0.14 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.21 | 0.66 | 0.68 | 0.23 | 0.06 |
| W2 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W3 | 1.47×0.21 | 0.68 | 0.23 | 0.68 | 0.06 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.21 | 0.81 | 0.84 | 0.28 | |
| W6 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W7 | 1.80×0.21 | 0.84 | 0.28 | 0.84 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 9.71 | 6.17 | 6.17 | 0.61 |
| 検　定 | | 0.30 | 0.13 | 0.13 | 0.31 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.41 | 0.18 | 0.18 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>18.43 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又X５

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.90 | 0.43 | 0.95 | 0.95 | |
| | 1.90 | | | | 0.00 |
| P2 | 17.35 | 3.95 | 8.68 | 8.68 | 0.02 |
| P3 | 0.21 | 0.05 | 0.10 | 0.10 | 0.00 |
| P4 | 0.07 | 0.02 | 0.04 | 0.04 | 0.00 |
| P5 | 0.09 | 0.02 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| P6 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P7 | 0.51 | 0.12 | 0.25 | 0.25 | 0.00 |
| P8 | 0.65 | 0.15 | 0.33 | 0.33 | |
| | 0.29 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| W4 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W8 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 4.99 | 11.13 | 11.13 | 0.03 |
| 検　定 | | 0.27 | 0.29 | 0.29 | 0.07 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又X５
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又

又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又X7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.15 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 1.40×0.15 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.80×0.15 | 0.01 | 0.08 | 0.08 | |
| W4 1.80×0.15 | 0.01 | 0.08 | 0.08 | |
| 0.80×0.15 | | | | 0.00 |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 0.04 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.34 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | 断面欠損有 | | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 0.37 | 0.54 | 0.19 | 0.19 | |
| 0.17 | | | | 0.02 |
| P3 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 0.37 | 0.54 | 0.19 | 0.19 | |
| 0.17 | | | | 0.02 |
| W1 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| 0.80×0.39 | | | | 0.06 |
| 0.80×0.39 | | | | 0.06 |
| 0.80×0.39 | | | | 0.06 |
| 0.80×0.39 | | | | 0.06 |
| 合　計 | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | 0.41 | 0.18 | 0.18 | 0.41 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>18.43 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又X５

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.36 | 0.54 | 1.18 | 1.18 | |
| | 2.36 | | | | 0.00 |
| P2 | 17.35 | 3.95 | 8.68 | 8.68 | 0.02 |
| P3 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P4 | 0.51 | 0.12 | 0.25 | 0.25 | 0.00 |
| P5 | 0.65 | 0.15 | 0.33 | 0.33 | |
| | 0.29 | | | | 0.00 |
| P6 | 0.21 | 0.05 | 0.10 | 0.10 | 0.00 |
| P7 | 0.07 | 0.02 | 0.04 | 0.04 | 0.00 |
| P8 | 0.09 | 0.02 | 0.05 | 0.05 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| W4 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W8 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 5.09 | 11.36 | 11.36 | 0.03 |
| 検　定 | | 0.28 | 0.30 | 0.30 | 0.07 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.41 | 0.18 | 0.18 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/Y2
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.41 | 0.18 | 0.18 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>0.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X4
X5

P1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.06 | 0.06 | 0.14 | 0.00 |
| P2 | 0.94 | 0.29 | 0.29 | 0.66 | 0.00 |
| P3 | 3.28 | 0.99 | 0.99 | 2.28 | 0.00 |
| P4 | 4.05 | 1.23 | 1.23 | 2.82 | |
| | 1.80 | | | | 0.00 |
| P5 | 4.63 | 1.40 | 1.40 | 3.22 | 0.01 |
| P6 | 0.82 | 0.25 | 0.25 | 0.57 | |
| | 0.82 | | | | 0.00 |
| P7 | 0.59 | 0.18 | 0.18 | 0.41 | |
| | 0.59 | | | | 0.00 |
| P8 | 0.43 | 0.13 | 0.13 | 0.30 | |
| | 0.43 | | | | 0.00 |
| P9 | 0.21 | 0.06 | 0.06 | 0.14 | 0.00 |
| P10 | 1.35 | 0.41 | 0.41 | 0.94 | 0.00 |
| P11 | 1.73 | 0.53 | 0.53 | 1.21 | |
| | 0.77 | | | | 0.00 |
| P12 | 0.42 | 0.13 | 0.13 | 0.29 | |
| | 0.42 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.24 | 0.71 | 0.71 | 0.00 |
| W2 | 1.40×0.27 | 0.07 | 0.25 | 0.13 | 0.00 |
| W3 | 1.40×0.27 | 0.07 | 0.25 | 0.13 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W6 | 1.80×0.27 | 0.08 | 0.32 | 0.17 | |
| W7 | 1.80×0.27 | 0.08 | 0.32 | 0.17 | |
| W8 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| W9 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 6.25 | 7.55 | 14.59 | 0.02 |
| 検　定 | | 0.13 | 0.12 | 0.23 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>0.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X5
又X5

P1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.02 | 0.04 | 0.16 | 0.00 |
| P2 | 1.27 | 0.12 | 0.26 | 1.01 | 0.00 |
| P3 | 1.63 | 0.15 | 0.33 | 1.30 | |
| | 0.72 | | | | 0.00 |
| P4 | 4.63 | 0.42 | 0.93 | 3.69 | 0.00 |
| P5 | 0.42 | 0.04 | 0.09 | 0.34 | |
| | 0.42 | | | | 0.00 |
| P6 | 0.20 | 0.02 | 0.04 | 0.16 | 0.00 |
| P7 | 0.78 | 0.07 | 0.16 | 0.62 | 0.00 |
| P8 | 3.15 | 0.29 | 0.64 | 2.52 | 0.00 |
| P9 | 3.91 | 0.36 | 0.79 | 3.12 | |
| | 1.74 | | | | 0.00 |
| P10 | 0.82 | 0.07 | 0.16 | 0.65 | |
| | 0.82 | | | | 0.00 |
| P11 | 0.59 | 0.05 | 0.12 | 0.47 | |
| | 0.59 | | | | 0.00 |
| P12 | 0.43 | 0.04 | 0.09 | 0.34 | |
| | 0.43 | | | | 0.00 |
| P13 | 0.17 | 0.02 | 0.03 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.02 | 0.27 | 0.27 | 0.00 |
| W2 | 1.40×0.06 | 0.00 | 0.00 | 0.01 | 0.00 |
| W3 | 1.40×0.12 | 0.00 | 0.04 | 0.03 | 0.00 |
| W4 | 1.40×0.12 | 0.00 | 0.04 | 0.03 | 0.00 |
| W5 | 1.40×0.06 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.06 | 0.00 | 0.00 | 0.01 | |
| W7 | 1.80×0.12 | 0.00 | 0.06 | 0.04 | |
| W8 | 1.80×0.12 | 0.00 | 0.06 | 0.04 | |
| W9 | 1.80×0.06 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.06 | | | | 0.00 |
| 合　計 | | 1.71 | 4.14 | 14.96 | 0.00 |
| 検　定 | | 0.04 | 0.07 | 0.24 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>0.84 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又X5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.09 | 0.12 | 0.09 | 0.00 |
| P2 | 3.50 | 1.57 | 2.02 | 1.47 | 0.01 |
| P3 | 4.30 | 1.94 | 2.49 | 1.82 | |
| | 1.91 | | | | 0.01 |
| P4 | 2.04 | 0.92 | 1.18 | 0.86 | 0.01 |
| P5 | 0.17 | 0.07 | 0.10 | 0.07 | |
| | 0.17 | | | | 0.00 |
| P6 | 0.48 | 0.22 | 0.28 | 0.20 | |
| | 0.48 | | | | 0.00 |
| P7 | 1.45 | 0.65 | 0.84 | 0.61 | 0.00 |
| P8 | 1.86 | 0.84 | 1.08 | 0.79 | |
| | 0.83 | | | | 0.00 |
| P9 | 1.45 | 0.11 | 0.14 | 1.31 | 0.00 |
| P10 | 1.86 | 0.15 | 0.18 | 1.69 | |
| | 0.83 | | | | 0.00 |
| P11 | 0.20 | 0.02 | 0.02 | 0.18 | 0.00 |
| P12 | 3.50 | 0.27 | 0.33 | 3.16 | 0.00 |
| P13 | 4.30 | 0.34 | 0.41 | 3.89 | |
| | 1.91 | | | | 0.00 |
| P14 | 1.26 | 0.10 | 0.12 | 1.14 | 0.00 |
| P15 | 0.89 | 0.07 | 0.09 | 0.81 | |
| | 0.89 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.41 | 0.89 | 0.89 | 0.00 |
| W2 | 1.40×0.26 | 0.06 | 0.22 | 0.06 | 0.00 |
| W3 | 1.40×0.23 | 0.08 | 0.10 | 0.19 | 0.00 |
| W4 | 1.40×0.26 | 0.06 | 0.22 | 0.06 | 0.00 |
| W5 | 1.40×0.23 | 0.08 | 0.10 | 0.19 | 0.00 |
| W6 | 1.40×0.09 | 0.00 | 0.00 | 0.02 | 0.00 |
| W7 | 1.40×0.09 | 0.00 | 0.00 | 0.02 | 0.00 |
| W8 | 1.80×0.26 | 0.08 | 0.28 | 0.08 | |
| W9 | 1.80×0.23 | 0.10 | 0.13 | 0.25 | |
| W10 | 1.80×0.26 | 0.08 | 0.28 | 0.08 | |
| W11 | 1.80×0.23 | 0.10 | 0.13 | 0.25 | |
| W12 | 1.80×0.09 | 0.00 | 0.00 | 0.03 | |
| W13 | 1.80×0.09 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| 合　計 | | 8.42 | 11.74 | 20.22 | 0.04 |
| 検　定 | | 0.18 | 0.19 | 0.32 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>0.73 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又
X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.08 | 0.11 | 0.09 | 0.00 |
| P2 | 3.50 | 1.42 | 1.94 | 1.56 | 0.01 |
| P3 | 4.30 | 1.74 | 2.39 | 1.92 | |
| | 1.91 | | | | 0.00 |
| P4 | 1.45 | 0.59 | 0.80 | 0.65 | 0.00 |
| P5 | 1.86 | 0.75 | 1.03 | 0.83 | |
| | 0.83 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.31 | 0.78 | 0.78 | 0.00 |
| W2 | 1.40×0.23 | 0.06 | 0.08 | 0.21 | 0.00 |
| W3 | 1.40×0.27 | 0.05 | 0.21 | 0.06 | 0.00 |
| W4 | 1.40×0.27 | 0.05 | 0.21 | 0.06 | 0.00 |
| W5 | 1.40×0.23 | 0.06 | 0.08 | 0.21 | 0.00 |
| W6 | 1.80×0.23 | 0.08 | 0.10 | 0.27 | |
| W7 | 1.80×0.27 | 0.07 | 0.27 | 0.08 | |
| W8 | 1.80×0.27 | 0.07 | 0.27 | 0.08 | |
| W9 | 1.80×0.23 | 0.08 | 0.10 | 0.27 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 5.41 | 8.37 | 7.04 | 0.02 |
| 検　定 | | 0.14 | 0.17 | 0.14 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>49.77 | Qa<br>57.60 | δa<br>0.55 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X6
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.33 | 0.08 | 0.09 | 0.24 | 0.00 |
| P2 | 0.20 | 0.05 | 0.05 | 0.15 | 0.00 |
| P3 | 3.50 | 0.86 | 0.94 | 2.55 | 0.00 |
| P4 | 4.30 | 1.05 | 1.16 | 3.15 | |
| | 1.91 | | | | 0.00 |
| P5 | 0.97 | 0.24 | 0.26 | 0.71 | |
| | 0.97 | | | | 0.00 |
| P6 | 1.30 | 0.32 | 0.35 | 0.95 | 0.00 |
| P7 | 1.67 | 0.41 | 0.45 | 1.22 | |
| | 0.74 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.14 | 0.59 | 0.59 | 0.00 |
| W2 | 1.40×0.17 | 0.01 | 0.01 | 0.07 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.18 | 0.11 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.18 | 0.11 | 0.00 |
| W5 | 1.40×0.17 | 0.01 | 0.01 | 0.07 | 0.00 |
| W6 | 1.80×0.17 | 0.01 | 0.01 | 0.09 | |
| W7 | 1.80×0.23 | 0.05 | 0.24 | 0.14 | |
| W8 | 1.80×0.23 | 0.05 | 0.24 | 0.14 | |
| W9 | 1.80×0.17 | 0.01 | 0.01 | 0.09 | |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 3.36 | 4.78 | 10.35 | 0.00 |
| 検　定 | | 0.07 | 0.08 | 0.18 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>15.36 | fs<br>1.60 | Ma<br>62.21 | Qa<br>57.60 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.17 | 0.17 | 0.00 |
| W2 1.40×0.18 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.40×0.36 | 0.01 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.18 | 0.01 | 0.06 | 0.06 | |
| W5 1.80×0.36 | 0.01 | 0.11 | 0.11 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.36 | | | | 0.00 |
| 合　計 | 0.04 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>62.21 | Qa<br>72.00 | δa<br>0.62 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
X7
又

P1, 2, 3, 4, 5, 6, 7, 8, 11, 12

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.20 | 0.01 | 0.17 | 0.03 | 0.00 |
| P2 | 3.50 | 0.17 | 2.95 | 0.55 | 0.00 |
| P3 | 4.30 | 0.21 | 3.63 | 0.68 | |
| | 1.91 | | | | 0.00 |
| P4 | 0.25 | 0.05 | 0.05 | 0.21 | 0.00 |
| P5 | 3.44 | 0.73 | 0.66 | 2.78 | 0.00 |
| P6 | 4.27 | 0.90 | 0.82 | 3.45 | |
| | 1.90 | | | | 0.00 |
| P7 | 3.23 | 0.68 | 0.62 | 2.60 | 0.00 |
| P8 | 1.04 | 0.22 | 0.20 | 0.84 | |
| | 1.04 | | | | 0.00 |
| P9 | 0.93 | 0.04 | 0.78 | 0.15 | 0.00 |
| P10 | 1.19 | 0.06 | 1.00 | 0.19 | |
| | 0.53 | | | | 0.00 |
| P11 | 1.42 | 0.30 | 0.27 | 1.15 | 0.00 |
| P12 | 1.83 | 0.39 | 0.35 | 1.48 | |
| | 0.81 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.16 | 0.66 | 0.66 | 0.00 |
| W2 | 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W3 | 1.40×0.14 | 0.01 | 0.00 | 0.05 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.15 | 0.14 | 0.00 |
| W5 | 1.40×0.11 | 0.00 | 0.03 | 0.00 | 0.00 |
| W6 | 1.40×0.23 | 0.04 | 0.15 | 0.14 | 0.00 |
| W7 | 1.40×0.14 | 0.01 | 0.00 | 0.05 | 0.00 |
| W8 | 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| W9 | 1.80×0.14 | 0.01 | 0.01 | 0.06 | |
| W10 | 1.80×0.23 | 0.06 | 0.19 | 0.18 | |
| W11 | 1.80×0.11 | 0.00 | 0.04 | 0.00 | |
| W12 | 1.80×0.23 | 0.06 | 0.19 | 0.18 | |
| W13 | 1.80×0.14 | 0.01 | 0.01 | 0.06 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.14 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.14 | | | | 0.00 |
| 合　計 | | 4.13 | 12.99 | 15.61 | 0.01 |
| 検　定 | | 0.07 | 0.18 | 0.22 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>55.99 | Qa<br>57.60 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又
又X8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.63 | 0.21 | 0.76 | 0.87 | 0.00 |
| P2 | 2.10 | 0.27 | 0.98 | 1.12 | |
| | 0.93 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 | 1.40×0.26 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 | 1.40×0.14 | 0.00 | 0.01 | 0.04 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.05 | 0.02 | 0.00 |
| W5 | 1.80×0.26 | 0.02 | 0.14 | 0.14 | |
| W6 | 1.80×0.14 | 0.00 | 0.02 | 0.05 | |
| W7 | 1.80×0.16 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.14 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.58 | 2.42 | 2.66 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>15.36 | fs<br>1.60 | Ma<br>62.21 | Qa<br>57.60 | δa<br>0.22 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y2
又X8
X9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.03 | 0.23 | 0.23 | 0.00 |
| W2 | 1.40×0.23 | 0.01 | 0.08 | 0.08 | 0.00 |
| W3 | 1.40×0.13 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 | 1.80×0.23 | 0.01 | 0.10 | 0.10 | |
| W5 | 1.80×0.13 | 0.01 | 0.06 | 0.06 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 0.06 | 0.51 | 0.51 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P4 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W2 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W3 | 1.47×0.39 | 1.22 | 1.26 | 0.42 | 0.11 |
| W4 | 1.47×0.39 | 1.26 | 0.42 | 1.26 | 0.12 |
| W5 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W6 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| W7 | 1.80×0.39 | 1.49 | 1.54 | 0.51 | |
| W8 | 1.80×0.39 | 1.54 | 0.51 | 1.54 | |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.94 | 8.11 | 8.11 | 0.81 |
| 検　定 | | 0.41 | 0.18 | 0.18 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.42 | 0.14 | 0.14 | 0.03 |
| P2 | 0.37 | 0.54 | 0.19 | 0.19 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.24 | 0.08 | 0.21 | 0.02 |
| P4 | 0.37 | 0.31 | 0.11 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P5 | 0.29 | 0.35 | 0.17 | 0.12 | 0.03 |
| P6 | 0.37 | 0.45 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.02 |
| W1 | 1.47×0.34 | 0.35 | 0.12 | 0.72 | 0.04 |
| W2 | 1.47×0.35 | 1.11 | 0.40 | 0.51 | 0.09 |
| W3 | 1.47×0.37 | 0.79 | 1.03 | 0.26 | 0.08 |
| W4 | 1.47×0.39 | 1.26 | 1.26 | 0.42 | 0.11 |
| W5 | 1.47×0.39 | 1.22 | 0.42 | 1.26 | 0.12 |
| W6 | 1.80×0.34 | 0.43 | 0.15 | 0.88 | |
| W7 | 1.80×0.35 | 1.36 | 0.49 | 0.62 | |
| W8 | 1.80×0.37 | 0.96 | 1.27 | 0.32 | |
| W9 | 1.80×0.39 | 1.54 | 1.54 | 0.51 | |
| W10 | 1.80×0.39 | 1.49 | 0.51 | 1.54 | |
| | 0.80×0.34 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.05 |
| | 0.80×0.37 | | | | 0.04 |
| | 0.80×0.39 | | | | 0.06 |
| | 0.80×0.39 | | | | 0.06 |
| 合　計 | | 12.82 | 8.10 | 8.10 | 0.81 |
| 検　定 | | 0.40 | 0.18 | 0.18 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>18.43 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又
又X５

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.53 | 0.58 | 1.27 | 1.27 | |
| | 2.53 | | | | 0.00 |
| P2 | 17.35 | 3.95 | 8.68 | 8.68 | 0.02 |
| P3 | 0.41 | 0.09 | 0.21 | 0.21 | 0.00 |
| P4 | 0.21 | 0.05 | 0.11 | 0.11 | 0.00 |
| P5 | 0.27 | 0.06 | 0.14 | 0.14 | |
| | 0.12 | | | | 0.00 |
| P6 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P7 | 0.51 | 0.12 | 0.25 | 0.25 | 0.00 |
| P8 | 0.65 | 0.15 | 0.33 | 0.33 | |
| | 0.29 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| W4 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W8 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 5.25 | 11.71 | 11.71 | 0.03 |
| 検　定 | | 0.28 | 0.30 | 0.30 | 0.08 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| W5 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W6 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| 合　計 | 0.37 | 1.62 | 1.62 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
XO
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/Y3
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 33.45 | 42.24 | 0.40 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/Y3
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W4 1.80×0.46 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.46 | | | | 0.00 |
| W5 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W6 1.80×0.46 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.46 | | | | 0.00 |
| 合　計 | 0.44 | 1.95 | 1.95 | 0.00 |
| 検　定 | 0.01 | 0.05 | 0.05 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>33.45 | Qa<br>52.80 | δa<br>1.06 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.33 | 1.39 | 2.53 | 0.79 | |
| | 3.33 | | | | 0.02 |
| P2 | 17.35 | 7.25 | 13.21 | 4.14 | 0.11 |
| P3 | 0.29 | 0.12 | 0.22 | 0.07 | 0.00 |
| P4 | 0.37 | 0.16 | 0.28 | 0.09 | |
| | 0.17 | | | | 0.00 |
| P5 | 0.29 | 0.12 | 0.22 | 0.07 | 0.00 |
| P6 | 0.37 | 0.16 | 0.28 | 0.09 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.53 | 1.13 | 1.13 | 0.01 |
| W2 | 0.54×1.67 | 0.11 | 0.45 | 0.06 | 0.00 |
| W3 | 0.54×1.67 | 0.40 | 0.63 | 1.02 | 0.01 |
| W4 | 1.40×0.28 | 0.05 | 0.19 | 0.03 | 0.00 |
| W5 | 1.40×0.35 | 0.21 | 0.33 | 0.54 | 0.01 |
| W6 | 1.80×0.28 | 0.06 | 0.25 | 0.03 | |
| W7 | 1.80×0.35 | 0.27 | 0.43 | 0.69 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| W8 | 1.40×0.35 | 0.21 | 0.33 | 0.54 | 0.01 |
| W9 | 1.40×0.28 | 0.05 | 0.19 | 0.03 | 0.00 |
| W10 | 1.80×0.35 | 0.27 | 0.43 | 0.69 | |
| W11 | 1.80×0.28 | 0.06 | 0.25 | 0.03 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| 合　計 | | 11.40 | 21.35 | 10.04 | 0.18 |
| 検　定 | | 0.34 | 0.40 | 0.19 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.76 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X3
X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.34 | 0.81 | 0.81 | 0.00 |
| W2 0.54×1.67 | 0.33 | 0.77 | 0.77 | 0.00 |
| W3 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.00 |
| W4 1.80×0.34 | 0.22 | 0.51 | 0.51 | |
| 0.80×0.34 | | | | 0.00 |
| W5 1.40×0.40 | 0.20 | 0.47 | 0.47 | 0.00 |
| W6 1.80×0.40 | 0.26 | 0.61 | 0.61 | |
| 0.80×0.40 | | | | 0.00 |
| 合　計 | 1.52 | 3.56 | 3.56 | 0.01 |
| 検　定 | 0.04 | 0.08 | 0.08 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X4
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 0.54×1.67 | 0.04 | 0.27 | 0.27 | 0.00 |
| W3 1.40×0.29 | 0.02 | 0.12 | 0.12 | 0.00 |
| W4 1.80×0.29 | 0.02 | 0.15 | 0.15 | |
| 0.80×0.29 | | | | 0.00 |
| W5 1.40×0.46 | 0.03 | 0.19 | 0.19 | 0.00 |
| W6 1.80×0.46 | 0.04 | 0.24 | 0.24 | |
| 0.80×0.46 | | | | 0.00 |
| 合　計 | 0.18 | 1.25 | 1.25 | 0.00 |
| 検　定 | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>44.79 | Qa<br>57.60 | δa<br>0.35 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又X4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.05 | 0.00 | 0.00 | 0.05 | 0.00 |
| P2 | 0.41 | 0.08 | 0.17 | 0.24 | 0.00 |
| P3 | 1.48 | 0.29 | 0.63 | 0.85 | 0.00 |
| P4 | 1.91 | 0.37 | 0.81 | 1.10 | |
| | 0.85 | | | | 0.00 |
| P5 | 5.78 | 1.12 | 2.45 | 3.33 | 0.00 |
| P6 | 0.84 | 0.16 | 0.36 | 0.49 | |
| | 0.84 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.07 | 0.37 | 0.37 | 0.00 |
| W2 | 0.54×1.67 | 0.07 | 0.36 | 0.36 | 0.00 |
| W3 | 1.40×0.34 | 0.00 | 0.00 | 0.05 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.01 | 0.04 | 0.00 |
| W5 | 1.40×0.23 | 0.01 | 0.10 | 0.04 | 0.00 |
| W6 | 1.80×0.34 | 0.00 | 0.00 | 0.06 | |
| W7 | 1.80×0.16 | 0.01 | 0.02 | 0.05 | |
| W8 | 1.80×0.23 | 0.02 | 0.13 | 0.05 | |
| | 0.80×0.34 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W9 | 1.40×0.55 | 0.00 | 0.01 | 0.08 | 0.00 |
| W10 | 1.40×0.12 | 0.00 | 0.01 | 0.03 | 0.00 |
| W11 | 1.40×0.46 | 0.03 | 0.21 | 0.08 | 0.00 |
| W12 | 1.40×0.23 | 0.01 | 0.02 | 0.05 | 0.00 |
| W13 | 1.80×0.55 | 0.00 | 0.01 | 0.10 | |
| W14 | 1.80×0.12 | 0.01 | 0.01 | 0.03 | |
| W15 | 1.80×0.46 | 0.04 | 0.27 | 0.11 | |
| W16 | 1.80×0.23 | 0.01 | 0.03 | 0.07 | |
| | 0.80×0.55 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.30 | 5.98 | 7.62 | 0.00 |
| 検　定 | | 0.05 | 0.10 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>33.45 | Qa<br>52.80 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X5
又

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.25 | 0.08 | 0.17 | 0.08 | 0.00 |
| P2 | 0.33 | 0.10 | 0.22 | 0.11 | |
| | 0.14 | | | | 0.00 |
| P3 | 0.41 | 0.12 | 0.27 | 0.14 | 0.00 |
| P4 | 1.41 | 0.43 | 0.94 | 0.47 | 0.00 |
| P5 | 1.81 | 0.55 | 1.21 | 0.60 | |
| | 0.81 | | | | 0.00 |
| P6 | 5.78 | 1.75 | 3.86 | 1.93 | 0.01 |
| P7 | 0.84 | 0.26 | 0.56 | 0.28 | |
| | 0.84 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.19 | 0.62 | 0.62 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W7 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W8 | 1.40×0.35 | 0.07 | 0.14 | 0.29 | 0.00 |
| W9 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W10 | 1.80×0.35 | 0.08 | 0.19 | 0.37 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 3.97 | 9.32 | 6.04 | 0.02 |
| 検　定 | | 0.12 | 0.18 | 0.11 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.17 | 0.49 | 0.54 | 1.63 | 0.00 |
| P2 | 5.31 | 1.20 | 1.32 | 3.99 | |
| | 5.31 | | | | 0.01 |
| P3 | 0.29 | 0.09 | 0.10 | 0.19 | 0.00 |
| P4 | 0.37 | 0.11 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P5 | 1.45 | 0.44 | 0.48 | 0.97 | 0.00 |
| P6 | 1.86 | 0.57 | 0.62 | 1.24 | |
| | 0.83 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.15 | 0.58 | 0.35 | 0.00 |
| W3 | 0.54×1.67 | 0.03 | 0.04 | 0.27 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.19 | 0.10 | 0.00 |
| W5 | 1.40×0.23 | 0.02 | 0.02 | 0.12 | 0.00 |
| W6 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| W7 | 1.80×0.23 | 0.03 | 0.03 | 0.16 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W8 | 1.40×0.35 | 0.07 | 0.29 | 0.14 | 0.00 |
| W9 | 1.40×0.23 | 0.02 | 0.02 | 0.12 | 0.00 |
| W10 | 1.80×0.35 | 0.08 | 0.37 | 0.19 | |
| W11 | 1.80×0.23 | 0.03 | 0.03 | 0.16 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.64 | 5.66 | 10.63 | 0.02 |
| 検　定 | | 0.14 | 0.13 | 0.25 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3

X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.45 | 0.44 | 0.97 | 0.48 | 0.00 |
| P2 | 1.86 | 0.57 | 1.24 | 0.62 | |
| | 0.83 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.19 | 0.62 | 0.62 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.12 | 0.02 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W5 | 1.80×0.23 | 0.03 | 0.16 | 0.03 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W7 | 1.40×0.38 | 0.11 | 0.36 | 0.36 | 0.00 |
| W8 | 1.80×0.38 | 0.14 | 0.47 | 0.47 | |
| | 0.80×0.38 | | | | 0.00 |
| 合　計 | | 1.79 | 4.80 | 3.69 | 0.01 |
| 検　定 | | 0.06 | 0.11 | 0.09 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>37.64 | Qa<br>52.80 | δa<br>0.71 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X6
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.76 | 0.64 | 7.20 | 0.56 | |
| | 7.76 | | | | 0.00 |
| P2 | 27.76 | 2.28 | 25.77 | 2.00 | 0.02 |
| P3 | 1.30 | 0.26 | 0.56 | 0.74 | 0.00 |
| P4 | 1.67 | 0.33 | 0.72 | 0.95 | |
| | 0.74 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.25 | 0.76 | 0.76 | 0.00 |
| W2 | 0.54×1.67 | 0.00 | 0.10 | 0.00 | 0.00 |
| W3 | 0.54×1.67 | 0.23 | 0.62 | 0.72 | 0.00 |
| W4 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W5 | 1.40×0.18 | 0.02 | 0.04 | 0.13 | 0.00 |
| W6 | 1.80×0.23 | 0.08 | 0.27 | 0.11 | |
| W7 | 1.80×0.18 | 0.02 | 0.05 | 0.17 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| W8 | 1.40×0.33 | 0.12 | 0.36 | 0.36 | 0.00 |
| W9 | 1.80×0.33 | 0.15 | 0.47 | 0.47 | |
| | 0.80×0.33 | | | | 0.00 |
| 合　計 | | 4.44 | 37.11 | 7.04 | 0.03 |
| 検　定 | | 0.12 | 0.70 | 0.13 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
X7
又X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.93 | 0.02 | 0.11 | 0.82 | 0.00 |
| P2 | 1.19 | 0.03 | 0.14 | 1.05 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.01 | 0.12 | 0.12 | 0.00 |
| W2 | 0.54×1.67 | 0.01 | 0.11 | 0.11 | 0.00 |
| W3 | 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 | 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| | 0.80×0.06 | | | | 0.00 |
| W5 | 1.40×0.13 | 0.00 | 0.02 | 0.02 | 0.00 |
| W6 | 1.80×0.13 | 0.00 | 0.03 | 0.03 | |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 0.06 | 0.56 | 2.16 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>1.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y3
又X7
X9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.90 | 0.97 | 2.18 | 0.72 | 0.02 |
| P2 | 7.21 | 2.40 | 5.41 | 1.80 | |
| | 7.21 | | | | 0.04 |
| P3 | 1.13 | 0.23 | 0.25 | 0.88 | 0.01 |
| P4 | 1.45 | 0.29 | 0.32 | 1.13 | |
| | 0.65 | | | | 0.00 |
| P5 | 0.51 | 0.16 | 0.17 | 0.33 | 0.00 |
| P6 | 2.44 | 0.76 | 0.84 | 1.59 | 0.02 |
| P7 | 3.13 | 0.98 | 1.08 | 2.05 | |
| | 1.39 | | | | 0.01 |
| P8 | 1.42 | 0.74 | 0.87 | 0.56 | 0.01 |
| P9 | 1.83 | 0.96 | 1.11 | 0.72 | |
| | 0.81 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.57 | 1.06 | 1.06 | 0.01 |
| W2 | 0.54×1.67 | 0.08 | 0.44 | 0.06 | 0.00 |
| W3 | 0.54×1.67 | 0.46 | 0.57 | 0.95 | 0.01 |
| W4 | 1.40×0.22 | 0.10 | 0.11 | 0.16 | 0.00 |
| W5 | 1.40×0.24 | 0.08 | 0.23 | 0.06 | 0.00 |
| W6 | 1.40×0.13 | 0.01 | 0.01 | 0.08 | 0.00 |
| W7 | 1.80×0.22 | 0.13 | 0.14 | 0.20 | |
| W8 | 1.80×0.24 | 0.10 | 0.30 | 0.07 | |
| W9 | 1.80×0.13 | 0.01 | 0.01 | 0.10 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| W10 | 1.40×0.37 | 0.25 | 0.51 | 0.25 | 0.00 |
| W11 | 1.40×0.20 | 0.03 | 0.04 | 0.17 | 0.00 |
| W12 | 1.80×0.37 | 0.32 | 0.66 | 0.32 | |
| W13 | 1.80×0.20 | 0.04 | 0.05 | 0.22 | |
| | 0.80×0.37 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 9.69 | 16.36 | 13.48 | 0.14 |
| 検　定 | | 0.36 | 0.39 | 0.32 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 23.04 | 38.40 | 1.87 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.29 | 0.13 | 0.16 | 0.02 |
| P2 | 0.37 | 0.37 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.29 | 0.29 | 0.13 | 0.16 | 0.02 |
| P4 | 0.37 | 0.37 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.71 | 0.93 | 0.37 | 0.06 |
| W2 | 1.47×0.37 | 0.71 | 0.93 | 0.37 | 0.06 |
| W3 | 1.47×0.35 | 0.45 | 0.20 | 0.72 | 0.04 |
| W4 | 1.47×0.35 | 0.45 | 0.20 | 0.72 | 0.04 |
| W5 | 1.80×0.37 | 0.87 | 1.14 | 0.45 | |
| W6 | 1.80×0.37 | 0.87 | 1.14 | 0.45 | |
| W7 | 1.80×0.35 | 0.55 | 0.24 | 0.88 | |
| W8 | 1.80×0.35 | 0.55 | 0.24 | 0.88 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 6.45 | 5.57 | 5.57 | 0.35 |
| 検　定 | | 0.28 | 0.15 | 0.15 | 0.19 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 1.42 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.05 |
| W2 | 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.05 |
| W3 | 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| W4 | 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| | 0.80×0.39 | | | | 0.03 |
| | 0.80×0.39 | | | | 0.03 |
| 合　計 | | 3.21 | 4.00 | 4.00 | 0.16 |
| 検　定 | | 0.17 | 0.13 | 0.13 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P2 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P4 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P5 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P6 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P7 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P8 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P10 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| P11 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P12 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| W1 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W2 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W3 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W4 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W5 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W6 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W7 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W8 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W9 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W10 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W11 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W12 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| W13 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W14 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W15 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W16 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.04 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.04 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 11.75 | 7.92 | 7.76 | 0.55 |
| 検　定 | 0.31 | 0.16 | 0.16 | 0.28 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.76 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/
X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W2 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W3 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| W4 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| 0.80×0.34 | | | | 0.01 |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.79 | 1.84 | 1.84 | 0.05 |
| 検　定 | 0.11 | 0.10 | 0.10 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 0.34 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 23.04 | 38.40 | 1.87 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.07 | 0.07 | 0.03 | 0.04 | 0.00 |
| P2 | 0.09 | 0.09 | 0.04 | 0.05 | |
| | 0.04 | | | | 0.00 |
| P3 | 0.29 | 0.29 | 0.13 | 0.16 | 0.02 |
| P4 | 0.37 | 0.37 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.21 | 0.40 | 0.52 | 0.21 | 0.03 |
| W2 | 1.47×0.20 | 0.26 | 0.12 | 0.42 | 0.02 |
| W3 | 1.47×0.37 | 0.71 | 0.93 | 0.37 | 0.06 |
| W4 | 1.47×0.35 | 0.45 | 0.20 | 0.72 | 0.04 |
| W5 | 1.80×0.21 | 0.48 | 0.63 | 0.25 | |
| W6 | 1.80×0.20 | 0.32 | 0.14 | 0.51 | |
| W7 | 1.80×0.37 | 0.87 | 1.14 | 0.45 | |
| W8 | 1.80×0.35 | 0.55 | 0.24 | 0.88 | |
| | 0.80×0.21 | | | | 0.02 |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 4.85 | 4.27 | 4.27 | 0.27 |
| 検　定 | | 0.21 | 0.11 | 0.11 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 1.42 |
| | 係数 | 1.02 | | 断面欠損無 | | | | | | | |

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.22 | 0.38 | 0.47 | 0.47 | 0.03 |
| W2 | 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.05 |
| W3 | 1.80×0.22 | 0.49 | 0.61 | 0.61 | |
| W4 | 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| | 0.80×0.22 | | | | 0.02 |
| | 0.80×0.39 | | | | 0.03 |
| 合　計 | | 2.47 | 3.09 | 3.09 | 0.13 |
| 検　定 | | 0.13 | 0.10 | 0.10 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P2 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.29 | 0.22 | 0.08 | 0.21 | 0.02 |
| P4 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P5 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P6 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P7 | 0.29 | 0.34 | 0.17 | 0.12 | 0.02 |
| P8 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P10 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| P11 | 0.25 | 0.06 | 0.23 | 0.02 | 0.00 |
| P12 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| W1 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W2 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W3 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W4 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W5 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.05 |
| W6 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.02 |
| W7 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W8 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.07 |
| W9 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W10 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W11 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W12 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W13 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W14 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W15 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| W16 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.33 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.04 |
| | 0.80×0.35 | | | | 0.04 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 11.75 | 7.92 | 7.76 | 0.55 |
| 検　定 | 0.31 | 0.16 | 0.16 | 0.28 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.76 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/
X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W2 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W3 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| W4 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| 0.80×0.34 | | | | 0.01 |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.79 | 1.84 | 1.84 | 0.05 |
| 検　定 | 0.11 | 0.10 | 0.10 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 0.34 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.07 | 0.37 | 0.37 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W5 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.16 | 0.85 | 0.85 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.20 | 0.03 | 0.12 | 0.12 | 0.00 |
| W3 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.20 | 0.03 | 0.16 | 0.16 | |
| W5 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.18 | 0.80 | 0.80 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.62 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X1
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.43 | 0.14 | 0.24 | 0.18 | 0.00 |
| P2 | 0.55 | 0.18 | 0.31 | 0.24 | |
| | 0.24 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.11 | 0.33 | 0.33 | 0.00 |
| W2 | 1.40×0.23 | 0.08 | 0.22 | 0.22 | 0.00 |
| W3 | 1.40×0.15 | 0.02 | 0.10 | 0.03 | 0.00 |
| W4 | 1.40×0.26 | 0.05 | 0.08 | 0.20 | 0.00 |
| W5 | 1.80×0.23 | 0.10 | 0.28 | 0.28 | |
| W6 | 1.80×0.15 | 0.03 | 0.13 | 0.03 | |
| W7 | 1.80×0.26 | 0.07 | 0.10 | 0.26 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 0.77 | 1.79 | 1.77 | 0.01 |
| 検　定 | | 0.05 | 0.06 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.62 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X1
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.11 | 0.33 | 0.33 | 0.01 |
| 合　計 | | 0.11 | 0.33 | 0.33 | 0.01 |
| 検　定 | | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.86 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
又
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.20 | 0.20 | 0.22 | 0.01 |
| P2 | 4.59 | 2.16 | 2.16 | 2.43 | |
| | 3.95 | | | | 0.05 |
| P3 | 0.07 | 0.00 | 0.07 | 0.00 | 0.00 |
| P4 | 0.09 | 0.01 | 0.09 | 0.01 | |
| | 0.04 | | | | 0.00 |
| P5 | 0.23 | 0.11 | 0.11 | 0.12 | 0.00 |
| P6 | 0.51 | 0.24 | 0.24 | 0.27 | 0.01 |
| P7 | 0.65 | 0.31 | 0.31 | 0.35 | |
| | 0.29 | | | | 0.00 |
| P8 | 0.94 | 0.44 | 0.44 | 0.50 | |
| | 0.68 | | | | 0.01 |
| P9 | 0.47 | 0.03 | 0.45 | 0.03 | 0.00 |
| P10 | 0.61 | 0.03 | 0.57 | 0.04 | |
| | 0.27 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.22 | 0.46 | 0.46 | 0.01 |
| W2 | 1.40×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| W3 | 1.40×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 1.40×0.22 | 0.07 | 0.07 | 0.21 | 0.00 |
| W5 | 1.40×0.20 | 0.13 | 0.24 | 0.27 | 0.00 |
| W6 | 1.40×0.23 | 0.08 | 0.20 | 0.09 | 0.00 |
| W7 | 1.80×0.06 | 0.00 | 0.01 | 0.00 | |
| W8 | 1.80×0.06 | 0.00 | 0.01 | 0.00 | |
| W9 | 1.80×0.22 | 0.08 | 0.08 | 0.28 | |
| W10 | 1.80×0.20 | 0.17 | 0.31 | 0.35 | |
| W11 | 1.80×0.23 | 0.10 | 0.26 | 0.11 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 4.38 | 6.29 | 5.72 | 0.10 |
| 検　定 | | 0.30 | 0.20 | 0.19 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.86 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.22 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.22 | 0.46 | 0.46 | 0.02 |
| 検　定 | 0.03 | 0.02 | 0.02 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y4
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.78 | 0.30 | 0.26 | 0.52 | 0.01 |
| P2 | 0.94 | 0.37 | 0.31 | 0.63 | 0.01 |
| P3 | 1.21 | 0.47 | 0.40 | 0.81 | |
| | 0.54 | | | | 0.01 |
| P4 | 0.51 | 0.20 | 0.17 | 0.35 | |
| | 0.32 | | | | 0.00 |
| P5 | 2.07 | 0.80 | 0.68 | 1.39 | |
| | 1.69 | | | | 0.02 |
| P6 | 1.52 | 1.06 | 0.99 | 0.52 | 0.02 |
| P7 | 1.26 | 0.88 | 0.83 | 0.43 | 0.02 |
| P8 | 1.00 | 0.70 | 0.66 | 0.35 | 0.01 |
| P9 | 1.29 | 0.90 | 0.84 | 0.44 | |
| | 0.57 | | | | 0.01 |
| P10 | 6.74 | 4.70 | 4.42 | 2.33 | |
| | 5.86 | | | | 0.07 |
| W1 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W2 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W3 | 1.40×0.22 | 0.24 | 0.21 | 0.43 | 0.01 |
| W4 | 1.40×0.21 | 0.11 | 0.26 | 0.05 | 0.00 |
| W5 | 1.40×0.25 | 0.13 | 0.32 | 0.07 | 0.00 |
| W6 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W7 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| W8 | 1.80×0.22 | 0.31 | 0.27 | 0.55 | |
| W9 | 1.80×0.21 | 0.14 | 0.34 | 0.07 | |
| W10 | 1.80×0.25 | 0.17 | 0.41 | 0.08 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.21 | | | | 0.00 |
| | 0.80×0.25 | | | | 0.00 |
| 合　計 | | 12.16 | 11.91 | 10.20 | 0.20 |
| 検　定 | | 0.31 | 0.26 | 0.22 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y4
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.22 | 0.08 | 0.21 | 0.03 |
| P2 | 0.37 | 0.29 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.02 |
| P3 | 0.29 | 0.34 | 0.17 | 0.12 | 0.03 |
| P4 | 0.37 | 0.44 | 0.22 | 0.15 | |
| | 0.17 | | | | 0.02 |
| P5 | 0.25 | 0.06 | 0.23 | 0.02 | 0.01 |
| P6 | 0.33 | 0.08 | 0.30 | 0.03 | |
| | 0.14 | | | | 0.00 |
| P7 | 0.14 | 0.11 | 0.04 | 0.10 | 0.01 |
| P8 | 0.18 | 0.14 | 0.05 | 0.13 | |
| | 0.08 | | | | 0.01 |
| P9 | 0.14 | 0.17 | 0.09 | 0.06 | 0.02 |
| P10 | 0.18 | 0.22 | 0.11 | 0.07 | |
| | 0.08 | | | | 0.01 |
| P11 | 0.14 | 0.03 | 0.13 | 0.01 | 0.00 |
| P12 | 0.18 | 0.04 | 0.16 | 0.01 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.47×0.26 | 0.23 | 0.08 | 0.52 | 0.03 |
| W2 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W3 | 1.47×0.35 | 0.65 | 0.69 | 0.22 | 0.07 |
| W4 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W5 | 1.47×0.27 | 0.50 | 0.54 | 0.17 | 0.06 |
| W6 | 1.47×0.33 | 0.29 | 0.11 | 0.66 | 0.04 |
| W7 | 1.47×0.35 | 1.05 | 0.40 | 0.51 | 0.11 |
| W8 | 1.47×0.27 | 0.81 | 0.31 | 0.39 | 0.08 |
| W9 | 1.80×0.26 | 0.28 | 0.10 | 0.63 | |
| W10 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W11 | 1.80×0.35 | 0.79 | 0.85 | 0.27 | |
| W12 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W13 | 1.80×0.27 | 0.61 | 0.66 | 0.21 | |
| W14 | 1.80×0.33 | 0.36 | 0.13 | 0.81 | |
| W15 | 1.80×0.35 | 1.28 | 0.49 | 0.63 | |
| W16 | 1.80×0.27 | 0.99 | 0.38 | 0.48 | |
| | 0.80×0.26 | | | | 0.02 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.04 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.03 |
| | 0.80×0.33 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.06 |
| | 0.80×0.27 | | | | 0.05 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 10.04 | 6.77 | 6.69 | 0.78 |
| 検　定 | 0.38 | 0.16 | 0.16 | 0.39 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.76 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又Y4
X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.13 | 0.31 | 0.31 | 0.01 |
| W2 1.40×0.34 | 0.17 | 0.40 | 0.40 | 0.01 |
| W3 1.80×0.26 | 0.17 | 0.40 | 0.40 | |
| W4 1.80×0.34 | 0.22 | 0.52 | 0.52 | |
| 0.80×0.26 | | | | 0.01 |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.70 | 1.64 | 1.64 | 0.04 |
| 検　定 | 0.10 | 0.09 | 0.09 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.34 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又Y4
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.19 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.09 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.47 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 1.80×0.11 | 0.02 | 0.05 | 0.05 | |
| 0.80×0.11 | | | | 0.00 |
| W3 1.40×0.26 | 0.05 | 0.19 | 0.19 | 0.00 |
| W4 1.40×0.21 | 0.04 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.26 | 0.06 | 0.24 | 0.24 | |
| W6 1.80×0.21 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.21 | | | | 0.00 |
| W7 0.54×3.35 | 0.17 | 0.42 | 0.42 | 0.01 |
| 合　計 | 0.41 | 1.29 | 1.29 | 0.01 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.47 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 1.80×0.11 | 0.02 | 0.05 | 0.05 | |
| 0.80×0.11 | | | | 0.00 |
| W3 1.40×0.26 | 0.05 | 0.19 | 0.19 | 0.00 |
| W4 1.40×0.21 | 0.04 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.26 | 0.06 | 0.24 | 0.24 | |
| W6 1.80×0.21 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.21 | | | | 0.00 |
| W7 0.54×3.35 | 0.17 | 0.42 | 0.42 | 0.01 |
| 合　計 | 0.41 | 1.29 | 1.29 | 0.01 |
| 検　定 | 0.06 | 0.07 | 0.07 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.14 | 0.11 | 0.04 | 0.10 | 0.01 |
| P2 | 0.18 | 0.14 | 0.05 | 0.13 | |
| | 0.08 | | | | 0.01 |
| P3 | 0.14 | 0.17 | 0.09 | 0.06 | 0.02 |
| P4 | 0.18 | 0.22 | 0.11 | 0.07 | |
| | 0.08 | | | | 0.01 |
| P5 | 0.14 | 0.03 | 0.13 | 0.01 | 0.00 |
| P6 | 0.18 | 0.04 | 0.16 | 0.01 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.18 | 0.14 | 0.05 | 0.13 | 0.02 |
| P8 | 0.24 | 0.18 | 0.07 | 0.17 | |
| | 0.11 | | | | 0.01 |
| P9 | 0.18 | 0.22 | 0.11 | 0.07 | 0.02 |
| P10 | 0.24 | 0.28 | 0.14 | 0.09 | |
| | 0.11 | | | | 0.01 |
| P11 | 0.17 | 0.04 | 0.16 | 0.01 | 0.01 |
| P12 | 0.22 | 0.05 | 0.20 | 0.02 | |
| | 0.10 | | | | 0.00 |
| W1 | 1.47×0.28 | 0.25 | 0.09 | 0.57 | 0.03 |
| W2 | 1.47×0.26 | 0.23 | 0.08 | 0.52 | 0.03 |
| W3 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W4 | 1.47×0.27 | 0.50 | 0.54 | 0.17 | 0.06 |
| W5 | 1.47×0.27 | 0.81 | 0.31 | 0.39 | 0.08 |
| W6 | 1.47×0.29 | 0.89 | 0.34 | 0.43 | 0.09 |
| W7 | 1.47×0.29 | 0.55 | 0.59 | 0.19 | 0.06 |
| W8 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W9 | 1.80×0.28 | 0.31 | 0.11 | 0.69 | |
| W10 | 1.80×0.26 | 0.28 | 0.10 | 0.63 | |
| W11 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| W12 | 1.80×0.27 | 0.61 | 0.66 | 0.21 | |
| W13 | 1.80×0.27 | 0.99 | 0.38 | 0.48 | |
| W14 | 1.80×0.29 | 1.09 | 0.42 | 0.53 | |
| W15 | 1.80×0.29 | 0.68 | 0.72 | 0.23 | |
| W16 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| | 0.80×0.28 | | | | 0.02 |
| | 0.80×0.26 | | | | 0.02 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.03 |
| | 0.80×0.27 | | | | 0.05 |
| | 0.80×0.29 | | | | 0.05 |
| | 0.80×0.29 | | | | 0.03 |
| | 0.80×0.12 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 8.87 | 5.99 | 5.95 | 0.69 |
| 検　定 | 0.33 | 0.14 | 0.14 | 0.34 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 54.19 | 53.76 | 0.10 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又
X7
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.11 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 1.80×0.11 | 0.00 | 0.02 | 0.02 | |
| W5 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| 0.80×0.11 | | | | 0.00 |
| 0.80×0.06 | | | | 0.00 |
| 合　計 | 0.01 | 0.16 | 0.16 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 54.19 | 53.76 | 0.67 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又
又X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.27 | 0.71 | 0.71 | 0.00 |
| W2 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| W3 1.40×0.38 | 0.15 | 0.39 | 0.39 | 0.00 |
| W4 1.80×0.38 | 0.19 | 0.51 | 0.51 | |
| 0.80×0.38 | | | | 0.00 |
| W5 1.40×0.29 | 0.11 | 0.30 | 0.30 | 0.00 |
| W6 1.80×0.29 | 0.14 | 0.38 | 0.38 | |
| 0.80×0.29 | | | | 0.00 |
| 合　計 | 1.11 | 2.96 | 2.96 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| W4 1.80×0.19 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.09 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.11 | 0.00 | 0.00 | 0.11 | 0.00 |
| P2 1.48 | 0.03 | 0.05 | 1.43 | 0.00 |
| P3 1.90 | 0.03 | 0.06 | 1.83 | |
| 0.84 | | | | 0.00 |
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.15 | 0.53 | 3.78 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.12 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>1.87 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X0
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.42 | 0.16 | 0.33 | 0.09 | 0.01 |
| P2 | 0.54 | 0.21 | 0.43 | 0.11 | |
| | 0.24 | | | | 0.00 |
| P3 | 0.43 | 0.28 | 0.28 | 0.15 | 0.01 |
| P4 | 0.55 | 0.36 | 0.36 | 0.19 | |
| | 0.24 | | | | 0.01 |
| P5 | 0.59 | 0.30 | 0.13 | 0.46 | 0.01 |
| P6 | 0.48 | 0.25 | 0.10 | 0.38 | 0.01 |
| P7 | 0.62 | 0.32 | 0.13 | 0.49 | |
| | 0.28 | | | | 0.00 |
| P8 | 1.57 | 0.80 | 0.34 | 1.23 | |
| | 1.13 | | | | 0.02 |
| P9 | 0.47 | 0.49 | 0.21 | 0.27 | 0.01 |
| P10 | 0.61 | 0.62 | 0.26 | 0.35 | |
| | 0.27 | | | | 0.01 |
| W1 | 1.47×0.29 | 0.45 | 0.38 | 0.24 | 0.02 |
| W2 | 1.47×0.26 | 0.26 | 0.11 | 0.23 | 0.01 |
| W3 | 1.47×0.20 | 0.05 | 0.23 | 0.03 | 0.00 |
| W4 | 1.80×0.29 | 0.55 | 0.46 | 0.30 | |
| W5 | 1.80×0.26 | 0.32 | 0.14 | 0.28 | |
| W6 | 1.80×0.20 | 0.06 | 0.28 | 0.03 | |
| | 0.80×0.29 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| W7 | 1.47×0.21 | 0.07 | 0.03 | 0.24 | 0.00 |
| W8 | 1.47×0.17 | 0.06 | 0.02 | 0.20 | 0.00 |
| W9 | 1.80×0.21 | 0.09 | 0.04 | 0.30 | |
| W10 | 1.80×0.17 | 0.07 | 0.03 | 0.25 | |
| | 0.80×0.21 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| W11 | 1.47×0.16 | 0.07 | 0.09 | 0.04 | 0.00 |
| W12 | 1.47×0.22 | 0.05 | 0.25 | 0.03 | 0.00 |
| W13 | 1.47×0.23 | 0.26 | 0.16 | 0.14 | 0.01 |
| W14 | 1.47×0.23 | 0.23 | 0.10 | 0.21 | 0.01 |
| W15 | 1.80×0.16 | 0.08 | 0.12 | 0.05 | |
| W16 | 1.80×0.22 | 0.07 | 0.31 | 0.04 | |
| W17 | 1.80×0.23 | 0.32 | 0.20 | 0.17 | |
| W18 | 1.80×0.23 | 0.29 | 0.12 | 0.25 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 7.12 | 5.65 | 6.74 | 0.17 |
| 検　定 | 0.17 | 0.11 | 0.14 | 0.09 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 0.66 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又
又X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.25 | 0.67 | 0.67 | 0.00 |
| 合　計 | 0.25 | 0.67 | 0.67 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 0.40 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又
又
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| 合　計 | 0.09 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.18 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.05 | 0.17 | 0.17 | 0.00 |
| W3 1.80×0.18 | 0.05 | 0.18 | 0.18 | |
| W4 1.80×0.23 | 0.06 | 0.22 | 0.22 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.20 | 0.71 | 0.71 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.03 | 0.12 | 0.12 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.16 | 0.16 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.13 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 11.29 | 26.88 | 1.48 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X1
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.20 | 0.11 | 0.30 | 0.03 |
| P2 | 0.29 | 0.14 | 0.08 | 0.21 | 0.02 |
| P3 | 0.37 | 0.19 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.01 |
| P4 | 0.28 | 0.14 | 0.08 | 0.20 | 0.02 |
| P5 | 0.13 | 0.07 | 0.04 | 0.10 | 0.01 |
| P6 | 0.17 | 0.09 | 0.05 | 0.13 | |
| | 0.08 | | | | 0.01 |
| W1 | 1.40×0.27 | 0.43 | 0.58 | 0.33 | 0.06 |
| W2 | 1.40×0.37 | 0.59 | 0.80 | 0.45 | 0.09 |
| W3 | 1.80×0.27 | 0.56 | 0.75 | 0.43 | |
| W4 | 1.80×0.37 | 0.76 | 1.03 | 0.58 | |
| | 0.80×0.27 | | | | 0.04 |
| | 0.80×0.37 | | | | 0.05 |
| W5 | 1.40×0.21 | 0.06 | 0.04 | 0.22 | 0.01 |
| W6 | 1.40×0.23 | 0.07 | 0.04 | 0.25 | 0.01 |
| W7 | 1.80×0.21 | 0.08 | 0.05 | 0.29 | |
| W8 | 1.80×0.23 | 0.09 | 0.05 | 0.32 | |
| | 0.80×0.21 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| 合　計 | | 3.49 | 3.78 | 4.09 | 0.37 |
| 検　定 | | 0.31 | 0.14 | 0.15 | 0.25 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.11 | 0.77 | 0.73 | 0.38 | 0.02 |
| P2 | 6.06 | 4.22 | 3.97 | 2.09 | |
| | 5.03 | | | | 0.10 |
| P3 | 1.11 | 0.43 | 0.36 | 0.75 | 0.02 |
| P4 | 0.98 | 0.38 | 0.32 | 0.66 | 0.02 |
| P5 | 1.25 | 0.49 | 0.41 | 0.84 | |
| | 0.56 | | | | 0.01 |
| P6 | 0.70 | 0.27 | 0.23 | 0.47 | |
| | 0.44 | | | | 0.01 |
| P7 | 1.65 | 1.15 | 1.08 | 0.57 | 0.03 |
| P8 | 1.00 | 0.70 | 0.66 | 0.34 | 0.02 |
| P9 | 1.29 | 0.90 | 0.84 | 0.44 | |
| | 0.57 | | | | 0.01 |
| P10 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P11 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P12 | 1.14 | 0.44 | 0.37 | 0.77 | |
| | 0.72 | | | | 0.01 |
| P13 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P14 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P15 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W2 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W3 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W4 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W5 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W6 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| W7 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W8 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| W9 | 1.40×0.23 | 0.12 | 0.29 | 0.06 | 0.00 |
| W10 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.00 |
| W11 | 1.80×0.23 | 0.15 | 0.37 | 0.08 | |
| W12 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 12.70 | 12.46 | 10.76 | 0.34 |
| 検　定 | | 0.47 | 0.30 | 0.25 | 0.24 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>14.88 | fs<br>1.60 | Ma<br>72.02 | Qa<br>70.40 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 6.89 | 5.30 | 1.39 | 5.51 | 0.11 |
| P2 | 1.60 | 1.23 | 0.32 | 1.28 | 0.03 |
| P3 | 1.97 | 1.51 | 0.40 | 1.57 | |
| | 0.87 | | | | 0.01 |
| P4 | 1.22 | 0.94 | 0.24 | 0.97 | 0.02 |
| P5 | 2.67 | 2.05 | 0.54 | 2.13 | |
| | 1.75 | | | | 0.03 |
| P6 | 0.18 | 0.20 | 0.05 | 0.13 | 0.00 |
| P7 | 0.24 | 0.25 | 0.07 | 0.17 | |
| | 0.11 | | | | 0.00 |
| P8 | 0.18 | 0.14 | 0.11 | 0.07 | 0.00 |
| P9 | 0.24 | 0.18 | 0.14 | 0.09 | |
| | 0.11 | | | | 0.00 |
| P10 | 0.17 | 0.03 | 0.16 | 0.01 | 0.00 |
| P11 | 0.22 | 0.03 | 0.20 | 0.02 | |
| | 0.10 | | | | 0.00 |
| W1 | 0.54×3.35 | 5.66 | 4.93 | 3.28 | 0.16 |
| W2 | 1.47×0.31 | 0.20 | 0.05 | 0.46 | 0.00 |
| W3 | 1.47×0.22 | 0.13 | 0.04 | 0.11 | 0.00 |
| W4 | 1.47×0.28 | 0.18 | 0.05 | 0.42 | 0.00 |
| W5 | 1.47×0.29 | 0.80 | 0.34 | 0.43 | 0.02 |
| W6 | 1.47×0.29 | 0.35 | 0.59 | 0.19 | 0.01 |
| W7 | 1.47×0.12 | 0.01 | 0.07 | 0.00 | 0.00 |
| W8 | 1.80×0.31 | 0.24 | 0.06 | 0.57 | |
| W9 | 1.80×0.22 | 0.16 | 0.04 | 0.14 | |
| W10 | 1.80×0.28 | 0.22 | 0.06 | 0.51 | |
| W11 | 1.80×0.29 | 0.98 | 0.42 | 0.53 | |
| W12 | 1.80×0.29 | 0.43 | 0.72 | 0.23 | |
| W13 | 1.80×0.12 | 0.01 | 0.09 | 0.00 | |
| | 0.80×0.31 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.29 | | | | 0.01 |
| | 0.80×0.29 | | | | 0.01 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 21.21 | 11.08 | 18.83 | 0.44 |
| 検　定 | | 0.29 | 0.16 | 0.27 | 0.22 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| W4 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×3.35 | 0.13 | 0.70 | 0.70 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.12 | 0.01 | 0.06 | 0.06 | 0.00 |
| W5 1.80×0.12 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.21 | 1.08 | 1.08 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.14 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>33.45 | Qa<br>52.80 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.55 | 4.88 | 2.06 | 5.49 | |
| | 5.74 | | | | 0.11 |
| P2 | 22.59 | 14.60 | 6.17 | 16.41 | 0.43 |
| P3 | 0.41 | 0.27 | 0.11 | 0.30 | 0.01 |
| P4 | 0.29 | 0.19 | 0.08 | 0.21 | 0.01 |
| P5 | 0.37 | 0.24 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.00 |
| P6 | 0.41 | 0.27 | 0.11 | 0.30 | 0.01 |
| P7 | 0.29 | 0.19 | 0.08 | 0.21 | 0.01 |
| P8 | 0.37 | 0.24 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.27 | 0.11 | 0.71 | 0.01 |
| W2 | 1.40×0.37 | 0.44 | 0.80 | 0.45 | 0.02 |
| W3 | 1.40×0.37 | 0.44 | 0.80 | 0.45 | 0.02 |
| W4 | 1.80×0.37 | 0.56 | 1.03 | 0.58 | |
| W5 | 1.80×0.37 | 0.56 | 1.03 | 0.58 | |
| | 0.80×0.37 | | | | 0.01 |
| | 0.80×0.37 | | | | 0.01 |
| W6 | 1.40×0.23 | 0.09 | 0.04 | 0.25 | 0.00 |
| W7 | 1.80×0.23 | 0.12 | 0.05 | 0.32 | |
| | 0.80×0.23 | | | | 0.00 |
| W8 | 1.40×0.23 | 0.09 | 0.04 | 0.25 | 0.00 |
| W9 | 1.80×0.23 | 0.12 | 0.05 | 0.32 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 23.57 | 12.76 | 27.39 | 0.66 |
| 検　定 | | 0.70 | 0.24 | 0.52 | 0.45 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 23.04 | 38.40 | 1.42 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.11 | 2.17 | 2.04 | 1.07 | |
| | 2.45 | | | | 0.06 |
| P2 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P3 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P4 | 1.14 | 0.44 | 0.37 | 0.77 | |
| | 0.72 | | | | 0.02 |
| P5 | 0.29 | 0.11 | 0.09 | 0.19 | 0.01 |
| P6 | 0.37 | 0.14 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P7 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P8 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P9 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| P10 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P11 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P12 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.35 | 0.83 | 0.17 | 0.01 |
| W2 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.01 |
| W3 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.27 | | | | 0.00 |
| W4 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W5 | 1.40×0.26 | 0.22 | 0.19 | 0.19 | 0.01 |
| W6 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.01 |
| W7 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.01 |
| W8 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W9 | 1.80×0.26 | 0.28 | 0.24 | 0.25 | |
| W10 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| W11 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| | 0.80×0.26 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| W12 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.01 |
| W13 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 6.96 | 7.78 | 6.30 | 0.24 |
| 検　定 | | 0.30 | 0.20 | 0.16 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 1.80×0.28 | 0.08 | 0.28 | 0.28 | |
| W4 1.80×0.28 | 0.08 | 0.28 | 0.28 | |
| 0.80×0.28 | | | | 0.00 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.29 | 1.01 | 1.01 | 0.01 |
| 検　定 | 0.04 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X7
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.10 | 0.10 | 0.00 |
| W2 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 1.40×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| W5 1.80×0.06 | 0.00 | 0.01 | 0.01 | |
| 0.80×0.06 | | | | 0.00 |
| 0.80×0.06 | | | | 0.00 |
| 合　計 | 0.01 | 0.14 | 0.14 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又X7
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.27 | 0.71 | 0.71 | 0.00 |
| W2 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| W3 1.40×0.38 | 0.15 | 0.39 | 0.39 | 0.00 |
| W4 1.80×0.38 | 0.19 | 0.51 | 0.51 | |
| 0.80×0.38 | | | | 0.00 |
| W5 1.40×0.28 | 0.11 | 0.29 | 0.29 | 0.00 |
| W6 1.80×0.28 | 0.14 | 0.37 | 0.37 | |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 1.10 | 2.95 | 2.95 | 0.01 |
| 検　定 | 0.06 | 0.10 | 0.10 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.07 | 0.37 | 0.37 | 0.00 |
| W2 0.54×1.67 | 0.07 | 0.35 | 0.35 | 0.00 |
| W3 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W4 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| W5 1.40×0.12 | 0.01 | 0.06 | 0.06 | 0.00 |
| W6 1.80×0.12 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.21 | 1.09 | 1.09 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.40 | 0.40 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| W4 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.22 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>37.64 | Qa<br>52.80 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X1
X3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.49 | 0.04 | 3.46 | 0.03 | |
| | 2.80 | | | | 0.00 |
| P2 | 4.26 | 2.74 | 2.33 | 1.93 | |
| | 3.58 | | | | 0.08 |
| P3 | 7.91 | 5.09 | 4.32 | 3.59 | 0.18 |
| P4 | 2.58 | 1.35 | 0.71 | 1.88 | |
| | 1.93 | | | | 0.03 |
| P5 | 20.33 | 10.62 | 5.56 | 14.77 | 0.34 |
| P6 | 0.41 | 0.21 | 0.11 | 0.30 | 0.01 |
| P7 | 0.29 | 0.15 | 0.08 | 0.21 | 0.00 |
| P8 | 0.37 | 0.19 | 0.10 | 0.27 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.00 | 0.03 | 0.00 | 0.00 |
| W2 | 0.54×1.67 | 0.44 | 1.03 | 0.31 | 0.02 |
| W3 | 0.54×1.67 | 0.57 | 0.34 | 0.48 | 0.02 |
| W4 | 1.40×0.37 | 0.58 | 0.80 | 0.45 | 0.02 |
| W5 | 1.80×0.37 | 0.74 | 1.03 | 0.58 | |
| | 0.80×0.37 | | | | 0.01 |
| W6 | 1.40×0.40 | 0.75 | 0.92 | 0.92 | 0.03 |
| W7 | 1.40×0.23 | 0.08 | 0.04 | 0.25 | 0.00 |
| W8 | 1.80×0.40 | 0.96 | 1.18 | 1.18 | |
| W9 | 1.80×0.23 | 0.10 | 0.05 | 0.32 | |
| | 0.80×0.40 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 24.61 | 22.06 | 27.48 | 0.76 |
| 検　定 | | 0.65 | 0.42 | 0.52 | 0.51 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.96 | 0.70 | 0.64 | 1.32 | |
| | 1.23 | | | | 0.02 |
| P2 | 1.51 | 1.08 | 0.99 | 0.52 | 0.03 |
| P3 | 5.89 | 4.22 | 3.86 | 2.03 | |
| | 5.10 | | | | 0.10 |
| P4 | 0.29 | 0.10 | 0.09 | 0.19 | 0.01 |
| P5 | 0.37 | 0.13 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.00 |
| P6 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P7 | 0.29 | 0.21 | 0.19 | 0.10 | 0.01 |
| P8 | 0.37 | 0.27 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| P9 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P10 | 0.29 | 0.21 | 0.19 | 0.10 | 0.01 |
| P11 | 0.37 | 0.27 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 1.40×0.27 | 0.15 | 0.34 | 0.07 | 0.00 |
| W2 | 1.40×0.27 | 0.15 | 0.34 | 0.07 | 0.00 |
| W3 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| W4 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.26 | 0.20 | 0.19 | 0.19 | 0.01 |
| W6 | 1.40×0.36 | 0.37 | 0.34 | 0.70 | 0.02 |
| W7 | 1.40×0.26 | 0.07 | 0.06 | 0.32 | 0.00 |
| W8 | 1.80×0.26 | 0.26 | 0.24 | 0.25 | |
| W9 | 1.80×0.36 | 0.48 | 0.44 | 0.91 | |
| W10 | 1.80×0.26 | 0.09 | 0.08 | 0.41 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.36 | | | | 0.01 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 9.93 | 10.03 | 8.15 | 0.26 |
| 検　定 | | 0.37 | 0.24 | 0.19 | 0.18 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
又X6
X7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.27 | 0.06 | 0.21 | 0.21 | 0.00 |
| W3 | 1.80×0.28 | 0.08 | 0.28 | 0.28 | |
| W4 | 1.80×0.27 | 0.08 | 0.28 | 0.28 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 0.28 | 0.99 | 0.99 | 0.01 |
| 検　定 | | 0.04 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>8.29 | Qa<br>23.04 | δa<br>0.76 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X7
X8

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.19 | 0.02 | 0.16 | 0.02 | 0.00 |
| P2 | 0.24 | 0.03 | 0.21 | 0.03 | |
| | 0.11 | | | | 0.00 |
| P3 | 0.14 | 0.02 | 0.12 | 0.02 | 0.00 |
| P4 | 0.18 | 0.02 | 0.16 | 0.02 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W2 | 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W3 | 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| W4 | 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| | 0.80×0.06 | | | | 0.00 |
| | 0.80×0.06 | | | | 0.00 |
| W5 | 1.40×0.31 | 0.15 | 0.28 | 0.36 | 0.01 |
| W6 | 1.40×0.28 | 0.14 | 0.25 | 0.33 | 0.01 |
| W7 | 1.80×0.31 | 0.20 | 0.36 | 0.47 | |
| W8 | 1.80×0.28 | 0.18 | 0.32 | 0.42 | |
| | 0.80×0.31 | | | | 0.01 |
| | 0.80×0.28 | | | | 0.00 |
| 合　計 | | 0.75 | 1.94 | 1.67 | 0.03 |
| 検　定 | | 0.09 | 0.08 | 0.07 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y5
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.20 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.20 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.20 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.20 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.20 | | | | 0.00 |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.09 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.15 | 0.52 | 0.52 | 0.01 |
| W2 1.40×0.27 | 0.06 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.27 | 0.08 | 0.28 | 0.28 | |
| 0.80×0.27 | | | | 0.00 |
| W4 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W5 3.20×0.28 | 0.15 | 0.51 | 0.51 | |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.50 | 1.74 | 1.74 | 0.02 |
| 検　定 | 0.07 | 0.09 | 0.09 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
X7
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.03 | 0.00 | 0.01 | 1.02 | |
| | 1.03 | | | | 0.00 |
| P2 | 4.19 | 0.70 | 3.38 | 0.81 | 0.00 |
| P3 | 11.30 | 1.89 | 9.12 | 2.18 | |
| | 11.30 | | | | 0.01 |
| P4 | 0.19 | 0.03 | 0.15 | 0.04 | 0.00 |
| P5 | 0.24 | 0.04 | 0.19 | 0.05 | |
| | 0.11 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.11 | 0.54 | 0.54 | 0.00 |
| W2 | 0.54×1.67 | 0.02 | 0.18 | 0.02 | 0.00 |
| W3 | 0.54×1.67 | 0.09 | 0.33 | 0.49 | 0.00 |
| W4 | 0.54×1.67 | 0.00 | 0.00 | 0.01 | 0.00 |
| W5 | 1.40×0.06 | 0.00 | 0.02 | 0.00 | 0.00 |
| W6 | 1.80×0.06 | 0.00 | 0.02 | 0.00 | |
| | 0.80×0.06 | | | | 0.00 |
| W7 | 1.40×0.33 | 0.05 | 0.17 | 0.25 | 0.00 |
| W8 | 1.80×0.33 | 0.06 | 0.22 | 0.32 | |
| | 0.80×0.33 | | | | 0.00 |
| W9 | 1.40×0.45 | 0.06 | 0.23 | 0.34 | 0.00 |
| W10 | 1.40×0.11 | 0.00 | 0.03 | 0.00 | 0.00 |
| W11 | 3.20×0.45 | 0.14 | 0.53 | 0.78 | |
| W12 | 3.20×0.11 | 0.01 | 0.07 | 0.01 | |
| | 2.10×0.45 | | | | 0.00 |
| | 2.10×0.11 | | | | 0.00 |
| 合　計 | | 3.21 | 15.19 | 6.86 | 0.01 |
| 検　定 | | 0.11 | 0.36 | 0.16 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.60 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
又
X9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.89 | 0.27 | 0.51 | 0.38 | 0.00 |
| P2 | 1.14 | 0.35 | 0.65 | 0.49 | |
| | 0.51 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.22 | 0.64 | 0.64 | 0.00 |
| W2 | 0.54×1.67 | 0.21 | 0.61 | 0.61 | 0.00 |
| W3 | 1.40×0.27 | 0.03 | 0.17 | 0.05 | 0.00 |
| W4 | 1.40×0.20 | 0.04 | 0.06 | 0.15 | 0.00 |
| W5 | 1.80×0.27 | 0.04 | 0.22 | 0.06 | |
| W6 | 1.80×0.20 | 0.05 | 0.08 | 0.19 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| W7 | 1.40×0.40 | 0.13 | 0.38 | 0.38 | 0.00 |
| W8 | 3.20×0.40 | 0.29 | 0.86 | 0.86 | |
| | 2.10×0.40 | | | | 0.00 |
| 合　計 | | 1.63 | 4.18 | 3.81 | 0.01 |
| 検　定 | | 0.05 | 0.10 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又Y5
X9
又X9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 | 0.54×3.34 | 0.18 | 0.81 | 0.81 | 0.00 |
| W3 | 1.40×0.27 | 0.04 | 0.17 | 0.17 | 0.00 |
| W4 | 1.80×0.27 | 0.05 | 0.21 | 0.21 | |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.10 | 0.01 | 0.06 | 0.06 | 0.00 |
| W6 | 3.20×0.10 | 0.03 | 0.13 | 0.13 | |
| | 2.10×0.10 | | | | 0.00 |
| 合　計 | | 0.41 | 1.81 | 1.81 | 0.01 |
| 検　定 | | 0.04 | 0.08 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.19 | 0.14 | 0.14 | 0.13 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.98 | 2.78 | 2.61 | 1.37 | |
| | 3.09 | | | | 0.08 |
| P2 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P3 | 0.36 | 0.25 | 0.23 | 0.12 | 0.01 |
| P4 | 0.46 | 0.32 | 0.30 | 0.16 | |
| | 0.20 | | | | 0.01 |
| P5 | 0.54 | 0.38 | 0.35 | 0.19 | |
| | 0.42 | | | | 0.01 |
| P6 | 0.41 | 0.29 | 0.27 | 0.14 | 0.01 |
| P7 | 0.29 | 0.20 | 0.19 | 0.10 | 0.01 |
| P8 | 0.37 | 0.26 | 0.24 | 0.13 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.73 | 0.62 | 1.27 | 0.04 |
| W2 | 1.40×0.27 | 0.14 | 0.34 | 0.07 | 0.01 |
| W3 | 1.40×0.18 | 0.10 | 0.23 | 0.05 | 0.00 |
| W4 | 1.80×0.27 | 0.19 | 0.44 | 0.09 | |
| W5 | 1.80×0.18 | 0.13 | 0.30 | 0.06 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| W6 | 1.40×0.36 | 0.40 | 0.34 | 0.70 | 0.02 |
| W7 | 1.80×0.36 | 0.52 | 0.44 | 0.91 | |
| | 0.80×0.36 | | | | 0.01 |
| W8 | 1.40×0.36 | 0.40 | 0.34 | 0.70 | 0.02 |
| W9 | 1.80×0.36 | 0.52 | 0.44 | 0.91 | |
| | 0.80×0.36 | | | | 0.01 |
| 合　計 | | 7.89 | 7.97 | 7.12 | 0.27 |
| 検　定 | | 0.34 | 0.21 | 0.19 | 0.19 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.18 | 0.04 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.18 | 0.04 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.18 | 0.05 | 0.18 | 0.18 | |
| W4 1.80×0.18 | 0.05 | 0.18 | 0.18 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.18 | | | | 0.00 |
| 合　計 | 0.18 | 0.64 | 0.64 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.14 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.19 | 0.14 | 0.14 | 0.13 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.55 | 0.54 | 0.28 | 0.02 |
| P2 | 0.41 | 0.27 | 0.27 | 0.14 | 0.01 |
| P3 | 0.36 | 0.24 | 0.23 | 0.12 | 0.01 |
| P4 | 0.46 | 0.31 | 0.30 | 0.16 | |
| | 0.20 | | | | 0.00 |
| P5 | 0.54 | 0.36 | 0.35 | 0.19 | |
| | 0.42 | | | | 0.01 |
| W1 | 1.40×0.18 | 0.09 | 0.23 | 0.05 | 0.00 |
| W2 | 1.40×0.37 | 0.19 | 0.46 | 0.10 | 0.01 |
| W3 | 1.80×0.18 | 0.12 | 0.30 | 0.06 | |
| W4 | 1.80×0.37 | 0.24 | 0.59 | 0.12 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| W5 | 1.40×0.41 | 0.49 | 0.39 | 0.80 | 0.02 |
| W6 | 1.40×0.36 | 0.43 | 0.34 | 0.70 | 0.02 |
| W7 | 1.80×0.41 | 0.63 | 0.50 | 1.03 | |
| W8 | 1.80×0.36 | 0.55 | 0.44 | 0.91 | |
| | 0.80×0.41 | | | | 0.01 |
| | 0.80×0.36 | | | | 0.01 |
| 合　計 | | 4.46 | 4.96 | 4.67 | 0.14 |
| 検　定 | | 0.17 | 0.13 | 0.12 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 3.20×0.28 | 0.15 | 0.51 | 0.51 | |
| W4 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| 2.10×0.28 | | | | 0.00 |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.42 | 1.46 | 1.46 | 0.01 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.39 | 0.42 | 0.68 | 0.68 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.39 | 0.97 | 1.55 | 1.55 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.39 | | | | 0.07 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.72 | 4.37 | 4.37 | 0.22 |
| 検　定 | 0.26 | 0.19 | 0.19 | 0.20 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| W4 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.14 | 0.62 | 0.62 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.19 | 0.14 | 0.14 | 0.13 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.59 | 0.54 | 0.28 | 0.01 |
| P2 | 2.50 | 1.79 | 1.64 | 0.86 | 0.04 |
| P3 | 8.74 | 6.25 | 5.72 | 3.01 | |
| | 7.86 | | | | 0.13 |
| W1 | 0.54×1.67 | 0.36 | 0.83 | 0.17 | 0.01 |
| W2 | 0.54×1.67 | 0.68 | 0.62 | 1.27 | 0.02 |
| W3 | 1.40×0.37 | 0.20 | 0.46 | 0.10 | 0.00 |
| W4 | 1.80×0.37 | 0.26 | 0.59 | 0.12 | |
| | 0.80×0.37 | | | | 0.00 |
| W5 | 1.40×0.39 | 0.63 | 0.88 | 0.88 | 0.02 |
| W6 | 1.80×0.39 | 0.81 | 1.13 | 1.13 | |
| | 0.80×0.39 | | | | 0.01 |
| W7 | 1.40×0.41 | 0.43 | 0.39 | 0.80 | 0.02 |
| W8 | 1.80×0.41 | 0.55 | 0.50 | 1.03 | |
| | 0.80×0.41 | | | | 0.01 |
| 合　計 | | 12.55 | 13.30 | 9.66 | 0.27 |
| 検　定 | | 0.38 | 0.31 | 0.23 | 0.19 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
又X6
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 | 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| W4 | 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| | 2.10×0.28 | | | | 0.00 |
| | 2.10×0.28 | | | | 0.00 |
| 合　計 | | 0.41 | 1.44 | 1.44 | 0.01 |
| 検　定 | | 0.06 | 0.08 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y6
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.66 | 4.27 | 4.27 | 0.21 |
| 検　定 | 0.26 | 0.19 | 0.19 | 0.19 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.48 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W2 1.40×0.40 | 0.76 | 0.92 | 0.92 | 0.06 |
| W3 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| W4 1.80×0.40 | 0.98 | 1.18 | 1.18 | |
| 0.80×0.40 | | | | 0.03 |
| 0.80×0.40 | | | | 0.03 |
| 合　計 | 3.48 | 4.19 | 4.19 | 0.19 |
| 検　定 | 0.19 | 0.14 | 0.14 | 0.13 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 14.11 | 26.88 | 1.42 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.08 |
| W2 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.08 |
| W3 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| W4 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| 0.80×0.39 | | | | 0.04 |
| 0.80×0.39 | | | | 0.04 |
| 合　計 | 3.21 | 4.00 | 4.00 | 0.24 |
| 検　定 | 0.23 | 0.15 | 0.15 | 0.17 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.51 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| W4 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| 2.10×0.28 | | | | 0.00 |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.41 | 1.44 | 1.44 | 0.01 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.66 | 4.27 | 4.27 | 0.21 |
| 検　定 | 0.26 | 0.19 | 0.19 | 0.19 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W3 1.40×0.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.34 | 0.06 | 0.27 | 0.27 | |
| W5 1.80×0.22 | 0.04 | 0.17 | 0.17 | |
| 0.80×0.34 | | | | 0.00 |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.22 | 0.99 | 0.99 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.39 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X0
X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.13 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.13 | 0.36 | 0.36 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.13 | 0.36 | 0.36 | 0.01 |
| W2 1.40×0.39 | 0.15 | 0.41 | 0.41 | 0.01 |
| W3 1.40×0.46 | 0.18 | 0.48 | 0.48 | 0.01 |
| W4 1.80×0.39 | 0.20 | 0.53 | 0.53 | |
| W5 1.80×0.46 | 0.23 | 0.62 | 0.62 | |
| 0.80×0.39 | | | | 0.01 |
| 0.80×0.46 | | | | 0.01 |
| 合　計 | 0.90 | 2.39 | 2.39 | 0.04 |
| 検　定 | 0.13 | 0.12 | 0.12 | 0.07 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.20 | 0.43 | 0.43 | 0.02 |
| W2 1.40×0.40 | 0.23 | 0.51 | 0.51 | 0.02 |
| W3 1.40×0.40 | 0.23 | 0.51 | 0.51 | 0.02 |
| W4 1.80×0.40 | 0.30 | 0.65 | 0.65 | |
| W5 1.80×0.40 | 0.30 | 0.65 | 0.65 | |
| 0.80×0.40 | | | | 0.01 |
| 0.80×0.40 | | | | 0.01 |
| 合　計 | 1.25 | 2.75 | 2.75 | 0.09 |
| 検　定 | 0.17 | 0.14 | 0.14 | 0.11 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.20 | 0.43 | 0.43 | 0.00 |
| 合　計 | 0.20 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.40 | 0.87 | 0.87 | 0.01 |
| W2 1.40×0.40 | 0.24 | 0.51 | 0.51 | 0.01 |
| W3 1.40×0.40 | 0.24 | 0.51 | 0.51 | 0.01 |
| W4 1.80×0.40 | 0.30 | 0.66 | 0.66 | |
| W5 1.80×0.40 | 0.30 | 0.66 | 0.66 | |
| 0.80×0.40 | | | | 0.00 |
| 0.80×0.40 | | | | 0.00 |
| 合　計 | 1.48 | 3.22 | 3.22 | 0.04 |
| 検　定 | 0.10 | 0.12 | 0.12 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.22 | 0.65 | 0.65 | 0.00 |
| W2 1.40×0.38 | 0.12 | 0.36 | 0.36 | 0.00 |
| W3 1.40×0.38 | 0.12 | 0.36 | 0.36 | 0.00 |
| W4 1.80×0.38 | 0.16 | 0.47 | 0.47 | |
| W5 1.80×0.38 | 0.16 | 0.47 | 0.47 | |
| 0.80×0.38 | | | | 0.00 |
| 0.80×0.38 | | | | 0.00 |
| 合　計 | 0.78 | 2.30 | 2.30 | 0.01 |
| 検　定 | 0.06 | 0.09 | 0.09 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
又X6
X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.28 | 0.06 | 0.22 | 0.22 | 0.00 |
| W3 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| W4 3.20×0.28 | 0.14 | 0.50 | 0.50 | |
| 2.10×0.28 | | | | 0.00 |
| 2.10×0.28 | | | | 0.00 |
| 合　計 | 0.41 | 1.44 | 1.44 | 0.01 |
| 検　定 | 0.06 | 0.08 | 0.08 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.11 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y7
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.66 | 4.27 | 4.27 | 0.21 |
| 検　定 | 0.26 | 0.19 | 0.19 | 0.19 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.87 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.47×0.41 | 1.32 | 1.26 | 1.26 | 0.09 |
| W2 1.47×0.22 | 0.70 | 0.67 | 0.67 | 0.05 |
| W3 1.80×0.41 | 1.62 | 1.54 | 1.54 | |
| W4 1.80×0.22 | 0.86 | 0.82 | 0.82 | |
| 0.80×0.41 | | | | 0.05 |
| 0.80×0.22 | | | | 0.02 |
| 合　計 | 4.50 | 4.28 | 4.28 | 0.20 |
| 検　定 | 0.16 | 0.11 | 0.11 | 0.11 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
X3
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.38 | 0.47 | 0.47 | 0.04 |
| W2 1.40×0.39 | 0.70 | 0.88 | 0.88 | 0.08 |
| W3 1.80×0.22 | 0.49 | 0.61 | 0.61 | |
| W4 1.80×0.39 | 0.90 | 1.13 | 1.13 | |
| 0.80×0.22 | | | | 0.02 |
| 0.80×0.39 | | | | 0.04 |
| 合　計 | 2.47 | 3.09 | 3.09 | 0.19 |
| 検　定 | 0.18 | 0.11 | 0.11 | 0.13 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 15.0×55.0 | 825.0 | 207969 | 7563 | 14.88 | 1.60 | 90.02 | 88.00 | 2.00 |
| | 係数 | 0.93 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.34 | 0.08 | 0.33 | 0.01 |
| P2 | 0.04 | 0.03 | 0.01 | 0.03 | 0.00 |
| P3 | 0.05 | 0.04 | 0.01 | 0.04 | |
| | 0.02 | | | | 0.00 |
| P4 | 0.04 | 0.03 | 0.01 | 0.03 | 0.00 |
| P5 | 0.08 | 0.07 | 0.02 | 0.07 | |
| | 0.05 | | | | 0.00 |
| P6 | 6.76 | 5.56 | 1.36 | 5.40 | 0.09 |
| P7 | 0.41 | 0.34 | 0.08 | 0.33 | 0.01 |
| P8 | 0.51 | 0.42 | 0.10 | 0.40 | |
| | 0.23 | | | | 0.00 |
| P9 | 2.41 | 1.99 | 0.49 | 1.93 | 0.03 |
| P10 | 5.27 | 4.34 | 1.06 | 4.21 | |
| | 3.46 | | | | 0.04 |
| P11 | 0.07 | 0.04 | 0.05 | 0.02 | 0.00 |
| P12 | 0.09 | 0.05 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| P13 | 0.07 | 0.07 | 0.03 | 0.05 | 0.00 |
| P14 | 0.09 | 0.10 | 0.03 | 0.06 | |
| | 0.04 | | | | 0.00 |
| W1 | 0.54×3.35 | 5.06 | 4.93 | 3.28 | 0.13 |
| W2 | 1.47×0.20 | 0.14 | 0.45 | 0.09 | 0.01 |
| W3 | 1.47×0.20 | 0.41 | 0.28 | 0.26 | 0.01 |
| W4 | 1.47×0.17 | 0.24 | 0.06 | 0.16 | 0.00 |
| W5 | 1.80×0.20 | 0.17 | 0.55 | 0.10 | |
| W6 | 1.80×0.20 | 0.50 | 0.34 | 0.31 | |
| W7 | 1.80×0.17 | 0.29 | 0.08 | 0.20 | |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.17 | | | | 0.00 |
| W8 | 1.47×0.28 | 0.19 | 0.05 | 0.42 | 0.00 |
| W9 | 1.47×0.19 | 0.13 | 0.03 | 0.28 | 0.00 |
| W10 | 3.20×0.28 | 0.41 | 0.10 | 0.90 | |
| W11 | 3.20×0.19 | 0.27 | 0.07 | 0.60 | |
| | 2.10×0.28 | | | | 0.00 |
| | 2.10×0.19 | | | | 0.00 |
| 合　計 | | 21.20 | 10.31 | 19.51 | 0.35 |
| 検　定 | | 0.24 | 0.12 | 0.22 | 0.18 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 1.11 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W2 1.40×0.21 | 0.23 | 0.36 | 0.36 | 0.02 |
| W3 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| W4 3.20×0.21 | 0.51 | 0.83 | 0.83 | |
| 2.10×0.38 | | | | 0.06 |
| 2.10×0.21 | | | | 0.04 |
| 合　計 | 2.07 | 3.32 | 3.32 | 0.17 |
| 検　定 | 0.20 | 0.14 | 0.14 | 0.15 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 28.80 | 38.40 | 1.87 |
| | 係数 | 1.00 | 断面欠損無 | | | | | | | | |

1/又
X0
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.47×0.22 | 0.70 | 0.67 | 0.67 | 0.05 |
| W2 1.47×0.41 | 1.32 | 1.26 | 1.26 | 0.09 |
| W3 1.80×0.22 | 0.86 | 0.82 | 0.82 | |
| W4 1.80×0.41 | 1.62 | 1.54 | 1.54 | |
| 0.80×0.22 | | | | 0.02 |
| 0.80×0.41 | | | | 0.05 |
| 合　計 | 4.50 | 4.28 | 4.28 | 0.20 |
| 検　定 | 0.16 | 0.11 | 0.11 | 0.11 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>1.42 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X3
X5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.21 | 0.12 | 0.17 | 0.01 |
| P2 | 0.37 | 0.27 | 0.16 | 0.21 | |
| | 0.17 | | | | 0.00 |
| W1 | 1.40×0.22 | 0.38 | 0.47 | 0.47 | 0.01 |
| W2 | 1.40×0.31 | 0.21 | 0.12 | 0.46 | 0.01 |
| W3 | 1.40×0.35 | 0.37 | 0.63 | 0.25 | 0.01 |
| W4 | 1.80×0.22 | 0.49 | 0.61 | 0.61 | |
| W5 | 1.80×0.31 | 0.27 | 0.16 | 0.59 | |
| W6 | 1.80×0.35 | 0.48 | 0.81 | 0.33 | |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.31 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.01 |
| 合　計 | | 2.69 | 3.09 | 3.09 | 0.06 |
| 検　定 | | 0.09 | 0.07 | 0.07 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
X5
X7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.51 | 0.17 | 0.66 | 0.05 |
| P2 | 0.14 | 0.09 | 0.03 | 0.12 | 0.01 |
| P3 | 0.19 | 0.12 | 0.04 | 0.15 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.14 | 0.09 | 0.03 | 0.12 | 0.01 |
| P5 | 0.33 | 0.21 | 0.07 | 0.26 | |
| | 0.22 | | | | 0.01 |
| P6 | 0.41 | 0.26 | 0.08 | 0.33 | 0.02 |
| P7 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| P8 | 0.05 | 0.03 | 0.01 | 0.04 | |
| | 0.02 | | | | 0.00 |
| P9 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| P10 | 0.08 | 0.05 | 0.02 | 0.07 | |
| | 0.05 | | | | 0.00 |
| P11 | 0.29 | 0.24 | 0.20 | 0.09 | 0.02 |
| P12 | 0.37 | 0.31 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.01 |
| P13 | 0.07 | 0.06 | 0.05 | 0.02 | 0.01 |
| P14 | 0.09 | 0.08 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| P15 | 0.07 | 0.08 | 0.03 | 0.05 | 0.01 |
| P16 | 0.09 | 0.10 | 0.03 | 0.06 | |
| | 0.04 | | | | 0.00 |
| P17 | 0.29 | 0.32 | 0.10 | 0.19 | 0.03 |
| P18 | 0.37 | 0.42 | 0.13 | 0.24 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.20 | 0.22 | 0.45 | 0.09 | 0.02 |
| W2 | 1.47×0.35 | 0.38 | 0.77 | 0.15 | 0.04 |
| W3 | 1.47×0.20 | 0.62 | 0.28 | 0.26 | 0.05 |
| W4 | 1.47×0.35 | 1.06 | 0.48 | 0.44 | 0.09 |
| W5 | 1.47×0.17 | 0.20 | 0.06 | 0.16 | 0.02 |
| W6 | 1.47×0.23 | 0.26 | 0.09 | 0.22 | 0.02 |
| W7 | 1.80×0.20 | 0.27 | 0.55 | 0.10 | |
| W8 | 1.80×0.35 | 0.46 | 0.94 | 0.18 | |
| W9 | 1.80×0.20 | 0.76 | 0.34 | 0.31 | |
| W10 | 1.80×0.35 | 1.30 | 0.58 | 0.54 | |
| W11 | 1.80×0.17 | 0.24 | 0.08 | 0.20 | |
| W12 | 1.80×0.23 | 0.32 | 0.10 | 0.27 | |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.35 | | | | 0.02 |
| | 0.80×0.20 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.05 |
| | 0.80×0.17 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| W13 | 1.47×0.19 | 0.10 | 0.03 | 0.28 | 0.01 |
| W14 | 1.47×0.28 | 0.14 | 0.05 | 0.42 | 0.01 |

| | | | | | |
|---|---|---|---|---|---|
| W153.20×0.19 | 0.21 | 0.07 | 0.60 | |
| W163.20×0.28 | 0.31 | 0.10 | 0.90 | |
| 2.10×0.19 | | | | 0.01 |
| 2.10×0.28 | | | | 0.02 |
| 合　計 | 9.88 | 6.27 | 7.69 | 0.63 |
| 検　定 | 0.31 | 0.14 | 0.17 | 0.31 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 1.11 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/又
X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.21 | 0.23 | 0.36 | 0.36 | 0.02 |
| W2 1.40×0.38 | 0.41 | 0.65 | 0.65 | 0.04 |
| W3 3.20×0.21 | 0.51 | 0.83 | 0.83 | |
| W4 3.20×0.38 | 0.93 | 1.49 | 1.49 | |
| 2.10×0.21 | | | | 0.04 |
| 2.10×0.38 | | | | 0.06 |
| 合　計 | 2.07 | 3.32 | 3.32 | 0.17 |
| 検　定 | 0.20 | 0.14 | 0.14 | 0.15 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>19.20 | fs<br>2.00 | Ma<br>41.82 | Qa<br>52.80 | δa<br>1.87 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X0
X3

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 5.25 | 3.99 | 3.97 | 1.28 | |
| | 5.25 | | | | 0.15 |
| P2 | 14.12 | 10.72 | 10.68 | 3.44 | 0.40 |
| W1 | 0.70×1.02 | 1.21 | 1.50 | 1.50 | 0.08 |
| W2 | 1.47×0.41 | 1.02 | 1.26 | 1.26 | 0.06 |
| W3 | 1.80×0.41 | 1.24 | 1.54 | 1.54 | |
| | 0.80×0.41 | | | | 0.03 |
| 合　計 | | 18.17 | 18.94 | 9.01 | 0.72 |
| 検　定 | | 0.43 | 0.36 | 0.17 | 0.39 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X3
又X4

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.02 | 0.30 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.35 | 0.20 | 0.44 | 0.44 | 0.00 |
| W3 | 1.80×0.35 | 0.26 | 0.57 | 0.57 | |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 0.76 | 1.66 | 1.66 | 0.01 |
| 検　定 | | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.44 | 0.23 | 0.69 | 0.69 | 0.00 |
| W2 0.70×0.93 | 0.15 | 0.44 | 0.44 | 0.00 |
| 合　計 | 0.38 | 1.13 | 1.13 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又X4
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.05 | 0.16 | 0.16 | 0.00 |
| W2 0.70×0.93 | 0.15 | 0.44 | 0.44 | 0.00 |
| W3 1.40×0.31 | 0.10 | 0.29 | 0.29 | 0.00 |
| W4 1.80×0.31 | 0.13 | 0.37 | 0.37 | |
| 0.80×0.31 | | | | 0.00 |
| 合　計 | 0.43 | 1.26 | 1.26 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>15.36 | fs<br>1.60 | Ma<br>62.21 | Qa<br>57.60 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| 合　計 | 0.38 | 1.65 | 1.65 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>15.36 | fs<br>1.60 | Ma<br>62.21 | Qa<br>57.60 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.35 | | | | 0.00 |
| 合　計 | 0.38 | 1.65 | 1.65 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 15.36 | 1.60 | 55.99 | 57.60 | 1.01 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/Y8

X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.07 | 0.06 | 0.23 | 0.00 |
| P2 | 0.37 | 0.09 | 0.07 | 0.30 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.80 | 1.41 | 1.41 | 0.01 |
| W2 | 0.70×1.86 | 0.84 | 1.48 | 1.48 | 0.01 |
| W3 | 1.40×0.35 | 0.28 | 0.52 | 0.35 | 0.00 |
| W4 | 1.40×0.23 | 0.02 | 0.01 | 0.13 | 0.00 |
| W5 | 1.80×0.35 | 0.36 | 0.67 | 0.45 | |
| W6 | 1.80×0.23 | 0.02 | 0.02 | 0.17 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.48 | 4.24 | 4.51 | 0.01 |
| 検　定 | | 0.04 | 0.07 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 15.36 | 1.60 | 55.99 | 57.60 | 0.40 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/Y8

X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.19 | 0.41 | 0.41 | 0.00 |
| P2 | 0.14 | 0.03 | 0.07 | 0.07 | 0.00 |
| P3 | 0.19 | 0.04 | 0.09 | 0.09 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.14 | 0.03 | 0.07 | 0.07 | 0.00 |
| P5 | 0.33 | 0.08 | 0.17 | 0.17 | |
| | 0.22 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.80×0.23 | 0.02 | 0.14 | 0.05 | |
| | 0.80×0.23 | | | | 0.00 |
| W5 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W6 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| | 2.10×0.23 | | | | 0.00 |
| 合　計 | | 0.72 | 2.34 | 2.41 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>15.36 | fs<br>1.60 | Ma<br>62.21 | Qa<br>57.60 | δa<br>0.31 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.07 | 0.43 | 0.43 | 0.00 |
| W2 0.70×1.86 | 0.08 | 0.45 | 0.45 | 0.00 |
| W3 1.40×0.31 | 0.03 | 0.15 | 0.15 | 0.00 |
| W4 3.20×0.31 | 0.06 | 0.34 | 0.34 | |
| 2.10×0.31 | | | | 0.00 |
| 合　計 | 0.23 | 1.36 | 1.36 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8

X7

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.39 | 0.98 | 0.98 | 0.01 |
| W2 0.70×1.86 | 0.41 | 1.03 | 1.03 | 0.01 |
| W3 1.40×0.39 | 0.17 | 0.43 | 0.43 | 0.00 |
| W4 3.20×0.39 | 0.39 | 0.99 | 0.99 | |
| 2.10×0.39 | | | | 0.00 |
| 合　計 | 1.36 | 3.43 | 3.43 | 0.02 |
| 検　定 | 0.07 | 0.11 | 0.11 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又
X9

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W4 3.20×0.35 | 0.11 | 0.50 | 0.50 | |
| 2.10×0.35 | | | | 0.00 |
| 合　計 | 0.36 | 1.57 | 1.57 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
又
X9

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y8
X9
又X9

○　モーメント図

0.27 0.19

○　たわみ図

0.27 0.19

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.00 | 0.00 | 0.26 | 0.00 |
| P2 | 0.60 | 0.00 | 0.00 | 0.60 | |
| | 0.40 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.03 | 0.29 | 0.29 | 0.00 |
| W2 | 0.70×1.86 | 0.03 | 0.30 | 0.30 | 0.00 |
| W3 | 1.40×0.17 | 0.01 | 0.05 | 0.05 | 0.00 |
| W4 | 3.20×0.17 | 0.01 | 0.12 | 0.12 | |
| | 2.10×0.17 | | | | 0.00 |
| 合　計 | | 0.09 | 0.76 | 1.63 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.08 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
X0
又X0

○　モーメント図

0.08 0.19

○　たわみ図

0.08 0.19

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.74 | 0.01 | 0.10 | 0.10 | 0.00 |
| W2 | 0.70×1.86 | 0.02 | 0.24 | 0.24 | 0.00 |
| 合　計 | | 0.03 | 0.34 | 0.34 | 0.00 |
| 検　定 | | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.74 | 0.08 | 0.29 | 0.29 | 0.00 |
| W2 0.70×1.86 | 0.20 | 0.73 | 0.73 | 0.00 |
| 合　計 | 0.29 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>1.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X1
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.50 | 0.28 | 0.16 | 0.33 | 0.00 |
| P2 0.88 | 0.50 | 0.29 | 0.59 | 0.01 |
| P3 0.24 | 0.14 | 0.08 | 0.16 | 0.00 |
| P4 0.43 | 0.24 | 0.14 | 0.29 | 0.00 |
| W1 0.70×0.74 | 0.43 | 0.69 | 0.69 | 0.01 |
| W2 0.70×1.86 | 1.10 | 1.76 | 1.76 | 0.02 |
| 合　計 | 2.70 | 3.12 | 3.83 | 0.05 |
| 検　定 | 0.08 | 0.07 | 0.09 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.41 |
| | | | 断面欠損無 | | | | | | | | |

1/Y9
X3
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.09 | 0.40 | 0.40 | 0.01 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 33.45 | 42.24 | 0.41 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/Y9
X3
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.41 | 0.03 | 0.13 | 0.13 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.10 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.41 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.41 | 0.03 | 0.13 | 0.13 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.10 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.41 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
又X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.09 | 0.40 | 0.40 | 0.01 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y10
XO
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>60.96 | Qa<br>67.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/XO
YO
又YO

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.59 | 0.36 | 0.79 | 0.79 | 0.00 |
| P2 | 0.67 | 0.15 | 0.33 | 0.33 | 0.00 |
| P3 | 0.86 | 0.19 | 0.43 | 0.43 | |
| | 0.38 | | | | 0.00 |
| P4 | 4.38 | 1.00 | 2.19 | 2.19 | 0.00 |
| P5 | 0.79 | 0.18 | 0.40 | 0.40 | |
| | 0.79 | | | | 0.00 |
| P6 | 2.62 | 0.60 | 1.31 | 1.31 | |
| | 2.62 | | | | 0.00 |
| P7 | 0.97 | 0.22 | 0.48 | 0.48 | |
| | 0.97 | | | | 0.00 |
| W1 | 0.46×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 | 0.70×0.03 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 2.77 | 6.25 | 6.25 | 0.00 |
| 検　定 | | 0.05 | 0.09 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0<br>断面欠損無 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |

1/XO
YO
又YO

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材<br>係数 | 10500<br>0.96 | 12.0×42.0 | 504.0<br>断面欠損有 | 74088<br>×0.90 | 3528<br>×0.90 | 19.20 | 2.00 | 60.96 | 67.20 | 0.40 |

1/XO
又YO
又Y1

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.39 | 0.21 | 1.10 | 0.29 | |
| | 1.39 | | | | 0.00 |
| P2 | 9.37 | 1.41 | 7.41 | 1.96 | 0.00 |
| P3 | 0.55 | 0.08 | 0.43 | 0.11 | 0.00 |
| P4 | 0.14 | 0.02 | 0.11 | 0.03 | 0.00 |
| P5 | 0.18 | 0.03 | 0.14 | 0.04 | |
| | 0.08 | | | | 0.00 |
| W1 | 0.46×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 | 0.70×0.05 | 0.00 | 0.01 | 0.00 | 0.00 |
| W3 | 0.70×0.93 | 0.01 | 0.11 | 0.01 | 0.00 |
| W4 | 0.70×1.77 | 0.06 | 0.35 | 0.54 | 0.00 |
| W5 | 0.70×0.93 | 0.03 | 0.18 | 0.28 | 0.00 |
| W6 | 1.40×0.18 | 0.01 | 0.07 | 0.11 | 0.00 |
| W7 | 1.80×0.18 | 0.02 | 0.09 | 0.14 | |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 1.89 | 10.02 | 3.51 | 0.00 |
| 検　定 | | 0.03 | 0.15 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0<br>断面欠損無 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |

1/X0
又Y0
又Y1

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.01 | 0.11 | 0.01 | 0.00 |
| W2 | 0.70×0.93 | 0.06 | 0.18 | 0.28 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 48.77 | 53.76 | 0.61 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X0
又Y1
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.77 | 0.84 | 1.85 | 0.92 | 0.00 |
| P2 | 3.40 | 1.03 | 2.27 | 1.13 | |
| | 1.51 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W4 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.52 | 6.20 | 4.26 | 0.00 |
| 検　定 | | 0.05 | 0.12 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 3.64 | 1.66 | 1.82 | 1.82 | 0.01 |
| P2 4.47 | 2.03 | 2.24 | 2.24 | |
| 1.99 | | | | 0.00 |
| W1 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.00 |
| W3 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W4 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W5 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W6 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 5.04 | 7.03 | 7.03 | 0.02 |
| 検　定 | 0.10 | 0.13 | 0.13 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>35.83 | Qa<br>46.08 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.66 | 1.82 | 1.82 | 0.01 |
| P2 | 4.47 | 2.03 | 2.24 | 2.24 | |
| | 1.99 | | | | 0.01 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W6 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 5.04 | 7.03 | 7.03 | 0.03 |
| 検　定 | | 0.14 | 0.15 | 0.15 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y3
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.35 | 0.15 | 0.24 | 0.11 | 0.00 |
| P2 | 3.81 | 1.58 | 2.66 | 1.16 | |
| | 3.81 | | | | 0.02 |
| P3 | 2.50 | 1.36 | 1.50 | 1.00 | 0.02 |
| P4 | 3.08 | 1.68 | 1.85 | 1.23 | |
| | 1.37 | | | | 0.01 |
| P5 | 1.91 | 0.35 | 0.38 | 1.53 | 0.01 |
| P6 | 2.35 | 0.43 | 0.47 | 1.88 | |
| | 1.05 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.77 | 1.41 | 1.41 | 0.01 |
| W2 | 0.70×1.86 | 0.81 | 1.48 | 1.48 | 0.01 |
| W3 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.08 | 0.23 | 0.06 | 0.00 |
| W5 | 1.40×0.23 | 0.11 | 0.12 | 0.17 | 0.00 |
| W6 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| W7 | 1.80×0.23 | 0.10 | 0.30 | 0.07 | |
| W8 | 1.80×0.23 | 0.14 | 0.15 | 0.22 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 7.55 | 10.79 | 10.47 | 0.09 |
| 検　定 | | 0.25 | 0.26 | 0.25 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.22 | 0.74 | 0.74 | 0.00 |
| W2 0.70×0.93 | 0.12 | 0.39 | 0.39 | 0.00 |
| W3 1.40×0.28 | 0.07 | 0.23 | 0.23 | 0.00 |
| W4 1.80×0.28 | 0.09 | 0.30 | 0.30 | |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.50 | 1.67 | 1.67 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.12 | 0.39 | 0.39 | 0.00 |
| 合　計 | 0.12 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.07 | 0.18 | 0.18 | 0.00 |
| W2 0.70×0.93 | 0.19 | 0.50 | 0.50 | 0.00 |
| W3 1.40×0.16 | 0.02 | 0.11 | 0.03 | 0.00 |
| W4 1.40×0.23 | 0.06 | 0.09 | 0.20 | 0.00 |
| W5 1.80×0.16 | 0.02 | 0.14 | 0.04 | |
| W6 1.80×0.23 | 0.08 | 0.11 | 0.26 | |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.45 | 1.12 | 1.20 | 0.01 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.09 | 0.15 | 0.11 | 0.00 |
| P2 | 0.33 | 0.12 | 0.20 | 0.14 | |
| | 0.15 | | | | 0.00 |
| W1 | 0.70×1.44 | 0.29 | 0.77 | 0.77 | 0.01 |
| W2 | 0.70×0.93 | 0.18 | 0.50 | 0.50 | 0.00 |
| 合　計 | | 0.69 | 1.62 | 1.51 | 0.01 |
| 検　定 | | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.44 | 0.10 | 0.46 | 0.46 | 0.00 |
| W2 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.17 | 0.75 | 0.75 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.73 | 0.73 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.10 | 0.21 | 0.21 | 0.01 |
| W2 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.03 |
| W3 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.02 |
| W4 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.81 | 1.77 | 1.77 | 0.07 |
| 検　定 | 0.11 | 0.09 | 0.09 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.60 | 0.27 | 0.30 | 0.30 | 0.01 |
| P2 | 6.85 | 3.12 | 3.43 | 3.43 | |
| | 5.51 | | | | 0.05 |
| W1 | 0.70×1.44 | 0.42 | 0.92 | 0.92 | 0.01 |
| W2 | 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.01 |
| 合　計 | | 4.08 | 5.23 | 5.23 | 0.07 |
| 検　定 | | 0.22 | 0.17 | 0.17 | 0.09 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.44 | 0.10 | 0.46 | 0.46 | 0.00 |
| W2 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.17 | 0.75 | 0.75 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.17 | 0.73 | 0.73 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0

Y6

Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.33 | 0.10 | 0.21 | 0.21 | 0.01 |
| W2 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.03 |
| W3 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.02 |
| W4 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| 0.80×0.34 | | | | 0.01 |
| 合　計 | 0.81 | 1.77 | 1.77 | 0.07 |
| 検　定 | 0.11 | 0.09 | 0.09 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y6
Y7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.44 | 0.42 | 0.92 | 0.92 | 0.01 |
| W2 | 0.70×0.93 | 0.27 | 0.59 | 0.59 | 0.01 |
| 合　計 | | 0.69 | 1.51 | 1.51 | 0.02 |
| 検　定 | | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y7
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.92 | 0.58 | 0.64 | 1.28 | 0.00 |
| P2 | 2.35 | 0.71 | 0.78 | 1.57 | |
| | 1.05 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.19 | 0.10 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W5 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| W6 | 1.80×0.12 | 0.01 | 0.02 | 0.08 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 1.95 | 3.63 | 4.94 | 0.01 |
| 検　定 | | 0.06 | 0.09 | 0.12 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>37.64 | Qa<br>52.80 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
又
Y9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.88 | 0.57 | 0.63 | 1.26 | |
| | 1.88 | | | | 0.00 |
| P2 | 2.06 | 0.63 | 0.69 | 1.38 | 0.00 |
| P3 | 1.50 | 0.45 | 0.50 | 1.00 | 0.00 |
| P4 | 1.26 | 0.38 | 0.42 | 0.84 | 0.00 |
| P5 | 1.54 | 0.47 | 0.51 | 1.03 | |
| | 0.68 | | | | 0.00 |
| P6 | 3.97 | 1.21 | 1.32 | 2.65 | |
| | 3.97 | | | | 0.01 |
| W1 | 0.46×0.06 | 0.00 | 0.00 | 0.01 | 0.00 |
| W2 | 0.70×0.75 | 0.04 | 0.04 | 0.20 | 0.00 |
| W3 | 0.70×1.86 | 0.09 | 0.10 | 0.49 | 0.00 |
| W4 | 0.70×1.77 | 0.17 | 0.75 | 0.38 | 0.00 |
| W5 | 0.70×1.86 | 0.18 | 0.79 | 0.39 | 0.00 |
| W6 | 1.40×0.23 | 0.04 | 0.19 | 0.10 | 0.00 |
| W7 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 4.28 | 6.19 | 9.83 | 0.02 |
| 検　定 | | 0.11 | 0.12 | 0.19 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y9

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.46×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 | 0.30×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| 合　計 | | 0.00 | 0.02 | 0.02 | 0.00 |
| 検　定 | | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X0
Y10

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| W2 0.30×0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| 合　計 | 0.00 | 0.02 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1
Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.06 | 0.19 | 0.19 | 0.00 |
| W2 1.40×0.28 | 0.07 | 0.23 | 0.23 | 0.00 |
| W3 1.80×0.23 | 0.07 | 0.24 | 0.24 | |
| W4 1.80×0.28 | 0.09 | 0.30 | 0.30 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.29 | 0.97 | 0.97 | 0.01 |
| 検　定 | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.68 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.09 | 0.15 | 0.11 | 0.00 |
| P2 | 0.33 | 0.12 | 0.20 | 0.14 | |
| | 0.15 | | | | 0.00 |
| P3 | 0.19 | 0.07 | 0.11 | 0.08 | 0.00 |
| P4 | 1.57 | 0.57 | 0.93 | 0.64 | 0.00 |
| P5 | 2.02 | 0.73 | 1.20 | 0.82 | |
| | 0.90 | | | | 0.00 |
| W1 | 1.40×0.16 | 0.02 | 0.11 | 0.03 | 0.00 |
| W2 | 1.40×0.16 | 0.02 | 0.11 | 0.03 | 0.00 |
| W3 | 1.40×0.23 | 0.05 | 0.09 | 0.20 | 0.00 |
| W4 | 1.40×0.23 | 0.05 | 0.09 | 0.20 | 0.00 |
| W5 | 1.80×0.16 | 0.03 | 0.14 | 0.04 | |
| W6 | 1.80×0.16 | 0.03 | 0.14 | 0.04 | |
| W7 | 1.80×0.23 | 0.07 | 0.11 | 0.26 | |
| W8 | 1.80×0.23 | 0.07 | 0.11 | 0.26 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 1.94 | 3.49 | 2.83 | 0.01 |
| 検　定 | | 0.08 | 0.09 | 0.07 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.83 | 0.83 | 0.92 | 0.92 | 0.02 |
| P2 | 2.36 | 1.07 | 1.18 | 1.18 | |
| | 1.05 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W2 | 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.01 |
| W3 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W4 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W5 | 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| W6 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.34 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 2.65 | 3.73 | 3.73 | 0.04 |
| 検　定 | | 0.16 | 0.12 | 0.12 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y6

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X1

Y6

Y7

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.83 | 0.83 | 0.92 | 0.92 | 0.02 |
| P2 | 2.36 | 1.07 | 1.18 | 1.18 | |
| | 1.05 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.07 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W3 | 1.40×0.34 | 0.19 | 0.43 | 0.43 | 0.01 |
| W4 | 1.80×0.23 | 0.08 | 0.09 | 0.28 | |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W6 | 1.80×0.34 | 0.25 | 0.55 | 0.55 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.34 | | | | 0.00 |
| 合　計 | | 2.65 | 3.73 | 3.73 | 0.04 |
| 検　定 | | 0.16 | 0.12 | 0.12 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>18.43 | Qa<br>38.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X1
又Y0
又Y1

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.78 | 0.61 | 0.94 | 0.84 | |
| | 1.78 | | | | 0.01 |
| P2 | 18.39 | 6.26 | 9.70 | 8.69 | 0.08 |
| P3 | 0.63 | 0.21 | 0.33 | 0.30 | 0.00 |
| P4 | 0.17 | 0.06 | 0.09 | 0.08 | 0.00 |
| P5 | 0.22 | 0.08 | 0.12 | 0.10 | |
| | 0.10 | | | | 0.00 |
| P6 | 0.55 | 0.19 | 0.29 | 0.26 | 0.00 |
| P7 | 0.14 | 0.05 | 0.07 | 0.07 | 0.00 |
| P8 | 0.18 | 0.06 | 0.09 | 0.08 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W2 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W3 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| W4 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 7.64 | 11.85 | 11.03 | 0.10 |
| 検　定 | | 0.41 | 0.31 | 0.29 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X1
Y4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.06 | 0.19 | 0.19 | 0.00 |
| W2 | 1.40×0.29 | 0.07 | 0.24 | 0.24 | 0.00 |
| W3 | 1.80×0.23 | 0.07 | 0.24 | 0.24 | |
| W4 | 1.80×0.29 | 0.09 | 0.31 | 0.31 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.29 | | | | 0.00 |
| 合　計 | | 0.29 | 0.97 | 0.97 | 0.01 |
| 検　定 | | 0.04 | 0.05 | 0.05 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>33.45 | Qa<br>52.80 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又Y0
又Y1

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.42 | 2.52 | 3.91 | 3.50 | |
| | 7.42 | | | | 0.01 |
| P2 | 27.76 | 9.44 | 14.64 | 13.12 | 0.05 |
| P3 | 1.64 | 0.56 | 0.86 | 0.77 | 0.00 |
| P4 | 0.60 | 0.20 | 0.32 | 0.28 | 0.00 |
| P5 | 0.77 | 0.26 | 0.41 | 0.36 | |
| | 0.34 | | | | 0.00 |
| P6 | 0.63 | 0.21 | 0.33 | 0.30 | 0.00 |
| P7 | 0.17 | 0.06 | 0.09 | 0.08 | 0.00 |
| P8 | 0.22 | 0.08 | 0.12 | 0.10 | |
| | 0.10 | | | | 0.00 |
| W1 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W2 | 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W3 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| W4 | 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 13.48 | 20.90 | 19.14 | 0.07 |
| 検　定 | | 0.40 | 0.40 | 0.36 | 0.11 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.20 |
| | | | 断面欠損無 | | | | | | | | |

1/又

Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.53 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又

Y4

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.29 | 0.07 | 0.24 | 0.24 | 0.00 |
| W2 1.40×0.29 | 0.07 | 0.24 | 0.24 | 0.00 |
| W3 1.80×0.29 | 0.09 | 0.31 | 0.31 | |
| W4 1.80×0.29 | 0.09 | 0.31 | 0.31 | |
| 0.80×0.29 | | | | 0.00 |
| 0.80×0.29 | | | | 0.00 |
| 合　計 | 0.32 | 1.09 | 1.09 | 0.01 |
| 検　定 | 0.04 | 0.06 | 0.06 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
YO
又YO

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又Y1
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
又
Ｙ２

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2
Y4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.11 | 0.15 | 0.26 | 0.00 |
| P2 | 2.51 | 0.69 | 0.94 | 1.57 | |
| | 1.81 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.06 | 0.08 | 0.33 | 0.00 |
| W2 | 1.40×0.35 | 0.02 | 0.03 | 0.08 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W4 | 1.80×0.35 | 0.03 | 0.04 | 0.10 | |
| W5 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W6 | 1.40×0.19 | 0.03 | 0.14 | 0.06 | 0.00 |
| W7 | 1.40×0.27 | 0.03 | 0.07 | 0.07 | 0.00 |
| W8 | 1.40×0.23 | 0.02 | 0.03 | 0.12 | 0.00 |
| W9 | 1.40×0.32 | 0.05 | 0.23 | 0.10 | 0.00 |
| W10 | 1.80×0.19 | 0.04 | 0.17 | 0.08 | |
| W11 | 1.80×0.27 | 0.04 | 0.10 | 0.08 | |
| W12 | 1.80×0.23 | 0.02 | 0.03 | 0.15 | |
| W13 | 1.80×0.32 | 0.06 | 0.29 | 0.13 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.32 | | | | 0.00 |
| 合　計 | | 1.22 | 2.34 | 3.26 | 0.01 |
| 検　定 | | 0.07 | 0.08 | 0.11 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| W4 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.09 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X2

Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y3
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.50 | 0.95 | 1.05 | 1.45 | 0.01 |
| P2 | 3.08 | 1.18 | 1.29 | 1.78 | |
| | 1.37 | | | | 0.00 |
| P3 | 1.75 | 0.67 | 0.74 | 1.02 | 0.00 |
| P4 | 2.25 | 0.86 | 0.95 | 1.31 | |
| | 1.00 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.28 | 0.74 | 0.74 | 0.00 |
| W2 | 0.54×1.67 | 0.27 | 0.71 | 0.71 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W4 | 1.40×0.27 | 0.05 | 0.05 | 0.19 | 0.00 |
| W5 | 1.80×0.23 | 0.07 | 0.26 | 0.11 | |
| W6 | 1.80×0.27 | 0.06 | 0.07 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| W7 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W8 | 1.40×0.27 | 0.05 | 0.05 | 0.19 | 0.00 |
| W9 | 1.80×0.23 | 0.07 | 0.26 | 0.11 | |
| W10 | 1.80×0.27 | 0.06 | 0.07 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 4.69 | 6.65 | 8.27 | 0.02 |
| 検　定 | | 0.15 | 0.14 | 0.18 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 31.85 | 46.08 | 0.31 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X3
又
Y4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.91 | 0.29 | 1.23 | 0.68 | 0.00 |
| P2 | 2.35 | 0.36 | 1.52 | 0.83 | |
| | 1.05 | | | | 0.00 |
| P3 | 1.35 | 0.21 | 0.87 | 0.48 | 0.00 |
| P4 | 1.74 | 0.27 | 1.12 | 0.62 | |
| | 0.77 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.06 | 0.33 | 0.33 | 0.00 |
| W2 | 0.54×1.67 | 0.05 | 0.32 | 0.32 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W4 | 1.40×0.13 | 0.00 | 0.04 | 0.01 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.03 | 0.06 | |
| W6 | 1.80×0.13 | 0.00 | 0.05 | 0.01 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| W7 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W8 | 1.40×0.13 | 0.00 | 0.04 | 0.01 | 0.00 |
| W9 | 1.80×0.12 | 0.01 | 0.03 | 0.06 | |
| W10 | 1.80×0.13 | 0.00 | 0.05 | 0.01 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 1.28 | 5.67 | 3.52 | 0.00 |
| 検　定 | | 0.04 | 0.12 | 0.08 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y4
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.08 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.08 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y4
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.41 | 0.11 | 0.15 | 0.26 | 0.00 |
| P2 | 1.00 | 0.27 | 0.37 | 0.62 | 0.00 |
| P3 | 4.15 | 1.13 | 1.56 | 2.60 | |
| | 3.22 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.08 | 0.28 | 0.28 | 0.00 |
| W2 | 0.54×1.67 | 0.06 | 0.08 | 0.33 | 0.00 |
| W3 | 0.54×1.67 | 0.10 | 0.47 | 0.21 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W5 | 1.40×0.35 | 0.02 | 0.03 | 0.08 | 0.00 |
| W6 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W7 | 1.80×0.35 | 0.03 | 0.04 | 0.10 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| W8 | 1.40×0.44 | 0.03 | 0.04 | 0.10 | 0.00 |
| W9 | 1.40×0.12 | 0.01 | 0.01 | 0.06 | 0.00 |
| W10 | 1.80×0.44 | 0.04 | 0.05 | 0.13 | |
| W11 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W12 | 1.40×0.27 | 0.03 | 0.07 | 0.07 | 0.00 |
| W13 | 1.40×0.19 | 0.03 | 0.14 | 0.06 | 0.00 |
| W14 | 1.80×0.27 | 0.04 | 0.10 | 0.08 | |
| W15 | 1.80×0.19 | 0.04 | 0.17 | 0.08 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| W16 | 1.40×0.19 | 0.03 | 0.14 | 0.06 | 0.00 |
| W17 | 1.40×0.37 | 0.04 | 0.10 | 0.09 | 0.00 |
| W18 | 1.80×0.19 | 0.04 | 0.17 | 0.08 | |
| W19 | 1.80×0.37 | 0.05 | 0.13 | 0.12 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| 合　計 | | 2.21 | 4.15 | 5.61 | 0.00 |
| 検　定 | | 0.06 | 0.09 | 0.12 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.89 | B×D<br>15.0×80.0 | Ae<br>1200.0<br>断面欠損有 | I<br>640000<br>×0.80 | Z<br>16000<br>×0.80 | fb<br>19.58 | fs<br>2.00 | Ma<br>250.62 | Qa<br>160.00 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 9.50 | 13.07 | 4.10 | 5.39 | |
| | 6.30 | | | | 0.06 |
| P2 | 7.39 | 5.93 | 5.70 | 1.69 | |
| | 5.67 | | | | 0.04 |
| P3 | 11.48 | 8.35 | 2.62 | 8.86 | |
| | 7.81 | | | | 0.05 |
| P4 | 28.22 | 20.53 | 6.45 | 21.78 | 0.18 |
| P5 | 0.28 | 0.38 | 0.12 | 0.16 | 0.00 |
| P6 | 0.36 | 0.49 | 0.16 | 0.20 | |
| | 0.16 | | | | 0.00 |
| P7 | 0.50 | 0.16 | 0.46 | 0.05 | 0.00 |
| P8 | 1.57 | 0.51 | 1.43 | 0.15 | 0.00 |
| P9 | 2.02 | 0.66 | 1.83 | 0.19 | |
| | 0.90 | | | | 0.00 |
| P10 | 1.83 | 0.54 | 0.17 | 1.66 | 0.01 |
| P11 | 2.36 | 0.69 | 0.22 | 2.14 | |
| | 1.05 | | | | 0.00 |
| P12 | 1.83 | 2.12 | 0.67 | 1.16 | 0.02 |
| P13 | 2.36 | 2.73 | 0.86 | 1.50 | |
| | 1.05 | | | | 0.01 |
| P14 | 1.83 | 1.33 | 0.42 | 1.41 | 0.01 |
| P15 | 2.36 | 1.71 | 0.54 | 1.82 | |
| | 1.05 | | | | 0.01 |
| P16 | 1.83 | 2.92 | 0.92 | 0.92 | 0.02 |
| P17 | 2.36 | 3.75 | 1.18 | 1.18 | |
| | 1.05 | | | | 0.01 |
| P18 | 1.09 | 1.40 | 0.69 | 0.40 | 0.01 |
| P19 | 1.83 | 2.34 | 1.16 | 0.67 | 0.02 |
| P20 | 2.36 | 3.01 | 1.50 | 0.86 | |
| | 1.05 | | | | 0.01 |
| P21 | 0.03 | 0.04 | 0.02 | 0.01 | |
| | 0.03 | | | | 0.00 |
| P22 | 1.93 | 2.48 | 1.23 | 0.70 | |
| | 1.62 | | | | 0.01 |
| P23 | 1.88 | 2.40 | 1.19 | 0.68 | |
| | 1.40 | | | | 0.01 |
| P24 | 1.31 | 1.05 | 1.01 | 0.30 | 0.01 |
| P25 | 1.83 | 1.47 | 1.41 | 0.42 | 0.01 |
| P26 | 2.36 | 1.89 | 1.82 | 0.54 | |
| | 1.05 | | | | 0.01 |
| P27 | 5.49 | 4.40 | 4.23 | 1.25 | |
| | 4.17 | | | | 0.03 |
| P28 | 1.71 | 0.56 | 1.56 | 0.16 | 0.00 |
| P29 | 2.38 | 0.78 | 2.16 | 0.22 | 0.01 |
| P30 | 3.07 | 1.00 | 2.78 | 0.28 | |
| | 1.36 | | | | 0.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | P31 | 3.97 | 1.29 | 3.60 | 0.37 |
| | | | 3.30 | | | 0.01 |
| | | P32 | 0.23 | 0.07 | 0.21 | 0.02 |
| | | | 0.14 | | | 0.00 |
| | | P33 | 0.37 | 0.12 | 0.34 | 0.03 |
| | | | 0.24 | | | 0.00 |
| | | P34 | 1.36 | 1.09 | 1.05 | 0.31 | 0.01 |
| | | P35 | 1.75 | 1.41 | 1.35 | 0.40 | 0.01 |
| | | P36 | 2.25 | 1.81 | 1.74 | 0.51 |
| | | | 1.00 | | | 0.01 |
| | | P37 | 2.04 | 1.64 | 1.57 | 0.47 |
| | | | 1.60 | | | 0.01 |
| | | P38 | 0.37 | 0.30 | 0.29 | 0.09 |
| | | | 0.24 | | | 0.00 |
| | | P39 | 0.54 | 0.69 | 0.34 | 0.20 | 0.00 |
| | | P40 | 1.75 | 2.24 | 1.11 | 0.64 | 0.02 |
| | | P41 | 2.25 | 2.88 | 1.43 | 0.82 |
| | | | 1.00 | | | 0.01 |
| | | P42 | 0.64 | 0.82 | 0.41 | 0.23 |
| | | | 0.40 | | | 0.00 |
| | | P43 | 3.86 | 4.94 | 2.46 | 1.41 |
| | | | 3.34 | | | 0.03 |
| | | P44 | 1.16 | 1.84 | 0.58 | 0.58 | 0.01 |
| | | P45 | 1.69 | 2.68 | 0.84 | 0.84 | 0.02 |
| | | P46 | 2.17 | 3.45 | 1.08 | 1.08 |
| | | | 0.96 | | | 0.01 |
| | | P47 | 2.61 | 4.16 | 1.31 | 1.31 |
| | | | 2.02 | | | 0.02 |
| | | P48 | 0.35 | 0.56 | 0.18 | 0.18 |
| | | | 0.27 | | | 0.00 |
| | | P49 | 0.81 | 0.94 | 0.29 | 0.51 | 0.01 |
| | | P50 | 1.66 | 1.93 | 0.61 | 1.06 | 0.02 |
| | | P51 | 2.14 | 2.48 | 0.78 | 1.36 |
| | | | 0.95 | | | 0.01 |
| | | P52 | 0.35 | 0.41 | 0.13 | 0.23 |
| | | | 0.27 | | | 0.00 |
| | | P53 | 1.98 | 1.44 | 0.45 | 1.53 | 0.01 |
| | | P54 | 1.73 | 1.26 | 0.39 | 1.33 | 0.01 |
| | | P55 | 2.22 | 1.62 | 0.51 | 1.72 |
| | | | 0.99 | | | 0.01 |
| | | P56 | 5.72 | 4.16 | 1.31 | 4.42 |
| | | | 5.15 | | | 0.03 |
| | | P57 | 1.75 | 0.52 | 0.16 | 1.59 | 0.00 |
| | | P58 | 2.25 | 0.66 | 0.21 | 2.04 |
| | | | 1.00 | | | 0.00 |
| | | W1 | 0.54×1.76 | 5.30 | 3.17 | 3.17 | 0.04 |
| | | W2 | 0.54×1.67 | 0.50 | 0.16 | 1.22 | 0.00 |
| | | W3 | 0.54×1.67 | 0.55 | 1.22 | 0.16 | 0.00 |
| | | W4 | 1.55×0.27 | 0.04 | 0.01 | 0.24 | 0.00 |
| | | W5 | 1.55×0.23 | 0.48 | 0.18 | 0.14 | 0.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | W6 1.55×0.23 | 0.44 | 0.14 | 0.18 | 0.00 |
| | | W7 1.55×0.23 | 0.30 | 0.10 | 0.23 | 0.00 |
| | | W8 1.55×0.23 | 0.16 | 0.05 | 0.27 | 0.00 |
| | | W9 1.55×0.12 | 0.10 | 0.03 | 0.05 | 0.00 |
| | | W101.55×0.23 | 0.30 | 0.10 | 0.23 | 0.00 |
| | | W111.55×0.23 | 0.48 | 0.18 | 0.14 | 0.00 |
| | | W121.55×0.12 | 0.12 | 0.04 | 0.04 | 0.00 |
| | | W131.55×0.23 | 0.33 | 0.23 | 0.10 | 0.00 |
| | | W141.55×0.23 | 0.33 | 0.23 | 0.10 | 0.00 |
| | | W151.80×0.27 | 0.04 | 0.01 | 0.28 | |
| | | W161.80×0.23 | 0.56 | 0.21 | 0.16 | |
| | | W171.80×0.23 | 0.51 | 0.16 | 0.21 | |
| | | W181.80×0.23 | 0.35 | 0.11 | 0.26 | |
| | | W191.80×0.23 | 0.19 | 0.06 | 0.31 | |
| | | W201.80×0.12 | 0.12 | 0.04 | 0.06 | |
| | | W211.80×0.23 | 0.35 | 0.11 | 0.26 | |
| | | W221.80×0.23 | 0.56 | 0.21 | 0.16 | |
| | | W231.80×0.12 | 0.14 | 0.04 | 0.05 | |
| | | W241.80×0.23 | 0.39 | 0.26 | 0.11 | |
| | | W251.80×0.23 | 0.39 | 0.26 | 0.11 | |
| | | 0.80×0.27 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.12 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.12 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W261.55×0.27 | 0.04 | 0.01 | 0.24 | 0.00 |
| | | W271.55×0.23 | 0.16 | 0.05 | 0.27 | 0.00 |
| | | W281.80×0.27 | 0.04 | 0.01 | 0.28 | |
| | | W291.80×0.23 | 0.19 | 0.06 | 0.31 | |
| | | 0.80×0.27 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W301.55×0.16 | 0.02 | 0.14 | 0.01 | 0.00 |
| | | W311.55×0.23 | 0.18 | 0.27 | 0.05 | 0.00 |
| | | W321.80×0.16 | 0.03 | 0.17 | 0.01 | |
| | | W331.80×0.23 | 0.21 | 0.31 | 0.06 | |
| | | 0.80×0.16 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W341.55×0.16 | 0.02 | 0.14 | 0.01 | 0.00 |
| | | W351.55×0.23 | 0.18 | 0.27 | 0.05 | 0.00 |
| | | W361.80×0.16 | 0.03 | 0.17 | 0.01 | |
| | | W371.80×0.23 | 0.21 | 0.31 | 0.06 | |
| | | 0.80×0.16 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 合　計 | 150.50 | 82.55 | 91.59 | 0.94 |
| 検　定 | 0.60 | 0.52 | 0.57 | 0.47 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 33.45 | 42.24 | 0.13 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/X3
又
Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.14 | 0.14 | 0.00 |
| W2 0.54×1.67 | 0.01 | 0.13 | 0.13 | 0.00 |
| W3 1.40×0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| W4 1.80×0.15 | 0.00 | 0.04 | 0.04 | |
| 0.80×0.15 | | | | 0.00 |
| W5 1.40×0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| W6 1.80×0.15 | 0.00 | 0.04 | 0.04 | |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 0.03 | 0.40 | 0.40 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y7
Y8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.03 | 0.58 | 0.49 | 0.54 | |
| | 1.03 | | | | 0.01 |
| P2 | 1.92 | 0.91 | 0.77 | 1.15 | 0.01 |
| P3 | 2.35 | 1.11 | 0.94 | 1.41 | |
| | 1.05 | | | | 0.01 |
| P4 | 1.35 | 0.64 | 0.54 | 0.81 | 0.01 |
| P5 | 1.74 | 0.82 | 0.69 | 1.04 | |
| | 0.77 | | | | 0.01 |
| P6 | 1.92 | 0.84 | 1.15 | 0.77 | 0.01 |
| P7 | 2.35 | 1.03 | 1.41 | 0.94 | |
| | 1.05 | | | | 0.01 |
| P8 | 1.35 | 0.59 | 0.81 | 0.54 | 0.01 |
| P9 | 1.74 | 0.76 | 1.04 | 0.69 | |
| | 0.77 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.61 | 1.08 | 1.08 | 0.01 |
| W2 | 0.54×1.67 | 0.31 | 0.79 | 0.28 | 0.01 |
| W3 | 0.54×1.67 | 0.28 | 0.23 | 0.75 | 0.00 |
| W4 | 1.40×0.23 | 0.06 | 0.23 | 0.06 | 0.00 |
| W5 | 1.40×0.12 | 0.04 | 0.04 | 0.04 | 0.00 |
| W6 | 1.40×0.23 | 0.07 | 0.06 | 0.23 | 0.00 |
| W7 | 1.80×0.23 | 0.08 | 0.30 | 0.07 | |
| W8 | 1.80×0.12 | 0.05 | 0.05 | 0.05 | |
| W9 | 1.80×0.23 | 0.09 | 0.07 | 0.30 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W10 | 1.40×0.12 | 0.04 | 0.04 | 0.04 | 0.00 |
| W11 | 1.40×0.23 | 0.07 | 0.06 | 0.23 | 0.00 |
| W12 | 1.40×0.23 | 0.06 | 0.23 | 0.06 | 0.00 |
| W13 | 1.80×0.12 | 0.05 | 0.05 | 0.05 | |
| W14 | 1.80×0.23 | 0.09 | 0.07 | 0.30 | |
| W15 | 1.80×0.23 | 0.08 | 0.30 | 0.07 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 9.25 | 11.44 | 11.49 | 0.12 |
| 検　定 | | 0.35 | 0.27 | 0.27 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X3
Y8
Y9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.02 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損有 | I<br>19683<br>×0.80 | Z<br>1458<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.66 | Qa<br>34.56 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X3
又Y0
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 2.96 | 1.01 | 1.56 | 1.40 | 0.01 |
| P2 8.84 | 3.01 | 4.66 | 4.18 | |
| 8.84 | | | | 0.03 |
| P3 0.74 | 0.25 | 0.39 | 0.35 | 0.00 |
| P4 0.22 | 0.07 | 0.12 | 0.10 | 0.00 |
| P5 0.28 | 0.10 | 0.15 | 0.13 | |
| 0.13 | | | | 0.00 |
| P6 1.64 | 0.56 | 0.86 | 0.77 | 0.01 |
| P7 0.60 | 0.20 | 0.32 | 0.28 | 0.00 |
| P8 0.77 | 0.26 | 0.41 | 0.36 | |
| 0.34 | | | | 0.00 |
| W1 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W2 1.40×0.18 | 0.03 | 0.05 | 0.13 | 0.00 |
| W3 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| W4 1.80×0.18 | 0.04 | 0.06 | 0.17 | |
| 0.80×0.18 | | | | 0.00 |
| 0.80×0.18 | | | | 0.00 |
| 合　計 | 5.60 | 8.68 | 8.19 | 0.05 |
| 検　定 | 0.30 | 0.25 | 0.24 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>8.29 | Qa<br>23.04 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.16 | 0.18 | 0.35 | 0.01 |
| P2 | 1.00 | 0.37 | 0.59 | 0.41 | 0.02 |
| P3 | 1.52 | 0.00 | 1.52 | 0.00 | 0.00 |
| P4 | 6.74 | 0.00 | 6.74 | 0.00 | |
| | 5.86 | | | | 0.00 |
| P5 | 0.31 | 0.10 | 0.11 | 0.21 | 0.01 |
| P6 | 0.40 | 0.12 | 0.14 | 0.26 | |
| | 0.18 | | | | 0.00 |
| P7 | 0.42 | 0.19 | 0.21 | 0.21 | 0.01 |
| P8 | 0.38 | 0.17 | 0.19 | 0.19 | 0.01 |
| P9 | 0.49 | 0.22 | 0.24 | 0.24 | |
| | 0.22 | | | | 0.01 |
| W1 | 0.54×1.67 | 0.09 | 0.10 | 0.46 | 0.01 |
| W2 | 0.54×1.67 | 0.16 | 0.19 | 0.22 | 0.01 |
| W3 | 1.40×0.27 | 0.04 | 0.04 | 0.19 | 0.00 |
| W4 | 1.80×0.27 | 0.05 | 0.05 | 0.25 | |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.12 | 0.03 | 0.03 | 0.04 | 0.00 |
| W6 | 1.40×0.44 | 0.06 | 0.07 | 0.07 | 0.00 |
| W7 | 1.40×0.16 | 0.02 | 0.02 | 0.11 | 0.00 |
| W8 | 1.80×0.12 | 0.04 | 0.04 | 0.05 | |
| W9 | 1.80×0.44 | 0.08 | 0.09 | 0.08 | |
| W10 | 1.80×0.16 | 0.03 | 0.03 | 0.14 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| W11 | 1.40×0.26 | 0.05 | 0.22 | 0.06 | 0.00 |
| W12 | 1.40×0.08 | 0.01 | 0.01 | 0.01 | 0.00 |
| W13 | 1.40×0.15 | 0.02 | 0.02 | 0.03 | 0.00 |
| W14 | 1.40×0.37 | 0.05 | 0.13 | 0.06 | 0.00 |
| W15 | 1.40×0.19 | 0.04 | 0.16 | 0.04 | 0.00 |
| W16 | 1.80×0.26 | 0.07 | 0.28 | 0.07 | |
| W17 | 1.80×0.08 | 0.01 | 0.01 | 0.01 | |
| W18 | 1.80×0.15 | 0.03 | 0.03 | 0.04 | |
| W19 | 1.80×0.37 | 0.07 | 0.17 | 0.08 | |
| W20 | 1.80×0.19 | 0.05 | 0.20 | 0.05 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.08 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| 合　計 | | 2.31 | 11.81 | 3.93 | 0.12 |
| 検　定 | | 0.28 | 0.51 | 0.17 | 0.15 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/

Ｙ５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| W4 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.24 | 1.07 | 1.07 | 0.00 |
| 検　定 | | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0 | Ae<br>324.0<br>断面欠損有 | I<br>19683<br>×0.90 | Z<br>1458<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>21.00 | Qa<br>34.56 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.08 | 0.25 | 0.54 | 0.54 | |
| | 0.83 | | | | 0.00 |
| P2 | 0.28 | 0.06 | 0.14 | 0.14 | 0.00 |
| P3 | 0.36 | 0.08 | 0.18 | 0.18 | |
| | 0.16 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.05 | 0.31 | 0.10 | 0.00 |
| W2 | 0.54×1.67 | 0.05 | 0.10 | 0.31 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W4 | 1.40×0.12 | 0.01 | 0.05 | 0.02 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.02 | 0.07 | |
| W6 | 1.80×0.12 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| W7 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W8 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.60 | 1.77 | 1.77 | 0.00 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>69.98 | Qa<br>72.00 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X4
YO
又Y1

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.74 | 0.13 | 0.29 | 0.45 | 0.00 |
| P2 | 0.22 | 0.04 | 0.09 | 0.13 | 0.00 |
| P3 | 0.28 | 0.05 | 0.11 | 0.17 | |
| | 0.13 | | | | 0.00 |
| P4 | 1.48 | 0.51 | 1.11 | 0.37 | 0.00 |
| P5 | 0.62 | 0.21 | 0.47 | 0.16 | 0.00 |
| P6 | 0.80 | 0.27 | 0.60 | 0.20 | |
| | 0.36 | | | | 0.00 |
| P7 | 3.85 | 1.32 | 2.89 | 0.96 | 0.00 |
| P8 | 0.14 | 0.05 | 0.11 | 0.04 | |
| | 0.14 | | | | 0.00 |
| P9 | 1.29 | 0.44 | 0.97 | 0.32 | |
| | 1.29 | | | | 0.00 |
| P10 | 3.69 | 1.26 | 2.77 | 0.92 | |
| | 3.69 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.29 | 0.86 | 0.86 | 0.00 |
| W2 | 1.40×0.07 | 0.01 | 0.01 | 0.05 | 0.00 |
| W3 | 1.40×0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| W4 | 1.40×0.18 | 0.02 | 0.04 | 0.15 | 0.00 |
| W5 | 1.80×0.07 | 0.01 | 0.02 | 0.06 | |
| W6 | 1.80×0.04 | 0.00 | 0.00 | 0.00 | |
| W7 | 1.80×0.18 | 0.02 | 0.05 | 0.19 | |
| | 0.80×0.07 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 4.63 | 10.38 | 5.03 | 0.01 |
| 検　定 | | 0.07 | 0.14 | 0.07 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>55.99 | Qa<br>57.60 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X4
又Y1
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.77 | 0.84 | 1.85 | 0.92 | 0.00 |
| P2 | 3.40 | 1.03 | 2.27 | 1.13 | |
| | 1.51 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W4 | 1.40×0.43 | 0.12 | 0.40 | 0.40 | 0.00 |
| W5 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W6 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| W7 | 1.80×0.43 | 0.16 | 0.52 | 0.52 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.43 | | | | 0.00 |
| 合　計 | | 2.47 | 6.04 | 4.09 | 0.00 |
| 検　定 | | 0.04 | 0.10 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>55.99 | Qa<br>57.60 | δa<br>0.62 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X4
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.16 | 1.27 | 2.36 | 0.00 |
| P2 | 4.47 | 1.42 | 1.57 | 2.91 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.21 | 0.66 | 0.66 | 0.00 |
| W2 | 1.40×0.23 | 0.05 | 0.20 | 0.09 | 0.00 |
| W3 | 1.40×0.25 | 0.03 | 0.03 | 0.14 | 0.00 |
| W4 | 1.40×0.53 | 0.16 | 0.51 | 0.51 | 0.00 |
| W5 | 1.80×0.23 | 0.06 | 0.25 | 0.12 | |
| W6 | 1.80×0.25 | 0.03 | 0.04 | 0.18 | |
| W7 | 1.80×0.53 | 0.21 | 0.66 | 0.66 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.25 | | | | 0.00 |
| | 0.80×0.53 | | | | 0.00 |
| 合　計 | | 3.33 | 5.18 | 7.63 | 0.00 |
| 検　定 | | 0.06 | 0.09 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 15.36 | 1.60 | 55.99 | 57.60 | 0.59 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
又
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.01 | 2.49 | 1.15 | 0.00 |
| P2 | 4.47 | 1.24 | 3.06 | 1.41 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.19 | 0.63 | 0.63 | 0.00 |
| W2 | 1.40×0.21 | 0.02 | 0.10 | 0.02 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W4 | 1.40×0.42 | 0.12 | 0.39 | 0.39 | 0.00 |
| W5 | 1.80×0.21 | 0.02 | 0.13 | 0.03 | |
| W6 | 1.80×0.23 | 0.06 | 0.13 | 0.25 | |
| W7 | 1.80×0.42 | 0.15 | 0.50 | 0.50 | |
| | 0.80×0.21 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| 合　計 | | 2.84 | 7.54 | 4.56 | 0.00 |
| 検　定 | | 0.05 | 0.13 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 35.83 | 46.08 | 0.73 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
Y2
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.64 | 1.48 | 1.63 | 2.01 | 0.01 |
| P2 | 4.47 | 1.83 | 2.01 | 2.47 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.32 | 0.78 | 0.78 | 0.00 |
| W2 | 1.40×0.44 | 0.21 | 0.51 | 0.51 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.21 | 0.08 | 0.00 |
| W4 | 1.40×0.26 | 0.06 | 0.06 | 0.21 | 0.00 |
| W5 | 1.80×0.44 | 0.27 | 0.65 | 0.65 | |
| W6 | 1.80×0.23 | 0.08 | 0.27 | 0.10 | |
| W7 | 1.80×0.26 | 0.07 | 0.08 | 0.27 | |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 4.36 | 6.20 | 7.08 | 0.02 |
| 検　定 | | 0.12 | 0.13 | 0.15 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 35.83 | 46.08 | 0.48 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X4
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.63 | 0.51 | 3.06 | 0.57 | 0.00 |
| P2 | 4.47 | 0.63 | 3.77 | 0.70 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.04 | 0.26 | 0.26 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.12 | 0.17 | 0.00 |
| W3 | 1.40×0.40 | 0.05 | 0.30 | 0.30 | 0.00 |
| W4 | 1.40×0.09 | 0.00 | 0.02 | 0.00 | 0.00 |
| W5 | 1.80×0.23 | 0.03 | 0.16 | 0.22 | |
| W6 | 1.80×0.40 | 0.06 | 0.39 | 0.39 | |
| W7 | 1.80×0.09 | 0.00 | 0.02 | 0.00 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| 合　計 | | 1.34 | 8.09 | 2.60 | 0.00 |
| 検　定 | | 0.04 | 0.18 | 0.06 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.48 |
| | | | | 断面欠損無 | | | | | | | |

1/X4
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.07 | 0.26 | 0.26 | 0.01 |
| 合　計 | | 0.07 | 0.26 | 0.26 | 0.01 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>6.48 | Qa<br>19.20 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y0
又Y1

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.24 | 0.22 | 0.33 | 0.02 |
| P2 | 0.14 | 0.06 | 0.06 | 0.08 | 0.01 |
| P3 | 0.14 | 0.06 | 0.06 | 0.08 | 0.01 |
| P4 | 0.18 | 0.08 | 0.07 | 0.11 | |
| | 0.08 | | | | 0.00 |
| W1 | 1.40×0.07 | 0.01 | 0.01 | 0.05 | 0.00 |
| W2 | 1.40×0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| W3 | 1.40×0.18 | 0.04 | 0.04 | 0.14 | 0.00 |
| W4 | 1.80×0.07 | 0.02 | 0.02 | 0.06 | |
| W5 | 1.80×0.04 | 0.00 | 0.00 | 0.00 | |
| W6 | 1.80×0.18 | 0.05 | 0.05 | 0.18 | |
| | 0.80×0.07 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| | 0.80×0.18 | | | | 0.00 |
| 合　計 | | 0.56 | 0.51 | 1.05 | 0.04 |
| 検　定 | | 0.09 | 0.03 | 0.05 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
又
Y8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y8
Y9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W2 0.30×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| W3 0.70×0.75 | 0.01 | 0.12 | 0.12 | 0.00 |
| W4 0.70×1.86 | 0.03 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.05 | 0.42 | 0.42 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y9
又Y9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 0.30×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
又Y9
Y10

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | -0.02 | 0.03 | 0.00 | 0.00 |
| W2 0.30×0.06 | -0.01 | 0.02 | 0.00 | 0.00 |
| 合　計 | -0.03 | 0.05 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>8.29 | Qa<br>23.04 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.16 | 0.18 | 0.35 | 0.01 |
| P2 | 0.52 | 0.16 | 0.18 | 0.35 | 0.01 |
| P3 | 1.22 | 0.47 | 0.51 | 0.70 | |
| | 0.77 | | | | 0.02 |
| P4 | 2.07 | 0.00 | 2.07 | 0.00 | |
| | 1.69 | | | | 0.00 |
| P5 | 0.42 | 0.19 | 0.21 | 0.21 | 0.01 |
| P6 | 0.38 | 0.17 | 0.19 | 0.19 | 0.01 |
| P7 | 0.49 | 0.22 | 0.24 | 0.24 | |
| | 0.22 | | | | 0.01 |
| P8 | 0.42 | 0.19 | 0.21 | 0.21 | 0.01 |
| P9 | 0.38 | 0.17 | 0.19 | 0.19 | 0.01 |
| P10 | 0.49 | 0.22 | 0.24 | 0.24 | |
| | 0.22 | | | | 0.01 |
| W1 | 1.40×0.27 | 0.04 | 0.04 | 0.19 | 0.00 |
| W2 | 1.40×0.27 | 0.04 | 0.04 | 0.19 | 0.00 |
| W3 | 1.80×0.27 | 0.05 | 0.05 | 0.25 | |
| W4 | 1.80×0.27 | 0.05 | 0.05 | 0.25 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| W5 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W6 | 1.40×0.15 | 0.02 | 0.02 | 0.03 | 0.00 |
| W7 | 1.40×0.23 | 0.07 | 0.22 | 0.07 | 0.00 |
| W8 | 1.40×0.15 | 0.02 | 0.02 | 0.03 | 0.00 |
| W9 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W10 | 1.80×0.15 | 0.03 | 0.03 | 0.04 | |
| W11 | 1.80×0.23 | 0.08 | 0.28 | 0.09 | |
| W12 | 1.80×0.15 | 0.03 | 0.03 | 0.04 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.15 | | | | 0.00 |
| 合　計 | | 2.53 | 5.52 | 4.05 | 0.12 |
| 検　定 | | 0.31 | 0.24 | 0.18 | 0.15 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.28 | 0.52 | 1.14 | 1.14 | |
| | 1.44 | | | | 0.00 |
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.67 | 1.80 | 1.80 | 0.01 |
| 検　定 | | 0.06 | 0.08 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X4

Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.00 |
| 検　定 | | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
YO
又YO

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| 合　計 | 0.10 | 0.43 | 0.43 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.08 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又YO
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.00 | 0.09 | 0.09 | 0.00 |
| 合　計 | 0.00 | 0.09 | 0.09 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.06 | 0.34 | 0.34 | 0.00 |
| W2 1.40×0.12 | 0.01 | 0.06 | 0.06 | 0.00 |
| W3 1.40×0.18 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.12 | 0.01 | 0.08 | 0.08 | |
| W5 1.80×0.18 | 0.02 | 0.11 | 0.11 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.18 | | | | 0.00 |
| 合　計 | 0.12 | 0.68 | 0.68 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>21.12 | fs<br>2.00 | Ma<br>51.40 | Qa<br>62.40 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.51 | 0.57 | 0.16 | 0.36 | 0.03 |
| P2 | 0.43 | 0.49 | 0.13 | 0.30 | 0.03 |
| P3 | 0.56 | 0.63 | 0.17 | 0.39 | |
| | 0.25 | | | | 0.02 |
| P4 | 1.18 | 1.32 | 0.36 | 0.82 | |
| | 1.18 | | | | 0.07 |
| P5 | 0.51 | 0.72 | 0.20 | 0.32 | 0.04 |
| P6 | 0.43 | 0.61 | 0.17 | 0.27 | 0.03 |
| P7 | 0.56 | 0.78 | 0.22 | 0.34 | |
| | 0.25 | | | | 0.02 |
| P8 | 8.68 | 12.15 | 3.34 | 5.34 | 0.61 |
| P9 | 0.95 | 1.33 | 0.37 | 0.59 | |
| | 0.95 | | | | 0.07 |
| P10 | 0.55 | 0.23 | 0.44 | 0.10 | 0.02 |
| P11 | 0.59 | 0.25 | 0.48 | 0.11 | 0.02 |
| P12 | 0.15 | 0.06 | 0.12 | 0.03 | 0.01 |
| P13 | 0.19 | 0.08 | 0.16 | 0.04 | |
| | 0.09 | | | | 0.00 |
| P14 | 2.30 | 0.97 | 1.87 | 0.43 | |
| | 2.30 | | | | 0.09 |
| P15 | 0.55 | 0.23 | 0.44 | 0.10 | 0.02 |
| P16 | 0.29 | 0.12 | 0.24 | 0.05 | 0.01 |
| P17 | 0.17 | 0.07 | 0.14 | 0.03 | 0.01 |
| P18 | 0.22 | 0.09 | 0.18 | 0.04 | |
| | 0.10 | | | | 0.00 |
| P19 | 0.14 | 0.10 | 0.10 | 0.04 | 0.01 |
| P20 | 0.05 | 0.03 | 0.03 | 0.01 | 0.00 |
| P21 | 0.06 | 0.04 | 0.04 | 0.02 | |
| | 0.03 | | | | 0.00 |
| P22 | 0.22 | 0.15 | 0.15 | 0.07 | 0.01 |
| P23 | 0.07 | 0.05 | 0.05 | 0.02 | 0.00 |
| P24 | 0.09 | 0.07 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.47×0.46 | 2.35 | 0.95 | 1.79 | 0.15 |
| W2 | 1.47×0.20 | 0.30 | 0.08 | 0.45 | 0.02 |
| W3 | 1.47×0.16 | 0.09 | 0.12 | 0.04 | 0.01 |
| W4 | 1.47×0.12 | 0.07 | 0.09 | 0.03 | 0.01 |
| W5 | 1.47×0.20 | 0.56 | 0.29 | 0.25 | 0.04 |
| W6 | 1.47×0.12 | 0.10 | 0.03 | 0.05 | 0.01 |
| W7 | 1.80×0.46 | 2.87 | 1.16 | 2.20 | |
| W8 | 1.80×0.20 | 0.37 | 0.10 | 0.55 | |
| W9 | 1.80×0.16 | 0.11 | 0.15 | 0.05 | |
| W10 | 1.80×0.12 | 0.09 | 0.11 | 0.04 | |
| W11 | 1.80×0.20 | 0.68 | 0.35 | 0.30 | |
| W12 | 1.80×0.12 | 0.12 | 0.03 | 0.06 | |
| | 0.80×0.46 | | | | 0.08 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.20 | | | | 0.01 |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.20 | | | | 0.02 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 28.86 | 13.10 | 15.65 | 1.48 |
| 検　定 | 0.56 | 0.21 | 0.25 | 0.74 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種 | Ｅ | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 20.00 | 2.00 | 26.24 | 43.20 | 1.21 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又
Ｙ2
Ｙ3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| Ｐ1 | 0.62 | 0.37 | 0.21 | 0.41 | 0.01 |
| Ｐ2 | 0.50 | 0.31 | 0.17 | 0.34 | 0.01 |
| Ｐ3 | 0.65 | 0.39 | 0.22 | 0.43 | |
| | 0.29 | | | | 0.01 |
| Ｐ4 | 8.68 | 5.26 | 2.89 | 5.78 | 0.17 |
| Ｐ5 | 1.27 | 0.77 | 0.42 | 0.84 | |
| | 1.27 | | | | 0.02 |
| W1 | 1.40×0.16 | 0.06 | 0.03 | 0.17 | 0.00 |
| W2 | 1.40×0.43 | 0.49 | 0.81 | 0.81 | 0.02 |
| W3 | 1.40×0.20 | 0.15 | 0.34 | 0.17 | 0.01 |
| W4 | 1.80×0.16 | 0.08 | 0.04 | 0.22 | |
| W5 | 1.80×0.43 | 0.63 | 1.04 | 1.04 | |
| W6 | 1.80×0.20 | 0.20 | 0.43 | 0.22 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.43 | | | | 0.01 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 8.71 | 6.60 | 10.42 | 0.27 |
| 検　定 | | 0.33 | 0.15 | 0.24 | 0.23 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.49 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/X5
Y0
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.14 | 0.52 | 0.52 | 0.01 |
| 合　計 | 0.14 | 0.52 | 0.52 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 0.32 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/X5
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.06 | 0.34 | 0.34 | 0.00 |
| W2 0.54×1.67 | 0.06 | 0.32 | 0.32 | 0.00 |
| W3 1.40×0.16 | 0.01 | 0.08 | 0.08 | 0.00 |
| W4 1.80×0.16 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.16 | | | | 0.00 |
| W5 1.40×0.16 | 0.01 | 0.08 | 0.08 | 0.00 |
| W6 1.80×0.16 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.18 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
又Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.02 |
| W2 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W3 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W5 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.90 | 1.98 | 1.98 | 0.04 |
| 検　定 | 0.09 | 0.09 | 0.09 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| W4 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W5 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.04 | 0.37 | 0.37 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.02 |
| W2 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W3 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W5 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.90 | 1.98 | 1.98 | 0.04 |
| 検　定 | 0.09 | 0.09 | 0.09 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.02 |
| W2 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W3 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| W4 1.40×0.20 | 0.12 | 0.25 | 0.25 | 0.01 |
| W5 1.80×0.20 | 0.15 | 0.33 | 0.33 | |
| 0.80×0.20 | | | | 0.00 |
| 合　計 | 0.90 | 1.98 | 1.98 | 0.04 |
| 検　定 | 0.09 | 0.09 | 0.09 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.16 | 0.02 | 0.10 | 0.10 | 0.00 |
| W3 1.80×0.16 | 0.03 | 0.13 | 0.13 | |
| 0.80×0.16 | | | | 0.00 |
| W4 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W5 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| 0.80×0.17 | | | | 0.00 |
| 合　計 | 0.20 | 0.89 | 0.89 | 0.00 |
| 検　定 | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.80 | Z<br>4050<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>49.77 | Qa<br>57.60 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y3
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.05 | 0.00 | 0.05 | 0.00 | 0.00 |
| P2 | 1.75 | 0.96 | 1.05 | 0.70 | 0.01 |
| P3 | 2.25 | 1.23 | 1.35 | 0.90 | |
| | 1.00 | | | | 0.00 |
| P4 | 1.35 | 0.25 | 0.27 | 1.08 | 0.00 |
| P5 | 1.74 | 0.32 | 0.35 | 1.39 | |
| | 0.77 | | | | 0.00 |
| P6 | 3.53 | 1.93 | 2.12 | 1.41 | 0.01 |
| P7 | 4.39 | 2.39 | 2.63 | 1.75 | |
| | 1.95 | | | | 0.01 |
| P8 | 3.53 | 0.64 | 0.71 | 2.83 | 0.01 |
| P9 | 4.39 | 0.80 | 0.88 | 3.51 | |
| | 1.95 | | | | 0.00 |
| W1 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W2 | 1.40×0.20 | 0.07 | 0.19 | 0.05 | 0.00 |
| W3 | 1.40×0.23 | 0.11 | 0.12 | 0.17 | 0.00 |
| W4 | 1.40×0.17 | 0.06 | 0.17 | 0.04 | 0.00 |
| W5 | 1.40×0.17 | 0.08 | 0.09 | 0.13 | 0.00 |
| W6 | 1.40×0.17 | 0.01 | 0.01 | 0.10 | 0.00 |
| W7 | 1.80×0.12 | 0.01 | 0.01 | 0.08 | |
| W8 | 1.80×0.20 | 0.09 | 0.25 | 0.06 | |
| W9 | 1.80×0.23 | 0.14 | 0.15 | 0.22 | |
| W10 | 1.80×0.17 | 0.08 | 0.22 | 0.06 | |
| W11 | 1.80×0.17 | 0.10 | 0.11 | 0.17 | |
| W12 | 1.80×0.17 | 0.01 | 0.01 | 0.13 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.20 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 9.26 | 10.76 | 14.85 | 0.04 |
| 検　定 | | 0.19 | 0.19 | 0.26 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.85 | B×D<br>15.0×123.0 | Ae<br>1845.0 | I<br>2326084<br>断面欠損有 | Z<br>37823<br>×0.80 ×0.80 | fb<br>17.00 | fs<br>2.00 | Ma<br>514.39 | Qa<br>246.00 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5
Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.31 | 0.45 | 0.07 | 0.00 |
| P2 | 8.44 | 7.68 | 6.75 | 1.69 | |
| | 7.77 | | | | 0.04 |
| P3 | 10.00 | 22.75 | 5.00 | 5.00 | |
| | 8.84 | | | | 0.07 |
| P4 | 13.21 | 18.03 | 3.96 | 9.25 | |
| | 11.47 | | | | 0.07 |
| P5 | 28.22 | 38.53 | 8.47 | 19.76 | 0.18 |
| P6 | 14.15 | 6.44 | 1.42 | 12.73 | |
| | 13.13 | | | | 0.03 |
| P7 | 7.04 | 12.82 | 4.23 | 2.82 | |
| | 6.41 | | | | 0.05 |
| P8 | 0.42 | 0.19 | 0.38 | 0.04 | 0.00 |
| P9 | 0.38 | 0.17 | 0.34 | 0.04 | 0.00 |
| P10 | 0.49 | 0.22 | 0.44 | 0.05 | |
| | 0.22 | | | | 0.00 |
| P11 | 0.65 | 0.29 | 0.06 | 0.58 | 0.00 |
| P12 | 0.72 | 0.33 | 0.07 | 0.65 | 0.00 |
| P13 | 0.93 | 0.42 | 0.09 | 0.84 | |
| | 0.41 | | | | 0.00 |
| P14 | 1.46 | 1.33 | 1.17 | 0.29 | 0.01 |
| P15 | 2.45 | 2.23 | 1.96 | 0.49 | 0.01 |
| P16 | 3.14 | 2.86 | 2.52 | 0.63 | |
| | 1.40 | | | | 0.01 |
| P17 | 2.09 | 1.90 | 1.67 | 0.42 | |
| | 1.73 | | | | 0.01 |
| P18 | 0.47 | 0.43 | 0.38 | 0.09 | |
| | 0.30 | | | | 0.00 |
| P19 | 0.77 | 0.70 | 0.61 | 0.15 | |
| | 0.48 | | | | 0.00 |
| P20 | 0.45 | 0.62 | 0.32 | 0.14 | 0.00 |
| P21 | 1.75 | 2.39 | 1.23 | 0.53 | 0.01 |
| P22 | 2.25 | 3.07 | 1.58 | 0.68 | |
| | 1.00 | | | | 0.01 |
| P23 | 1.07 | 1.46 | 0.75 | 0.32 | |
| | 0.84 | | | | 0.01 |
| P24 | 0.77 | 1.05 | 0.54 | 0.23 | |
| | 0.48 | | | | 0.00 |
| P25 | 0.28 | 0.52 | 0.17 | 0.11 | 0.00 |
| P26 | 1.75 | 3.19 | 1.05 | 0.70 | 0.01 |
| P27 | 2.25 | 4.10 | 1.35 | 0.90 | |
| | 1.00 | | | | 0.01 |
| P28 | 1.32 | 2.39 | 0.79 | 0.53 | |
| | 0.83 | | | | 0.01 |
| P29 | 2.03 | 3.70 | 1.22 | 0.81 | |
| | 1.76 | | | | 0.01 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | P30 | 1.56 | 3.54 | 0.78 | 0.78 | 0.01 |
| | | P31 | 1.75 | 3.99 | 0.88 | 0.88 | 0.01 |
| | | P32 | 2.25 | 5.12 | 1.13 | 1.13 | |
| | | | 1.00 | | | | 0.01 |
| | | P33 | 1.37 | 3.12 | 0.69 | 0.69 | |
| | | | 1.06 | | | | 0.01 |
| | | P34 | 0.19 | 0.42 | 0.09 | 0.09 | |
| | | | 0.14 | | | | 0.00 |
| | | P35 | 0.42 | 0.77 | 0.17 | 0.25 | 0.00 |
| | | P36 | 1.77 | 3.23 | 0.71 | 1.07 | 0.01 |
| | | P37 | 2.28 | 4.15 | 0.91 | 1.37 | |
| | | | 1.01 | | | | 0.01 |
| | | P38 | 0.19 | 0.34 | 0.07 | 0.11 | |
| | | | 0.14 | | | | 0.00 |
| | | P39 | 1.73 | 2.36 | 0.52 | 1.21 | 0.01 |
| | | P40 | 1.77 | 2.42 | 0.53 | 1.24 | 0.01 |
| | | P41 | 2.28 | 3.11 | 0.68 | 1.60 | |
| | | | 1.01 | | | | 0.01 |
| | | P42 | 3.01 | 4.11 | 0.90 | 2.11 | |
| | | | 2.71 | | | | 0.02 |
| | | P43 | 1.75 | 1.59 | 0.35 | 1.40 | 0.01 |
| | | P44 | 2.25 | 2.05 | 0.45 | 1.80 | |
| | | | 1.00 | | | | 0.00 |
| | | P45 | 3.02 | 0.69 | 2.87 | 0.15 | 0.00 |
| | | P46 | 3.75 | 0.85 | 3.56 | 0.19 | |
| | | | 1.67 | | | | 0.00 |
| | | P47 | 6.32 | 5.75 | 5.05 | 1.26 | 0.03 |
| | | P48 | 1.78 | 1.62 | 1.43 | 0.36 | 0.01 |
| | | P49 | 2.20 | 2.00 | 1.76 | 0.44 | |
| | | | 0.98 | | | | 0.00 |
| | | P50 | 0.24 | 0.22 | 0.20 | 0.05 | 0.00 |
| | | P51 | 0.54 | 0.49 | 0.43 | 0.11 | |
| | | | 0.35 | | | | 0.00 |
| | | P52 | 2.68 | 1.47 | 2.35 | 0.32 | 0.01 |
| | | P53 | 3.31 | 1.81 | 2.91 | 0.40 | |
| | | | 1.47 | | | | 0.00 |
| | | W1 | 0.54×1.76 | 0.20 | 0.04 | 0.82 | 0.00 |
| | | W2 | 0.54×1.67 | 0.19 | 0.04 | 0.78 | 0.00 |
| | | W3 | 0.54×1.67 | 2.99 | 0.66 | 0.99 | 0.01 |
| | | W4 | 0.54×1.67 | 2.24 | 1.15 | 0.49 | 0.01 |
| | | W5 | 0.54×1.67 | 0.42 | 0.47 | 0.09 | 0.00 |
| | | W6 | 0.54×1.67 | 1.68 | 0.45 | 0.37 | 0.01 |
| | | W7 | 0.54×1.67 | 1.49 | 0.33 | 1.31 | 0.01 |
| | | W8 | 1.55×0.23 | 0.22 | 0.05 | 0.27 | 0.00 |
| | | W9 | 1.55×0.23 | 0.07 | 0.02 | 0.30 | 0.00 |
| | | W10 | 1.55×0.23 | 0.36 | 0.08 | 0.24 | 0.00 |
| | | W11 | 1.80×0.23 | 0.25 | 0.06 | 0.32 | |
| | | W12 | 1.80×0.23 | 0.08 | 0.02 | 0.35 | |
| | | W13 | 1.80×0.23 | 0.42 | 0.09 | 0.28 | |
| | | | 0.80×0.23 | | | | 0.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W141.55×0.23 | 0.51 | 0.11 | 0.21 | 0.00 |
| | | W151.55×0.23 | 0.66 | 0.14 | 0.18 | 0.00 |
| | | W161.80×0.23 | 0.59 | 0.13 | 0.24 | |
| | | W171.80×0.23 | 0.76 | 0.17 | 0.20 | |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W181.55×0.27 | 0.19 | 0.21 | 0.04 | 0.00 |
| | | W191.55×0.23 | 0.66 | 0.18 | 0.14 | 0.00 |
| | | W201.55×0.23 | 0.36 | 0.24 | 0.08 | 0.00 |
| | | W211.55×0.23 | 0.51 | 0.21 | 0.11 | 0.00 |
| | | W221.80×0.27 | 0.22 | 0.25 | 0.05 | |
| | | W231.80×0.23 | 0.76 | 0.20 | 0.17 | |
| | | W241.80×0.23 | 0.42 | 0.28 | 0.09 | |
| | | W251.80×0.23 | 0.59 | 0.24 | 0.13 | |
| | | 0.80×0.27 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.23 | | | | 0.00 |
| | | W261.55×0.23 | 0.07 | 0.30 | 0.02 | 0.00 |
| | | W271.55×0.15 | 0.03 | 0.06 | 0.01 | 0.00 |
| | | W281.55×0.17 | 0.01 | 0.12 | 0.00 | 0.00 |
| | | W291.55×0.15 | 0.06 | 0.13 | 0.01 | 0.00 |
| | | W301.55×0.16 | 0.13 | 0.15 | 0.03 | 0.00 |
| | | W311.80×0.23 | 0.08 | 0.35 | 0.02 | |
| | | W321.80×0.15 | 0.04 | 0.07 | 0.01 | |
| | | W331.80×0.17 | 0.02 | 0.14 | 0.00 | |
| | | W341.80×0.15 | 0.07 | 0.15 | 0.01 | |
| | | W351.80×0.16 | 0.15 | 0.17 | 0.03 | |
| | | 0.80×0.23 | | | | 0.00 |
| | | 0.80×0.15 | | | | 0.00 |
| | | 0.80×0.17 | | | | 0.00 |
| | | 0.80×0.15 | | | | 0.00 |
| | | 0.80×0.16 | | | | 0.00 |
| | | 合　計 | 212.91 | 85.85 | 87.94 | 0.81 |
| | | 検　定 | 0.41 | 0.35 | 0.36 | 0.41 |
| | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| | | 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5

Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.62 | 0.10 | 0.49 | 0.13 | |
| | 0.62 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.23 | 0.03 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.39 | 0.59 | 0.00 |
| 合　計 | | 0.31 | 1.11 | 0.74 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.02 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>35.83 | Qa<br>46.08 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X5

Y8

P1,2,3,4,5,6,7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.25 | 0.08 | 0.17 | 0.08 | 0.00 |
| P2 | 2.53 | 0.77 | 1.69 | 0.84 | 0.00 |
| P3 | 3.12 | 0.95 | 2.08 | 1.04 | |
| | 1.39 | | | | 0.00 |
| P4 | 0.11 | 0.03 | 0.08 | 0.04 | 0.00 |
| P5 | 0.25 | 0.08 | 0.17 | 0.08 | |
| | 0.17 | | | | 0.00 |
| P6 | 1.35 | 0.41 | 0.90 | 0.45 | 0.00 |
| P7 | 1.74 | 0.53 | 1.16 | 0.58 | |
| | 0.77 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W3 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W4 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W5 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W6 | 1.40×0.12 | 0.01 | 0.06 | 0.01 | 0.00 |
| W7 | 1.40×0.23 | 0.04 | 0.10 | 0.19 | 0.00 |
| W8 | 1.80×0.12 | 0.01 | 0.08 | 0.02 | |
| W9 | 1.80×0.23 | 0.06 | 0.12 | 0.25 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 3.28 | 7.60 | 4.70 | 0.01 |
| 検　定 | | 0.09 | 0.16 | 0.10 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 12000 | 12.0×39.0 | 468.0 | 59319 | 3042 | 21.12 | 2.00 | 51.40 | 62.40 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X5
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.51 | 0.57 | 0.16 | 0.36 | 0.03 |
| P2 | 0.43 | 0.49 | 0.13 | 0.30 | 0.03 |
| P3 | 0.56 | 0.63 | 0.17 | 0.39 | |
| | 0.25 | | | | 0.02 |
| P4 | 1.18 | 1.32 | 0.36 | 0.82 | |
| | 1.18 | | | | 0.07 |
| P5 | 0.51 | 0.72 | 0.20 | 0.32 | 0.04 |
| P6 | 0.43 | 0.61 | 0.17 | 0.27 | 0.03 |
| P7 | 0.56 | 0.78 | 0.22 | 0.34 | |
| | 0.25 | | | | 0.02 |
| P8 | 8.68 | 12.15 | 3.34 | 5.34 | 0.61 |
| P9 | 0.95 | 1.33 | 0.37 | 0.59 | |
| | 0.95 | | | | 0.07 |
| P10 | 0.55 | 0.23 | 0.44 | 0.10 | 0.02 |
| P11 | 0.59 | 0.25 | 0.48 | 0.11 | 0.02 |
| P12 | 0.15 | 0.06 | 0.12 | 0.03 | 0.01 |
| P13 | 0.19 | 0.08 | 0.16 | 0.04 | |
| | 0.09 | | | | 0.00 |
| P14 | 2.30 | 0.97 | 1.87 | 0.43 | |
| | 2.30 | | | | 0.09 |
| P15 | 0.55 | 0.23 | 0.44 | 0.10 | 0.02 |
| P16 | 0.14 | 0.06 | 0.12 | 0.03 | 0.01 |
| P17 | 0.19 | 0.08 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P18 | 0.89 | 0.38 | 0.72 | 0.17 | |
| | 0.89 | | | | 0.04 |
| P19 | 0.07 | 0.05 | 0.05 | 0.02 | 0.00 |
| P20 | 0.09 | 0.07 | 0.06 | 0.03 | |
| | 0.04 | | | | 0.00 |
| P21 | 0.29 | 0.41 | 0.11 | 0.18 | 0.02 |
| P22 | 0.37 | 0.52 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.20 | 0.30 | 0.08 | 0.45 | 0.02 |
| W2 | 1.47×0.37 | 0.85 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.38 | 1.27 | 0.84 | 0.56 | 0.09 |
| W4 | 1.47×0.16 | 0.09 | 0.12 | 0.04 | 0.01 |
| W5 | 1.47×0.20 | 0.56 | 0.29 | 0.25 | 0.04 |
| W6 | 1.47×0.12 | 0.10 | 0.03 | 0.05 | 0.01 |
| W7 | 1.80×0.20 | 0.37 | 0.10 | 0.55 | |
| W8 | 1.80×0.37 | 1.04 | 0.29 | 1.20 | |
| W9 | 1.80×0.38 | 1.56 | 1.02 | 0.68 | |
| W10 | 1.80×0.16 | 0.11 | 0.15 | 0.05 | |
| W11 | 1.80×0.20 | 0.68 | 0.35 | 0.30 | |
| W12 | 1.80×0.12 | 0.12 | 0.03 | 0.06 | |
| | 0.80×0.20 | | | | 0.01 |
| | 0.80×0.37 | | | | 0.03 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.38 | | | | 0.05 |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.20 | | | | 0.02 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 29.04 | 13.53 | 15.38 | 1.48 |
| 検　定 | 0.56 | 0.22 | 0.25 | 0.74 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 支点 | 欧州赤松集成材 | 10500 | 12.0×27.0 | 324.0 | 19683 | 1458 | 20.00 | 2.00 | 26.24 | 43.20 | 1.21 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又X５
Ｙ２
Ｙ３

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| Ｐ1 | 0.62 | 0.37 | 0.21 | 0.41 | 0.01 |
| Ｐ2 | 0.50 | 0.31 | 0.17 | 0.34 | 0.01 |
| Ｐ3 | 0.65 | 0.39 | 0.22 | 0.43 | |
| | 0.29 | | | | 0.01 |
| Ｐ4 | 8.68 | 5.26 | 2.89 | 5.78 | 0.17 |
| Ｐ5 | 1.27 | 0.77 | 0.42 | 0.84 | |
| | 1.27 | | | | 0.02 |
| W1 | 1.40×0.17 | 0.07 | 0.04 | 0.18 | 0.00 |
| W2 | 1.40×0.38 | 0.44 | 0.72 | 0.72 | 0.02 |
| W3 | 1.40×0.20 | 0.15 | 0.34 | 0.17 | 0.01 |
| W4 | 1.80×0.17 | 0.08 | 0.05 | 0.23 | |
| W5 | 1.80×0.38 | 0.57 | 0.93 | 0.93 | |
| W6 | 1.80×0.20 | 0.20 | 0.43 | 0.22 | |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.38 | | | | 0.01 |
| | 0.80×0.20 | | | | 0.00 |
| 合　計 | | 8.61 | 6.42 | 10.26 | 0.27 |
| 検　定 | | 0.33 | 0.15 | 0.24 | 0.22 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｋ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X5
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.58 | 0.58 | 0.01 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.58 | 0.58 | 0.02 |
| 検　定 | 0.06 | 0.11 | 0.11 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X5
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.17 | 0.02 | 0.11 | 0.11 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.17 | 0.03 | 0.14 | 0.14 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.17 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.13 | 0.58 | 0.58 | 0.02 |
| 検　定 | 0.06 | 0.11 | 0.11 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.28 |
| | | | 断面欠損無 | | | | | | | | |

1/又X5
又Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.15 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.15 | 0.01 | 0.08 | 0.08 | |
| W4 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.15 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.05 | 0.31 | 0.31 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.32 |
| | | | 断面欠損無 | | | | | | | | |

1/又X５
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.08 | 0.08 | 0.00 |
| W3 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| W4 1.80×0.16 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.19 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.07 | 0.39 | 0.39 | 0.01 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 19.20 | 2.00 | 46.73 | 62.40 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.40 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.11 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.14 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 10.95 | 7.97 | 8.91 | 2.04 | 0.51 |
| P5 | 0.89 | 0.65 | 0.72 | 0.17 | |
| | 0.89 | | | | 0.04 |
| P6 | 0.55 | 0.40 | 0.44 | 0.10 | 0.03 |
| P7 | 0.14 | 0.11 | 0.12 | 0.03 | 0.01 |
| P8 | 0.19 | 0.14 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P9 | 2.61 | 1.90 | 2.12 | 0.48 | |
| | 2.61 | | | | 0.12 |
| P10 | 0.29 | 0.22 | 0.11 | 0.18 | 0.02 |
| P11 | 0.37 | 0.29 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P12 | 0.29 | 0.22 | 0.11 | 0.18 | 0.02 |
| P13 | 0.37 | 0.29 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.47 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.37 | 0.47 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.38 | 1.45 | 0.84 | 0.56 | 0.11 |
| W4 | 1.47×0.38 | 1.45 | 0.84 | 0.56 | 0.11 |
| W5 | 1.80×0.37 | 0.57 | 0.29 | 1.20 | |
| W6 | 1.80×0.37 | 0.57 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.78 | 1.02 | 0.68 | |
| W8 | 1.80×0.38 | 1.78 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 21.34 | 18.46 | 10.69 | 1.31 |
| 検　定 | | 0.46 | 0.30 | 0.17 | 0.65 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損無 | I<br>9261 | Z<br>882 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.11 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W2 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W3 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| W4 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| 0.80×0.38 | | | | 0.02 |
| 0.80×0.38 | | | | 0.02 |
| 合　計 | 2.26 | 3.31 | 3.31 | 0.12 |
| 検　定 | 0.16 | 0.12 | 0.12 | 0.10 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>9.0×9.0 | Ae<br>81.0<br>断面欠損無 | I<br>547 | Z<br>122 | fb<br>18.56 | fs<br>0.96 | Ma<br>2.26 | Qa<br>5.18 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.12 | | | | 0.00 |
| 合　計 | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.07 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.37 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.10 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.13 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 6.75 | 4.57 | 5.49 | 1.26 | 0.31 |
| P5 | 4.81 | 3.25 | 3.91 | 0.89 | |
| | 4.81 | | | | 0.22 |
| P6 | 0.55 | 0.37 | 0.44 | 0.10 | 0.03 |
| P7 | 0.14 | 0.10 | 0.12 | 0.03 | 0.01 |
| P8 | 0.19 | 0.13 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P9 | 0.29 | 0.25 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.33 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P11 | 0.29 | 0.25 | 0.11 | 0.18 | 0.02 |
| P12 | 0.37 | 0.33 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.53 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.37 | 0.53 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.38 | 1.52 | 0.84 | 0.56 | 0.11 |
| W4 | 1.47×0.38 | 1.52 | 0.84 | 0.56 | 0.11 |
| W5 | 1.80×0.37 | 0.65 | 0.29 | 1.20 | |
| W6 | 1.80×0.37 | 0.65 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.86 | 1.02 | 0.68 | |
| W8 | 1.80×0.38 | 1.86 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 19.31 | 16.11 | 10.15 | 1.17 |
| 検　定 | | 0.41 | 0.26 | 0.16 | 0.59 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.14 | 0.10 | 0.19 | 0.01 |
| P2 | 0.37 | 0.18 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W2 | 1.40×0.23 | 0.07 | 0.05 | 0.24 | 0.01 |
| W3 | 1.40×0.35 | 0.34 | 0.58 | 0.29 | 0.03 |
| W4 | 1.80×0.38 | 0.63 | 0.93 | 0.93 | |
| W5 | 1.80×0.23 | 0.09 | 0.06 | 0.31 | |
| W6 | 1.80×0.35 | 0.43 | 0.75 | 0.37 | |
| | 0.80×0.38 | | | | 0.03 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 2.38 | 3.31 | 3.31 | 0.14 |
| 検　定 | | 0.19 | 0.12 | 0.12 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 | 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.07 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又

又Y４

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.07 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.28 |
| | | | 断面欠損無 | | | | | | | | |

1/又
又Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| W4 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.05 | 0.33 | 0.33 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.32 |
| | | | 断面欠損無 | | | | | | | | |

1/又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| W4 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.19 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.08 | 0.42 | 0.42 | 0.01 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 37.38 | 49.92 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P5 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P6 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P8 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W2 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W3 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W4 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W5 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| W6 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| W8 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 12.37 | 6.70 | 8.00 | 0.64 |
| 検　定 | | 0.33 | 0.13 | 0.16 | 0.32 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×21.0 | 252.0 | 9261 | 882 | 16.00 | 1.60 | 12.70 | 26.88 | 1.21 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又
Y2
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.14 | 0.10 | 0.19 | 0.01 |
| P2 | 0.37 | 0.18 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.05 | 0.24 | 0.01 |
| W2 | 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.04 |
| W3 | 1.40×0.35 | 0.34 | 0.58 | 0.29 | 0.03 |
| W4 | 1.80×0.23 | 0.09 | 0.06 | 0.31 | |
| W5 | 1.80×0.38 | 0.63 | 0.93 | 0.93 | |
| W6 | 1.80×0.35 | 0.43 | 0.75 | 0.37 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.38 | | | | 0.03 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 2.38 | 3.31 | 3.31 | 0.14 |
| 検　定 | | 0.19 | 0.12 | 0.12 | 0.12 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.20 |
| | | | | 断面欠損無 | | | | | | | |

1/
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 | 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 | 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| W4 | 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 0.02 | 0.17 | 0.17 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.07 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X6
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.31 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.96 | 0.55 | 0.78 | 0.18 | 0.04 |
| P5 | 0.55 | 0.31 | 0.44 | 0.10 | 0.03 |
| P6 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P7 | 0.19 | 0.11 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P8 | 2.83 | 1.63 | 2.30 | 0.53 | |
| | 2.83 | | | | 0.13 |
| P9 | 0.29 | 0.31 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.40 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P11 | 0.29 | 0.31 | 0.11 | 0.18 | 0.02 |
| P12 | 0.37 | 0.40 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.66 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.38 | 1.54 | 0.84 | 0.56 | 0.11 |
| W3 | 1.47×0.37 | 0.66 | 0.23 | 0.98 | 0.05 |
| W4 | 1.47×0.38 | 1.54 | 0.84 | 0.56 | 0.11 |
| W5 | 1.80×0.37 | 0.81 | 0.29 | 1.20 | |
| W6 | 1.80×0.38 | 1.89 | 1.02 | 0.68 | |
| W7 | 1.80×0.37 | 0.81 | 0.29 | 1.20 | |
| W8 | 1.80×0.38 | 1.89 | 1.02 | 0.68 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| 合　計 | | 14.44 | 9.78 | 8.71 | 0.81 |
| 検　定 | | 0.39 | 0.20 | 0.17 | 0.41 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X6
Y2
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.15 | 0.54 | 0.54 | 0.00 |
| W2 | 1.40×0.37 | 0.08 | 0.29 | 0.29 | 0.00 |
| W3 | 1.40×0.37 | 0.08 | 0.29 | 0.29 | 0.00 |
| W4 | 1.80×0.37 | 0.11 | 0.37 | 0.37 | |
| W5 | 1.80×0.37 | 0.11 | 0.37 | 0.37 | |
| | 0.80×0.37 | | | | 0.00 |
| | 0.80×0.37 | | | | 0.00 |
| 合　計 | | 0.53 | 1.87 | 1.87 | 0.00 |
| 検　定 | | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.71 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X6
又
Y3

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.11 | 0.17 | 0.12 | 0.00 |
| P2 | 0.37 | 0.14 | 0.21 | 0.16 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.30 | 0.75 | 0.75 | 0.01 |
| W2 | 1.40×0.39 | 0.17 | 0.43 | 0.43 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.08 | 0.21 | 0.00 |
| W4 | 1.40×0.31 | 0.05 | 0.23 | 0.06 | 0.00 |
| W5 | 1.80×0.39 | 0.22 | 0.56 | 0.56 | |
| W6 | 1.80×0.23 | 0.08 | 0.11 | 0.27 | |
| W7 | 1.80×0.31 | 0.07 | 0.29 | 0.08 | |
| | 0.80×0.39 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.31 | | | | 0.00 |
| 合　計 | | 1.19 | 2.83 | 2.64 | 0.02 |
| 検　定 | | 0.07 | 0.09 | 0.09 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X6
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.01 |
| 検　定 | 0.03 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.07 | 0.13 | 0.13 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X6
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.01 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.15 | 0.66 | 0.66 | 0.02 |
| 検　定 | 0.07 | 0.13 | 0.13 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.28 |
| | | | 断面欠損無 | | | | | | | | |

1/X6
又Y4
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.16 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| W4 1.80×0.16 | 0.01 | 0.09 | 0.09 | |
| 0.80×0.16 | | | | 0.00 |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.05 | 0.33 | 0.33 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 9.0×9.0 | 81.0 | 547 | 122 | 18.56 | 0.96 | 2.26 | 5.18 | 0.32 |
| | | | 断面欠損無 | | | | | | | | |

1/X6
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W2 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W3 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| W4 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.19 | | | | 0.00 |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.08 | 0.42 | 0.42 | 0.01 |
| 検　定 | 0.03 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>15.0×55.0 | Ae<br>825.0<br>断面欠損有 | I<br>207969<br>×0.90 | Z<br>7563<br>×0.90 | fb<br>14.88 | fs<br>1.60 | Ma<br>101.28 | Qa<br>88.00 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.20 | 0.05 | 0.38 | 0.01 |
| P2 | 1.01 | 0.46 | 0.13 | 0.88 | |
| | 0.66 | | | | 0.01 |
| P3 | 0.44 | 0.40 | 0.11 | 0.33 | 0.01 |
| P4 | 1.01 | 0.91 | 0.25 | 0.75 | |
| | 0.66 | | | | 0.02 |
| P5 | 0.44 | 0.60 | 0.16 | 0.27 | 0.02 |
| P6 | 1.01 | 1.37 | 0.38 | 0.63 | |
| | 0.66 | | | | 0.02 |
| P7 | 0.44 | 0.81 | 0.22 | 0.22 | 0.02 |
| P8 | 1.01 | 1.85 | 0.51 | 0.51 | |
| | 0.67 | | | | 0.03 |
| P9 | 0.52 | 0.69 | 0.33 | 0.19 | 0.02 |
| P10 | 0.21 | 0.29 | 0.14 | 0.08 | 0.01 |
| P11 | 0.28 | 0.37 | 0.17 | 0.10 | |
| | 0.12 | | | | 0.00 |
| P12 | 0.22 | 0.30 | 0.14 | 0.08 | 0.01 |
| P13 | 0.51 | 0.68 | 0.32 | 0.19 | |
| | 0.34 | | | | 0.01 |
| P14 | 0.44 | 0.20 | 0.38 | 0.05 | 0.01 |
| P15 | 0.57 | 0.26 | 0.49 | 0.07 | |
| | 0.25 | | | | 0.00 |
| P16 | 0.43 | 0.40 | 0.33 | 0.11 | 0.01 |
| P17 | 0.56 | 0.51 | 0.42 | 0.14 | |
| | 0.25 | | | | 0.01 |
| W1 | 0.54×3.34 | 8.72 | 2.63 | 5.68 | 0.24 |
| W2 | 0.54×3.35 | 3.23 | 3.94 | 0.89 | 0.10 |
| W3 | 1.55×0.23 | 0.07 | 0.30 | 0.02 | 0.00 |
| W4 | 1.55×0.23 | 0.22 | 0.26 | 0.06 | 0.01 |
| W5 | 1.55×0.22 | 0.32 | 0.20 | 0.09 | 0.01 |
| W6 | 1.80×0.23 | 0.08 | 0.35 | 0.02 | |
| W7 | 1.80×0.23 | 0.25 | 0.30 | 0.07 | |
| W8 | 1.80×0.22 | 0.37 | 0.23 | 0.10 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W9 | 1.55×0.23 | 0.07 | 0.02 | 0.30 | 0.00 |
| W10 | 1.55×0.25 | 0.57 | 0.20 | 0.16 | 0.01 |
| W11 | 1.55×0.23 | 0.51 | 0.14 | 0.18 | 0.01 |
| W12 | 1.55×0.23 | 0.36 | 0.10 | 0.22 | 0.01 |
| W13 | 1.55×0.23 | 0.22 | 0.06 | 0.26 | 0.01 |
| W14 | 3.20×0.23 | 0.15 | 0.04 | 0.62 | |
| W15 | 3.20×0.25 | 1.18 | 0.42 | 0.32 | |
| W16 | 3.20×0.23 | 1.05 | 0.29 | 0.37 | |
| W17 | 3.20×0.23 | 0.75 | 0.21 | 0.46 | |
| W18 | 3.20×0.23 | 0.45 | 0.12 | 0.54 | |

| | | | | | |
|---|---|---|---|---|---|
| 2.10×0.23 | | | | 0.00 |
| 2.10×0.25 | | | | 0.02 |
| 2.10×0.23 | | | | 0.02 |
| 2.10×0.23 | | | | 0.01 |
| 2.10×0.23 | | | | 0.01 |
| 合　計 | 28.88 | 14.35 | 15.35 | 0.69 |
| 検　定 | 0.29 | 0.16 | 0.17 | 0.35 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.20 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又X6

又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×3.35 | 0.04 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W3 1.80×0.12 | 0.01 | 0.05 | 0.05 | |
| 0.80×0.12 | | | | 0.00 |
| W4 1.40×0.12 | 0.00 | 0.04 | 0.04 | 0.00 |
| W5 3.20×0.12 | 0.01 | 0.08 | 0.08 | |
| 2.10×0.12 | | | | 0.00 |
| 合　計 | 0.07 | 0.61 | 0.61 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X6
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×3.34 | 0.19 | 0.82 | 0.82 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.23 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.23 | | | | 0.00 |
| W4 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W5 3.20×0.23 | 0.08 | 0.33 | 0.33 | |
| 2.10×0.23 | | | | 0.00 |
| 合　計 | 0.37 | 1.63 | 1.63 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.77 | 1.11 | 1.44 | 0.33 | 0.08 |
| P2 | 0.55 | 0.34 | 0.44 | 0.10 | 0.03 |
| P3 | 0.14 | 0.09 | 0.12 | 0.03 | 0.01 |
| P4 | 0.19 | 0.12 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P5 | 5.21 | 3.26 | 4.24 | 0.97 | |
| | 5.21 | | | | 0.24 |
| P6 | 0.55 | 0.34 | 0.44 | 0.10 | 0.03 |
| P7 | 0.14 | 0.09 | 0.12 | 0.03 | 0.01 |
| P8 | 0.19 | 0.12 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P9 | 0.29 | 0.28 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.37 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P11 | 0.29 | 0.28 | 0.11 | 0.18 | 0.02 |
| P12 | 0.37 | 0.37 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.37 | 0.60 | 0.23 | 0.98 | 0.05 |
| W2 | 1.47×0.38 | 1.55 | 0.84 | 0.56 | 0.11 |
| W3 | 1.47×0.38 | 1.55 | 0.84 | 0.56 | 0.11 |
| W4 | 1.47×0.37 | 0.60 | 0.23 | 0.98 | 0.05 |
| W5 | 1.80×0.37 | 0.73 | 0.29 | 1.20 | |
| W6 | 1.80×0.38 | 1.90 | 1.02 | 0.68 | |
| W7 | 1.80×0.38 | 1.90 | 1.02 | 0.68 | |
| W8 | 1.80×0.37 | 0.73 | 0.29 | 1.20 | |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| 合　計 | | 16.33 | 12.38 | 9.30 | 0.96 |
| 検　定 | | 0.44 | 0.25 | 0.19 | 0.48 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.90 | Z<br>882<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>12.70 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/
Y2
Y3

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.14 | 0.10 | 0.19 | 0.01 |
| P2 | 0.37 | 0.18 | 0.12 | 0.25 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.40×0.23 | 0.07 | 0.05 | 0.24 | 0.01 |
| W2 | 1.40×0.31 | 0.39 | 0.58 | 0.58 | 0.03 |
| W3 | 1.40×0.35 | 0.34 | 0.58 | 0.29 | 0.03 |
| W4 | 1.80×0.23 | 0.09 | 0.06 | 0.31 | |
| W5 | 1.80×0.31 | 0.50 | 0.74 | 0.74 | |
| W6 | 1.80×0.35 | 0.43 | 0.75 | 0.37 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.31 | | | | 0.02 |
| | 0.80×0.35 | | | | 0.02 |
| 合　計 | | 2.15 | 2.97 | 2.97 | 0.13 |
| 検　定 | | 0.17 | 0.11 | 0.11 | 0.11 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
Y2

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 | 1.40×0.28 | 0.04 | 0.18 | 0.18 | 0.00 |
| W3 | 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W4 | 1.80×0.28 | 0.05 | 0.23 | 0.23 | |
| W5 | 1.80×0.11 | 0.02 | 0.08 | 0.08 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 0.22 | 0.99 | 0.99 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7

Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.39 | 0.86 | 0.86 | 0.01 |
| W2 1.40×0.32 | 0.18 | 0.40 | 0.40 | 0.00 |
| W3 1.40×0.11 | 0.06 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.32 | 0.23 | 0.51 | 0.51 | |
| W5 1.80×0.11 | 0.08 | 0.17 | 0.17 | |
| 0.80×0.32 | | | | 0.00 |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.95 | 2.08 | 2.08 | 0.02 |
| 検　定 | 0.05 | 0.07 | 0.07 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 15.36 | 1.60 | 49.77 | 57.60 | 1.50 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X7
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.72 | 0.25 | 0.14 | 0.58 | 0.00 |
| P2 | 0.92 | 0.32 | 0.18 | 0.75 | |
| | 0.41 | | | | 0.00 |
| P3 | 0.81 | 0.67 | 0.37 | 0.44 | 0.01 |
| P4 | 1.04 | 0.87 | 0.48 | 0.56 | |
| | 0.46 | | | | 0.00 |
| P5 | 0.81 | 0.34 | 0.59 | 0.22 | 0.01 |
| P6 | 1.04 | 0.43 | 0.76 | 0.28 | |
| | 0.46 | | | | 0.00 |
| P7 | 3.47 | 1.45 | 2.53 | 0.94 | 0.03 |
| P8 | 4.29 | 1.80 | 3.13 | 1.16 | |
| | 1.91 | | | | 0.01 |
| P9 | 3.47 | 2.91 | 1.60 | 1.87 | 0.04 |
| P10 | 4.29 | 3.59 | 1.97 | 2.32 | |
| | 1.91 | | | | 0.02 |
| P11 | 2.99 | 1.03 | 0.57 | 2.42 | 0.02 |
| P12 | 3.69 | 1.28 | 0.70 | 2.99 | |
| | 1.64 | | | | 0.01 |
| W1 | 0.54×1.76 | 1.33 | 1.59 | 1.59 | 0.02 |
| W2 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W3 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W4 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.00 |
| W5 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.00 |
| W6 | 1.40×0.23 | 0.18 | 0.17 | 0.12 | 0.00 |
| W7 | 1.40×0.23 | 0.18 | 0.17 | 0.12 | 0.00 |
| W8 | 1.40×0.23 | 0.17 | 0.09 | 0.20 | 0.00 |
| W9 | 1.40×0.23 | 0.17 | 0.09 | 0.20 | 0.00 |
| W10 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| W11 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| W12 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W13 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W14 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W15 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W16 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| W17 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 合　計 | 18.28 | 17.03 | 18.32 | 0.19 | |
| | | | | | | 検　定 | 0.37 | 0.30 | 0.32 | 0.13 | |
| | | | | | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ | |
| | | | | | | 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |
| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.90 | Z<br>6050<br>×0.90 | fb<br>14.88 | fs<br>1.60 | Ma<br>81.02 | Qa<br>70.40 | δa<br>0.81 |

1/X7
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.03 | 0.04 | 0.39 | 0.00 |
| P2 | 0.57 | 0.04 | 0.06 | 0.51 | |
| | 0.25 | | | | 0.00 |
| P3 | 8.79 | 3.83 | 5.29 | 3.50 | 0.01 |
| P4 | 3.11 | 1.36 | 1.87 | 1.24 | 0.00 |
| P5 | 3.83 | 1.67 | 2.30 | 1.53 | |
| | 1.70 | | | | 0.00 |
| P6 | 0.97 | 0.42 | 0.59 | 0.39 | 0.00 |
| P7 | 2.13 | 0.93 | 1.28 | 0.85 | |
| | 1.40 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.38 | 0.86 | 0.86 | 0.00 |
| W2 | 1.40×0.11 | 0.06 | 0.13 | 0.13 | 0.00 |
| W3 | 1.40×0.19 | 0.04 | 0.15 | 0.04 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.10 | 0.19 | 0.00 |
| W5 | 1.40×0.10 | 0.00 | 0.00 | 0.02 | 0.00 |
| W6 | 1.80×0.11 | 0.07 | 0.17 | 0.17 | |
| W7 | 1.80×0.19 | 0.05 | 0.19 | 0.05 | |
| W8 | 1.80×0.23 | 0.10 | 0.13 | 0.24 | |
| W9 | 1.80×0.10 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.10 | | | | 0.00 |
| 合　計 | | 9.06 | 13.17 | 10.13 | 0.01 |
| 検　定 | | 0.11 | 0.19 | 0.14 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>14.88 | fs<br>1.60 | Ma<br>72.02 | Qa<br>70.40 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又
又Y5

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.43 | 0.17 | 0.24 | 0.20 | 0.00 |
| P2 | 0.56 | 0.22 | 0.30 | 0.26 | |
| | 0.25 | | | | 0.00 |
| P3 | 0.85 | 0.33 | 0.46 | 0.39 | 0.00 |
| P4 | 1.09 | 0.43 | 0.59 | 0.50 | |
| | 0.48 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.29 | 0.75 | 0.75 | 0.00 |
| W2 | 1.40×0.10 | 0.02 | 0.07 | 0.02 | 0.00 |
| W3 | 1.40×0.27 | 0.05 | 0.20 | 0.06 | 0.00 |
| W4 | 1.40×0.10 | 0.02 | 0.03 | 0.08 | 0.00 |
| W5 | 1.40×0.22 | 0.05 | 0.07 | 0.19 | 0.00 |
| W6 | 1.80×0.10 | 0.02 | 0.09 | 0.03 | |
| W7 | 1.80×0.27 | 0.07 | 0.26 | 0.08 | |
| W8 | 1.80×0.10 | 0.03 | 0.04 | 0.11 | |
| W9 | 1.80×0.22 | 0.06 | 0.09 | 0.24 | |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 1.77 | 3.20 | 2.90 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.04 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>14.88 | fs<br>1.60 | Ma<br>72.02 | Qa<br>70.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又Y5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.12 | 0.13 | 0.31 | 0.00 |
| P2 | 1.01 | 0.27 | 0.30 | 0.72 | |
| | 0.67 | | | | 0.00 |
| P3 | 1.33 | 0.35 | 0.39 | 0.94 | 0.00 |
| P4 | 3.04 | 0.81 | 0.89 | 2.15 | |
| | 1.99 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.25 | 0.05 | 0.21 | 0.12 | 0.00 |
| W3 | 1.40×0.25 | 0.05 | 0.21 | 0.12 | 0.00 |
| W4 | 1.40×0.20 | 0.01 | 0.02 | 0.10 | 0.00 |
| W5 | 1.40×0.20 | 0.01 | 0.02 | 0.10 | 0.00 |
| W6 | 3.20×0.25 | 0.12 | 0.48 | 0.26 | |
| W7 | 3.20×0.25 | 0.12 | 0.48 | 0.26 | |
| W8 | 3.20×0.20 | 0.03 | 0.04 | 0.22 | |
| W9 | 3.20×0.20 | 0.03 | 0.04 | 0.22 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| 合　計 | | 2.19 | 3.85 | 6.15 | 0.00 |
| 検　定 | | 0.03 | 0.05 | 0.09 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X7
又
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>14.88 | fs<br>1.60 | Ma<br>72.02 | Qa<br>70.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又
又Y6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.09 | 0.19 | 0.25 | 0.00 |
| P2 | 1.01 | 0.20 | 0.44 | 0.56 | |
| | 0.66 | | | | 0.00 |
| P3 | 1.30 | 0.27 | 0.57 | 0.73 | 0.00 |
| P4 | 2.97 | 0.61 | 1.31 | 1.67 | |
| | 1.95 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.25 | 0.02 | 0.13 | 0.05 | 0.00 |
| W3 | 1.40×0.25 | 0.02 | 0.13 | 0.05 | 0.00 |
| W4 | 1.40×0.20 | 0.01 | 0.02 | 0.09 | 0.00 |
| W5 | 1.40×0.20 | 0.01 | 0.02 | 0.09 | 0.00 |
| W6 | 3.20×0.25 | 0.04 | 0.29 | 0.11 | |
| W7 | 3.20×0.25 | 0.04 | 0.29 | 0.11 | |
| W8 | 3.20×0.20 | 0.03 | 0.06 | 0.20 | |
| W9 | 3.20×0.20 | 0.03 | 0.06 | 0.20 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| 合　計 | | 1.42 | 3.73 | 4.32 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.06 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.93 | B×D<br>12.0×55.0 | Ae<br>660.0<br>断面欠損有 | I<br>166375<br>×0.80 | Z<br>6050<br>×0.80 | fb<br>14.88 | fs<br>1.60 | Ma<br>72.02 | Qa<br>70.40 | δa<br>1.24 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X7
又Y6
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.44 | 0.30 | 0.22 | 0.22 | 0.00 |
| P2 | 1.01 | 0.68 | 0.49 | 0.51 | |
| | 0.66 | | | | 0.00 |
| P3 | 0.44 | 0.11 | 0.36 | 0.08 | 0.00 |
| P4 | 1.01 | 0.24 | 0.82 | 0.18 | |
| | 0.66 | | | | 0.00 |
| P5 | 1.01 | 0.24 | 0.17 | 0.85 | 0.00 |
| P6 | 2.31 | 0.55 | 0.38 | 1.93 | |
| | 1.52 | | | | 0.00 |
| P7 | 1.30 | 0.88 | 0.64 | 0.66 | 0.00 |
| P8 | 2.97 | 2.01 | 1.46 | 1.51 | |
| | 1.95 | | | | 0.01 |
| P9 | 1.30 | 0.32 | 1.06 | 0.24 | 0.00 |
| P10 | 2.97 | 0.72 | 2.43 | 0.54 | |
| | 1.95 | | | | 0.00 |
| P11 | 9.01 | 2.14 | 1.47 | 7.53 | 0.01 |
| P12 | 0.93 | 0.22 | 0.15 | 0.78 | 0.00 |
| P13 | 1.15 | 0.27 | 0.19 | 0.96 | |
| | 0.51 | | | | 0.00 |
| P14 | 2.65 | 0.63 | 0.43 | 2.22 | 0.00 |
| P15 | 5.78 | 1.37 | 0.94 | 4.83 | |
| | 3.79 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.92 | 1.32 | 1.32 | 0.01 |
| W2 | 1.40×0.23 | 0.14 | 0.09 | 0.20 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W4 | 1.40×0.23 | 0.14 | 0.09 | 0.20 | 0.00 |
| W5 | 1.40×0.12 | 0.01 | 0.01 | 0.07 | 0.00 |
| W6 | 1.40×0.25 | 0.02 | 0.16 | 0.02 | 0.00 |
| W7 | 1.40×0.25 | 0.02 | 0.16 | 0.02 | 0.00 |
| W8 | 1.40×0.23 | 0.13 | 0.19 | 0.10 | 0.00 |
| W9 | 1.40×0.23 | 0.13 | 0.19 | 0.10 | 0.00 |
| W10 | 3.20×0.23 | 0.31 | 0.22 | 0.45 | |
| W11 | 3.20×0.12 | 0.02 | 0.01 | 0.15 | |
| W12 | 3.20×0.23 | 0.31 | 0.22 | 0.45 | |
| W13 | 3.20×0.12 | 0.02 | 0.01 | 0.15 | |
| W14 | 3.20×0.25 | 0.05 | 0.37 | 0.04 | |
| W15 | 3.20×0.25 | 0.05 | 0.37 | 0.04 | |
| W16 | 3.20×0.23 | 0.31 | 0.43 | 0.23 | |
| W17 | 3.20×0.23 | 0.31 | 0.43 | 0.23 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.12 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.12 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |

| | | | | | |
|---|---|---|---|---|---|
| 2.10×0.23 | | | | 0.00 |
| 合　計 | 13.59 | 15.48 | 26.87 | 0.07 |
| 検　定 | 0.19 | 0.22 | 0.38 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×55.0 | 660.0 | 166375 | 6050 | 14.88 | 1.60 | 90.02 | 70.40 | 0.40 |
| | 係数 | 0.93 | 断面欠損無 | | | | | | | | |

1/X7
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 3.20×0.23 | 0.08 | 0.33 | 0.33 | |
| W5 3.20×0.23 | 0.08 | 0.33 | 0.33 | |
| 2.10×0.23 | | | | 0.00 |
| 2.10×0.23 | | | | 0.00 |
| 合　計 | 0.27 | 1.17 | 1.17 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X7
又
Y8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 37.38 | 49.92 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X7
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P2 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P3 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P4 | 0.55 | 0.29 | 0.44 | 0.10 | 0.03 |
| P5 | 0.14 | 0.08 | 0.12 | 0.03 | 0.01 |
| P6 | 0.19 | 0.10 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P7 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P8 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P9 | 0.29 | 0.34 | 0.11 | 0.18 | 0.02 |
| P10 | 0.37 | 0.44 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| W1 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W2 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W3 | 1.47×0.38 | 1.49 | 0.84 | 0.56 | 0.10 |
| W4 | 1.47×0.37 | 0.72 | 0.23 | 0.98 | 0.06 |
| W5 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| W6 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| W7 | 1.80×0.38 | 1.83 | 1.02 | 0.68 | |
| W8 | 1.80×0.37 | 0.89 | 0.29 | 1.20 | |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.38 | | | | 0.06 |
| | 0.80×0.37 | | | | 0.03 |
| 合　計 | | 12.37 | 6.70 | 8.00 | 0.64 |
| 検　定 | | 0.33 | 0.13 | 0.16 | 0.32 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
Y2
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.14 | 0.20 | 0.20 | 0.02 |
| W2 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.06 |
| W3 1.80×0.11 | 0.18 | 0.26 | 0.26 | |
| W4 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| 0.80×0.11 | | | | 0.01 |
| 0.80×0.38 | | | | 0.04 |
| 合　計 | 1.45 | 2.12 | 2.12 | 0.13 |
| 検　定 | 0.14 | 0.09 | 0.09 | 0.10 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.44 | 0.06 | 0.28 | 0.28 | 0.00 |
| W3 1.80×0.44 | 0.08 | 0.36 | 0.36 | |
| 0.80×0.44 | | | | 0.00 |
| W4 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.11 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.27 | 1.20 | 1.20 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |


| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.44 | 0.06 | 0.28 | 0.28 | 0.00 |
| W3 1.80×0.44 | 0.08 | 0.36 | 0.36 | |
| 0.80×0.44 | | | | 0.00 |
| W4 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.11 | 0.02 | 0.08 | 0.08 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.27 | 1.20 | 1.20 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.32 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又X7
又
Y5

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.10 | 0.01 | 0.05 | 0.05 | 0.00 |
| W2 1.80×0.10 | 0.01 | 0.06 | 0.06 | |
| 0.80×0.10 | | | | 0.00 |
| W3 1.40×0.19 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.19 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.19 | | | | 0.00 |
| 合　計 | 0.06 | 0.32 | 0.32 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.38 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X7
Y5
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.10 | 0.01 | 0.06 | 0.06 | 0.00 |
| W2 1.80×0.10 | 0.02 | 0.07 | 0.07 | |
| 0.80×0.10 | | | | 0.00 |
| W3 1.40×0.22 | 0.03 | 0.13 | 0.13 | 0.00 |
| W4 1.80×0.22 | 0.04 | 0.16 | 0.16 | |
| 0.80×0.22 | | | | 0.00 |
| 合　計 | 0.09 | 0.42 | 0.42 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 12000 | 12.0×39.0 | 468.0 | 59319 | 3042 | 21.12 | 2.00 | 51.40 | 62.40 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又
Y0
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 5.60 | 4.17 | 4.56 | 1.04 | |
| | 5.60 | | | | 0.23 |
| P2 | 17.35 | 12.92 | 14.12 | 3.23 | 0.71 |
| P3 | 0.12 | 0.09 | 0.05 | 0.07 | 0.01 |
| P4 | 0.16 | 0.12 | 0.06 | 0.10 | |
| | 0.07 | | | | 0.00 |
| P5 | 0.55 | 0.41 | 0.44 | 0.10 | 0.02 |
| P6 | 0.14 | 0.11 | 0.12 | 0.03 | 0.01 |
| P7 | 0.19 | 0.14 | 0.15 | 0.03 | |
| | 0.08 | | | | 0.00 |
| P8 | 0.29 | 0.21 | 0.11 | 0.18 | 0.02 |
| P9 | 0.37 | 0.27 | 0.14 | 0.23 | |
| | 0.17 | | | | 0.01 |
| P10 | 1.43 | 1.74 | 0.91 | 0.52 | 0.10 |
| P11 | 1.84 | 2.23 | 1.17 | 0.67 | |
| | 0.82 | | | | 0.06 |
| P12 | 0.82 | 0.61 | 0.67 | 0.15 | 0.03 |
| P13 | 0.35 | 0.26 | 0.28 | 0.06 | 0.01 |
| P14 | 0.44 | 0.33 | 0.36 | 0.08 | |
| | 0.20 | | | | 0.01 |
| W1 | 1.47×0.38 | 1.42 | 0.84 | 0.56 | 0.09 |
| W2 | 1.47×0.37 | 0.45 | 0.23 | 0.98 | 0.05 |
| W3 | 1.47×0.22 | 0.35 | 0.24 | 0.09 | 0.02 |
| W4 | 1.47×0.24 | 0.51 | 0.26 | 0.25 | 0.04 |
| W5 | 1.47×0.26 | 0.32 | 0.17 | 0.69 | 0.03 |
| W6 | 1.80×0.38 | 1.73 | 1.02 | 0.68 | |
| W7 | 1.80×0.37 | 0.55 | 0.29 | 1.20 | |
| W8 | 1.80×0.22 | 0.43 | 0.29 | 0.11 | |
| W9 | 1.80×0.24 | 0.62 | 0.32 | 0.31 | |
| W10 | 1.80×0.26 | 0.39 | 0.20 | 0.85 | |
| | 0.80×0.38 | | | | 0.05 |
| | 0.80×0.37 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.26 | | | | 0.02 |
| 合　計 | | 30.36 | 27.01 | 12.23 | 1.58 |
| 検　定 | | 0.59 | 0.43 | 0.20 | 0.79 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又
Y2
Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.37 | 0.48 | 0.70 | 0.70 | 0.06 |
| W2 1.40×0.38 | 0.49 | 0.72 | 0.72 | 0.06 |
| W3 1.80×0.37 | 0.61 | 0.90 | 0.90 | |
| W4 1.80×0.38 | 0.64 | 0.93 | 0.93 | |
| 0.80×0.37 | | | | 0.03 |
| 0.80×0.38 | | | | 0.04 |
| 合　計 | 2.22 | 3.25 | 3.25 | 0.19 |
| 検　定 | 0.21 | 0.14 | 0.14 | 0.16 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
Y0
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| 合　計 | 0.00 | 0.00 | 0.00 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
Y1
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.22 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.25 | 0.05 | 0.18 | 0.18 | 0.00 |
| W3 1.80×0.22 | 0.05 | 0.20 | 0.20 | |
| W4 1.80×0.25 | 0.06 | 0.23 | 0.23 | |
| 0.80×0.22 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.20 | 0.77 | 0.77 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>1.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.12 | 0.10 | 0.07 | 0.05 | 0.01 |
| P2 0.16 | 0.13 | 0.09 | 0.06 | |
| 0.07 | | | | 0.01 |
| P3 0.21 | 0.17 | 0.13 | 0.08 | 0.02 |
| P4 0.27 | 0.22 | 0.16 | 0.11 | |
| 0.12 | | | | 0.01 |
| W1 1.40×0.24 | 0.20 | 0.40 | 0.10 | 0.03 |
| W2 1.40×0.33 | 0.52 | 0.31 | 0.71 | 0.07 |
| W3 1.40×0.26 | 0.42 | 0.25 | 0.57 | 0.05 |
| W4 1.40×0.29 | 0.24 | 0.48 | 0.12 | 0.03 |
| W5 1.80×0.24 | 0.26 | 0.51 | 0.13 | |
| W6 1.80×0.33 | 0.67 | 0.40 | 0.92 | |
| W7 1.80×0.26 | 0.54 | 0.32 | 0.73 | |
| W8 1.80×0.29 | 0.31 | 0.62 | 0.15 | |
| 0.80×0.24 | | | | 0.01 |
| 0.80×0.33 | | | | 0.04 |
| 0.80×0.26 | | | | 0.03 |
| 0.80×0.29 | | | | 0.02 |
| 合　計 | 3.76 | 3.73 | 3.73 | 0.32 |
| 検　定 | 0.26 | 0.12 | 0.12 | 0.19 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>1.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
Y3
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.37 | 0.31 | 0.17 | 0.20 | 0.03 |
| P2 | 0.21 | 0.18 | 0.10 | 0.11 | 0.01 |
| P3 | 0.27 | 0.23 | 0.12 | 0.15 | |
| | 0.12 | | | | 0.01 |
| P4 | 0.72 | 0.25 | 0.14 | 0.58 | 0.03 |
| P5 | 0.92 | 0.32 | 0.18 | 0.75 | |
| | 0.41 | | | | 0.02 |
| P6 | 0.21 | 0.07 | 0.04 | 0.17 | 0.01 |
| P7 | 0.27 | 0.09 | 0.05 | 0.22 | |
| | 0.12 | | | | 0.00 |
| P8 | 0.81 | 0.67 | 0.37 | 0.44 | 0.05 |
| P9 | 1.04 | 0.87 | 0.48 | 0.56 | |
| | 0.46 | | | | 0.03 |
| P10 | 0.81 | 0.34 | 0.59 | 0.22 | 0.04 |
| P11 | 1.04 | 0.43 | 0.76 | 0.28 | |
| | 0.46 | | | | 0.02 |
| P12 | 0.21 | 0.09 | 0.15 | 0.06 | 0.01 |
| P13 | 0.27 | 0.11 | 0.20 | 0.07 | |
| | 0.12 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.61 | 0.34 | 1.13 | 0.06 |
| W2 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.01 |
| W4 | 1.40×0.23 | 0.18 | 0.17 | 0.12 | 0.02 |
| W5 | 1.40×0.23 | 0.18 | 0.17 | 0.11 | 0.02 |
| W6 | 1.40×0.23 | 0.17 | 0.09 | 0.19 | 0.02 |
| W7 | 1.40×0.23 | 0.17 | 0.09 | 0.20 | 0.02 |
| W8 | 1.40×0.23 | 0.06 | 0.25 | 0.04 | 0.01 |
| W9 | 1.40×0.16 | 0.02 | 0.01 | 0.13 | 0.00 |
| W10 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| W11 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W12 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W13 | 1.80×0.23 | 0.23 | 0.22 | 0.15 | |
| W14 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| W15 | 1.80×0.23 | 0.22 | 0.12 | 0.25 | |
| W16 | 1.80×0.23 | 0.08 | 0.32 | 0.05 | |
| W17 | 1.80×0.16 | 0.03 | 0.02 | 0.17 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 合　計 | 6.55 | 6.07 | 7.10 | 0.47 |
| | | | | | 検　定 | 0.44 | 0.20 | 0.23 | 0.31 |
| | | | | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| | | | | | 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | Ｅ | Ｂ×Ｄ | Ａｅ | Ｉ | Ｚ | fb | fs | Ｍａ | Ｑａ | δａ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X8
又
又

○　モーメント図

○　たわみ図

| 荷重 | Ｍｍ | Ｑ1 | Ｑ2 | δｍ |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 16.00 | 1.60 | 25.92 | 38.40 | 0.40 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X8
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.02 | 0.04 | 0.17 | 0.00 |
| P2 | 0.27 | 0.02 | 0.05 | 0.21 | |
| | 0.12 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 | 1.40×0.44 | 0.06 | 0.28 | 0.28 | 0.00 |
| W4 | 1.80×0.44 | 0.08 | 0.36 | 0.36 | |
| | 0.80×0.44 | | | | 0.00 |
| W5 | 1.40×0.19 | 0.02 | 0.11 | 0.07 | 0.00 |
| W6 | 1.40×0.10 | 0.00 | 0.00 | 0.02 | 0.00 |
| W7 | 1.80×0.19 | 0.03 | 0.14 | 0.09 | |
| W8 | 1.80×0.10 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.10 | | | | 0.00 |
| 合　計 | | 0.39 | 1.62 | 1.87 | 0.00 |
| 検　定 | | 0.02 | 0.04 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | | 断面欠損無 | | | | | | | |

1/X8
又
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>20.00 | fs<br>2.00 | Ma<br>32.40 | Qa<br>48.00 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.82 | 0.16 | 0.24 | 0.58 | |
| | 0.82 | | | | 0.00 |
| P2 | 34.70 | 6.59 | 10.30 | 24.41 | 0.02 |
| P3 | 0.70 | 0.13 | 0.21 | 0.49 | 0.00 |
| P4 | 0.17 | 0.03 | 0.05 | 0.12 | 0.00 |
| P5 | 0.21 | 0.04 | 0.06 | 0.15 | |
| | 0.09 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.04 | 0.22 | 0.22 | 0.00 |
| W2 | 0.54×1.67 | 0.02 | 0.04 | 0.21 | 0.00 |
| W3 | 0.54×1.67 | 0.06 | 0.37 | 0.20 | 0.00 |
| W4 | 1.40×0.44 | 0.05 | 0.28 | 0.28 | 0.00 |
| W5 | 1.80×0.44 | 0.07 | 0.36 | 0.36 | |
| | 0.80×0.44 | | | | 0.00 |
| W6 | 1.40×0.24 | 0.02 | 0.14 | 0.08 | 0.00 |
| W7 | 1.80×0.24 | 0.03 | 0.18 | 0.10 | |
| | 0.80×0.24 | | | | 0.00 |
| W8 | 1.40×0.07 | 0.00 | 0.00 | 0.02 | 0.00 |
| W9 | 1.80×0.07 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.07 | | | | 0.00 |
| 合　計 | | 7.24 | 12.45 | 27.23 | 0.02 |
| 検　定 | | 0.22 | 0.26 | 0.57 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X8
又
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.73 | 0.29 | 0.40 | 0.34 | 0.00 |
| P2 | 0.94 | 0.37 | 0.51 | 0.43 | |
| | 0.42 | | | | 0.00 |
| P3 | 0.21 | 0.08 | 0.11 | 0.10 | 0.00 |
| P4 | 0.27 | 0.11 | 0.15 | 0.12 | |
| | 0.12 | | | | 0.00 |
| W1 | 1.40×0.22 | 0.05 | 0.07 | 0.19 | 0.00 |
| W2 | 1.40×0.22 | 0.05 | 0.07 | 0.19 | 0.00 |
| W3 | 1.40×0.19 | 0.04 | 0.14 | 0.04 | 0.00 |
| W4 | 1.40×0.19 | 0.04 | 0.14 | 0.04 | 0.00 |
| W5 | 1.80×0.22 | 0.06 | 0.09 | 0.24 | |
| W6 | 1.80×0.22 | 0.06 | 0.09 | 0.24 | |
| W7 | 1.80×0.19 | 0.05 | 0.18 | 0.05 | |
| W8 | 1.80×0.19 | 0.05 | 0.18 | 0.05 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| 合　計 | | 1.24 | 2.13 | 2.03 | 0.01 |
| 検　定 | | 0.05 | 0.06 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X8
Y2
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.37 | 0.48 | 0.70 | 0.70 | 0.03 |
| W2 | 1.40×0.23 | 0.29 | 0.43 | 0.43 | 0.02 |
| W3 | 1.80×0.37 | 0.61 | 0.90 | 0.90 | |
| W4 | 1.80×0.23 | 0.38 | 0.55 | 0.55 | |
| | 0.80×0.37 | | | | 0.01 |
| | 0.80×0.23 | | | | 0.01 |
| 合　計 | | 1.76 | 2.58 | 2.58 | 0.06 |
| 検　定 | | 0.10 | 0.08 | 0.08 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y0
Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.06 | 0.00 | 0.02 | 0.02 | 0.00 |
| W2 0.30×0.06 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 0.70×0.03 | 0.00 | 0.01 | 0.01 | 0.00 |
| W4 0.70×1.86 | 0.20 | 0.71 | 0.71 | 0.00 |
| 合　計 | 0.21 | 0.75 | 0.75 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y1
又Y1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.08 | 0.45 | 0.45 | 0.00 |
| W2 0.70×1.86 | 0.08 | 0.47 | 0.47 | 0.00 |
| W3 1.40×0.28 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 1.80×0.28 | 0.03 | 0.18 | 0.18 | |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.22 | 1.24 | 1.24 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>48.77 | Qa<br>53.76 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y1
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.21 | 0.24 | 0.77 | 0.44 | 0.00 |
| P2 | 1.55 | 0.31 | 0.99 | 0.56 | |
| | 0.69 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.12 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×0.93 | 0.06 | 0.29 | 0.29 | 0.00 |
| W3 | 1.40×0.26 | 0.02 | 0.07 | 0.14 | 0.00 |
| W4 | 1.40×0.17 | 0.01 | 0.06 | 0.01 | 0.00 |
| W5 | 1.80×0.26 | 0.03 | 0.09 | 0.18 | |
| W6 | 1.80×0.17 | 0.01 | 0.08 | 0.02 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 0.81 | 2.91 | 2.22 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y1
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| 合　計 | 0.07 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×42.0 | 504.0 | 74088 | 3528 | 15.36 | 1.60 | 54.19 | 53.76 | 0.40 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×0.93 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.31 | 0.04 | 0.19 | 0.19 | 0.00 |
| W4 1.80×0.31 | 0.06 | 0.25 | 0.25 | |
| 0.80×0.31 | | | | 0.00 |
| 合　計 | 0.30 | 1.30 | 1.30 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損無 | I<br>74088 | Z<br>3528 | fb<br>15.36 | fs<br>1.60 | Ma<br>54.19 | Qa<br>53.76 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 0.70×1.86 | 0.01 | 0.14 | 0.14 | 0.00 |
| W3 1.40×0.11 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 1.80×0.11 | 0.00 | 0.02 | 0.02 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.02 | 0.31 | 0.31 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>60.96 | Qa<br>67.20 | δa<br>0.92 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
Y2

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.26 | 0.00 | 0.26 | 0.00 | 0.00 |
| P2 | 0.33 | 0.00 | 0.33 | 0.00 | |
| | 0.15 | | | | 0.00 |
| P3 | 1.10 | 0.31 | 0.42 | 0.68 | 0.00 |
| P4 | 0.80 | 0.22 | 0.31 | 0.49 | 0.00 |
| P5 | 0.42 | 0.12 | 0.16 | 0.26 | 0.00 |
| P6 | 0.55 | 0.15 | 0.21 | 0.34 | |
| | 0.24 | | | | 0.00 |
| P7 | 0.71 | 0.24 | 0.53 | 0.18 | 0.00 |
| P8 | 0.52 | 0.18 | 0.39 | 0.13 | 0.00 |
| P9 | 1.44 | 0.49 | 1.07 | 0.37 | 0.00 |
| P10 | 1.85 | 0.63 | 1.38 | 0.47 | |
| | 0.82 | | | | 0.00 |
| P11 | 2.84 | 0.96 | 2.11 | 0.72 | 0.01 |
| P12 | 2.54 | 0.86 | 1.89 | 0.65 | |
| | 2.54 | | | | 0.00 |
| P13 | 0.48 | 0.16 | 0.35 | 0.12 | |
| | 0.48 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.46 | 1.09 | 0.48 | 0.00 |
| W2 | 0.54×1.76 | 0.46 | 0.98 | 0.98 | 0.00 |
| W3 | 0.54×1.67 | 0.34 | 0.79 | 0.35 | 0.00 |
| W4 | 0.54×1.67 | 0.10 | 0.14 | 0.58 | 0.00 |
| W5 | 1.40×0.35 | 0.23 | 0.50 | 0.50 | 0.00 |
| W6 | 1.80×0.35 | 0.30 | 0.64 | 0.64 | |
| | 0.80×0.35 | | | | 0.00 |
| W7 | 1.40×0.41 | 0.01 | 0.01 | 0.02 | 0.00 |
| W8 | 1.40×0.43 | 0.07 | 0.09 | 0.38 | 0.00 |
| W9 | 1.80×0.41 | 0.01 | 0.01 | 0.02 | |
| W10 | 1.80×0.43 | 0.09 | 0.12 | 0.49 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.43 | | | | 0.00 |
| W11 | 1.40×0.35 | 0.14 | 0.20 | 0.16 | 0.00 |
| W12 | 1.40×0.36 | 0.04 | 0.23 | 0.03 | 0.00 |
| W13 | 1.80×0.35 | 0.18 | 0.26 | 0.20 | |
| W14 | 1.80×0.36 | 0.06 | 0.29 | 0.04 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.36 | | | | 0.00 |
| 合　計 | | 6.81 | 14.76 | 9.29 | 0.04 |
| 検　定 | | 0.11 | 0.22 | 0.14 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>52.57 | Qa<br>62.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y2
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.52 | 0.01 | 0.50 | 0.01 | 0.00 |
| P2 | 0.37 | 0.01 | 0.36 | 0.01 | 0.00 |
| P3 | 1.78 | 0.04 | 1.73 | 0.05 | 0.00 |
| P4 | 2.24 | 0.05 | 2.17 | 0.06 | |
| | 0.99 | | | | 0.00 |
| P5 | 2.06 | 0.05 | 2.00 | 0.06 | 0.00 |
| P6 | 1.84 | 0.04 | 1.79 | 0.05 | |
| | 1.84 | | | | 0.00 |
| P7 | 0.35 | 0.01 | 0.34 | 0.01 | |
| | 0.35 | | | | 0.00 |
| P8 | 1.91 | 0.61 | 1.12 | 0.79 | 0.00 |
| P9 | 2.38 | 0.76 | 1.40 | 0.99 | |
| | 1.06 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.21 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.37 | 0.59 | 0.00 |
| W3 | 0.54×1.67 | 0.02 | 0.24 | 0.03 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.22 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.09 | 0.28 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| W6 | 1.40×0.24 | 0.03 | 0.14 | 0.04 | 0.00 |
| W7 | 1.40×0.40 | 0.07 | 0.13 | 0.32 | 0.00 |
| W8 | 1.80×0.24 | 0.04 | 0.18 | 0.05 | |
| W9 | 1.80×0.40 | 0.09 | 0.17 | 0.41 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.40 | | | | 0.00 |
| 合　計 | | 2.40 | 13.78 | 4.60 | 0.01 |
| 検　定 | | 0.05 | 0.22 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.66 | 0.44 | 2.17 | 0.49 | 0.00 |
| P2 | 3.32 | 0.55 | 2.71 | 0.61 | |
| | 1.48 | | | | 0.00 |
| P3 | 2.84 | 0.06 | 0.13 | 2.71 | 0.00 |
| P4 | 3.54 | 0.08 | 0.17 | 3.37 | |
| | 1.57 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.10 | 0.43 | 0.13 | 0.00 |
| W3 | 0.54×1.67 | 0.08 | 0.19 | 0.49 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.22 | 0.22 | 0.00 |
| W5 | 1.80×0.23 | 0.08 | 0.28 | 0.28 | |
| | 0.80×0.23 | | | | 0.00 |
| W6 | 1.40×0.10 | 0.00 | 0.03 | 0.00 | 0.00 |
| W7 | 1.40×0.44 | 0.11 | 0.28 | 0.37 | 0.00 |
| W8 | 1.40×0.52 | 0.00 | 0.00 | 0.05 | 0.00 |
| W9 | 1.40×1.01 | 0.00 | 0.00 | 0.09 | 0.00 |
| W10 | 1.80×0.10 | 0.00 | 0.04 | 0.00 | |
| W11 | 1.80×0.44 | 0.15 | 0.36 | 0.47 | |
| W12 | 1.80×0.52 | 0.00 | 0.00 | 0.06 | |
| W13 | 1.80×1.01 | 0.00 | 0.00 | 0.11 | |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.52 | | | | 0.00 |
| | 0.80×1.01 | | | | 0.00 |
| 合　計 | | 1.94 | 7.66 | 10.08 | 0.01 |
| 検　定 | | 0.05 | 0.15 | 0.20 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
Y3

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.09 | 0.11 | 0.11 | 0.00 |
| P2 | 0.27 | 0.11 | 0.14 | 0.14 | |
| | 0.12 | | | | 0.00 |
| P3 | 3.01 | 1.34 | 1.38 | 1.63 | 0.01 |
| P4 | 3.75 | 1.67 | 1.72 | 2.04 | |
| | 1.67 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.00 | 0.00 | 0.06 | 0.00 |
| W2 | 0.54×1.76 | 0.39 | 0.86 | 0.80 | 0.00 |
| W3 | 0.54×1.67 | 0.37 | 0.82 | 0.82 | 0.00 |
| W4 | 1.40×0.23 | 0.07 | 0.07 | 0.21 | 0.00 |
| W5 | 1.40×0.23 | 0.06 | 0.21 | 0.07 | 0.00 |
| W6 | 1.80×0.23 | 0.09 | 0.09 | 0.27 | |
| W7 | 1.80×0.23 | 0.07 | 0.27 | 0.09 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W8 | 1.40×0.56 | 0.06 | 0.08 | 0.08 | 0.00 |
| W9 | 1.40×0.68 | 0.18 | 0.18 | 0.61 | 0.00 |
| W10 | 1.40×0.49 | 0.15 | 0.49 | 0.18 | 0.00 |
| W11 | 1.80×0.56 | 0.08 | 0.11 | 0.10 | |
| W12 | 1.80×0.68 | 0.23 | 0.23 | 0.78 | |
| W13 | 1.80×0.49 | 0.19 | 0.63 | 0.23 | |
| | 0.80×0.56 | | | | 0.00 |
| | 0.80×0.68 | | | | 0.00 |
| | 0.80×0.49 | | | | 0.00 |
| 合　計 | | 5.15 | 7.39 | 8.22 | 0.02 |
| 検　定 | | 0.14 | 0.15 | 0.16 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>0.69 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9

又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.03 | 0.09 | 0.12 | 0.00 |
| P2 | 0.27 | 0.04 | 0.11 | 0.16 | |
| | 0.12 | | | | 0.00 |
| P3 | 0.32 | 0.05 | 0.27 | 0.04 | 0.00 |
| P4 | 3.73 | 0.62 | 3.21 | 0.52 | 0.00 |
| P5 | 4.52 | 0.75 | 3.88 | 0.63 | |
| | 2.01 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.13 | 0.35 | 0.64 | 0.00 |
| W2 | 0.54×1.67 | 0.07 | 0.35 | 0.06 | 0.00 |
| W3 | 1.40×0.23 | 0.05 | 0.20 | 0.08 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.03 | 0.11 | 0.00 |
| W5 | 1.80×0.23 | 0.07 | 0.26 | 0.11 | |
| W6 | 1.80×0.16 | 0.01 | 0.04 | 0.15 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| W7 | 1.40×0.19 | 0.05 | 0.15 | 0.20 | 0.00 |
| W8 | 1.40×0.08 | 0.02 | 0.06 | 0.08 | 0.00 |
| W9 | 1.40×0.12 | 0.00 | 0.03 | 0.00 | 0.00 |
| W10 | 1.80×0.19 | 0.07 | 0.19 | 0.26 | |
| W11 | 1.80×0.08 | 0.03 | 0.08 | 0.10 | |
| W12 | 1.80×0.12 | 0.00 | 0.04 | 0.00 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.08 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 2.01 | 9.34 | 3.27 | 0.01 |
| 検　定 | | 0.05 | 0.19 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 42.05 | 49.92 | 0.81 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X9
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | 0.08 | 0.13 | 0.08 | 0.00 |
| P2 | 0.27 | 0.10 | 0.16 | 0.11 | |
| | 0.12 | | | | 0.00 |
| P3 | 0.70 | 0.09 | 0.10 | 0.60 | 0.00 |
| P4 | 0.17 | 0.02 | 0.02 | 0.14 | 0.00 |
| P5 | 0.21 | 0.03 | 0.03 | 0.18 | |
| | 0.09 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.02 | 0.02 | 0.23 | 0.00 |
| W2 | 0.54×1.67 | 0.36 | 0.80 | 0.60 | 0.00 |
| W3 | 1.40×0.19 | 0.03 | 0.15 | 0.04 | 0.00 |
| W4 | 1.40×0.21 | 0.08 | 0.09 | 0.15 | 0.00 |
| W5 | 1.80×0.19 | 0.04 | 0.19 | 0.05 | |
| W6 | 1.80×0.21 | 0.10 | 0.11 | 0.19 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.21 | | | | 0.00 |
| W7 | 1.40×0.30 | 0.17 | 0.37 | 0.37 | 0.00 |
| W8 | 1.80×0.30 | 0.22 | 0.48 | 0.48 | |
| | 0.80×0.30 | | | | 0.00 |
| W9 | 1.40×0.07 | 0.00 | 0.00 | 0.02 | 0.00 |
| W10 | 1.80×0.07 | 0.00 | 0.00 | 0.03 | |
| | 0.80×0.07 | | | | 0.00 |
| 合　計 | | 1.34 | 2.67 | 3.26 | 0.01 |
| 検　定 | | 0.03 | 0.05 | 0.07 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.87 | 0.63 | 0.63 | 1.25 | 0.00 |
| P2 | 2.33 | 0.78 | 0.78 | 1.55 | |
| | 1.04 | | | | 0.00 |
| P3 | 0.21 | 0.06 | 0.11 | 0.10 | 0.00 |
| P4 | 0.27 | 0.07 | 0.15 | 0.12 | |
| | 0.12 | | | | 0.00 |
| W1 | 1.40×0.22 | 0.06 | 0.07 | 0.19 | 0.00 |
| W2 | 1.40×0.19 | 0.02 | 0.14 | 0.04 | 0.00 |
| W3 | 1.40×0.44 | 0.12 | 0.42 | 0.21 | 0.00 |
| W4 | 1.40×0.46 | 0.04 | 0.04 | 0.06 | 0.00 |
| W5 | 1.40×0.46 | 0.06 | 0.06 | 0.28 | 0.00 |
| W6 | 1.80×0.22 | 0.07 | 0.09 | 0.24 | |
| W7 | 1.80×0.19 | 0.03 | 0.18 | 0.05 | |
| W8 | 1.80×0.44 | 0.16 | 0.55 | 0.27 | |
| W9 | 1.80×0.46 | 0.05 | 0.05 | 0.08 | |
| W10 | 1.80×0.46 | 0.07 | 0.07 | 0.36 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| 合　計 | | 2.21 | 3.34 | 4.81 | 0.01 |
| 検　定 | | 0.06 | 0.07 | 0.10 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y5
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 |
| P2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| P3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 0.00 | | | | 0.00 |
| P4 | 0.15 | 0.03 | 0.09 | 0.06 | 0.00 |
| P5 | 0.33 | 0.06 | 0.21 | 0.13 | |
| | 0.22 | | | | 0.00 |
| P6 | 1.33 | 0.35 | 0.39 | 0.94 | 0.00 |
| P7 | 3.04 | 0.81 | 0.89 | 2.15 | |
| | 1.99 | | | | 0.01 |
| P8 | 0.32 | 0.07 | 0.08 | 0.25 | 0.00 |
| P9 | 0.74 | 0.16 | 0.17 | 0.57 | |
| | 0.48 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 1.40×0.25 | 0.05 | 0.21 | 0.12 | 0.00 |
| W3 | 1.40×0.20 | 0.01 | 0.02 | 0.10 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.09 | 0.02 | 0.00 |
| W5 | 1.40×0.26 | 0.05 | 0.08 | 0.11 | 0.00 |
| W6 | 1.40×0.47 | 0.02 | 0.02 | 0.19 | 0.00 |
| W7 | 3.20×0.25 | 0.12 | 0.48 | 0.26 | |
| W8 | 3.20×0.20 | 0.03 | 0.04 | 0.22 | |
| W9 | 3.20×0.16 | 0.02 | 0.21 | 0.05 | |
| W10 | 3.20×0.26 | 0.11 | 0.18 | 0.25 | |
| W11 | 3.20×0.47 | 0.05 | 0.06 | 0.42 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.16 | | | | 0.00 |
| | 2.10×0.26 | | | | 0.00 |
| | 2.10×0.47 | | | | 0.00 |
| 合　計 | | 2.15 | 3.86 | 6.46 | 0.03 |
| 検　定 | | 0.15 | 0.13 | 0.21 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.30 | 0.29 | 0.61 | 0.69 | 0.00 |
| P2 | 2.97 | 0.66 | 1.40 | 1.57 | |
| | 1.95 | | | | 0.00 |
| P3 | 0.58 | 0.08 | 0.14 | 0.44 | 0.00 |
| P4 | 1.33 | 0.17 | 0.32 | 1.01 | |
| | 0.87 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.23 | 0.23 | 0.00 |
| W2 | 1.40×0.25 | 0.02 | 0.13 | 0.05 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.03 | 0.11 | 0.00 |
| W4 | 1.40×0.77 | 0.02 | 0.03 | 0.22 | 0.00 |
| W5 | 1.40×0.29 | 0.04 | 0.19 | 0.11 | 0.00 |
| W6 | 3.20×0.25 | 0.04 | 0.30 | 0.11 | |
| W7 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| W8 | 3.20×0.77 | 0.04 | 0.07 | 0.50 | |
| W9 | 3.20×0.29 | 0.09 | 0.42 | 0.26 | |
| | 2.10×0.25 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.77 | | | | 0.00 |
| | 2.10×0.29 | | | | 0.00 |
| 合　計 | | 1.56 | 3.95 | 5.54 | 0.01 |
| 検　定 | | 0.11 | 0.13 | 0.18 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.43 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.23 | 0.23 | 0.00 |
| 合　計 | 0.05 | 0.23 | 0.23 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又Y6
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y6
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.30 | 0.30 | 0.65 | 0.65 | 0.00 |
| P2 | 2.97 | 0.68 | 1.49 | 1.49 | |
| | 1.95 | | | | 0.00 |
| P3 | 0.75 | 0.03 | 0.08 | 0.67 | 0.00 |
| P4 | 1.72 | 0.08 | 0.17 | 1.54 | |
| | 1.13 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W4 | 1.40×0.53 | 0.00 | 0.01 | 0.06 | 0.00 |
| W5 | 1.40×1.01 | 0.00 | 0.01 | 0.12 | 0.00 |
| W6 | 1.40×0.38 | 0.05 | 0.23 | 0.19 | 0.00 |
| W7 | 3.20×0.23 | 0.04 | 0.25 | 0.08 | |
| W8 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| W9 | 3.20×0.53 | 0.01 | 0.02 | 0.13 | |
| W10 | 3.20×1.01 | 0.01 | 0.01 | 0.28 | |
| W11 | 3.20×0.38 | 0.12 | 0.54 | 0.44 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.53 | | | | 0.00 |
| | 2.10×1.01 | | | | 0.00 |
| | 2.10×0.38 | | | | 0.00 |
| 合　計 | | 1.44 | 3.90 | 6.27 | 0.01 |
| 検　定 | | 0.10 | 0.13 | 0.20 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.30 | 0.30 | 0.65 | 0.65 | 0.00 |
| P2 | 2.97 | 0.68 | 1.49 | 1.49 | |
| | 1.95 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.40×0.51 | 0.07 | 0.32 | 0.32 | 0.00 |
| W5 | 3.20×0.23 | 0.04 | 0.08 | 0.25 | |
| W6 | 3.20×0.23 | 0.04 | 0.25 | 0.08 | |
| W7 | 3.20×0.51 | 0.17 | 0.73 | 0.73 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.51 | | | | 0.00 |
| 合　計 | | 1.37 | 3.88 | 3.88 | 0.01 |
| 検　定 | | 0.08 | 0.13 | 0.13 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又Y7

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/X9
又Y7
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y7
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.01 | 0.23 | 0.51 | 0.51 | 0.00 |
| P2 | 2.31 | 0.53 | 1.16 | 1.16 | |
| | 1.52 | | | | 0.00 |
| P3 | 0.92 | 0.02 | 0.87 | 0.05 | 0.00 |
| P4 | 2.10 | 0.05 | 1.99 | 0.11 | |
| | 1.38 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.02 | 0.11 | 0.04 | 0.00 |
| W3 | 1.40×0.12 | 0.01 | 0.02 | 0.05 | 0.00 |
| W4 | 1.40×2.60 | 0.00 | 0.17 | 0.00 | 0.00 |
| W5 | 1.40×0.67 | 0.10 | 0.38 | 0.42 | 0.00 |
| W6 | 1.40×0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| W7 | 3.20×0.23 | 0.04 | 0.25 | 0.08 | |
| W8 | 3.20×0.12 | 0.02 | 0.04 | 0.12 | |
| W9 | 3.20×2.60 | 0.01 | 0.40 | 0.01 | |
| W10 | 3.20×0.67 | 0.22 | 0.87 | 0.97 | |
| W11 | 3.20×0.03 | 0.00 | 0.00 | 0.00 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.12 | | | | 0.00 |
| | 2.10×2.60 | | | | 0.00 |
| | 2.10×0.67 | | | | 0.00 |
| | 2.10×0.03 | | | | 0.00 |
| 合　計 | | 1.28 | 6.97 | 3.74 | 0.01 |
| 検　定 | | 0.09 | 0.23 | 0.12 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 16.59 | 30.72 | 0.40 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X9
又
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.04 | 0.14 | 0.82 | 0.22 | 0.00 |
| P2 | 2.38 | 0.32 | 1.88 | 0.50 | |
| | 1.56 | | | | 0.00 |
| W1 | 0.54×0.88 | 0.04 | 0.22 | 0.22 | 0.00 |
| W2 | 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 | 1.40×0.11 | 0.00 | 0.02 | 0.00 | 0.00 |
| W4 | 1.40×1.13 | 0.02 | 0.27 | 0.03 | 0.00 |
| W5 | 1.40×0.52 | 0.05 | 0.20 | 0.31 | 0.00 |
| W6 | 3.20×0.23 | 0.06 | 0.33 | 0.33 | |
| W7 | 3.20×0.11 | 0.00 | 0.06 | 0.01 | |
| W8 | 3.20×1.13 | 0.05 | 0.62 | 0.07 | |
| W9 | 3.20×0.52 | 0.12 | 0.47 | 0.72 | |
| | 2.10×0.23 | | | | 0.00 |
| | 2.10×0.11 | | | | 0.00 |
| | 2.10×1.13 | | | | 0.00 |
| | 2.10×0.52 | | | | 0.00 |
| 合　計 | | 0.83 | 5.04 | 2.55 | 0.00 |
| 検　定 | | 0.05 | 0.16 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | | 断面欠損無 | | | | | | | |

1/X9
又
Y8

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×0.88 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | | 0.05 | 0.22 | 0.22 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.60 | Z<br>4050<br>×0.60 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.32 | Qa<br>57.60 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又Y1
又X11
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.21 | -0.13 | 0.00 | 0.21 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.70 | -0.10 | 0.00 | 0.33 | 0.00 |
| 合　計 | | -0.23 | 0.00 | 0.54 | 0.00 |
| 検　定 | | 0.01 | 0.00 | 0.01 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>69.98 | Qa<br>72.00 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.03 | 1.32 | 1.20 | 1.83 | |
| | 3.03 | | | | 0.00 |
| P2 | 6.39 | 2.78 | 2.53 | 3.86 | 0.01 |
| P3 | 0.56 | 0.25 | 0.22 | 0.34 | 0.00 |
| P4 | 0.41 | 0.18 | 0.16 | 0.25 | 0.00 |
| P5 | 0.22 | 0.09 | 0.09 | 0.13 | 0.00 |
| P6 | 0.28 | 0.12 | 0.11 | 0.17 | |
| | 0.12 | | | | 0.00 |
| P7 | 0.85 | 0.16 | 0.64 | 0.21 | 0.00 |
| P8 | 0.62 | 0.11 | 0.47 | 0.16 | 0.00 |
| P9 | 1.59 | 0.29 | 1.19 | 0.40 | 0.00 |
| P10 | 2.04 | 0.37 | 1.53 | 0.51 | |
| | 0.91 | | | | 0.00 |
| P11 | 5.79 | 1.05 | 4.35 | 1.45 | 0.01 |
| P12 | 1.83 | 0.33 | 1.37 | 0.46 | |
| | 1.83 | | | | 0.00 |
| P13 | 1.28 | 0.23 | 0.96 | 0.32 | |
| | 1.28 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.30 | 0.95 | 0.41 | 0.00 |
| W2 | 0.70×1.86 | 0.31 | 1.00 | 0.43 | 0.00 |
| W3 | 0.70×1.77 | 0.19 | 0.18 | 0.72 | 0.00 |
| W4 | 0.70×1.86 | 0.20 | 0.18 | 0.75 | 0.00 |
| W5 | 0.70 | 0.13 | 0.42 | 0.18 | 0.00 |
| W6 | 1.40×0.24 | 0.05 | 0.05 | 0.19 | 0.00 |
| W7 | 1.80×0.24 | 0.06 | 0.06 | 0.24 | |
| | 0.80×0.24 | | | | 0.00 |
| W8 | 1.40×0.81 | 0.05 | 0.45 | 0.06 | 0.00 |
| W9 | 1.40×0.24 | 0.07 | 0.12 | 0.09 | 0.00 |
| W10 | 1.80×0.81 | 0.06 | 0.58 | 0.08 | |
| W11 | 1.80×0.24 | 0.08 | 0.15 | 0.11 | |
| | 0.80×0.81 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 8.80 | 18.95 | 13.35 | 0.03 |
| 検　定 | | 0.13 | 0.26 | 0.19 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×3.27 | 0.24 | 1.04 | 1.04 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.07 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 1.80×0.07 | 0.01 | 0.06 | 0.06 | |
| 0.80×0.07 | | | | 0.00 |
| 合　計 | 0.39 | 1.73 | 1.73 | 0.00 |
| 検　定 | 0.02 | 0.06 | 0.06 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>18.43 | Qa<br>38.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又

P1,2,3,4,5,6,7,8,9,10

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.33 | 1.13 | 1.76 | 1.57 | |
| | 3.33 | | | | 0.02 |
| P2 | 15.06 | 5.12 | 7.94 | 7.12 | 0.07 |
| P3 | 0.56 | 0.19 | 0.30 | 0.27 | 0.00 |
| P4 | 0.41 | 0.14 | 0.22 | 0.19 | 0.00 |
| P5 | 0.22 | 0.07 | 0.11 | 0.10 | 0.00 |
| P6 | 0.28 | 0.10 | 0.15 | 0.13 | |
| | 0.12 | | | | 0.00 |
| P7 | 0.65 | 0.22 | 0.34 | 0.31 | 0.00 |
| P8 | 0.47 | 0.16 | 0.25 | 0.22 | 0.00 |
| P9 | 0.25 | 0.08 | 0.13 | 0.12 | 0.00 |
| P10 | 0.32 | 0.11 | 0.17 | 0.15 | |
| | 0.14 | | | | 0.00 |
| W1 | 1.40×0.27 | 0.04 | 0.07 | 0.20 | 0.00 |
| W2 | 1.40×0.23 | 0.04 | 0.06 | 0.17 | 0.00 |
| W3 | 1.80×0.27 | 0.06 | 0.09 | 0.25 | |
| W4 | 1.80×0.23 | 0.05 | 0.08 | 0.21 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| W5 | 1.40×0.27 | 0.04 | 0.18 | 0.06 | 0.00 |
| W6 | 1.40×0.23 | 0.03 | 0.15 | 0.05 | 0.00 |
| W7 | 1.80×0.27 | 0.05 | 0.24 | 0.07 | |
| W8 | 1.80×0.23 | 0.04 | 0.20 | 0.06 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 7.70 | 12.44 | 11.25 | 0.10 |
| 検　定 | | 0.42 | 0.32 | 0.29 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>28.80 | Qa<br>48.00 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又

P1, 2, 3, 4, 5, 6, 7, 8, 9, 10

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 8.29 | 2.82 | 4.37 | 3.92 | |
| | 8.29 | | | | 0.02 |
| P2 | 5.21 | 1.77 | 2.75 | 2.46 | 0.01 |
| P3 | 0.65 | 0.22 | 0.34 | 0.31 | 0.00 |
| P4 | 0.47 | 0.16 | 0.25 | 0.22 | 0.00 |
| P5 | 0.25 | 0.08 | 0.13 | 0.12 | 0.00 |
| P6 | 0.32 | 0.11 | 0.17 | 0.15 | |
| | 0.14 | | | | 0.00 |
| P7 | 1.10 | 0.38 | 0.58 | 0.52 | 0.00 |
| P8 | 0.80 | 0.27 | 0.42 | 0.38 | 0.00 |
| P9 | 0.42 | 0.14 | 0.22 | 0.20 | 0.00 |
| P10 | 0.55 | 0.19 | 0.29 | 0.26 | |
| | 0.24 | | | | 0.00 |
| W1 | 1.40×0.26 | 0.04 | 0.07 | 0.19 | 0.00 |
| W2 | 1.40×0.51 | 0.09 | 0.13 | 0.37 | 0.00 |
| W3 | 1.80×0.26 | 0.06 | 0.09 | 0.25 | |
| W4 | 1.80×0.51 | 0.11 | 0.17 | 0.48 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.51 | | | | 0.00 |
| W5 | 1.40×0.41 | 0.06 | 0.28 | 0.09 | 0.00 |
| W6 | 1.40×0.26 | 0.04 | 0.18 | 0.05 | 0.00 |
| W7 | 1.80×0.41 | 0.08 | 0.36 | 0.11 | |
| W8 | 1.80×0.26 | 0.05 | 0.23 | 0.07 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 6.67 | 11.03 | 10.14 | 0.04 |
| 検　定 | | 0.23 | 0.23 | 0.21 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 1.40×0.19 | 0.03 | 0.12 | 0.12 | 0.00 |
| W4 1.80×0.19 | 0.04 | 0.16 | 0.16 | |
| 0.80×0.19 | | | | 0.00 |
| W5 1.40×0.16 | 0.02 | 0.10 | 0.10 | 0.00 |
| W6 1.80×0.16 | 0.03 | 0.12 | 0.12 | |
| 0.80×0.16 | | | | 0.00 |
| 合　計 | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.97 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×3.27 | 1.37 | 2.50 | 2.50 | 0.05 |
| W2 0.70×1.86 | 0.78 | 1.42 | 1.42 | 0.03 |
| W3 1.40×0.15 | 0.12 | 0.23 | 0.23 | 0.00 |
| W4 1.80×0.15 | 0.16 | 0.29 | 0.29 | |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 2.43 | 4.44 | 4.44 | 0.08 |
| 検　定 | 0.13 | 0.14 | 0.14 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×45.0 | 540.0 | 91125 | 4050 | 15.36 | 1.60 | 55.99 | 57.60 | 0.81 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又X12
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.41 | 0.29 | 1.06 | 0.35 | 0.00 |
| P2 | 1.75 | 0.36 | 1.31 | 0.44 | |
| | 0.78 | | | | 0.00 |
| P3 | 2.21 | 0.55 | 0.55 | 1.66 | 0.00 |
| P4 | 2.74 | 0.69 | 0.68 | 2.06 | |
| | 1.22 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.53 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.80 | 0.05 | 0.45 | 0.06 | 0.00 |
| W4 | 1.40×0.80 | 0.34 | 0.51 | 0.51 | 0.00 |
| W5 | 1.40×0.77 | 0.06 | 0.06 | 0.43 | 0.00 |
| W6 | 1.80×0.80 | 0.07 | 0.57 | 0.08 | |
| W7 | 1.80×0.80 | 0.44 | 0.66 | 0.66 | |
| W8 | 1.80×0.77 | 0.08 | 0.08 | 0.55 | |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.77 | | | | 0.00 |
| 合　計 | | 3.97 | 8.24 | 9.10 | 0.01 |
| 検　定 | | 0.07 | 0.14 | 0.16 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.46 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又X10
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.17 | 0.65 | 0.65 | 0.01 |
| W2 | 0.54×1.67 | 0.12 | 0.47 | 0.47 | 0.00 |
| W3 | 1.40×0.19 | 0.04 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.19 | 0.05 | 0.18 | 0.18 | |
| | 0.80×0.19 | | | | 0.00 |
| W5 | 1.40×0.16 | 0.03 | 0.11 | 0.11 | 0.00 |
| W6 | 1.80×0.16 | 0.04 | 0.14 | 0.14 | |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.44 | 1.69 | 1.69 | 0.01 |
| 検　定 | | 0.06 | 0.09 | 0.09 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×42.0 | Ae<br>504.0<br>断面欠損有 | I<br>74088<br>×0.90 | Z<br>3528<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>60.96 | Qa<br>67.20 | δa<br>1.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.92 | 0.74 | 0.54 | 0.39 | 0.01 |
| P2 | 0.67 | 0.54 | 0.39 | 0.28 | 0.01 |
| P3 | 1.01 | 0.81 | 0.59 | 0.42 | 0.01 |
| P4 | 1.30 | 1.04 | 0.76 | 0.55 | |
| | 0.58 | | | | 0.01 |
| P5 | 2.75 | 2.19 | 1.60 | 1.15 | 0.03 |
| P6 | 4.37 | 3.48 | 2.54 | 1.83 | |
| | 4.37 | | | | 0.05 |
| P7 | 0.64 | 0.25 | 0.17 | 0.47 | 0.01 |
| P8 | 0.47 | 0.18 | 0.13 | 0.34 | 0.00 |
| P9 | 0.71 | 0.28 | 0.19 | 0.52 | 0.01 |
| P10 | 0.92 | 0.36 | 0.25 | 0.67 | |
| | 0.41 | | | | 0.00 |
| P11 | 4.58 | 1.80 | 1.24 | 3.34 | 0.04 |
| P12 | 1.76 | 0.69 | 0.48 | 1.28 | |
| | 1.76 | | | | 0.01 |
| W1 | 1.40×0.18 | 0.14 | 0.28 | 0.07 | 0.00 |
| W2 | 1.40×0.11 | 0.20 | 0.24 | 0.24 | 0.00 |
| W3 | 1.40×0.17 | 0.15 | 0.11 | 0.14 | 0.00 |
| W4 | 1.40×0.17 | 0.04 | 0.03 | 0.19 | 0.00 |
| W5 | 1.80×0.18 | 0.18 | 0.36 | 0.09 | |
| W6 | 1.80×0.11 | 0.25 | 0.31 | 0.31 | |
| W7 | 1.80×0.17 | 0.20 | 0.14 | 0.18 | |
| W8 | 1.80×0.17 | 0.06 | 0.04 | 0.24 | |
| | 0.80×0.18 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.00 |
| 合　計 | | 13.59 | 10.36 | 12.70 | 0.20 |
| 検　定 | | 0.22 | 0.15 | 0.19 | 0.13 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.79 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X10
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.49 | 1.10 | 1.10 | 0.03 |
| W2 | 0.54×1.67 | 0.36 | 0.80 | 0.80 | 0.02 |
| W3 | 1.40×0.20 | 0.11 | 0.24 | 0.24 | 0.01 |
| W4 | 1.80×0.20 | 0.14 | 0.31 | 0.31 | |
| | 0.80×0.20 | | | | 0.00 |
| W5 | 1.40×0.15 | 0.08 | 0.18 | 0.18 | 0.00 |
| W6 | 1.80×0.15 | 0.10 | 0.23 | 0.23 | |
| | 0.80×0.15 | | | | 0.00 |
| 合　計 | | 1.28 | 2.88 | 2.88 | 0.06 |
| 検　定 | | 0.12 | 0.12 | 0.12 | 0.08 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>55.99 | Qa<br>57.60 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又Y2

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.55 | 0.58 | 1.28 | 1.28 | 0.00 |
| P2 | 3.17 | 0.72 | 1.59 | 1.59 | |
| | 1.41 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.84 | 0.06 | 0.40 | 0.13 | 0.00 |
| W4 | 1.40×0.77 | 0.06 | 0.12 | 0.37 | 0.00 |
| W5 | 1.80×0.84 | 0.08 | 0.51 | 0.17 | |
| W6 | 1.80×0.77 | 0.07 | 0.16 | 0.47 | |
| | 0.80×0.84 | | | | 0.00 |
| | 0.80×0.77 | | | | 0.00 |
| 合　計 | | 1.83 | 5.21 | 5.16 | 0.00 |
| 検　定 | | 0.03 | 0.09 | 0.09 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.80 | 0.03 | 0.25 | 0.25 | 0.00 |
| W2 1.40×0.28 | 0.01 | 0.09 | 0.09 | 0.00 |
| W3 1.80×0.80 | 0.04 | 0.32 | 0.32 | |
| W4 1.80×0.28 | 0.01 | 0.11 | 0.11 | |
| 0.80×0.80 | | | | 0.00 |
| 0.80×0.28 | | | | 0.00 |
| 合　計 | 0.09 | 0.78 | 0.78 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X10
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.39 | 0.06 | 0.24 | 0.24 | 0.00 |
| W2 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.39 | 0.07 | 0.31 | 0.31 | |
| W4 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| 0.80×0.39 | | | | 0.00 |
| 0.80×0.80 | | | | 0.00 |
| 合　計 | 0.39 | 1.71 | 1.71 | 0.01 |
| 検　定 | 0.05 | 0.09 | 0.09 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 19.20 | 2.00 | 46.73 | 62.40 | 1.84 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X9
又Y2
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.83 | 0.85 | 0.39 | 0.44 | 0.02 |
| P2 | 0.60 | 0.62 | 0.28 | 0.32 | 0.02 |
| P3 | 1.02 | 1.05 | 0.48 | 0.54 | 0.03 |
| P4 | 1.32 | 1.35 | 0.62 | 0.70 | |
| | 0.58 | | | | 0.02 |
| P5 | 2.46 | 2.53 | 1.16 | 1.30 | 0.07 |
| P6 | 3.92 | 4.03 | 1.84 | 2.07 | |
| | 3.92 | | | | 0.12 |
| P7 | 0.57 | 0.27 | 0.13 | 0.45 | 0.01 |
| P8 | 0.42 | 0.20 | 0.09 | 0.33 | 0.01 |
| P9 | 0.69 | 0.33 | 0.15 | 0.54 | 0.01 |
| P10 | 0.88 | 0.42 | 0.19 | 0.69 | |
| | 0.39 | | | | 0.01 |
| P11 | 4.10 | 1.96 | 0.90 | 3.20 | 0.08 |
| P12 | 1.57 | 0.75 | 0.35 | 1.23 | |
| | 1.57 | | | | 0.03 |
| P13 | 0.34 | 0.16 | 0.26 | 0.08 | 0.01 |
| P14 | 0.44 | 0.20 | 0.34 | 0.10 | |
| | 0.20 | | | | 0.00 |
| W1 | 1.47×0.17 | 0.20 | 0.09 | 0.17 | 0.01 |
| W2 | 1.47×0.17 | 0.27 | 0.39 | 0.14 | 0.01 |
| W3 | 1.47×0.13 | 0.35 | 0.22 | 0.36 | 0.01 |
| W4 | 1.47×0.17 | 0.05 | 0.03 | 0.20 | 0.00 |
| W5 | 1.47×0.13 | 0.04 | 0.16 | 0.02 | 0.00 |
| W6 | 1.80×0.17 | 0.24 | 0.11 | 0.21 | |
| W7 | 1.80×0.17 | 0.34 | 0.48 | 0.17 | |
| W8 | 1.80×0.13 | 0.43 | 0.27 | 0.44 | |
| W9 | 1.80×0.17 | 0.07 | 0.03 | 0.25 | |
| W10 | 1.80×0.13 | 0.05 | 0.20 | 0.03 | |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.17 | | | | 0.01 |
| | 0.80×0.13 | | | | 0.01 |
| | 0.80×0.17 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 16.78 | 9.16 | 13.96 | 0.48 |
| 検　定 | | 0.36 | 0.15 | 0.22 | 0.26 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損有 | I<br>91125<br>×0.90 | Z<br>4050<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>55.99 | Qa<br>57.60 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y2
又X14
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.90 | 0.66 | 1.45 | 1.45 | 0.00 |
| P2 | 3.60 | 0.82 | 1.80 | 1.80 | |
| | 1.60 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.84 | 0.06 | 0.40 | 0.13 | 0.00 |
| W4 | 1.40×0.77 | 0.06 | 0.12 | 0.37 | 0.00 |
| W5 | 1.80×0.84 | 0.08 | 0.51 | 0.17 | |
| W6 | 1.80×0.77 | 0.07 | 0.16 | 0.47 | |
| | 0.80×0.84 | | | | 0.00 |
| | 0.80×0.77 | | | | 0.00 |
| 合　計 | | 2.01 | 5.59 | 5.54 | 0.00 |
| 検　定 | | 0.04 | 0.10 | 0.10 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 37.38 | 49.92 | 1.96 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X9
又Y2
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.75 | 0.60 | 0.54 | 0.21 | 0.02 |
| P2 | 0.96 | 0.77 | 0.69 | 0.27 | |
| | 0.43 | | | | 0.01 |
| P3 | 0.34 | 0.27 | 0.25 | 0.09 | 0.01 |
| P4 | 0.44 | 0.35 | 0.32 | 0.12 | |
| | 0.20 | | | | 0.01 |
| W1 | 1.47×0.11 | 0.26 | 0.17 | 0.31 | 0.01 |
| W2 | 1.47×0.10 | 0.07 | 0.15 | 0.03 | 0.00 |
| W3 | 1.47×0.26 | 0.18 | 0.39 | 0.06 | 0.01 |
| W4 | 1.47×0.24 | 0.60 | 0.40 | 0.71 | 0.03 |
| W5 | 1.80×0.11 | 0.32 | 0.21 | 0.38 | |
| W6 | 1.80×0.10 | 0.09 | 0.19 | 0.03 | |
| W7 | 1.80×0.26 | 0.22 | 0.48 | 0.08 | |
| W8 | 1.80×0.24 | 0.74 | 0.49 | 0.87 | |
| | 0.80×0.11 | | | | 0.01 |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.02 |
| 合　計 | | 4.47 | 4.29 | 3.16 | 0.12 |
| 検　定 | | 0.12 | 0.09 | 0.06 | 0.06 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.40 |
| | 係数 | 1.08 | | 断面欠損無 | | | | | | | |

1/又X10
又Y2
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.52 | 0.07 | 0.33 | 0.33 | 0.00 |
| W2 | 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 | 1.80×0.52 | 0.10 | 0.42 | 0.42 | |
| W4 | 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| | 0.80×0.52 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| 合　計 | | 0.43 | 1.90 | 1.90 | 0.01 |
| 検　定 | | 0.06 | 0.10 | 0.10 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×45.0 | Ae<br>540.0<br>断面欠損無 | I<br>91125 | Z<br>4050 | fb<br>15.36 | fs<br>1.60 | Ma<br>62.21 | Qa<br>57.60 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.03 | 0.28 | 0.28 | 0.00 |
| W2 | 0.70×1.86 | 0.03 | 0.30 | 0.29 | 0.00 |
| W3 | 1.40×0.84 | 0.03 | 0.27 | 0.27 | 0.00 |
| W4 | 1.80×0.84 | 0.04 | 0.34 | 0.34 | |
| | 0.80×0.84 | | | | 0.00 |
| 合　計 | | 0.13 | 1.19 | 1.19 | 0.00 |
| 検　定 | | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.08 | 0.02 | 0.06 | 0.03 | 0.00 |
| P2 | 0.17 | 0.05 | 0.11 | 0.06 | 0.00 |
| P3 | 0.37 | 0.10 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70 | 0.14 | 0.44 | 0.44 | 0.00 |
| W2 | 0.59×0.42 | 0.04 | 0.08 | 0.15 | 0.00 |
| W3 | 0.59×0.42 | 0.02 | 0.09 | 0.02 | 0.00 |
| W4 | 1.30×0.42 | 0.09 | 0.17 | 0.33 | |
| W5 | 1.30×0.42 | 0.03 | 0.21 | 0.04 | |
| | 0.60×0.42 | | | | 0.00 |
| | 0.60×0.42 | | | | 0.00 |
| W6 | 0.30×0.42 | 0.02 | 0.04 | 0.08 | 0.00 |
| W7 | 0.30×0.42 | 0.01 | 0.05 | 0.01 | 0.00 |
| 合　計 | | 0.52 | 1.48 | 1.28 | 0.00 |
| 検　定 | | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.23 | 0.98 | 1.08 | 2.15 | 0.00 |
| P2 | 3.89 | 1.18 | 1.30 | 2.59 | |
| | 1.73 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.80 | 0.15 | 0.68 | 0.34 | 0.00 |
| W4 | 1.40×0.26 | 0.02 | 0.03 | 0.13 | 0.00 |
| W5 | 1.80×0.80 | 0.20 | 0.87 | 0.44 | |
| W6 | 1.80×0.26 | 0.03 | 0.03 | 0.17 | |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| 合　計 | | 3.09 | 5.72 | 7.56 | 0.01 |
| 検　定 | | 0.07 | 0.11 | 0.15 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.65 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 | 1.80×0.65 | 0.12 | 0.53 | 0.53 | |
| W4 | 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| | 0.80×0.65 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| 合　計 | | 0.47 | 2.09 | 2.09 | 0.01 |
| 検　定 | | 0.07 | 0.11 | 0.11 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 37.38 | 49.92 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/X9
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.83 | 0.92 | 0.54 | 0.29 | 0.04 |
| P2 | 1.07 | 1.18 | 0.69 | 0.38 | |
| | 0.47 | | | | 0.02 |
| P3 | 0.75 | 0.83 | 0.48 | 0.27 | 0.03 |
| P4 | 0.96 | 1.06 | 0.62 | 0.34 | |
| | 0.43 | | | | 0.02 |
| W1 | 1.47×0.21 | 0.29 | 0.43 | 0.09 | 0.01 |
| W2 | 1.47×0.22 | 0.60 | 0.33 | 0.69 | 0.04 |
| W3 | 1.47×0.25 | 0.35 | 0.52 | 0.11 | 0.02 |
| W4 | 1.47×0.24 | 0.65 | 0.36 | 0.75 | 0.04 |
| W5 | 1.80×0.21 | 0.36 | 0.53 | 0.11 | |
| W6 | 1.80×0.22 | 0.73 | 0.40 | 0.84 | |
| W7 | 1.80×0.25 | 0.43 | 0.64 | 0.14 | |
| W8 | 1.80×0.24 | 0.80 | 0.44 | 0.92 | |
| | 0.80×0.21 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.02 |
| | 0.80×0.25 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.02 |
| 合　計 | | 8.20 | 5.98 | 4.95 | 0.27 |
| 検　定 | | 0.22 | 0.12 | 0.10 | 0.14 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>8.29 | Qa<br>23.04 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X17
又Y３

P1,2,3,4,5,6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.05 | 0.01 | 0.04 | 0.02 | 0.00 |
| P2 | 0.11 | 0.03 | 0.07 | 0.04 | 0.00 |
| P3 | 0.24 | 0.06 | 0.16 | 0.08 | |
| | 0.11 | | | | 0.00 |
| P4 | 0.08 | 0.02 | 0.06 | 0.03 | 0.00 |
| P5 | 0.17 | 0.05 | 0.11 | 0.06 | 0.00 |
| P6 | 0.37 | 0.10 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70×1.86 | 0.29 | 0.88 | 0.88 | 0.01 |
| W2 | 0.59×0.28 | 0.03 | 0.05 | 0.10 | 0.00 |
| W3 | 0.59×0.27 | 0.01 | 0.06 | 0.01 | 0.00 |
| W4 | 0.59×0.41 | 0.04 | 0.07 | 0.15 | 0.00 |
| W5 | 0.59×0.42 | 0.02 | 0.09 | 0.02 | 0.00 |
| W6 | 1.30×0.28 | 0.06 | 0.11 | 0.21 | |
| W7 | 1.30×0.27 | 0.02 | 0.13 | 0.03 | |
| W8 | 1.30×0.41 | 0.09 | 0.16 | 0.32 | |
| W9 | 1.30×0.42 | 0.03 | 0.20 | 0.04 | |
| | 0.60×0.28 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.41 | | | | 0.00 |
| | 0.60×0.42 | | | | 0.00 |
| W10 | 0.30×0.28 | 0.01 | 0.02 | 0.05 | 0.00 |
| W11 | 0.30×0.27 | 0.01 | 0.03 | 0.01 | 0.00 |
| W12 | 0.30×0.41 | 0.02 | 0.04 | 0.07 | 0.00 |
| W13 | 0.30×0.42 | 0.01 | 0.05 | 0.01 | 0.00 |
| 合　計 | | 0.90 | 2.59 | 2.25 | 0.03 |
| 検　定 | | 0.11 | 0.11 | 0.10 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.74 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.13 | 0.03 | 0.06 | 0.06 | 0.00 |
| W2 1.30×0.13 | 0.06 | 0.13 | 0.13 | |
| 0.60×0.13 | | | | 0.00 |
| W3 0.30×0.13 | 0.01 | 0.03 | 0.03 | 0.00 |
| 合　計 | 0.09 | 0.23 | 0.23 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.78 | 0.11 | 0.49 | 0.49 | 0.00 |
| W2 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.78 | 0.14 | 0.63 | 0.63 | |
| W4 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| 0.80×0.78 | | | | 0.00 |
| 0.80×0.80 | | | | 0.00 |
| 合　計 | 0.52 | 2.28 | 2.28 | 0.01 |
| 検　定 | 0.07 | 0.12 | 0.12 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.86 | 0.06 | 0.40 | 0.40 | 0.00 |
| W2 0.59×0.14 | 0.00 | 0.02 | 0.02 | 0.00 |
| W3 1.30×0.14 | 0.01 | 0.05 | 0.05 | |
| 0.60×0.14 | | | | 0.00 |
| W4 0.30×0.14 | 0.00 | 0.01 | 0.01 | 0.00 |
| 合　計 | 0.07 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X19
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W4 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.74 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.59×0.24 | 0.05 | 0.12 | 0.12 | 0.00 |
| W2 | 0.59×0.11 | 0.02 | 0.05 | 0.05 | 0.00 |
| W3 | 1.30×0.24 | 0.11 | 0.26 | 0.26 | |
| W4 | 1.30×0.11 | 0.05 | 0.11 | 0.11 | |
| | 0.60×0.24 | | | | 0.00 |
| | 0.60×0.11 | | | | 0.00 |
| W5 | 0.30×0.24 | 0.02 | 0.06 | 0.06 | 0.00 |
| W6 | 0.30×0.11 | 0.01 | 0.03 | 0.03 | 0.00 |
| 合　計 | | 0.26 | 0.62 | 0.62 | 0.01 |
| 検　定 | | 0.04 | 0.03 | 0.03 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X14
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.91 | 1.21 | 0.53 | 0.38 | 0.06 |
| P2 | 1.17 | 1.56 | 0.68 | 0.49 | |
| | 0.52 | | | | 0.03 |
| P3 | 0.83 | 1.10 | 0.48 | 0.35 | 0.05 |
| P4 | 1.07 | 1.42 | 0.62 | 0.45 | |
| | 0.47 | | | | 0.03 |
| W1 | 1.47×0.21 | 0.46 | 0.55 | 0.14 | 0.03 |
| W2 | 1.47×0.22 | 0.67 | 0.30 | 0.72 | 0.05 |
| W3 | 1.47×0.25 | 0.55 | 0.65 | 0.17 | 0.03 |
| W4 | 1.47×0.24 | 0.74 | 0.32 | 0.79 | 0.05 |
| W5 | 1.80×0.21 | 0.57 | 0.67 | 0.18 | |
| W6 | 1.80×0.22 | 0.83 | 0.36 | 0.88 | |
| W7 | 1.80×0.25 | 0.67 | 0.80 | 0.21 | |
| W8 | 1.80×0.24 | 0.90 | 0.40 | 0.97 | |
| | 0.80×0.21 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| | 0.80×0.25 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.03 |
| 合　計 | | 10.68 | 6.38 | 5.72 | 0.42 |
| 検　定 | | 0.29 | 0.13 | 0.11 | 0.21 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.56 | 0.47 | 1.04 | 0.52 | 0.00 |
| P2 | 3.55 | 1.08 | 2.37 | 1.18 | 0.00 |
| P3 | 4.31 | 1.31 | 2.87 | 1.44 | |
| | 1.92 | | | | 0.00 |
| P4 | 0.15 | 0.05 | 0.10 | 0.05 | |
| | 0.15 | | | | 0.00 |
| P5 | 0.50 | 0.15 | 0.33 | 0.17 | |
| | 0.50 | | | | 0.00 |
| P6 | 0.05 | 0.02 | 0.04 | 0.02 | 0.00 |
| P7 | 0.11 | 0.03 | 0.07 | 0.04 | 0.00 |
| P8 | 0.24 | 0.07 | 0.16 | 0.08 | |
| | 0.11 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 1.40×0.26 | 0.05 | 0.11 | 0.22 | 0.00 |
| W3 | 1.40×0.26 | 0.02 | 0.13 | 0.03 | 0.00 |
| W4 | 1.80×0.26 | 0.06 | 0.14 | 0.28 | |
| W5 | 1.80×0.26 | 0.03 | 0.17 | 0.03 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.26 | | | | 0.00 |
| W6 | 0.59×0.27 | 0.02 | 0.05 | 0.09 | 0.00 |
| W7 | 0.59×0.27 | 0.01 | 0.06 | 0.01 | 0.00 |
| W8 | 1.30×0.27 | 0.05 | 0.10 | 0.21 | |
| W9 | 1.30×0.27 | 0.02 | 0.13 | 0.03 | |
| | 0.60×0.27 | | | | 0.00 |
| | 0.60×0.27 | | | | 0.00 |
| W10 | 0.30×0.27 | 0.01 | 0.02 | 0.05 | 0.00 |
| W11 | 0.30×0.27 | 0.01 | 0.03 | 0.01 | 0.00 |
| 合　計 | | 3.72 | 8.77 | 5.28 | 0.01 |
| 検　定 | | 0.10 | 0.18 | 0.11 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損無 | I<br>35937 | Z<br>2178 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.86 | 0.03 | 0.30 | 0.29 | 0.00 |
| W2 0.59×0.11 | 0.00 | 0.01 | 0.01 | 0.00 |
| W3 1.30×0.11 | 0.00 | 0.03 | 0.03 | |
| 0.60×0.11 | | | | 0.00 |
| W4 0.30×0.11 | 0.00 | 0.01 | 0.01 | 0.00 |
| 合　計 | 0.04 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y３
又X14
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.53 | 0.02 | 0.17 | 0.17 | 0.00 |
| W2 1.40×0.25 | 0.01 | 0.08 | 0.08 | 0.00 |
| W3 1.80×0.53 | 0.02 | 0.22 | 0.22 | |
| W4 1.80×0.25 | 0.01 | 0.10 | 0.10 | |
| 0.80×0.53 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.06 | 0.56 | 0.56 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X18
又Y３
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| W4 1.80×0.23 | 0.04 | 0.18 | 0.18 | |
| 0.80×0.35 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 180.0 | 3375 | 450 | 16.00 | 1.60 | 7.20 | 19.20 | 0.48 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

1/又X16
又Y３
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.59×0.24 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 0.59×0.11 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 1.30×0.24 | 0.04 | 0.16 | 0.16 | |
| W4 1.30×0.11 | 0.02 | 0.07 | 0.07 | |
| 0.60×0.24 | | | | 0.00 |
| 0.60×0.11 | | | | 0.00 |
| W5 0.30×0.24 | 0.01 | 0.04 | 0.04 | 0.00 |
| W6 0.30×0.11 | 0.00 | 0.02 | 0.02 | 0.00 |
| 合　計 | 0.11 | 0.40 | 0.40 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又Y3
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.80 | 0.12 | 0.51 | 0.51 | 0.00 |
| W2 1.40×0.80 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.80 | 0.15 | 0.66 | 0.66 | |
| W4 1.80×0.80 | 0.15 | 0.65 | 0.65 | |
| 0.80×0.80 | | | | 0.00 |
| 0.80×0.80 | | | | 0.00 |
| 合　計 | 0.53 | 2.32 | 2.32 | 0.01 |
| 検　定 | 0.07 | 0.12 | 0.12 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y3
又X15
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.58 | 0.02 | 0.18 | 0.18 | 0.00 |
| W3 1.40×0.25 | 0.01 | 0.08 | 0.08 | 0.00 |
| W4 1.80×0.58 | 0.03 | 0.24 | 0.24 | |
| W5 1.80×0.25 | 0.01 | 0.10 | 0.10 | |
| 0.80×0.58 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.09 | 0.81 | 0.81 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.44 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y3
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.12 | 0.47 | 0.47 | 0.00 |
| W2 | 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 | 1.40×0.13 | 0.02 | 0.09 | 0.09 | 0.00 |
| W4 | 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| W5 | 1.80×0.13 | 0.03 | 0.11 | 0.11 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 0.21 | 0.84 | 0.84 | 0.01 |
| 検　定 | | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.65 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y3
又X19
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.11 | 0.23 | 0.14 | 0.00 |
| P2 | 0.47 | 0.14 | 0.29 | 0.17 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.32 | 0.90 | 0.90 | 0.00 |
| W2 | 0.70×1.86 | 0.34 | 0.94 | 0.94 | 0.00 |
| W3 | 1.40×0.19 | 0.02 | 0.12 | 0.03 | 0.00 |
| W4 | 1.40×0.24 | 0.06 | 0.09 | 0.21 | 0.00 |
| W5 | 1.80×0.19 | 0.03 | 0.15 | 0.03 | |
| W6 | 1.80×0.24 | 0.08 | 0.12 | 0.27 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| W7 | 0.59×0.24 | 0.04 | 0.10 | 0.10 | 0.00 |
| W8 | 1.30×0.24 | 0.08 | 0.23 | 0.23 | |
| | 0.60×0.24 | | | | 0.00 |
| W9 | 0.30×0.24 | 0.02 | 0.05 | 0.05 | 0.00 |
| 合　計 | | 1.24 | 3.23 | 3.08 | 0.00 |
| 検　定 | | 0.03 | 0.06 | 0.06 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y３
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W4 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.34 | 1.49 | 1.49 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y３
又X17
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 0.70×1.86 | 0.01 | 0.13 | 0.13 | 0.00 |
| W3 1.40×0.44 | 0.00 | 0.06 | 0.06 | 0.00 |
| W4 1.80×0.44 | 0.00 | 0.08 | 0.08 | |
| 0.80×0.44 | | | | 0.00 |
| W5 0.59×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| W6 1.30×0.06 | 0.00 | 0.01 | 0.01 | |
| 0.60×0.06 | | | | 0.00 |
| W7 0.30×0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 合　計 | 0.02 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又Y3
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 1.40×0.36 | 0.05 | 0.22 | 0.22 | 0.00 |
| W3 1.40×0.25 | 0.04 | 0.16 | 0.16 | 0.00 |
| W4 1.80×0.36 | 0.07 | 0.29 | 0.29 | |
| W5 1.80×0.25 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.36 | | | | 0.00 |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.30 | 1.30 | 1.30 | 0.01 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X17
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.06 | 0.38 | 0.38 | 0.00 |
| W2 0.54×1.76 | 0.04 | 0.29 | 0.29 | 0.00 |
| W3 1.40×0.22 | 0.01 | 0.09 | 0.09 | 0.00 |
| W4 1.80×0.22 | 0.02 | 0.12 | 0.12 | |
| 0.80×0.22 | | | | 0.00 |
| W5 0.59×0.24 | 0.01 | 0.04 | 0.04 | 0.00 |
| W6 1.30×0.24 | 0.01 | 0.10 | 0.10 | |
| 0.60×0.24 | | | | 0.00 |
| W7 0.30×0.24 | 0.00 | 0.02 | 0.02 | 0.00 |
| 合　計 | 0.16 | 1.05 | 1.05 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.36 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.08 | 0.38 | 0.38 | 0.00 |
| W2 1.40×0.14 | 0.01 | 0.07 | 0.07 | 0.00 |
| W3 1.40×0.38 | 0.04 | 0.21 | 0.21 | 0.00 |
| W4 1.80×0.14 | 0.02 | 0.09 | 0.09 | |
| W5 1.80×0.38 | 0.05 | 0.27 | 0.27 | |
| 0.80×0.14 | | | | 0.00 |
| 0.80×0.38 | | | | 0.00 |
| 合　計 | 0.20 | 1.02 | 1.02 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X９
又
又X14
又Y２

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| Ｐ1 1.00 | 1.48 | 0.53 | 0.47 | 0.09 |
| Ｐ2 1.28 | 1.90 | 0.68 | 0.60 | |
| 0.57 | | | | 0.05 |
| Ｐ3 0.91 | 1.35 | 0.49 | 0.43 | 0.08 |
| Ｐ4 1.17 | 1.74 | 0.62 | 0.55 | |
| 0.52 | | | | 0.05 |
| W1 1.47×0.25 | 0.75 | 0.77 | 0.24 | 0.05 |
| W2 1.47×0.21 | 0.64 | 0.66 | 0.20 | 0.05 |
| W3 1.47×0.22 | 0.76 | 0.27 | 0.75 | 0.06 |
| W4 1.47×0.24 | 0.84 | 0.30 | 0.82 | 0.06 |
| W5 1.80×0.25 | 0.91 | 0.94 | 0.29 | |
| W6 1.80×0.21 | 0.78 | 0.81 | 0.25 | |
| W7 1.80×0.22 | 0.93 | 0.33 | 0.91 | |
| W8 1.80×0.24 | 1.02 | 0.36 | 1.00 | |
| 0.80×0.25 | | | | 0.03 |
| 0.80×0.21 | | | | 0.03 |
| 0.80×0.22 | | | | 0.03 |
| 0.80×0.24 | | | | 0.04 |
| 合　計 | 13.11 | 6.77 | 6.50 | 0.61 |
| 検　定 | 0.35 | 0.14 | 0.13 | 0.31 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X18
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W2 1.40×0.23 | 0.03 | 0.14 | 0.14 | 0.00 |
| W3 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| W4 1.80×0.23 | 0.04 | 0.18 | 0.18 | |
| 0.80×0.35 | | | | 0.00 |
| 0.80×0.23 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X16
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W2 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W3 1.80×0.46 | 0.09 | 0.38 | 0.38 | |
| W4 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| 0.80×0.46 | | | | 0.00 |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.80 | 0.12 | 0.51 | 0.51 | 0.00 |
| W2 | 1.40×0.55 | 0.08 | 0.35 | 0.35 | 0.00 |
| W3 | 1.80×0.80 | 0.15 | 0.66 | 0.66 | |
| W4 | 1.80×0.55 | 0.10 | 0.44 | 0.44 | |
| | 0.80×0.80 | | | | 0.00 |
| | 0.80×0.55 | | | | 0.00 |
| 合　計 | | 0.44 | 1.96 | 1.96 | 0.01 |
| 検　定 | | 0.06 | 0.10 | 0.10 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又
又X21
又Y4

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.06 | 0.06 | 0.58 | 0.00 |
| P2 | 0.83 | 0.07 | 0.08 | 0.75 | |
| | 0.37 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.01 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.01 |
| W3 | 1.40×0.24 | 0.13 | 0.29 | 0.24 | 0.00 |
| W4 | 1.40×0.04 | 0.00 | 0.00 | 0.01 | 0.00 |
| W5 | 1.80×0.24 | 0.17 | 0.38 | 0.31 | |
| W6 | 1.80×0.04 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.04 | | | | 0.00 |
| 合　計 | | 1.49 | 3.13 | 4.21 | 0.04 |
| 検　定 | | 0.09 | 0.10 | 0.14 | 0.04 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.28 | 0.03 | 0.23 | 0.05 | 0.00 |
| P2 | 0.96 | 0.09 | 0.79 | 0.17 | |
| | 0.96 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.08 | 0.28 | 0.40 | 0.00 |
| W2 | 1.40×0.53 | 0.07 | 0.23 | 0.32 | 0.00 |
| W3 | 1.80×0.53 | 0.09 | 0.29 | 0.42 | |
| | 0.80×0.53 | | | | 0.00 |
| W4 | 1.40×0.16 | 0.00 | 0.03 | 0.00 | 0.00 |
| W5 | 1.40×0.35 | 0.05 | 0.22 | 0.22 | 0.00 |
| W6 | 1.80×0.16 | 0.00 | 0.04 | 0.00 | |
| W7 | 1.80×0.35 | 0.06 | 0.28 | 0.28 | |
| | 0.80×0.16 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 0.47 | 2.39 | 1.86 | 0.01 |
| 検　定 | | 0.05 | 0.10 | 0.08 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.59 | 0.13 | 1.42 | 0.17 | 0.00 |
| P2 | 2.05 | 0.17 | 1.83 | 0.22 | |
| | 0.91 | | | | 0.00 |
| P3 | 1.01 | 0.08 | 0.91 | 0.11 | 0.00 |
| P4 | 1.30 | 0.11 | 1.16 | 0.14 | |
| | 0.58 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.10 | 0.48 | 0.48 | 0.00 |
| W2 | 1.40×0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| W3 | 1.40×0.09 | 0.00 | 0.01 | 0.00 | 0.00 |
| W4 | 1.40×0.34 | 0.05 | 0.19 | 0.24 | 0.00 |
| W5 | 1.40×0.12 | 0.02 | 0.07 | 0.08 | 0.00 |
| W6 | 1.80×0.03 | 0.00 | 0.01 | 0.00 | |
| W7 | 1.80×0.09 | 0.00 | 0.02 | 0.00 | |
| W8 | 1.80×0.34 | 0.06 | 0.25 | 0.31 | |
| W9 | 1.80×0.12 | 0.02 | 0.09 | 0.11 | |
| | 0.80×0.03 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| | 0.80×0.34 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 0.72 | 6.43 | 1.86 | 0.00 |
| 検　定 | | 0.05 | 0.21 | 0.06 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>0.65 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X17
又

P1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.17 | 1.30 | 1.30 | 2.86 | |
| | 4.17 | | | | 0.00 |
| P2 | 5.21 | 1.63 | 1.63 | 3.58 | 0.01 |
| P3 | 0.36 | 0.11 | 0.11 | 0.25 | 0.00 |
| P4 | 0.46 | 0.15 | 0.15 | 0.32 | |
| | 0.21 | | | | 0.00 |
| P5 | 0.85 | 0.26 | 0.26 | 0.58 | 0.00 |
| P6 | 0.52 | 0.16 | 0.16 | 0.36 | 0.00 |
| P7 | 1.43 | 0.45 | 0.45 | 0.98 | 0.00 |
| P8 | 1.75 | 0.55 | 0.55 | 1.20 | |
| | 0.78 | | | | 0.00 |
| P9 | 0.14 | 0.04 | 0.04 | 0.10 | 0.00 |
| P10 | 0.31 | 0.10 | 0.10 | 0.21 | |
| | 0.14 | | | | 0.00 |
| P11 | 0.05 | 0.02 | 0.02 | 0.03 | |
| | 0.05 | | | | 0.00 |
| P12 | 0.17 | 0.05 | 0.05 | 0.11 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.09 | 0.09 | 0.48 | 0.00 |
| W2 | 0.54×1.76 | 0.21 | 0.69 | 0.69 | 0.00 |
| W3 | 0.54×1.67 | 0.14 | 0.59 | 0.31 | 0.00 |
| W4 | 1.40×0.26 | 0.06 | 0.23 | 0.12 | 0.00 |
| W5 | 1.40×0.24 | 0.02 | 0.02 | 0.13 | 0.00 |
| W6 | 1.80×0.26 | 0.07 | 0.30 | 0.16 | |
| W7 | 1.80×0.24 | 0.03 | 0.03 | 0.16 | |
| | 0.80×0.26 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| W8 | 1.40×0.22 | 0.05 | 0.20 | 0.10 | 0.00 |
| W9 | 1.80×0.22 | 0.06 | 0.26 | 0.13 | |
| | 0.80×0.22 | | | | 0.00 |
| W10 | 0.59×0.19 | 0.01 | 0.01 | 0.04 | 0.00 |
| W11 | 1.30×0.19 | 0.02 | 0.02 | 0.09 | |
| | 0.60×0.19 | | | | 0.00 |
| 合　計 | | 5.58 | 7.26 | 13.01 | 0.02 |
| 検　定 | | 0.12 | 0.12 | 0.21 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 8.29 | 23.04 | 1.01 |
| | 係数 | 1.05 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X17
又
又X19
又Y３

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.20 | 0.14 | 0.22 | 0.02 |
| P2 | 0.47 | 0.25 | 0.19 | 0.28 | |
| | 0.21 | | | | 0.01 |
| P3 | 0.36 | 0.20 | 0.14 | 0.22 | 0.02 |
| P4 | 0.47 | 0.25 | 0.19 | 0.28 | |
| | 0.21 | | | | 0.01 |
| W1 | 1.40×0.22 | 0.11 | 0.29 | 0.12 | 0.01 |
| W2 | 1.40×0.24 | 0.12 | 0.32 | 0.14 | 0.02 |
| W3 | 1.40×0.24 | 0.08 | 0.06 | 0.24 | 0.01 |
| W4 | 1.40×0.22 | 0.08 | 0.06 | 0.22 | 0.01 |
| W5 | 1.80×0.22 | 0.15 | 0.37 | 0.16 | |
| W6 | 1.80×0.24 | 0.16 | 0.41 | 0.18 | |
| W7 | 1.80×0.24 | 0.11 | 0.08 | 0.31 | |
| W8 | 1.80×0.22 | 0.10 | 0.07 | 0.29 | |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 1.81 | 2.32 | 2.65 | 0.13 |
| 検　定 | | 0.22 | 0.10 | 0.12 | 0.12 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×36.0 | 432.0 | 46656 | 2592 | 15.36 | 1.60 | 39.81 | 46.08 | 0.36 |
| | 係数 | 0.96 | | 断面欠損無 | | | | | | | |

1/又X19
又
又X20
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.08 | 0.39 | 0.39 | 0.00 |
| W2 | 0.54×1.67 | 0.07 | 0.37 | 0.37 | 0.00 |
| W3 | 1.40×0.24 | 0.03 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.24 | 0.04 | 0.18 | 0.18 | |
| | 0.80×0.24 | | | | 0.00 |
| W5 | 1.40×0.46 | 0.05 | 0.26 | 0.26 | 0.00 |
| W6 | 1.80×0.46 | 0.07 | 0.34 | 0.34 | |
| | 0.80×0.46 | | | | 0.00 |
| 合　計 | | 0.34 | 1.67 | 1.67 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X22
又Y５

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.59 | 0.43 | 0.21 | 0.05 |
| P2 | 0.83 | 0.76 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P3 | 0.64 | 0.59 | 0.43 | 0.21 | 0.05 |
| P4 | 0.83 | 0.76 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P5 | 0.41 | 0.16 | 0.08 | 0.34 | 0.02 |
| P6 | 0.53 | 0.21 | 0.10 | 0.43 | 0.02 |
| P7 | 0.68 | 0.27 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| P8 | 0.41 | 0.16 | 0.08 | 0.34 | 0.02 |
| P9 | 0.53 | 0.21 | 0.10 | 0.43 | 0.02 |
| P10 | 0.68 | 0.27 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| W1 | 1.47×0.24 | 0.26 | 0.47 | 0.09 | 0.02 |
| W2 | 1.47×0.24 | 0.72 | 0.35 | 0.48 | 0.06 |
| W3 | 1.47×0.23 | 0.24 | 0.45 | 0.09 | 0.02 |
| W4 | 1.47×0.22 | 0.68 | 0.33 | 0.45 | 0.06 |
| W5 | 1.80×0.24 | 0.32 | 0.58 | 0.11 | |
| W6 | 1.80×0.24 | 0.88 | 0.43 | 0.58 | |
| W7 | 1.80×0.23 | 0.30 | 0.55 | 0.11 | |
| W8 | 1.80×0.22 | 0.83 | 0.41 | 0.55 | |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.03 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| W9 | 1.47×0.23 | 0.06 | 0.03 | 0.27 | 0.01 |
| W10 | 1.47×0.24 | 0.06 | 0.03 | 0.28 | 0.01 |
| W11 | 1.80×0.23 | 0.07 | 0.03 | 0.33 | |
| W12 | 1.80×0.24 | 0.08 | 0.03 | 0.35 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 8.49 | 6.24 | 7.29 | 0.52 |
| 検　定 | | 0.32 | 0.15 | 0.17 | 0.26 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X17
又
又X17
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W2 1.40×0.46 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| W4 1.80×0.46 | 0.09 | 0.38 | 0.38 | |
| 0.80×0.11 | | | | 0.00 |
| 0.80×0.46 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 46.73 | 49.92 | 0.30 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又X9
又
又X9
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.05 | 0.32 | 0.32 | 0.00 |
| W2 1.40×0.12 | 0.01 | 0.05 | 0.05 | 0.00 |
| W3 1.40×0.92 | 0.07 | 0.44 | 0.44 | 0.00 |
| W4 1.80×0.12 | 0.01 | 0.07 | 0.07 | |
| W5 1.80×0.92 | 0.10 | 0.56 | 0.56 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.92 | | | | 0.00 |
| 合　計 | 0.25 | 1.45 | 1.45 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X15
又 0.14

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.32 | 0.02 | 0.32 | 0.01 | 0.00 |
| P2 | 0.49 | 0.03 | 0.48 | 0.01 | 0.00 |
| P3 | 0.63 | 0.04 | 0.62 | 0.01 | |
| | 0.28 | | | | 0.00 |
| P4 | 1.01 | 1.61 | 0.50 | 0.52 | 0.12 |
| P5 | 1.30 | 2.07 | 0.64 | 0.67 | |
| | 0.58 | | | | 0.07 |
| P6 | 1.00 | 1.58 | 0.49 | 0.51 | 0.12 |
| P7 | 1.28 | 2.03 | 0.63 | 0.65 | |
| | 0.57 | | | | 0.07 |
| W1 | 1.55×0.22 | 0.00 | 0.05 | 0.00 | 0.00 |
| W2 | 1.55×0.24 | 0.97 | 0.86 | 0.31 | 0.09 |
| W3 | 1.55×0.21 | 0.86 | 0.81 | 0.28 | 0.08 |
| W4 | 1.55×0.22 | 0.89 | 0.26 | 0.81 | 0.08 |
| W5 | 1.55×0.24 | 0.98 | 0.29 | 0.89 | 0.08 |
| W6 | 1.80×0.22 | 0.00 | 0.05 | 0.00 | |
| W7 | 1.80×0.24 | 1.13 | 1.00 | 0.36 | |
| W8 | 1.80×0.21 | 1.00 | 0.94 | 0.32 | |
| W9 | 1.80×0.22 | 1.04 | 0.30 | 0.94 | |
| W10 | 1.80×0.24 | 1.14 | 0.33 | 1.03 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.05 |
| | 0.80×0.21 | | | | 0.04 |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| 合　計 | | 15.39 | 8.57 | 7.33 | 0.87 |
| 検　定 | | 0.41 | 0.17 | 0.15 | 0.44 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X14
又
又X15
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.02 | 0.08 | 0.08 | 0.00 |
| W2 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.80×0.12 | 0.02 | 0.10 | 0.10 | |
| W4 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.45 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 26.76 | 42.24 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X18
又
又X21
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.05 | 0.96 | 0.38 | 1.68 | |
| | 2.05 | | | | 0.09 |
| P2 | 0.64 | 0.51 | 0.43 | 0.21 | 0.05 |
| P3 | 0.83 | 0.66 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P4 | 0.64 | 0.51 | 0.43 | 0.21 | 0.05 |
| P5 | 0.83 | 0.66 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P6 | 0.41 | 0.19 | 0.08 | 0.34 | 0.02 |
| P7 | 0.53 | 0.25 | 0.10 | 0.43 | 0.02 |
| P8 | 0.68 | 0.32 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| P9 | 0.41 | 0.19 | 0.08 | 0.34 | 0.02 |
| P10 | 0.53 | 0.25 | 0.10 | 0.43 | 0.02 |
| P11 | 0.68 | 0.32 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| W1 | 0.54×1.67 | 0.19 | 0.08 | 0.75 | 0.02 |
| W2 | 1.47×0.24 | 0.22 | 0.47 | 0.09 | 0.02 |
| W3 | 1.47×0.24 | 0.76 | 0.35 | 0.48 | 0.06 |
| W4 | 1.47×0.23 | 0.21 | 0.45 | 0.09 | 0.02 |
| W5 | 1.47×0.22 | 0.71 | 0.33 | 0.45 | 0.06 |
| W6 | 1.80×0.24 | 0.27 | 0.58 | 0.11 | |
| W7 | 1.80×0.24 | 0.93 | 0.43 | 0.58 | |
| W8 | 1.80×0.23 | 0.26 | 0.55 | 0.11 | |
| W9 | 1.80×0.22 | 0.87 | 0.41 | 0.55 | |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.03 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| W10 | 1.47×0.24 | 0.07 | 0.03 | 0.28 | 0.01 |
| W11 | 1.80×0.24 | 0.09 | 0.03 | 0.35 | |
| | 0.80×0.24 | | | | 0.00 |
| W12 | 1.47×0.23 | 0.07 | 0.03 | 0.27 | 0.01 |
| W13 | 1.80×0.23 | 0.09 | 0.03 | 0.33 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 9.56 | 6.70 | 9.71 | 0.63 |
| 検　定 | | 0.36 | 0.16 | 0.23 | 0.31 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.02 | 0.46 | 0.51 | 0.51 | 0.01 |
| P2 | 1.30 | 0.59 | 0.65 | 0.65 | |
| | 0.58 | | | | 0.01 |
| P3 | 1.60 | 0.73 | 0.80 | 0.80 | 0.02 |
| P4 | 2.05 | 0.93 | 1.03 | 1.03 | |
| | 0.91 | | | | 0.01 |
| W1 | 1.40×0.35 | 0.10 | 0.33 | 0.11 | 0.00 |
| W2 | 1.40×0.11 | 0.03 | 0.10 | 0.03 | 0.00 |
| W3 | 1.40×0.11 | 0.03 | 0.03 | 0.10 | 0.00 |
| W4 | 1.40×0.35 | 0.10 | 0.11 | 0.33 | 0.00 |
| W5 | 1.80×0.35 | 0.13 | 0.43 | 0.14 | |
| W6 | 1.80×0.11 | 0.04 | 0.13 | 0.04 | |
| W7 | 1.80×0.11 | 0.04 | 0.04 | 0.13 | |
| W8 | 1.80×0.35 | 0.13 | 0.14 | 0.43 | |
| | 0.80×0.35 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.35 | | | | 0.00 |
| 合　計 | | 3.32 | 4.30 | 4.30 | 0.06 |
| 検　定 | | 0.22 | 0.14 | 0.14 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 42.05 | 49.92 | 0.57 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又X14
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.09 | 0.23 | 0.13 | 0.00 |
| P2 | 0.47 | 0.12 | 0.30 | 0.17 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.19 | 0.60 | 0.60 | 0.00 |
| W2 | 0.54×1.67 | 0.18 | 0.58 | 0.58 | 0.00 |
| W3 | 1.40×0.24 | 0.02 | 0.12 | 0.03 | 0.00 |
| W4 | 1.40×0.22 | 0.04 | 0.08 | 0.17 | 0.00 |
| W5 | 1.80×0.24 | 0.03 | 0.16 | 0.03 | |
| W6 | 1.80×0.22 | 0.05 | 0.10 | 0.22 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W7 | 1.40×0.24 | 0.07 | 0.21 | 0.21 | 0.00 |
| W8 | 1.80×0.24 | 0.08 | 0.27 | 0.27 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 0.87 | 2.65 | 2.40 | 0.00 |
| 検　定 | | 0.02 | 0.05 | 0.05 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通 支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 0.40 |
| | 係数 | 1.05 | | 断面欠損無 | | | | | | | |

1/又X12
又Y4
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.27 | 0.02 | 0.23 | 0.05 | 0.00 |
| P2 | 0.53 | 0.04 | 0.44 | 0.09 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.28 | 0.40 | 0.00 |
| W2 | 1.40×0.52 | 0.07 | 0.22 | 0.32 | 0.00 |
| W3 | 1.80×0.52 | 0.09 | 0.29 | 0.41 | |
| | 0.80×0.52 | | | | 0.00 |
| W4 | 1.40×0.55 | 0.08 | 0.35 | 0.35 | 0.00 |
| W5 | 1.40×0.16 | 0.00 | 0.03 | 0.00 | 0.00 |
| W6 | 1.80×0.55 | 0.10 | 0.45 | 0.45 | |
| W7 | 1.80×0.16 | 0.00 | 0.04 | 0.00 | |
| | 0.80×0.55 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 0.50 | 2.32 | 2.07 | 0.01 |
| 検　定 | | 0.05 | 0.10 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>0.65 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又Y4
又X19
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.13 | 0.31 | 0.42 | 0.70 | 0.00 |
| P2 | 3.30 | 0.90 | 1.24 | 2.06 | |
| | 3.30 | | | | 0.00 |
| P3 | 0.36 | 0.02 | 0.02 | 0.34 | 0.00 |
| P4 | 0.47 | 0.02 | 0.03 | 0.44 | |
| | 0.21 | | | | 0.00 |
| P5 | 0.23 | 0.05 | 0.16 | 0.07 | 0.00 |
| P6 | 2.71 | 0.62 | 1.86 | 0.85 | 0.00 |
| P7 | 3.38 | 0.77 | 2.33 | 1.06 | |
| | 1.50 | | | | 0.00 |
| P8 | 0.38 | 0.09 | 0.26 | 0.12 | |
| | 0.38 | | | | 0.00 |
| P9 | 0.15 | 0.01 | 0.01 | 0.14 | 0.00 |
| P10 | 2.71 | 0.12 | 0.17 | 2.54 | 0.00 |
| P11 | 3.38 | 0.15 | 0.21 | 3.17 | |
| | 1.50 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.25 | 0.69 | 0.69 | 0.00 |
| W2 | 0.54×1.67 | 0.17 | 0.56 | 0.26 | 0.00 |
| W3 | 0.54×1.67 | 0.07 | 0.09 | 0.40 | 0.00 |
| W4 | 1.40×0.22 | 0.08 | 0.22 | 0.20 | 0.00 |
| W5 | 1.40×0.05 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.22 | 0.10 | 0.28 | 0.25 | |
| W7 | 1.80×0.05 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.05 | | | | 0.00 |
| W8 | 1.40×0.41 | 0.03 | 0.22 | 0.04 | 0.00 |
| W9 | 1.40×0.42 | 0.12 | 0.20 | 0.33 | 0.00 |
| W10 | 1.40×0.09 | 0.00 | 0.00 | 0.01 | 0.00 |
| W11 | 1.80×0.41 | 0.04 | 0.28 | 0.05 | |
| W12 | 1.80×0.42 | 0.16 | 0.26 | 0.43 | |
| W13 | 1.80×0.09 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.09 | | | | 0.00 |
| 合　計 | | 4.08 | 9.52 | 14.17 | 0.02 |
| 検　定 | | 0.13 | 0.21 | 0.31 | 0.03 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.51 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又Y4
又X10
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.21 | 0.55 | 2.57 | 0.64 | 0.00 |
| P2 | 3.84 | 0.66 | 3.08 | 0.77 | |
| | 1.71 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.11 | 0.54 | 0.54 | 0.00 |
| W2 | 1.40×0.42 | 0.07 | 0.33 | 0.33 | 0.00 |
| W3 | 1.40×0.42 | 0.01 | 0.12 | 0.01 | 0.00 |
| W4 | 1.40×0.80 | 0.11 | 0.40 | 0.60 | 0.00 |
| W5 | 1.80×0.42 | 0.09 | 0.43 | 0.43 | |
| W6 | 1.80×0.42 | 0.01 | 0.15 | 0.02 | |
| W7 | 1.80×0.80 | 0.14 | 0.52 | 0.78 | |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.80 | | | | 0.00 |
| 合　計 | | 1.76 | 8.14 | 4.12 | 0.00 |
| 検　定 | | 0.04 | 0.16 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y4
又X20
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.64 | 0.59 | 0.43 | 0.21 | 0.05 |
| P2 | 0.83 | 0.76 | 0.55 | 0.27 | |
| | 0.37 | | | | 0.03 |
| P3 | 0.32 | 0.29 | 0.22 | 0.11 | 0.02 |
| P4 | 0.41 | 0.38 | 0.28 | 0.14 | |
| | 0.18 | | | | 0.01 |
| P5 | 0.41 | 0.16 | 0.08 | 0.34 | 0.02 |
| P6 | 0.53 | 0.21 | 0.10 | 0.43 | 0.02 |
| P7 | 0.68 | 0.27 | 0.12 | 0.55 | |
| | 0.30 | | | | 0.01 |
| P8 | 0.21 | 0.08 | 0.04 | 0.17 | 0.01 |
| P9 | 0.26 | 0.11 | 0.05 | 0.22 | 0.01 |
| P10 | 0.34 | 0.14 | 0.06 | 0.28 | |
| | 0.15 | | | | 0.01 |
| W1 | 1.47×0.12 | 0.13 | 0.24 | 0.05 | 0.01 |
| W2 | 1.47×0.13 | 0.37 | 0.18 | 0.25 | 0.03 |
| W3 | 1.47×0.23 | 0.24 | 0.45 | 0.09 | 0.02 |
| W4 | 1.47×0.22 | 0.68 | 0.33 | 0.45 | 0.06 |
| W5 | 1.80×0.12 | 0.16 | 0.30 | 0.06 | |
| W6 | 1.80×0.13 | 0.46 | 0.22 | 0.30 | |
| W7 | 1.80×0.23 | 0.30 | 0.55 | 0.11 | |
| W8 | 1.80×0.22 | 0.83 | 0.41 | 0.55 | |
| | 0.80×0.12 | | | | 0.01 |
| | 0.80×0.13 | | | | 0.02 |
| | 0.80×0.23 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.03 |
| W9 | 1.47×0.23 | 0.06 | 0.03 | 0.27 | 0.01 |
| W10 | 1.47×0.12 | 0.03 | 0.01 | 0.15 | 0.00 |
| W11 | 1.80×0.23 | 0.07 | 0.03 | 0.33 | |
| W12 | 1.80×0.12 | 0.04 | 0.02 | 0.18 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| 合　計 | | 6.37 | 4.69 | 5.48 | 0.39 |
| 検　定 | | 0.24 | 0.11 | 0.13 | 0.20 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>52.57 | Qa<br>62.40 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又Y4
又X14
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 6.30 | 0.58 | 0.80 | 5.50 | |
| | 6.30 | | | | 0.00 |
| P2 | 24.01 | 2.21 | 3.04 | 20.98 | 0.00 |
| P3 | 0.45 | 0.04 | 0.06 | 0.39 | 0.00 |
| P4 | 0.55 | 0.05 | 0.07 | 0.48 | 0.00 |
| P5 | 0.70 | 0.06 | 0.09 | 0.61 | |
| | 0.31 | | | | 0.00 |
| P6 | 0.17 | 0.02 | 0.02 | 0.15 | |
| | 0.17 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.06 | 0.43 | 0.43 | 0.00 |
| W2 | 0.54×1.67 | 0.00 | 0.01 | 0.10 | 0.00 |
| W3 | 0.54×1.67 | 0.05 | 0.40 | 0.31 | 0.00 |
| W4 | 1.40×0.28 | 0.03 | 0.18 | 0.18 | 0.00 |
| W5 | 1.80×0.28 | 0.03 | 0.23 | 0.23 | |
| | 0.80×0.28 | | | | 0.00 |
| W6 | 1.40×0.19 | 0.02 | 0.12 | 0.09 | 0.00 |
| W7 | 1.80×0.19 | 0.02 | 0.15 | 0.12 | |
| | 0.80×0.19 | | | | 0.00 |
| W8 | 1.40×0.04 | 0.00 | 0.00 | 0.01 | 0.00 |
| W9 | 1.80×0.04 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.04 | | | | 0.00 |
| 合　計 | | 3.18 | 5.58 | 29.57 | 0.00 |
| 検　定 | | 0.06 | 0.09 | 0.47 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>37.38 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又Y4
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.86 | 1.36 | 0.43 | 0.43 | 0.09 |
| P2 | 1.10 | 1.75 | 0.55 | 0.55 | |
| | 0.49 | | | | 0.05 |
| P3 | 0.25 | 0.12 | 0.04 | 0.21 | 0.01 |
| P4 | 0.32 | 0.16 | 0.05 | 0.27 | |
| | 0.14 | | | | 0.01 |
| P5 | 1.01 | 1.62 | 0.51 | 0.51 | 0.11 |
| P6 | 1.30 | 2.08 | 0.65 | 0.65 | |
| | 0.58 | | | | 0.06 |
| W1 | 1.55×0.22 | 0.85 | 0.80 | 0.27 | 0.07 |
| W2 | 1.55×0.24 | 0.94 | 0.88 | 0.29 | 0.08 |
| W3 | 1.55×0.24 | 0.84 | 0.26 | 0.54 | 0.07 |
| W4 | 1.55×0.22 | 0.85 | 0.27 | 0.80 | 0.07 |
| W5 | 1.55×0.13 | 0.05 | 0.02 | 0.18 | 0.00 |
| W6 | 1.80×0.22 | 0.99 | 0.93 | 0.31 | |
| W7 | 1.80×0.24 | 1.09 | 1.02 | 0.34 | |
| W8 | 1.80×0.24 | 0.98 | 0.31 | 0.63 | |
| W9 | 1.80×0.22 | 0.99 | 0.31 | 0.93 | |
| W10 | 1.80×0.13 | 0.06 | 0.02 | 0.20 | |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.13 | | | | 0.00 |
| 合　計 | | 14.72 | 7.05 | 7.11 | 0.79 |
| 検　定 | | 0.39 | 0.14 | 0.14 | 0.39 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X15
又Y4
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.12 | 0.02 | 0.08 | 0.08 | 0.00 |
| W2 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 1.80×0.12 | 0.02 | 0.10 | 0.10 | |
| W4 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| 0.80×0.12 | | | | 0.00 |
| 0.80×0.45 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 0.40 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又X21
又Y4
又X21
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.25 | 0.04 | 0.16 | 0.16 | 0.00 |
| W4 1.80×0.25 | 0.05 | 0.20 | 0.20 | |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.34 | 1.51 | 1.51 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>39.81 | Qa<br>57.60 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又Y4
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.29 | 0.13 | 0.19 | 0.10 | 0.02 |
| P2 | 0.37 | 0.16 | 0.25 | 0.12 | |
| | 0.17 | | | | 0.01 |
| P3 | 0.91 | 0.88 | 0.24 | 0.67 | 0.04 |
| P4 | 0.84 | 0.80 | 0.22 | 0.61 | 0.04 |
| P5 | 1.07 | 1.03 | 0.28 | 0.79 | |
| | 0.48 | | | | 0.02 |
| P6 | 10.74 | 10.34 | 2.84 | 7.90 | 0.51 |
| P7 | 2.25 | 2.17 | 0.60 | 1.66 | |
| | 2.25 | | | | 0.11 |
| P8 | 1.02 | 0.98 | 0.27 | 0.75 | |
| | 1.02 | | | | 0.05 |
| P9 | 0.32 | 0.14 | 0.22 | 0.11 | 0.02 |
| P10 | 0.41 | 0.18 | 0.28 | 0.14 | |
| | 0.18 | | | | 0.01 |
| P11 | 0.21 | 0.14 | 0.04 | 0.17 | 0.01 |
| P12 | 0.26 | 0.18 | 0.05 | 0.22 | 0.01 |
| P13 | 0.34 | 0.23 | 0.06 | 0.28 | |
| | 0.15 | | | | 0.01 |
| P14 | 0.60 | 0.40 | 0.11 | 0.49 | 0.02 |
| P15 | 0.31 | 0.21 | 0.06 | 0.26 | 0.01 |
| P16 | 0.40 | 0.27 | 0.07 | 0.33 | |
| | 0.18 | | | | 0.01 |
| P17 | 0.71 | 0.47 | 0.13 | 0.58 | |
| | 0.71 | | | | 0.02 |
| W1 | 1.47×0.11 | 0.06 | 0.21 | 0.04 | 0.01 |
| W2 | 1.47×0.12 | 0.06 | 0.24 | 0.05 | 0.01 |
| W3 | 1.47×0.11 | 0.27 | 0.16 | 0.21 | 0.02 |
| W4 | 1.47×0.13 | 0.25 | 0.17 | 0.19 | 0.02 |
| W5 | 1.47×0.12 | 0.06 | 0.02 | 0.05 | 0.00 |
| W6 | 1.80×0.11 | 0.07 | 0.26 | 0.05 | |
| W7 | 1.80×0.12 | 0.08 | 0.30 | 0.06 | |
| W8 | 1.80×0.11 | 0.33 | 0.19 | 0.26 | |
| W9 | 1.80×0.13 | 0.31 | 0.20 | 0.23 | |
| W10 | 1.80×0.12 | 0.07 | 0.02 | 0.07 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.01 |
| | 0.80×0.13 | | | | 0.01 |
| | 0.80×0.12 | | | | 0.00 |
| W11 | 1.47×0.11 | 0.05 | 0.01 | 0.13 | 0.00 |
| W12 | 1.47×0.12 | 0.05 | 0.01 | 0.15 | 0.00 |
| W13 | 1.80×0.11 | 0.06 | 0.02 | 0.16 | |
| W14 | 1.80×0.12 | 0.07 | 0.02 | 0.18 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.12 | | | | 0.00 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 合　計 | 20.48 | 7.75 | 16.98 | 1.00 | |
| | | | | | 検　定 | 0.51 | 0.13 | 0.29 | 0.50 | |
| | | | | | 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ | |
| | | | | | 荷重及び区分 | Ｇ＋Ｐ＋Ｋ | | | | |

| 階／通<br>支点 | 材種 | E | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | 断面欠損無 | | | | | | | | |

1/又X13
又Y４
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W2 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.34 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.24 | | | | 0.00 |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×21.0 | Ae<br>252.0<br>断面欠損有 | I<br>9261<br>×0.80 | Z<br>882<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>11.29 | Qa<br>26.88 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又Y4
又X17
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.08 | 0.30 | 0.06 | 0.01 |
| P2 | 0.47 | 0.11 | 0.39 | 0.08 | |
| | 0.21 | | | | 0.01 |
| P3 | 0.36 | 0.08 | 0.30 | 0.06 | 0.01 |
| P4 | 0.47 | 0.11 | 0.39 | 0.08 | |
| | 0.21 | | | | 0.01 |
| P5 | 0.36 | 0.08 | 0.06 | 0.30 | 0.01 |
| P6 | 0.46 | 0.11 | 0.08 | 0.39 | |
| | 0.21 | | | | 0.01 |
| P7 | 0.36 | 0.08 | 0.06 | 0.30 | 0.01 |
| P8 | 0.47 | 0.11 | 0.08 | 0.39 | |
| | 0.21 | | | | 0.01 |
| W1 | 1.40×0.22 | 0.02 | 0.13 | 0.01 | 0.00 |
| W2 | 1.40×0.24 | 0.02 | 0.14 | 0.01 | 0.00 |
| W3 | 1.40×0.22 | 0.25 | 0.28 | 0.28 | 0.02 |
| W4 | 1.40×0.22 | 0.02 | 0.01 | 0.13 | 0.00 |
| W5 | 1.40×0.24 | 0.02 | 0.01 | 0.14 | 0.00 |
| W6 | 1.40×0.24 | 0.28 | 0.30 | 0.30 | 0.03 |
| W7 | 1.80×0.22 | 0.02 | 0.16 | 0.01 | |
| W8 | 1.80×0.24 | 0.02 | 0.18 | 0.02 | |
| W9 | 1.80×0.22 | 0.32 | 0.36 | 0.36 | |
| W10 | 1.80×0.22 | 0.02 | 0.01 | 0.16 | |
| W11 | 1.80×0.24 | 0.02 | 0.02 | 0.18 | |
| W12 | 1.80×0.24 | 0.35 | 0.39 | 0.39 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.02 |
| 合　計 | | 2.11 | 3.65 | 3.64 | 0.15 |
| 検　定 | | 0.19 | 0.14 | 0.14 | 0.13 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×30.0 | 360.0 | 27000 | 1800 | 20.00 | 2.00 | 32.40 | 48.00 | 1.62 |
| | 係数 | 1.00 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/又X16
又Y4
又X18
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.78 | 4.25 | 2.74 | 2.03 | |
| | 4.78 | | | | 0.18 |
| P2 | 15.06 | 13.40 | 8.65 | 6.41 | 0.58 |
| P3 | 0.29 | 0.25 | 0.16 | 0.13 | 0.01 |
| P4 | 0.37 | 0.32 | 0.20 | 0.17 | |
| | 0.17 | | | | 0.01 |
| W1 | 0.54×1.67 | 0.62 | 1.10 | 0.30 | 0.03 |
| W2 | 0.54×1.67 | 0.84 | 0.54 | 1.34 | 0.05 |
| W3 | 1.40×0.13 | 0.28 | 0.31 | 0.31 | 0.02 |
| W4 | 1.80×0.13 | 0.36 | 0.40 | 0.40 | |
| | 0.80×0.13 | | | | 0.01 |
| W5 | 1.40×0.11 | 0.11 | 0.19 | 0.06 | 0.01 |
| W6 | 1.40×0.11 | 0.13 | 0.08 | 0.22 | 0.01 |
| W7 | 1.80×0.11 | 0.15 | 0.24 | 0.07 | |
| W8 | 1.80×0.11 | 0.16 | 0.10 | 0.28 | |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 20.86 | 14.73 | 11.72 | 0.90 |
| 検　定 | | 0.64 | 0.31 | 0.24 | 0.56 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>39.81 | Qa<br>57.60 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y4
又X18
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.05 | 0.12 | 0.24 | 0.00 |
| P2 | 0.47 | 0.07 | 0.16 | 0.31 | |
| | 0.21 | | | | 0.00 |
| P3 | 0.39 | 0.12 | 0.26 | 0.13 | 0.00 |
| P4 | 1.56 | 0.47 | 1.04 | 0.52 | 0.00 |
| P5 | 1.96 | 0.59 | 1.31 | 0.65 | |
| | 0.87 | | | | 0.00 |
| P6 | 2.84 | 0.86 | 1.89 | 0.95 | 0.00 |
| P7 | 0.60 | 0.18 | 0.40 | 0.20 | |
| | 0.60 | | | | 0.00 |
| P8 | 0.27 | 0.08 | 0.18 | 0.09 | |
| | 0.27 | | | | 0.00 |
| P9 | 0.13 | 0.04 | 0.09 | 0.04 | |
| | 0.13 | | | | 0.00 |
| P10 | 0.11 | 0.02 | 0.04 | 0.08 | 0.00 |
| P11 | 2.04 | 0.31 | 0.68 | 1.36 | 0.00 |
| P12 | 2.54 | 0.39 | 0.85 | 1.69 | |
| | 1.13 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.20 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.19 | 0.62 | 0.62 | 0.00 |
| W3 | 1.40×0.22 | 0.01 | 0.02 | 0.12 | 0.00 |
| W4 | 1.40×0.22 | 0.05 | 0.18 | 0.09 | 0.00 |
| W5 | 1.80×0.22 | 0.01 | 0.03 | 0.15 | |
| W6 | 1.80×0.22 | 0.07 | 0.23 | 0.12 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W7 | 1.40×0.42 | 0.06 | 0.13 | 0.13 | 0.00 |
| W8 | 1.40×0.42 | 0.04 | 0.22 | 0.04 | 0.00 |
| W9 | 1.40×0.44 | 0.02 | 0.05 | 0.23 | 0.00 |
| W10 | 1.80×0.42 | 0.08 | 0.17 | 0.17 | |
| W11 | 1.80×0.42 | 0.05 | 0.29 | 0.06 | |
| W12 | 1.80×0.44 | 0.03 | 0.06 | 0.29 | |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.42 | | | | 0.00 |
| | 0.80×0.44 | | | | 0.00 |
| 合　計 | | 3.99 | 9.65 | 8.93 | 0.02 |
| 検　定 | | 0.10 | 0.17 | 0.15 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.90 | Z<br>3042<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>42.05 | Qa<br>49.92 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又Y4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.08 | 0.18 | 0.18 | 0.00 |
| P2 | 0.47 | 0.11 | 0.23 | 0.23 | |
| | 0.21 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W3 | 1.40×0.24 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.40×0.16 | 0.01 | 0.03 | 0.08 | 0.00 |
| W5 | 1.80×0.24 | 0.02 | 0.14 | 0.05 | |
| W6 | 1.80×0.16 | 0.01 | 0.03 | 0.10 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.16 | | | | 0.00 |
| W7 | 1.40×0.27 | 0.04 | 0.17 | 0.17 | 0.00 |
| W8 | 1.80×0.27 | 0.05 | 0.22 | 0.22 | |
| | 0.80×0.27 | | | | 0.00 |
| 合　計 | | 0.53 | 1.96 | 1.90 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又
又X21
又Y4

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.40 | 0.06 | 0.25 | 0.25 | 0.00 |
| W2 | 1.40×0.62 | 0.09 | 0.39 | 0.39 | 0.00 |
| W3 | 1.80×0.40 | 0.07 | 0.33 | 0.33 | |
| W4 | 1.80×0.62 | 0.11 | 0.50 | 0.50 | |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.62 | | | | 0.00 |
| 合　計 | | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | | 0.05 | 0.08 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>44.79 | Qa<br>57.60 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.91 | 0.88 | 0.24 | 0.67 | 0.04 |
| P2 | 0.97 | 0.93 | 0.26 | 0.71 | 0.04 |
| P3 | 1.24 | 1.20 | 0.33 | 0.91 | |
| | 0.55 | | | | 0.02 |
| P4 | 10.74 | 10.34 | 2.84 | 7.90 | 0.45 |
| P5 | 2.25 | 2.17 | 0.60 | 1.66 | |
| | 2.25 | | | | 0.09 |
| P6 | 1.02 | 0.98 | 0.27 | 0.75 | |
| | 1.02 | | | | 0.04 |
| P7 | 0.40 | 0.27 | 0.07 | 0.32 | 0.01 |
| P8 | 0.31 | 0.21 | 0.06 | 0.26 | 0.01 |
| P9 | 0.40 | 0.27 | 0.07 | 0.33 | |
| | 0.18 | | | | 0.01 |
| P10 | 0.71 | 0.47 | 0.13 | 0.58 | |
| | 0.71 | | | | 0.02 |
| W1 | 1.47×0.13 | 0.43 | 0.45 | 0.45 | 0.03 |
| W2 | 1.47×0.11 | 0.27 | 0.36 | 0.21 | 0.02 |
| W3 | 1.47×0.11 | 0.05 | 0.01 | 0.05 | 0.00 |
| W4 | 1.47×0.11 | 0.05 | 0.01 | 0.13 | 0.00 |
| W5 | 1.80×0.13 | 0.53 | 0.55 | 0.55 | |
| W6 | 1.80×0.11 | 0.33 | 0.43 | 0.25 | |
| W7 | 1.80×0.11 | 0.06 | 0.02 | 0.06 | |
| W8 | 1.80×0.11 | 0.06 | 0.02 | 0.16 | |
| | 0.80×0.13 | | | | 0.02 |
| | 0.80×0.11 | | | | 0.01 |
| | 0.80×0.11 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 19.50 | 6.71 | 15.94 | 0.83 |
| 検　定 | | 0.44 | 0.12 | 0.28 | 0.41 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.16 | 0.53 | 0.58 | 0.58 | 0.01 |
| P2 | 1.49 | 0.68 | 0.75 | 0.75 | |
| | 0.66 | | | | 0.01 |
| P3 | 2.04 | 0.93 | 1.02 | 1.02 | 0.02 |
| P4 | 2.53 | 1.15 | 1.27 | 1.27 | |
| | 1.13 | | | | 0.01 |
| W1 | 1.40×0.46 | 0.13 | 0.44 | 0.15 | 0.00 |
| W2 | 1.40×0.23 | 0.06 | 0.21 | 0.07 | 0.00 |
| W3 | 1.40×0.23 | 0.06 | 0.07 | 0.21 | 0.00 |
| W4 | 1.40×0.46 | 0.13 | 0.15 | 0.44 | 0.00 |
| W5 | 1.80×0.46 | 0.17 | 0.56 | 0.19 | |
| W6 | 1.80×0.23 | 0.08 | 0.27 | 0.09 | |
| W7 | 1.80×0.23 | 0.08 | 0.09 | 0.27 | |
| W8 | 1.80×0.46 | 0.17 | 0.19 | 0.56 | |
| | 0.80×0.46 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.46 | | | | 0.00 |
| 合　計 | | 4.19 | 5.60 | 5.60 | 0.07 |
| 検　定 | | 0.28 | 0.18 | 0.18 | 0.09 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>12000<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>16.90 | fs<br>1.60 | Ma<br>41.12 | Qa<br>49.92 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X16
又Y３

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.50 | 0.54 | 0.33 | 0.17 | 0.04 |
| P2 | 0.60 | 0.65 | 0.40 | 0.20 | 0.05 |
| P3 | 0.77 | 0.83 | 0.51 | 0.26 | |
| | 0.34 | | | | 0.03 |
| P4 | 0.44 | 0.48 | 0.29 | 0.15 | |
| | 0.44 | | | | 0.04 |
| P5 | 0.51 | 0.61 | 0.19 | 0.32 | 0.04 |
| P6 | 0.48 | 0.57 | 0.18 | 0.30 | 0.04 |
| P7 | 0.61 | 0.73 | 0.23 | 0.38 | |
| | 0.27 | | | | 0.02 |
| P8 | 0.79 | 0.95 | 0.30 | 0.50 | |
| | 0.79 | | | | 0.07 |
| P9 | 0.22 | 0.11 | 0.03 | 0.18 | 0.01 |
| P10 | 0.26 | 0.13 | 0.04 | 0.22 | 0.01 |
| P11 | 0.34 | 0.17 | 0.05 | 0.28 | |
| | 0.15 | | | | 0.01 |
| P12 | 0.86 | 1.36 | 0.43 | 0.43 | 0.08 |
| P13 | 1.10 | 1.75 | 0.55 | 0.55 | |
| | 0.49 | | | | 0.05 |
| P14 | 0.43 | 0.22 | 0.07 | 0.36 | 0.02 |
| P15 | 0.38 | 0.19 | 0.06 | 0.32 | 0.02 |
| P16 | 0.49 | 0.24 | 0.08 | 0.41 | |
| | 0.22 | | | | 0.01 |
| W1 | 1.55×0.16 | 0.42 | 0.15 | 0.14 | 0.03 |
| W2 | 1.80×0.16 | 0.49 | 0.18 | 0.17 | |
| | 0.80×0.16 | | | | 0.01 |
| W3 | 1.55×0.24 | 0.43 | 0.66 | 0.14 | 0.04 |
| W4 | 1.55×0.14 | 0.51 | 0.19 | 0.18 | 0.03 |
| W5 | 1.55×0.24 | 0.43 | 0.14 | 0.38 | 0.03 |
| W6 | 1.55×0.24 | 0.09 | 0.03 | 0.34 | 0.01 |
| W7 | 1.55×0.22 | 0.85 | 0.80 | 0.27 | 0.06 |
| W8 | 1.55×0.22 | 0.77 | 0.24 | 0.49 | 0.06 |
| W9 | 1.55×0.11 | 0.04 | 0.01 | 0.15 | 0.00 |
| W10 | 1.80×0.24 | 0.50 | 0.77 | 0.16 | |
| W11 | 1.80×0.14 | 0.59 | 0.23 | 0.21 | |
| W12 | 1.80×0.24 | 0.50 | 0.16 | 0.44 | |
| W13 | 1.80×0.24 | 0.11 | 0.03 | 0.39 | |
| W14 | 1.80×0.22 | 0.99 | 0.93 | 0.31 | |
| W15 | 1.80×0.22 | 0.89 | 0.28 | 0.57 | |
| W16 | 1.80×0.11 | 0.05 | 0.01 | 0.17 | |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.14 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.03 |

| | | | | | |
|---|---|---|---|---|---|
| 0.80×0.11 | | | | 0.00 |
| W170.54×1.67 | 1.41 | 0.49 | 0.48 | 0.09 |
| W180.54×1.67 | 0.15 | 0.07 | 0.05 | 0.01 |
| 合　計 | 18.78 | 9.13 | 10.07 | 1.03 |
| 検　定 | 0.46 | 0.18 | 0.20 | 0.51 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種 | Ｅ | Ｂ×Ｄ | Ａe | Ｉ | Ｚ | fb | fs | Ｍa | Ｑa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×39.0 | 468.0 | 59319 | 3042 | 15.36 | 1.60 | 46.73 | 49.92 | 0.40 |
| | 係数 | 0.96 | 断面欠損無 | | | | | | | | |

1/又X10
又
又X10
又

○　モーメント図

○　たわみ図

| 荷重 | Ｍm | Ｑ1 | Ｑ2 | δｍ |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.10 | 0.43 | 0.43 | 0.00 |
| W2 1.40×0.29 | 0.04 | 0.18 | 0.18 | 0.00 |
| W3 1.40×0.54 | 0.08 | 0.34 | 0.34 | 0.00 |
| W4 1.80×0.29 | 0.05 | 0.24 | 0.24 | |
| W5 1.80×0.54 | 0.10 | 0.44 | 0.44 | |
| 0.80×0.29 | | | | 0.00 |
| 0.80×0.54 | | | | 0.00 |
| 合　計 | 0.37 | 1.63 | 1.63 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.90 | Z<br>2178<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>30.11 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X18
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.79 | 0.48 | 0.62 | 0.17 | 0.04 |
| P2 | 1.02 | 0.62 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| W1 | 1.47×0.24 | 0.11 | 0.32 | 0.04 | 0.01 |
| W2 | 1.47×0.24 | 0.93 | 0.53 | 0.82 | 0.07 |
| W3 | 1.47×0.11 | 0.46 | 0.38 | 0.38 | 0.04 |
| W4 | 1.80×0.24 | 0.13 | 0.39 | 0.05 | |
| W5 | 1.80×0.24 | 1.13 | 0.65 | 1.00 | |
| W6 | 1.80×0.11 | 0.56 | 0.47 | 0.47 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.11 | | | | 0.02 |
| 合　計 | | 4.42 | 4.17 | 3.14 | 0.23 |
| 検　定 | | 0.15 | 0.10 | 0.07 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X20
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.40 | 0.06 | 0.25 | 0.25 | 0.00 |
| W2 | 1.40×0.62 | 0.09 | 0.39 | 0.39 | 0.00 |
| W3 | 1.80×0.40 | 0.07 | 0.33 | 0.33 | |
| W4 | 1.80×0.62 | 0.11 | 0.50 | 0.50 | |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.62 | | | | 0.00 |
| 合　計 | | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | | 0.05 | 0.08 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X21
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W4 1.80×0.34 | 0.06 | 0.27 | 0.27 | |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.37 | 1.64 | 1.64 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W2 1.40×0.34 | 0.05 | 0.21 | 0.21 | 0.00 |
| W3 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| W4 1.80×0.34 | 0.06 | 0.28 | 0.28 | |
| 0.80×0.24 | | | | 0.00 |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.19 | 0.83 | 0.83 | 0.01 |
| 検　定 | 0.04 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.27 | 0.10 | 1.12 | 0.15 | 0.00 |
| P2 | 3.51 | 0.27 | 3.09 | 0.42 | |
| | 3.51 | | | | 0.00 |
| P3 | 0.36 | 0.08 | 0.24 | 0.12 | 0.00 |
| P4 | 0.47 | 0.10 | 0.31 | 0.16 | |
| | 0.21 | | | | 0.00 |
| P5 | 1.86 | 0.39 | 1.24 | 0.62 | 0.00 |
| P6 | 2.31 | 0.49 | 1.54 | 0.77 | |
| | 1.03 | | | | 0.00 |
| P7 | 0.42 | 0.10 | 0.14 | 0.28 | 0.00 |
| P8 | 0.31 | 0.08 | 0.10 | 0.21 | 0.00 |
| P9 | 1.14 | 0.28 | 0.38 | 0.76 | 0.00 |
| P10 | 1.42 | 0.34 | 0.47 | 0.95 | |
| | 0.63 | | | | 0.00 |
| P11 | 0.60 | 0.14 | 0.20 | 0.40 | |
| | 0.60 | | | | 0.00 |
| P12 | 0.27 | 0.07 | 0.09 | 0.18 | |
| | 0.27 | | | | 0.00 |
| P13 | 0.13 | 0.03 | 0.04 | 0.09 | |
| | 0.13 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.22 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.01 | 0.14 | 0.01 | 0.00 |
| W3 | 0.54×1.67 | 0.20 | 0.48 | 0.61 | 0.00 |
| W4 | 1.40×0.27 | 0.02 | 0.14 | 0.03 | 0.00 |
| W5 | 1.40×1.25 | 0.22 | 0.40 | 0.40 | 0.00 |
| W6 | 1.40×0.92 | 0.07 | 0.10 | 0.49 | 0.00 |
| W7 | 1.80×0.27 | 0.02 | 0.18 | 0.04 | |
| W8 | 1.80×1.25 | 0.29 | 0.51 | 0.51 | |
| W9 | 1.80×0.92 | 0.09 | 0.13 | 0.63 | |
| | 0.80×0.27 | | | | 0.00 |
| | 0.80×1.25 | | | | 0.00 |
| | 0.80×0.92 | | | | 0.00 |
| W10 | 1.40×0.22 | 0.01 | 0.12 | 0.02 | 0.00 |
| W11 | 1.40×0.22 | 0.06 | 0.09 | 0.19 | 0.00 |
| W12 | 1.80×0.22 | 0.02 | 0.15 | 0.03 | |
| W13 | 1.80×0.22 | 0.07 | 0.12 | 0.24 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 3.78 | 12.17 | 8.94 | 0.02 |
| 検　定 | | 0.12 | 0.26 | 0.19 | 0.03 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0 | Ae<br>396.0<br>断面欠損有 | I<br>35937<br>×0.80 | Z<br>2178<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>26.76 | Qa<br>42.24 | δa<br>2.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X17
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.79 | 0.49 | 0.62 | 0.17 | 0.04 |
| P2 | 1.02 | 0.64 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| P3 | 0.79 | 0.49 | 0.62 | 0.17 | 0.04 |
| P4 | 1.02 | 0.64 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| W1 | 1.47×0.24 | 0.11 | 0.32 | 0.04 | 0.01 |
| W2 | 1.47×0.24 | 0.91 | 0.53 | 0.82 | 0.08 |
| W3 | 1.47×0.23 | 0.11 | 0.31 | 0.04 | 0.01 |
| W4 | 1.47×0.22 | 0.85 | 0.50 | 0.76 | 0.07 |
| W5 | 1.80×0.24 | 0.14 | 0.39 | 0.05 | |
| W6 | 1.80×0.24 | 1.11 | 0.65 | 1.00 | |
| W7 | 1.80×0.23 | 0.13 | 0.38 | 0.04 | |
| W8 | 1.80×0.22 | 1.04 | 0.61 | 0.93 | |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.04 |
| 合　計 | | 6.65 | 6.53 | 4.45 | 0.39 |
| 検　定 | | 0.25 | 0.15 | 0.11 | 0.20 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.40 | 0.06 | 0.25 | 0.25 | 0.00 |
| W2 | 1.40×0.62 | 0.09 | 0.39 | 0.39 | 0.00 |
| W3 | 1.80×0.40 | 0.07 | 0.33 | 0.33 | |
| W4 | 1.80×0.62 | 0.11 | 0.50 | 0.50 | |
| | 0.80×0.40 | | | | 0.00 |
| | 0.80×0.62 | | | | 0.00 |
| 合　計 | | 0.33 | 1.47 | 1.47 | 0.01 |
| 検　定 | | 0.05 | 0.08 | 0.08 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 8.29 | 23.04 | 1.01 |
| | 係数 | 1.05 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X12
又
又X15
又Y4

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.20 | 0.22 | 0.15 | 0.02 |
| P2 | 0.47 | 0.25 | 0.28 | 0.19 | |
| | 0.21 | | | | 0.01 |
| P3 | 0.36 | 0.20 | 0.22 | 0.15 | 0.02 |
| P4 | 0.47 | 0.25 | 0.28 | 0.19 | |
| | 0.21 | | | | 0.01 |
| W1 | 1.40×0.22 | 0.08 | 0.22 | 0.06 | 0.01 |
| W2 | 1.40×0.22 | 0.11 | 0.12 | 0.29 | 0.01 |
| W3 | 1.40×0.24 | 0.08 | 0.24 | 0.06 | 0.01 |
| W4 | 1.40×0.24 | 0.12 | 0.14 | 0.32 | 0.02 |
| W5 | 1.80×0.22 | 0.10 | 0.29 | 0.07 | |
| W6 | 1.80×0.22 | 0.15 | 0.16 | 0.37 | |
| W7 | 1.80×0.24 | 0.11 | 0.31 | 0.08 | |
| W8 | 1.80×0.24 | 0.16 | 0.18 | 0.41 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.01 |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.01 |
| 合　計 | | 1.81 | 2.65 | 2.32 | 0.13 |
| 検　定 | | 0.22 | 0.12 | 0.10 | 0.12 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×12.0 | 144.0 | 1728 | 288 | 18.56 | 0.96 | 5.35 | 9.22 | 0.40 |
| | | | | 断面欠損無 | | | | | | | |

1/又X10
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.51 | 0.07 | 0.32 | 0.32 | 0.00 |
| W2 | 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W3 | 1.80×0.51 | 0.09 | 0.41 | 0.41 | |
| W4 | 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| | 0.80×0.51 | | | | 0.00 |
| | 0.80×0.45 | | | | 0.00 |
| 合　計 | | 0.32 | 1.39 | 1.39 | 0.01 |
| 検　定 | | 0.06 | 0.15 | 0.15 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損有 | I<br>59319<br>×0.80 | Z<br>3042<br>×0.80 | fb<br>19.20 | fs<br>2.00 | Ma<br>46.73 | Qa<br>62.40 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 7.17 | 0.66 | 0.36 | 6.81 | |
| | 7.17 | | | | 0.01 |
| P2 | 13.88 | 1.28 | 0.70 | 13.18 | 0.01 |
| P3 | 0.45 | 0.04 | 0.02 | 0.42 | 0.00 |
| P4 | 0.67 | 0.06 | 0.03 | 0.63 | 0.00 |
| P5 | 0.86 | 0.08 | 0.04 | 0.81 | |
| | 0.38 | | | | 0.00 |
| P6 | 0.09 | 0.01 | 0.00 | 0.09 | |
| | 0.09 | | | | 0.00 |
| P7 | 2.47 | 0.90 | 0.49 | 1.97 | 0.01 |
| P8 | 3.13 | 1.14 | 0.63 | 2.50 | |
| | 1.39 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.39 | 1.08 | 1.08 | 0.01 |
| W2 | 0.54×1.67 | 0.00 | 0.00 | 0.10 | 0.00 |
| W3 | 0.54×1.67 | 0.37 | 1.02 | 0.93 | 0.01 |
| W4 | 1.40×0.24 | 0.11 | 0.36 | 0.24 | 0.00 |
| W5 | 1.40×0.25 | 0.03 | 0.02 | 0.14 | 0.00 |
| W6 | 1.80×0.24 | 0.14 | 0.47 | 0.31 | |
| W7 | 1.80×0.25 | 0.04 | 0.02 | 0.18 | |
| | 0.80×0.24 | | | | 0.00 |
| | 0.80×0.25 | | | | 0.00 |
| W8 | 1.40×0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| W9 | 1.80×0.03 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.03 | | | | 0.00 |
| W10 | 1.40×0.22 | 0.12 | 0.35 | 0.31 | 0.00 |
| W11 | 1.80×0.22 | 0.16 | 0.44 | 0.40 | |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 5.53 | 6.05 | 30.12 | 0.05 |
| 検　定 | | 0.12 | 0.10 | 0.48 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.41 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 | 1.40×0.61 | 0.02 | 0.19 | 0.19 | 0.00 |
| W3 | 1.80×0.41 | 0.02 | 0.16 | 0.16 | |
| W4 | 1.80×0.61 | 0.03 | 0.25 | 0.25 | |
| | 0.80×0.41 | | | | 0.00 |
| | 0.80×0.61 | | | | 0.00 |
| 合　計 | | 0.08 | 0.74 | 0.74 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>20.00 | fs<br>2.00 | Ma<br>20.74 | Qa<br>38.40 | δa<br>0.58 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X22
又
又
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.66 | 0.43 | 1.16 | 0.51 | |
| | 1.66 | | | | 0.00 |
| P2 | 7.77 | 2.03 | 5.40 | 2.37 | 0.02 |
| P3 | 0.41 | 0.11 | 0.29 | 0.13 | 0.00 |
| P4 | 0.53 | 0.14 | 0.37 | 0.16 | 0.00 |
| P5 | 0.68 | 0.18 | 0.47 | 0.21 | |
| | 0.30 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.24 | 0.81 | 0.81 | 0.00 |
| W2 | 0.70×1.86 | 0.25 | 0.85 | 0.85 | 0.00 |
| W3 | 1.40×0.08 | 0.01 | 0.04 | 0.01 | 0.00 |
| W4 | 1.80×0.08 | 0.01 | 0.05 | 0.01 | |
| | 0.80×0.08 | | | | 0.00 |
| W5 | 1.40×0.24 | 0.05 | 0.10 | 0.19 | 0.00 |
| W6 | 1.80×0.24 | 0.06 | 0.13 | 0.25 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 3.50 | 9.66 | 5.49 | 0.04 |
| 検　定 | | 0.17 | 0.25 | 0.14 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×33.0 | 396.0 | 35937 | 2178 | 15.36 | 1.60 | 26.76 | 42.24 | 2.00 |
| | 係数 | 0.96 | | 断面欠損有 | ×0.80 | ×0.80 | | | | | |

1/又X14
又
又X16
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.40 | 0.15 | 0.06 | 0.33 | 0.02 |
| P2 | 0.61 | 0.22 | 0.10 | 0.51 | 0.02 |
| P3 | 0.78 | 0.29 | 0.13 | 0.65 | |
| | 0.35 | | | | 0.01 |
| P4 | 0.63 | 0.23 | 0.10 | 0.53 | |
| | 0.63 | | | | 0.02 |
| P5 | 0.66 | 0.38 | 0.52 | 0.14 | 0.03 |
| P6 | 0.85 | 0.48 | 0.67 | 0.18 | |
| | 0.38 | | | | 0.02 |
| P7 | 0.79 | 0.45 | 0.62 | 0.17 | 0.04 |
| P8 | 1.02 | 0.58 | 0.80 | 0.22 | |
| | 0.45 | | | | 0.02 |
| W1 | 1.47×0.18 | 0.03 | 0.01 | 0.15 | 0.00 |
| W2 | 1.80×0.18 | 0.04 | 0.02 | 0.18 | |
| | 0.80×0.18 | | | | 0.00 |
| W3 | 1.47×0.23 | 0.10 | 0.31 | 0.04 | 0.01 |
| W4 | 1.47×0.24 | 0.10 | 0.32 | 0.04 | 0.01 |
| W5 | 1.47×0.22 | 0.88 | 0.50 | 0.76 | 0.07 |
| W6 | 1.47×0.24 | 0.90 | 0.51 | 0.56 | 0.07 |
| W7 | 1.47×0.10 | 0.02 | 0.01 | 0.10 | 0.00 |
| W8 | 1.80×0.23 | 0.12 | 0.38 | 0.04 | |
| W9 | 1.80×0.24 | 0.12 | 0.39 | 0.05 | |
| W10 | 1.80×0.22 | 1.08 | 0.61 | 0.93 | |
| W11 | 1.80×0.24 | 1.10 | 0.62 | 0.69 | |
| W12 | 1.80×0.10 | 0.03 | 0.01 | 0.13 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.01 |
| | 0.80×0.22 | | | | 0.04 |
| | 0.80×0.24 | | | | 0.04 |
| | 0.80×0.10 | | | | 0.00 |
| W13 | 0.54×1.67 | 0.10 | 0.04 | 0.51 | 0.01 |
| 合　計 | | 7.39 | 6.73 | 6.91 | 0.47 |
| 検　定 | | 0.28 | 0.16 | 0.16 | 0.23 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.41 | 0.01 | 0.13 | 0.13 | 0.00 |
| W2 1.40×0.51 | 0.02 | 0.16 | 0.16 | 0.00 |
| W3 1.80×0.41 | 0.02 | 0.16 | 0.16 | |
| W4 1.80×0.51 | 0.02 | 0.21 | 0.21 | |
| 0.80×0.41 | | | | 0.00 |
| 0.80×0.51 | | | | 0.00 |
| 合　計 | 0.07 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.99 | 0.14 | 0.63 | 0.63 | 0.00 |
| W3 1.80×0.26 | 0.05 | 0.21 | 0.21 | |
| W4 1.80×0.99 | 0.18 | 0.81 | 0.81 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.99 | | | | 0.00 |
| 合　計 | 0.41 | 1.81 | 1.81 | 0.01 |
| 検　定 | 0.06 | 0.09 | 0.09 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W3 1.40×0.19 | 0.01 | 0.06 | 0.06 | 0.00 |
| W4 1.80×0.19 | 0.01 | 0.08 | 0.08 | |
| 0.80×0.19 | | | | 0.00 |
| W5 0.30×0.62 | 0.00 | 0.04 | 0.04 | 0.00 |
| W6 0.65×0.62 | 0.01 | 0.09 | 0.09 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.08 | 0.69 | 0.69 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.80 | Z<br>2592<br>×0.80 | fb<br>15.36 | fs<br>1.60 | Ma<br>31.85 | Qa<br>46.08 | δa<br>1.01 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.36 | 0.20 | 0.22 | 0.15 | 0.00 |
| P2 | 0.47 | 0.25 | 0.28 | 0.19 | |
| | 0.21 | | | | 0.00 |
| P3 | 0.11 | 0.06 | 0.06 | 0.04 | 0.00 |
| P4 | 2.90 | 1.58 | 1.74 | 1.16 | 0.02 |
| P5 | 3.62 | 1.98 | 2.17 | 1.45 | |
| | 1.61 | | | | 0.01 |
| P6 | 0.10 | 0.06 | 0.06 | 0.04 | |
| | 0.10 | | | | 0.00 |
| P7 | 2.90 | 0.53 | 0.58 | 2.32 | 0.01 |
| P8 | 3.63 | 0.66 | 0.73 | 2.90 | |
| | 1.61 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.59 | 1.08 | 1.08 | 0.01 |
| W2 | 0.54×1.67 | 0.56 | 1.03 | 1.03 | 0.01 |
| W3 | 1.40×0.28 | 0.13 | 0.14 | 0.21 | 0.00 |
| W4 | 1.40×0.28 | 0.09 | 0.28 | 0.07 | 0.00 |
| W5 | 1.40×0.28 | 0.02 | 0.02 | 0.16 | 0.00 |
| W6 | 1.80×0.28 | 0.16 | 0.18 | 0.27 | |
| W7 | 1.80×0.28 | 0.12 | 0.36 | 0.09 | |
| W8 | 1.80×0.28 | 0.02 | 0.02 | 0.20 | |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| | 0.80×0.28 | | | | 0.00 |
| W9 | 1.40×0.22 | 0.08 | 0.22 | 0.06 | 0.00 |
| W10 | 1.40×0.22 | 0.11 | 0.12 | 0.29 | 0.00 |
| W11 | 1.80×0.22 | 0.10 | 0.29 | 0.07 | |
| W12 | 1.80×0.22 | 0.15 | 0.16 | 0.37 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 7.44 | 9.73 | 12.14 | 0.07 |
| 検　定 | | 0.23 | 0.21 | 0.26 | 0.07 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>19.20 | fs<br>2.00 | Ma<br>58.41 | Qa<br>62.40 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.98 | 0.43 | 0.39 | 3.59 | |
| | 3.98 | | | | 0.00 |
| P2 | 15.06 | 1.63 | 1.49 | 13.57 | 0.00 |
| W1 | 0.54×1.76 | 0.14 | 0.65 | 0.65 | 0.00 |
| W2 | 0.54×1.67 | 0.13 | 0.61 | 0.50 | 0.00 |
| W3 | 0.54×1.67 | 0.01 | 0.01 | 0.12 | 0.00 |
| W4 | 1.40×0.28 | 0.06 | 0.27 | 0.27 | 0.00 |
| W5 | 1.80×0.28 | 0.08 | 0.34 | 0.34 | |
| | 0.80×0.28 | | | | 0.00 |
| W6 | 1.40×0.56 | 0.12 | 0.53 | 0.53 | 0.00 |
| W7 | 1.80×0.56 | 0.15 | 0.68 | 0.68 | |
| | 0.80×0.56 | | | | 0.00 |
| 合　計 | | 2.73 | 4.97 | 20.25 | 0.01 |
| 検　定 | | 0.05 | 0.08 | 0.32 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋K | | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×12.0 | Ae<br>144.0<br>断面欠損無 | I<br>1728 | Z<br>288 | fb<br>18.56 | fs<br>0.96 | Ma<br>5.35 | Qa<br>9.22 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X11
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.45 | 0.07 | 0.29 | 0.29 | 0.00 |
| W2 | 1.40×0.57 | 0.08 | 0.36 | 0.36 | 0.00 |
| W3 | 1.80×0.45 | 0.08 | 0.37 | 0.37 | |
| W4 | 1.80×0.57 | 0.11 | 0.46 | 0.46 | |
| | 0.80×0.45 | | | | 0.00 |
| | 0.80×0.57 | | | | 0.00 |
| 合　計 | | 0.34 | 1.48 | 1.48 | 0.01 |
| 検　定 | | 0.06 | 0.16 | 0.16 | 0.03 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×39.0 | Ae<br>468.0<br>断面欠損無 | I<br>59319 | Z<br>3042 | fb<br>15.36 | fs<br>1.60 | Ma<br>46.73 | Qa<br>49.92 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X9
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.01 | 0.17 | 0.17 | 0.00 |
| W2 0.54×1.67 | 0.01 | 0.16 | 0.16 | 0.00 |
| W3 1.40×0.13 | 0.00 | 0.03 | 0.03 | 0.00 |
| W4 1.80×0.13 | 0.00 | 0.04 | 0.04 | |
| 0.80×0.13 | | | | 0.00 |
| W5 1.40×0.15 | 0.00 | 0.04 | 0.04 | 0.00 |
| W6 1.80×0.15 | 0.00 | 0.05 | 0.05 | |
| 0.80×0.15 | | | | 0.00 |
| 合　計 | 0.04 | 0.48 | 0.48 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X21
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.59 | 0.09 | 0.38 | 0.38 | 0.00 |
| W3 1.80×0.59 | 0.11 | 0.48 | 0.48 | |
| 0.80×0.59 | | | | 0.00 |
| W4 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.37 | 1.61 | 1.61 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.04 | 0.28 | 0.28 | 0.00 |
| W2 0.54×1.67 | 0.04 | 0.27 | 0.27 | 0.00 |
| W3 1.40×0.25 | 0.02 | 0.10 | 0.10 | 0.00 |
| W4 1.80×0.25 | 0.02 | 0.13 | 0.13 | |
| 0.80×0.25 | | | | 0.00 |
| W5 0.30×0.62 | 0.01 | 0.05 | 0.05 | 0.00 |
| W6 0.65×0.62 | 0.02 | 0.12 | 0.12 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.14 | 0.96 | 0.96 | 0.00 |
| 検　定 | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.99 | 0.14 | 0.63 | 0.63 | 0.00 |
| W3 1.80×0.26 | 0.05 | 0.21 | 0.21 | |
| W4 1.80×0.99 | 0.18 | 0.81 | 0.81 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.99 | | | | 0.00 |
| 合　計 | 0.41 | 1.81 | 1.81 | 0.01 |
| 検　定 | 0.06 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.13 | 0.50 | 0.50 | 0.00 |
| W2 0.54×1.67 | 0.12 | 0.47 | 0.47 | 0.00 |
| W3 1.40×0.24 | 0.05 | 0.18 | 0.18 | 0.00 |
| W4 1.80×0.24 | 0.06 | 0.23 | 0.23 | |
| 0.80×0.24 | | | | 0.00 |
| W5 0.30×0.62 | 0.03 | 0.10 | 0.10 | 0.00 |
| W6 0.65×0.62 | 0.06 | 0.21 | 0.21 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.44 | 1.68 | 1.68 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又
又X21
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.59 | 0.09 | 0.38 | 0.38 | 0.00 |
| W3 1.80×0.59 | 0.11 | 0.48 | 0.48 | |
| 0.80×0.59 | | | | 0.00 |
| W4 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.37 | 1.61 | 1.61 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.26 | 0.04 | 0.16 | 0.16 | 0.00 |
| W2 1.40×0.79 | 0.11 | 0.50 | 0.50 | 0.00 |
| W3 1.80×0.26 | 0.05 | 0.21 | 0.21 | |
| W4 1.80×0.79 | 0.15 | 0.64 | 0.64 | |
| 0.80×0.26 | | | | 0.00 |
| 0.80×0.79 | | | | 0.00 |
| 合　計 | 0.34 | 1.51 | 1.51 | 0.01 |
| 検　定 | 0.05 | 0.08 | 0.08 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.22 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.03 | 0.24 | 0.24 | 0.00 |
| W2 0.54×1.67 | 0.03 | 0.23 | 0.23 | 0.00 |
| W3 1.40×0.07 | 0.00 | 0.02 | 0.02 | 0.00 |
| W4 1.80×0.07 | 0.00 | 0.03 | 0.03 | |
| 0.80×0.07 | | | | 0.00 |
| W5 0.30×0.62 | 0.01 | 0.05 | 0.05 | 0.00 |
| W6 0.65×0.62 | 0.01 | 0.10 | 0.10 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.08 | 0.66 | 0.66 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y5
又X20
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 | 1.40×0.59 | 0.09 | 0.38 | 0.38 | 0.00 |
| W3 | 1.80×0.59 | 0.11 | 0.48 | 0.48 | |
| | 0.80×0.59 | | | | 0.00 |
| W4 | 1.40×0.24 | 0.03 | 0.15 | 0.15 | 0.00 |
| W5 | 1.80×0.24 | 0.04 | 0.19 | 0.19 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 0.37 | 1.61 | 1.61 | 0.01 |
| 検　定 | | 0.05 | 0.08 | 0.08 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.80 | Z<br>1152<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>14.75 | Qa<br>30.72 | δa<br>1.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y5
又X12
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.65 | 0.64 | 0.29 | 0.36 | 0.08 |
| P2 | 0.83 | 0.82 | 0.37 | 0.46 | |
| | 0.37 | | | | 0.04 |
| P3 | 0.61 | 0.60 | 0.27 | 0.34 | 0.07 |
| P4 | 0.78 | 0.77 | 0.35 | 0.43 | |
| | 0.35 | | | | 0.04 |
| W1 | 1.47×0.21 | 0.34 | 0.50 | 0.19 | 0.05 |
| W2 | 1.47×0.22 | 0.30 | 0.13 | 0.45 | 0.04 |
| W3 | 1.47×0.24 | 0.32 | 0.14 | 0.49 | 0.04 |
| W4 | 1.47×0.23 | 0.37 | 0.54 | 0.21 | 0.06 |
| W5 | 1.80×0.21 | 0.41 | 0.61 | 0.23 | |
| W6 | 1.80×0.22 | 0.36 | 0.16 | 0.55 | |
| W7 | 1.80×0.24 | 0.40 | 0.17 | 0.60 | |
| W8 | 1.80×0.23 | 0.46 | 0.67 | 0.25 | |
| | 0.80×0.21 | | | | 0.03 |
| | 0.80×0.22 | | | | 0.02 |
| | 0.80×0.24 | | | | 0.02 |
| | 0.80×0.23 | | | | 0.03 |
| 合　計 | | 5.79 | 4.20 | 4.57 | 0.54 |
| 検　定 | | 0.39 | 0.14 | 0.15 | 0.30 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>35.83 | Qa<br>46.08 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X21
又Y5
又
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.67 | 0.20 | 0.45 | 0.22 | 0.00 |
| P2 | 2.94 | 0.89 | 1.96 | 0.98 | 0.00 |
| P3 | 3.68 | 1.12 | 2.45 | 1.23 | |
| | 1.64 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.26 | 0.85 | 0.85 | 0.00 |
| W2 | 0.70×1.86 | 0.27 | 0.88 | 0.88 | 0.00 |
| W3 | 1.40×0.22 | 0.04 | 0.09 | 0.19 | 0.00 |
| W4 | 1.40×0.22 | 0.02 | 0.11 | 0.02 | 0.00 |
| W5 | 1.80×0.22 | 0.05 | 0.12 | 0.24 | |
| W6 | 1.80×0.22 | 0.03 | 0.15 | 0.03 | |
| | 0.80×0.22 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 2.88 | 7.06 | 4.64 | 0.01 |
| 検　定 | | 0.08 | 0.15 | 0.10 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.18 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又Y5
又X19
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.67 | 0.02 | 0.18 | 0.18 | 0.00 |
| W2 | 1.40×0.12 | 0.00 | 0.03 | 0.03 | 0.00 |
| W3 | 1.80×0.12 | 0.00 | 0.04 | 0.04 | |
| | 0.80×0.12 | | | | 0.00 |
| W4 | 1.40×0.11 | 0.00 | 0.03 | 0.03 | 0.00 |
| W5 | 1.80×0.11 | 0.00 | 0.04 | 0.04 | |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 0.03 | 0.33 | 0.33 | 0.00 |
| 検　定 | | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又Y5
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.76 | 0.12 | 0.48 | 0.48 | 0.00 |
| W2 0.54×1.67 | 0.12 | 0.46 | 0.46 | 0.00 |
| W3 1.40×0.29 | 0.05 | 0.20 | 0.20 | 0.00 |
| W4 1.80×0.29 | 0.07 | 0.26 | 0.26 | |
| 0.80×0.29 | | | | 0.00 |
| W5 0.30×0.62 | 0.02 | 0.09 | 0.09 | 0.00 |
| W6 0.65×0.62 | 0.05 | 0.21 | 0.21 | |
| 0.30×0.62 | | | | 0.00 |
| 合　計 | 0.43 | 1.70 | 1.70 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y5
又X19
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W2 1.40×0.59 | 0.02 | 0.19 | 0.19 | 0.00 |
| W3 1.80×0.59 | 0.03 | 0.24 | 0.24 | |
| 0.80×0.59 | | | | 0.00 |
| W4 1.40×0.24 | 0.01 | 0.08 | 0.08 | 0.00 |
| W5 1.80×0.24 | 0.01 | 0.10 | 0.10 | |
| 0.80×0.24 | | | | 0.00 |
| 合　計 | 0.09 | 0.81 | 0.81 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>28.80 | Qa<br>48.00 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又Y５
又X19
又Y５

P1, 2, 3, 4, 5, 6, 7, 8, 9

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 4.51 | 1.02 | 2.25 | 2.25 | |
| | 4.51 | | | | 0.00 |
| P2 | 21.47 | 4.89 | 10.74 | 10.74 | 0.01 |
| P3 | 1.64 | 0.37 | 0.82 | 0.82 | 0.00 |
| P4 | 0.71 | 0.16 | 0.36 | 0.36 | 0.00 |
| P5 | 0.92 | 0.21 | 0.46 | 0.46 | |
| | 0.41 | | | | 0.00 |
| P6 | 2.03 | 0.46 | 1.02 | 1.02 | |
| | 2.03 | | | | 0.00 |
| P7 | 0.18 | 0.04 | 0.09 | 0.09 | 0.00 |
| P8 | 0.06 | 0.01 | 0.03 | 0.03 | 0.00 |
| P9 | 0.08 | 0.02 | 0.04 | 0.04 | |
| | 0.04 | | | | 0.00 |
| W1 | 1.40×0.90 | 0.07 | 0.43 | 0.14 | 0.00 |
| W2 | 1.40×0.11 | 0.01 | 0.05 | 0.02 | 0.00 |
| W3 | 1.80×0.90 | 0.08 | 0.55 | 0.18 | |
| W4 | 1.80×0.11 | 0.01 | 0.07 | 0.02 | |
| | 0.80×0.90 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| W5 | 1.40×0.49 | 0.04 | 0.08 | 0.23 | 0.00 |
| W6 | 1.40×0.11 | 0.01 | 0.02 | 0.05 | 0.00 |
| W7 | 1.80×0.49 | 0.05 | 0.10 | 0.30 | |
| W8 | 1.80×0.11 | 0.01 | 0.02 | 0.07 | |
| | 0.80×0.49 | | | | 0.00 |
| | 0.80×0.11 | | | | 0.00 |
| 合　計 | | 7.46 | 17.12 | 16.83 | 0.02 |
| 検　定 | | 0.26 | 0.36 | 0.35 | 0.05 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又Y5
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.54×1.67 | 0.09 | 0.41 | 0.41 | 0.00 |
| W2 1.40×0.12 | 0.02 | 0.08 | 0.08 | 0.00 |
| W3 1.80×0.12 | 0.02 | 0.10 | 0.10 | |
| 0.80×0.12 | | | | 0.00 |
| W4 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W5 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.17 | 0.74 | 0.74 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>6.48 | Qa<br>19.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X10
又Y5
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| P1 0.32 | 0.09 | 0.19 | 0.13 | 0.00 |
| P2 0.74 | 0.20 | 0.43 | 0.31 | |
| 0.48 | | | | 0.00 |
| W1 0.54×1.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| W2 0.54×1.76 | 0.14 | 0.51 | 0.52 | 0.01 |
| W3 0.54×1.69 | 0.00 | 0.00 | 0.00 | 0.00 |
| W4 0.54×1.67 | 0.13 | 0.49 | 0.49 | 0.01 |
| W5 0.30×0.62 | 0.03 | 0.10 | 0.10 | 0.00 |
| W6 0.65×0.62 | 0.06 | 0.22 | 0.22 | |
| 0.30×0.62 | | | | 0.00 |
| W7 1.40×0.30 | 0.03 | 0.15 | 0.04 | 0.00 |
| W8 1.40×0.46 | 0.05 | 0.12 | 0.29 | 0.00 |
| W9 3.20×0.30 | 0.06 | 0.34 | 0.09 | |
| W10 3.20×0.46 | 0.13 | 0.28 | 0.67 | |
| 2.10×0.30 | | | | 0.00 |
| 2.10×0.46 | | | | 0.00 |
| W11 0.54×4.28 | 0.00 | 0.01 | 0.00 | 0.00 |
| 合　計 | 0.90 | 2.84 | 2.86 | 0.03 |
| 検　定 | 0.14 | 0.15 | 0.15 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 20.00 | 2.00 | 20.74 | 38.40 | 1.11 |
| | 係数 | 1.02 | | 断面欠損有 | ×0.90 | ×0.90 | | | | | |

1/X10
又Y5
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.18 | 1.69 | 0.98 | 2.20 | |
| | 3.18 | | | | 0.06 |
| P2 | 15.06 | 8.01 | 4.66 | 10.40 | 0.30 |
| P3 | 0.65 | 0.34 | 0.20 | 0.45 | 0.01 |
| P4 | 0.83 | 0.44 | 0.26 | 0.58 | |
| | 0.37 | | | | 0.01 |
| W1 | 0.54×1.76 | 0.62 | 1.18 | 1.18 | 0.04 |
| W2 | 0.54×1.67 | 0.41 | 1.02 | 0.54 | 0.03 |
| W3 | 0.54×1.67 | 0.19 | 0.11 | 0.59 | 0.01 |
| W4 | 1.40×0.19 | 0.05 | 0.03 | 0.17 | 0.00 |
| W5 | 1.40×0.23 | 0.14 | 0.36 | 0.19 | 0.01 |
| W6 | 1.80×0.19 | 0.07 | 0.04 | 0.22 | |
| W7 | 1.80×0.23 | 0.19 | 0.46 | 0.24 | |
| | 0.80×0.19 | | | | 0.00 |
| | 0.80×0.23 | | | | 0.01 |
| W8 | 0.30×0.62 | 0.12 | 0.23 | 0.23 | 0.01 |
| W9 | 0.65×0.62 | 0.27 | 0.50 | 0.50 | |
| | 0.30×0.62 | | | | 0.01 |
| 合　計 | | 12.54 | 10.02 | 17.47 | 0.49 |
| 検　定 | | 0.60 | 0.26 | 0.46 | 0.44 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>44.79 | Qa<br>57.60 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X20
又Y５
又X21
又Y５

P1,2,3,4,5,6

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 3.90 | 0.89 | 1.95 | 1.95 | |
| | 3.90 | | | | 0.00 |
| P2 | 9.02 | 2.05 | 4.51 | 4.51 | 0.00 |
| P3 | 1.42 | 0.32 | 0.71 | 0.71 | 0.00 |
| P4 | 2.94 | 0.67 | 1.47 | 1.47 | 0.00 |
| P5 | 3.68 | 0.84 | 1.84 | 1.84 | |
| | 1.64 | | | | 0.00 |
| P6 | 1.68 | 0.38 | 0.84 | 0.84 | |
| | 1.68 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.22 | 0.02 | 0.10 | 0.03 | 0.00 |
| W4 | 1.80×0.22 | 0.02 | 0.13 | 0.04 | |
| | 0.80×0.22 | | | | 0.00 |
| W5 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W6 | 1.80×0.23 | 0.02 | 0.05 | 0.14 | |
| | 0.80×0.23 | | | | 0.00 |
| 合　計 | | 5.48 | 12.78 | 12.79 | 0.01 |
| 検　定 | | 0.12 | 0.22 | 0.22 | 0.02 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損有 | I<br>5832<br>×0.80 | Z<br>648<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>10.37 | Qa<br>28.80 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又Y5

P1,2,3,4,5,6,7,8

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.41 | 0.32 | 0.71 | 0.71 | |
| | 1.41 | | | | 0.00 |
| P2 | 8.68 | 1.97 | 4.34 | 4.34 | 0.03 |
| P3 | 0.41 | 0.09 | 0.21 | 0.21 | 0.00 |
| P4 | 0.14 | 0.03 | 0.07 | 0.07 | 0.00 |
| P5 | 0.19 | 0.04 | 0.09 | 0.09 | |
| | 0.08 | | | | 0.00 |
| P6 | 0.18 | 0.04 | 0.09 | 0.09 | 0.00 |
| P7 | 0.06 | 0.01 | 0.03 | 0.03 | 0.00 |
| P8 | 0.08 | 0.02 | 0.04 | 0.04 | |
| | 0.04 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.05 | 0.10 | 0.31 | 0.00 |
| W2 | 1.40×0.10 | 0.01 | 0.04 | 0.01 | 0.00 |
| W3 | 1.40×0.24 | 0.02 | 0.11 | 0.04 | 0.00 |
| W4 | 1.80×0.10 | 0.01 | 0.06 | 0.02 | |
| W5 | 1.80×0.24 | 0.02 | 0.15 | 0.05 | |
| | 0.80×0.10 | | | | 0.00 |
| | 0.80×0.24 | | | | 0.00 |
| W6 | 1.40×0.10 | 0.01 | 0.01 | 0.04 | 0.00 |
| W7 | 1.80×0.10 | 0.01 | 0.02 | 0.06 | |
| | 0.80×0.10 | | | | 0.00 |
| W8 | 1.40×0.24 | 0.02 | 0.04 | 0.11 | 0.00 |
| W9 | 1.80×0.24 | 0.02 | 0.05 | 0.15 | |
| | 0.80×0.24 | | | | 0.00 |
| 合　計 | | 2.69 | 6.16 | 6.36 | 0.04 |
| 検　定 | | 0.26 | 0.21 | 0.22 | 0.09 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>0.24 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X15
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.03 | 0.25 | 0.25 | 0.00 |
| W2 | 0.54×1.67 | 0.03 | 0.24 | 0.24 | 0.00 |
| W3 | 1.40×0.38 | 0.02 | 0.14 | 0.14 | 0.00 |
| W4 | 1.80×0.38 | 0.02 | 0.18 | 0.18 | |
| | 0.80×0.38 | | | | 0.00 |
| W5 | 0.30×0.62 | 0.01 | 0.05 | 0.05 | 0.00 |
| W6 | 0.65×0.62 | 0.01 | 0.11 | 0.11 | |
| | 0.30×0.62 | | | | 0.00 |
| 合　計 | | 0.13 | 0.96 | 0.96 | 0.00 |
| 検　定 | | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>15.36 | fs<br>1.60 | Ma<br>35.83 | Qa<br>46.08 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X19
又
又X20
又Y5

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.50 | 0.11 | 0.25 | 0.25 | 0.00 |
| P2 | 2.21 | 0.50 | 1.10 | 1.11 | 0.00 |
| P3 | 2.76 | 0.63 | 1.38 | 1.38 | |
| | 1.23 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.23 | 0.02 | 0.04 | 0.11 | 0.00 |
| W4 | 1.40×0.22 | 0.02 | 0.10 | 0.03 | 0.00 |
| W5 | 1.80×0.23 | 0.02 | 0.05 | 0.14 | |
| W6 | 1.80×0.22 | 0.02 | 0.13 | 0.04 | |
| | 0.80×0.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 1.58 | 4.21 | 4.21 | 0.00 |
| 検　定 | | 0.04 | 0.09 | 0.09 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損有 | I<br>13824<br>×0.90 | Z<br>1152<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>16.59 | Qa<br>30.72 | δa<br>0.47 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
X10
又Y5

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.24 | 0.00 | 0.01 | 1.23 | 0.00 |
| P2 | 0.17 | 0.00 | 0.00 | 0.16 | 0.00 |
| P3 | 0.21 | 0.00 | 0.00 | 0.21 | |
| | 0.09 | | | | 0.00 |
| P4 | 0.06 | 0.00 | 0.00 | 0.06 | 0.00 |
| P5 | 0.13 | 0.00 | 0.00 | 0.13 | |
| | 0.09 | | | | 0.00 |
| W1 | 1.40×9.80 | 0.00 | 0.00 | 0.11 | 0.00 |
| W2 | 1.80×9.80 | 0.00 | 0.00 | 0.14 | |
| | 0.80×9.80 | | | | 0.00 |
| W3 | 1.40×0.07 | 0.01 | 0.05 | 0.05 | 0.00 |
| W4 | 1.40×0.13 | 0.02 | 0.09 | 0.09 | 0.00 |
| W5 | 3.20×0.07 | 0.03 | 0.12 | 0.11 | |
| W6 | 3.20×0.13 | 0.06 | 0.21 | 0.21 | |
| | 2.10×0.07 | | | | 0.00 |
| | 2.10×0.13 | | | | 0.00 |
| W7 | 0.54×1.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| W8 | 0.54×3.09 | 0.00 | 0.00 | 0.01 | 0.00 |
| 合　計 | | 0.13 | 0.49 | 2.52 | 0.00 |
| 検　定 | | 0.01 | 0.02 | 0.08 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>20.00 | fs<br>2.00 | Ma<br>28.80 | Qa<br>48.00 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 1.88 | 0.81 | 0.81 | 1.07 | |
| | 1.88 | | | | 0.01 |
| P2 | 15.06 | 6.52 | 6.51 | 8.55 | 0.09 |
| P3 | 0.42 | 0.18 | 0.18 | 0.24 | 0.00 |
| P4 | 0.63 | 0.27 | 0.27 | 0.36 | 0.00 |
| P5 | 0.81 | 0.35 | 0.35 | 0.46 | |
| | 0.36 | | | | 0.00 |
| P6 | 0.09 | 0.04 | 0.04 | 0.05 | |
| | 0.09 | | | | 0.00 |
| P7 | 0.62 | 0.10 | 0.50 | 0.12 | 0.00 |
| P8 | 0.79 | 0.13 | 0.64 | 0.15 | |
| | 0.35 | | | | 0.00 |
| P9 | 0.93 | 0.43 | 0.43 | 0.50 | 0.01 |
| P10 | 1.20 | 0.55 | 0.55 | 0.64 | |
| | 0.53 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.40 | 0.88 | 0.88 | 0.01 |
| W2 | 0.54×1.67 | 0.16 | 0.16 | 0.57 | 0.00 |
| W3 | 0.54×1.67 | 0.23 | 0.68 | 0.27 | 0.00 |
| W4 | 1.40×0.89 | 0.03 | 0.39 | 0.04 | 0.00 |
| W5 | 1.40×0.89 | 0.25 | 0.51 | 0.29 | 0.00 |
| W6 | 1.40×0.89 | 0.25 | 0.25 | 0.82 | 0.00 |
| W7 | 1.80×0.89 | 0.04 | 0.51 | 0.05 | |
| W8 | 1.80×0.89 | 0.32 | 0.66 | 0.38 | |
| W9 | 1.80×0.89 | 0.32 | 0.32 | 1.05 | |
| | 0.80×0.89 | | | | 0.00 |
| | 0.80×0.89 | | | | 0.00 |
| | 0.80×0.89 | | | | 0.00 |
| W10 | 1.40×0.23 | 0.05 | 0.05 | 0.20 | 0.00 |
| W11 | 1.80×0.23 | 0.07 | 0.07 | 0.25 | |
| | 0.80×0.23 | | | | 0.00 |
| W12 | 1.40×0.16 | 0.05 | 0.16 | 0.06 | 0.00 |
| W13 | 1.80×0.16 | 0.07 | 0.20 | 0.08 | |
| | 0.80×0.16 | | | | 0.00 |
| 合　計 | | 11.62 | 15.12 | 17.06 | 0.14 |
| 検　定 | | 0.40 | 0.31 | 0.36 | 0.17 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | | G＋P＋K | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損有 | I<br>3375<br>×0.90 | Z<br>450<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>6.48 | Qa<br>19.20 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.58 | 0.06 | 0.24 | 0.34 | 0.00 |
| P2 | 1.33 | 0.15 | 0.54 | 0.79 | |
| | 0.87 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.02 | 0.22 | 0.22 | 0.00 |
| W2 | 0.54×1.67 | 0.02 | 0.21 | 0.21 | 0.00 |
| W3 | 0.30×0.62 | 0.00 | 0.04 | 0.04 | 0.00 |
| W4 | 0.65×0.62 | 0.01 | 0.09 | 0.09 | |
| | 0.30×0.62 | | | | 0.00 |
| W5 | 1.40×0.20 | 0.00 | 0.01 | 0.04 | 0.00 |
| W6 | 1.40×0.27 | 0.01 | 0.07 | 0.03 | 0.00 |
| W7 | 3.20×0.20 | 0.01 | 0.02 | 0.09 | |
| W8 | 3.20×0.27 | 0.01 | 0.16 | 0.07 | |
| | 2.10×0.20 | | | | 0.00 |
| | 2.10×0.27 | | | | 0.00 |
| 合　計 | | 0.30 | 1.60 | 1.92 | 0.00 |
| 検　定 | | 0.05 | 0.08 | 0.10 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.58 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X10
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 1.40×0.10 | 0.03 | 0.09 | 0.09 | 0.00 |
| W2 | 1.40×0.25 | 0.08 | 0.23 | 0.23 | 0.00 |
| W3 | 3.20×0.10 | 0.07 | 0.21 | 0.21 | |
| W4 | 3.20×0.25 | 0.17 | 0.53 | 0.53 | |
| | 2.10×0.10 | | | | 0.00 |
| | 2.10×0.25 | | | | 0.00 |
| 合　計 | | 0.35 | 1.06 | 1.06 | 0.01 |
| 検　定 | | 0.03 | 0.05 | 0.05 | 0.01 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>0.69 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.75 | 0.29 | 0.40 | 0.35 | 0.00 |
| P2 | 1.72 | 0.66 | 0.91 | 0.80 | |
| | 1.13 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.28 | 0.73 | 0.73 | 0.00 |
| W2 | 0.30×0.62 | 0.05 | 0.14 | 0.14 | 0.00 |
| W3 | 0.65×0.62 | 0.12 | 0.31 | 0.31 | |
| | 0.30×0.62 | | | | 0.00 |
| W4 | 1.40×0.72 | 0.16 | 0.22 | 0.61 | 0.00 |
| W5 | 1.40×0.62 | 0.12 | 0.48 | 0.15 | 0.00 |
| W6 | 3.20×0.72 | 0.37 | 0.50 | 1.39 | |
| W7 | 3.20×0.62 | 0.28 | 1.10 | 0.34 | |
| | 2.10×0.72 | | | | 0.00 |
| | 2.10×0.62 | | | | 0.00 |
| 合　計 | | 2.33 | 4.80 | 4.82 | 0.02 |
| 検　定 | | 0.09 | 0.13 | 0.13 | 0.02 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.89 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X12
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.54×1.76 | 0.47 | 0.95 | 0.95 | 0.03 |
| 合　計 | | 0.47 | 0.95 | 0.95 | 0.03 |
| 検　定 | | 0.05 | 0.04 | 0.04 | 0.04 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損有 | I<br>46656<br>×0.90 | Z<br>2592<br>×0.90 | fb<br>19.20 | fs<br>2.00 | Ma<br>44.79 | Qa<br>57.60 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X18
又
又X19
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 2.42 | 0.13 | 2.28 | 0.15 | |
| | 2.42 | | | | 0.00 |
| P2 | 5.21 | 0.29 | 4.89 | 0.31 | 0.00 |
| P3 | 3.03 | 0.69 | 0.76 | 2.27 | |
| | 3.03 | | | | 0.01 |
| P4 | 23.74 | 5.40 | 5.93 | 17.80 | 0.05 |
| P5 | 0.41 | 0.09 | 0.10 | 0.31 | 0.00 |
| P6 | 0.14 | 0.03 | 0.04 | 0.11 | 0.00 |
| P7 | 0.19 | 0.04 | 0.05 | 0.14 | |
| | 0.08 | | | | 0.00 |
| P8 | 1.41 | 0.32 | 1.05 | 0.35 | 0.00 |
| P9 | 1.73 | 0.39 | 1.30 | 0.43 | |
| | 0.77 | | | | 0.00 |
| P10 | 0.99 | 0.45 | 0.50 | 0.50 | 0.00 |
| P11 | 1.80 | 0.82 | 0.90 | 0.90 | 0.01 |
| P12 | 2.27 | 1.03 | 1.13 | 1.13 | |
| | 1.01 | | | | 0.00 |
| P13 | 7.90 | 3.59 | 3.95 | 3.95 | 0.02 |
| P14 | 1.66 | 0.75 | 0.83 | 0.83 | |
| | 1.66 | | | | 0.00 |
| P15 | 0.75 | 0.34 | 0.37 | 0.37 | |
| | 0.75 | | | | 0.00 |
| P16 | 0.58 | 0.26 | 0.29 | 0.29 | |
| | 0.58 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.00 |
| W2 | 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.00 |
| W3 | 1.40×0.93 | 0.07 | 0.52 | 0.07 | 0.00 |
| W4 | 1.40×1.23 | 0.27 | 0.49 | 0.29 | 0.00 |
| W5 | 1.40×0.22 | 0.05 | 0.05 | 0.09 | 0.00 |
| W6 | 1.80×0.93 | 0.09 | 0.67 | 0.10 | |
| W7 | 1.80×1.23 | 0.34 | 0.63 | 0.38 | |
| W8 | 1.80×0.22 | 0.06 | 0.07 | 0.11 | |
| | 0.80×0.93 | | | | 0.00 |
| | 0.80×1.23 | | | | 0.00 |
| | 0.80×0.22 | | | | 0.00 |
| W9 | 1.40×0.22 | 0.02 | 0.02 | 0.12 | 0.00 |
| W10 | 1.80×0.22 | 0.02 | 0.02 | 0.16 | |
| | 0.80×0.22 | | | | 0.00 |
| 合　計 | | 16.60 | 29.13 | 33.47 | 0.12 |
| 検　定 | | 0.37 | 0.51 | 0.58 | 0.14 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｋ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X17
又
又X18
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| W1 | 0.70×1.77 | 0.03 | 0.28 | 0.28 | 0.00 |
| W2 | 0.70×1.86 | 0.03 | 0.30 | 0.29 | 0.00 |
| W3 | 1.40×1.00 | 0.03 | 0.32 | 0.32 | 0.00 |
| W4 | 1.80×1.00 | 0.04 | 0.41 | 0.41 | |
| | 0.80×1.00 | | | | 0.00 |
| 合　計 | | 0.14 | 1.30 | 1.30 | 0.00 |
| 検　定 | | 0.00 | 0.03 | 0.03 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X15
又
又X16
又

| 荷重 | | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.09 | 0.00 | 0.01 | 0.08 | 0.00 |
| P2 | 0.72 | 0.04 | 0.09 | 0.63 | |
| | 0.72 | | | | 0.00 |
| W1 | 0.54×1.67 | 0.09 | 0.40 | 0.32 | 0.00 |
| W2 | 1.40×0.24 | 0.03 | 0.15 | 0.11 | 0.00 |
| W3 | 1.80×0.24 | 0.04 | 0.19 | 0.15 | |
| | 0.80×0.24 | | | | 0.00 |
| W4 | 1.40×0.77 | 0.11 | 0.49 | 0.49 | 0.00 |
| W5 | 1.40×0.05 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.77 | 0.14 | 0.63 | 0.63 | |
| W7 | 1.80×0.05 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.77 | | | | 0.00 |
| | 0.80×0.05 | | | | 0.00 |
| 合　計 | | 0.46 | 1.95 | 2.42 | 0.01 |
| 検　定 | | 0.04 | 0.08 | 0.10 | 0.01 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | G＋P＋S | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y6
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.97 | 0.14 | 0.61 | 0.61 | 0.00 |
| W4 1.80×0.97 | 0.18 | 0.79 | 0.79 | |
| 0.80×0.97 | | | | 0.00 |
| 合　計 | 0.58 | 2.56 | 2.56 | 0.00 |
| 検　定 | 0.01 | 0.06 | 0.06 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.82 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又Y6
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.25 | 0.15 | 0.32 | 0.32 | 0.01 |
| W2 1.40×0.21 | 0.12 | 0.26 | 0.26 | 0.01 |
| W3 3.20×0.25 | 0.33 | 0.73 | 0.73 | |
| W4 3.20×0.21 | 0.28 | 0.60 | 0.60 | |
| 2.10×0.25 | | | | 0.01 |
| 2.10×0.21 | | | | 0.01 |
| 合　計 | 0.88 | 1.91 | 1.91 | 0.04 |
| 検　定 | 0.08 | 0.08 | 0.08 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×36.0 | Ae<br>432.0<br>断面欠損無 | I<br>46656 | Z<br>2592 | fb<br>15.36 | fs<br>1.60 | Ma<br>39.81 | Qa<br>46.08 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X16
又Y6
又X16
又Y6

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.08 | 0.01 | 0.01 | 0.07 | 0.00 |
| P2 | 0.38 | 0.03 | 0.05 | 0.34 | 0.00 |
| P3 | 2.40 | 0.16 | 0.29 | 2.11 | |
| | 2.40 | | | | 0.00 |
| W1 | 0.70×1.77 | 0.12 | 0.56 | 0.56 | 0.00 |
| W2 | 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 | 1.40×0.21 | 0.03 | 0.13 | 0.10 | 0.00 |
| W4 | 1.80×0.21 | 0.04 | 0.17 | 0.13 | |
| | 0.80×0.21 | | | | 0.00 |
| W5 | 1.40×0.05 | 0.00 | 0.00 | 0.01 | 0.00 |
| W6 | 1.80×0.05 | 0.00 | 0.00 | 0.01 | |
| | 0.80×0.05 | | | | 0.00 |
| 合　計 | | 0.51 | 1.80 | 3.92 | 0.00 |
| 検　定 | | 0.01 | 0.04 | 0.09 | 0.00 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損無 | I<br>27000 | Z<br>1800 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又Y6
又X15
又

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.93 | 0.82 | 0.48 | 0.45 | 0.03 |
| P2 | 2.96 | 2.62 | 1.52 | 1.44 | |
| | 2.96 | | | | 0.10 |
| W1 | 0.54×1.67 | 0.68 | 1.18 | 0.38 | 0.03 |
| W2 | 0.54×1.67 | 0.73 | 0.42 | 1.22 | 0.03 |
| W3 | 1.40×0.10 | 0.21 | 0.24 | 0.24 | 0.01 |
| W4 | 1.80×0.10 | 0.28 | 0.31 | 0.31 | |
| | 0.80×0.10 | | | | 0.01 |
| W5 | 0.30×0.62 | 0.29 | 0.32 | 0.32 | 0.01 |
| W6 | 0.65×0.62 | 0.63 | 0.71 | 0.71 | |
| | 0.30×0.62 | | | | 0.01 |
| 合　計 | | 6.26 | 5.19 | 5.08 | 0.23 |
| 検　定 | | 0.22 | 0.14 | 0.13 | 0.15 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.90 | Z<br>1800<br>×0.90 | fb<br>16.00 | fs<br>1.60 | Ma<br>25.92 | Qa<br>38.40 | δa<br>0.16 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又Y6
又X11
又

○　モーメント図

○　たわみ図

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.92 | 0.06 | 0.70 | 0.22 | 0.00 |
| P2 | 2.10 | 0.14 | 1.59 | 0.51 | |
| | 1.38 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.01 | 0.17 | 0.17 | 0.00 |
| W2 | 0.54×1.67 | 0.01 | 0.16 | 0.16 | 0.00 |
| W3 | 1.40×0.89 | 0.01 | 0.22 | 0.22 | 0.00 |
| W4 | 1.80×0.89 | 0.02 | 0.28 | 0.28 | |
| | 0.80×0.89 | | | | 0.00 |
| W5 | 1.40×0.43 | 0.01 | 0.06 | 0.10 | 0.00 |
| W6 | 1.40×0.14 | 0.00 | 0.01 | 0.00 | 0.00 |
| W7 | 3.20×0.43 | 0.01 | 0.14 | 0.23 | |
| W8 | 3.20×0.14 | 0.00 | 0.03 | 0.00 | |
| | 2.10×0.43 | | | | 0.00 |
| | 2.10×0.14 | | | | 0.00 |
| 合　計 | | 0.27 | 3.35 | 1.88 | 0.00 |
| 検　定 | | 0.01 | 0.09 | 0.05 | 0.00 |
| 判　定 | | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0 | Ae<br>360.0<br>断面欠損有 | I<br>27000<br>×0.80 | Z<br>1800<br>×0.80 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.04 | Qa<br>38.40 | δa<br>0.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又Y7

| | 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|---|
| P1 | 0.93 | 0.34 | 0.53 | 0.40 | 0.00 |
| P2 | 1.20 | 0.44 | 0.68 | 0.51 | |
| | 0.53 | | | | 0.00 |
| P3 | 1.04 | 0.38 | 0.59 | 0.45 | 0.00 |
| P4 | 2.38 | 0.88 | 1.36 | 1.02 | |
| | 1.56 | | | | 0.00 |
| W1 | 0.54×1.76 | 0.26 | 0.71 | 0.71 | 0.00 |
| W2 | 0.54×1.67 | 0.25 | 0.68 | 0.68 | 0.00 |
| W3 | 1.40×0.88 | 0.15 | 0.62 | 0.17 | 0.00 |
| W4 | 1.40×0.88 | 0.19 | 0.30 | 0.75 | 0.00 |
| W5 | 1.80×0.88 | 0.19 | 0.80 | 0.22 | |
| W6 | 1.80×0.88 | 0.25 | 0.39 | 0.97 | |
| | 0.80×0.88 | | | | 0.00 |
| | 0.80×0.88 | | | | 0.00 |
| W7 | 1.40×0.95 | 0.16 | 0.67 | 0.18 | 0.00 |
| W8 | 1.40×0.90 | 0.20 | 0.31 | 0.77 | 0.00 |
| W9 | 3.20×0.95 | 0.36 | 1.53 | 0.42 | |
| W10 | 3.20×0.90 | 0.45 | 0.70 | 1.76 | |
| | 2.10×0.95 | | | | 0.00 |
| | 2.10×0.90 | | | | 0.00 |
| 合　計 | | 4.48 | 9.87 | 9.02 | 0.03 |
| 検　定 | | 0.19 | 0.26 | 0.23 | 0.05 |
| 判　定 | | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.08 | 0.17 | 0.19 | 0.19 | 0.04 |
| W2 1.40×0.18 | 0.38 | 0.43 | 0.43 | 0.08 |
| W3 1.80×0.08 | 0.22 | 0.25 | 0.25 | |
| W4 1.80×0.18 | 0.48 | 0.55 | 0.55 | |
| 0.80×0.08 | | | | 0.02 |
| 0.80×0.18 | | | | 0.05 |
| 合　計 | 1.25 | 1.41 | 1.41 | 0.18 |
| 検　定 | 0.12 | 0.06 | 0.06 | 0.12 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X11
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.25 | 0.24 | 0.41 | 0.41 | 0.02 |
| W2 1.40×0.21 | 0.20 | 0.34 | 0.34 | 0.02 |
| W3 3.20×0.25 | 0.55 | 0.93 | 0.93 | |
| W4 3.20×0.21 | 0.46 | 0.79 | 0.79 | |
| 2.10×0.25 | | | | 0.03 |
| 2.10×0.21 | | | | 0.03 |
| 合　計 | 1.46 | 2.47 | 2.47 | 0.11 |
| 検　定 | 0.14 | 0.11 | 0.11 | 0.10 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.81 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X14
又
又X16
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.51 | 1.13 | 1.13 | 0.01 |
| W2 0.70×1.86 | 0.54 | 1.18 | 1.18 | 0.01 |
| W3 1.40×0.21 | 0.12 | 0.26 | 0.26 | 0.00 |
| W4 1.80×0.21 | 0.15 | 0.34 | 0.34 | |
| 0.80×0.21 | | | | 0.00 |
| 合　計 | 1.33 | 2.91 | 2.91 | 0.03 |
| 検　定 | 0.07 | 0.09 | 0.09 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X12
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.15 | 0.33 | 0.37 | 0.37 | 0.07 |
| W2 1.40×0.23 | 0.49 | 0.56 | 0.56 | 0.10 |
| W3 1.80×0.15 | 0.42 | 0.48 | 0.48 | |
| W4 1.80×0.23 | 0.63 | 0.71 | 0.71 | |
| 0.80×0.15 | | | | 0.04 |
| 0.80×0.23 | | | | 0.06 |
| 合　計 | 1.88 | 2.12 | 2.12 | 0.28 |
| 検　定 | 0.18 | 0.09 | 0.09 | 0.17 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.04 | 0.32 | 0.32 | 0.00 |
| W2 0.70×1.86 | 0.04 | 0.33 | 0.33 | 0.00 |
| W3 1.40×0.34 | 0.02 | 0.12 | 0.12 | 0.00 |
| W4 1.80×0.34 | 0.02 | 0.16 | 0.16 | |
| 0.80×0.34 | | | | 0.00 |
| 合　計 | 0.12 | 0.92 | 0.92 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0 | Ae<br>288.0<br>断面欠損無 | I<br>13824 | Z<br>1152 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X13
又Y7
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.01 | 0.19 | 0.19 | 0.00 |
| W2 0.70×1.86 | 0.01 | 0.19 | 0.19 | 0.00 |
| W3 1.40×0.25 | 0.00 | 0.05 | 0.05 | 0.00 |
| W4 1.80×0.25 | 0.00 | 0.07 | 0.07 | |
| 0.80×0.25 | | | | 0.00 |
| 合　計 | 0.04 | 0.50 | 0.50 | 0.00 |
| 検　定 | 0.00 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 216.0 | 5832 | 648 | 16.00 | 1.60 | 10.37 | 23.04 | 1.28 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

1/X9
又Y7
又X11
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.25 | 0.36 | 0.49 | 0.49 | 0.05 |
| W2 1.40×0.21 | 0.31 | 0.42 | 0.42 | 0.04 |
| W3 3.20×0.25 | 0.82 | 1.13 | 1.13 | |
| W4 3.20×0.21 | 0.70 | 0.97 | 0.97 | |
| 2.10×0.25 | | | | 0.08 |
| 2.10×0.21 | | | | 0.07 |
| 合　計 | 2.18 | 3.02 | 3.02 | 0.24 |
| 検　定 | 0.21 | 0.13 | 0.13 | 0.18 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | Ae | I | Z | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×24.0 | 288.0 | 13824 | 1152 | 16.00 | 1.60 | 18.43 | 30.72 | 0.40 |
| | 係数 | 1.02 | 断面欠損無 | | | | | | | | |

1/又X12
又Y7
又X13
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.11 | 0.02 | 0.07 | 0.07 | 0.00 |
| W4 1.80×0.11 | 0.02 | 0.09 | 0.09 | |
| 0.80×0.11 | | | | 0.00 |
| 合　計 | 0.30 | 1.31 | 1.31 | 0.00 |
| 検　定 | 0.02 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X11
又
又X12
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.11 | 0.01 | 0.07 | 0.07 | 0.00 |
| W4 3.20×0.11 | 0.03 | 0.15 | 0.15 | |
| 2.10×0.11 | | | | 0.00 |
| 合　計 | 0.31 | 1.37 | 1.37 | 0.01 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.41 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.57 | 0.57 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.31 | 0.04 | 0.20 | 0.20 | 0.00 |
| W4 3.20×0.31 | 0.10 | 0.45 | 0.45 | |
| 2.10×0.31 | | | | 0.00 |
| 合　計 | 0.41 | 1.80 | 1.80 | 0.01 |
| 検　定 | 0.06 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0 | Ae<br>216.0<br>断面欠損無 | I<br>5832 | Z<br>648 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/X9
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 1.40×0.21 | 0.43 | 0.50 | 0.50 | 0.09 |
| W2 1.40×0.23 | 0.46 | 0.54 | 0.54 | 0.09 |
| W3 3.20×0.21 | 0.98 | 1.15 | 1.15 | |
| W4 3.20×0.23 | 1.05 | 1.23 | 1.23 | |
| 2.10×0.21 | | | | 0.13 |
| 2.10×0.23 | | | | 0.14 |
| 合　計 | 2.92 | 3.42 | 3.42 | 0.44 |
| 検　定 | 0.28 | 0.15 | 0.15 | 0.29 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X10
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.13 | 0.56 | 0.56 | 0.00 |
| W2 0.70×1.86 | 0.13 | 0.59 | 0.59 | 0.00 |
| W3 1.40×0.29 | 0.04 | 0.18 | 0.18 | 0.00 |
| W4 3.20×0.29 | 0.09 | 0.41 | 0.41 | |
| 2.10×0.29 | | | | 0.00 |
| 合　計 | 0.40 | 1.74 | 1.74 | 0.01 |
| 検　定 | 0.06 | 0.09 | 0.09 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0 | Ae<br>180.0<br>断面欠損無 | I<br>3375 | Z<br>450 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/又X9
Y8
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.70×1.77 | 0.06 | 0.40 | 0.40 | 0.00 |
| W2 0.70×1.86 | 0.07 | 0.42 | 0.42 | 0.00 |
| W3 1.40×0.09 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 3.20×0.09 | 0.01 | 0.08 | 0.08 | |
| 2.10×0.09 | | | | 0.00 |
| 合　計 | 0.15 | 0.94 | 0.94 | 0.00 |
| 検　定 | 0.02 | 0.05 | 0.05 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

[使用記号]

Z：断面係数　<cm^3>
I：断面二次モーメント　<cm^4>
ML：長期最大曲げモーメント　<kN・m>
MS：短期最大曲げモーメント　<kN・m>
MaL：長期許容曲げモーメント　<kN・m>
MaS：短期許容曲げモーメント　<kN・m>
QL：長期最大せん断力　<kN>
QS：短期最大せん断力　<kN>
QaL：長期許容せん断力　<kN>
QaS：短期許容せん断力　<kN>
δL：長期最大たわみ量　<cm>
δS：短期最大たわみ量　<cm>
δaL：長期許容たわみ量　<cm>
δaS：短期許容たわみ量　<cm>

※1　木材の基準強度および許容応力度は計算書「使用材料及び許容応力度の木材」を参照
※2　荷重状況については本章(2)以降を参照

(1) 検定一覧表

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.50 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.54<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.50 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.54<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.08 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.41 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.51 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.54<br>1.04 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.51<br>0.97 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.51<br>0.97 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.51<br>0.97 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.51 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.54<br>1.04 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.51<br>0.97 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.51<br>0.97 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.51<br>0.97 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.08 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.22<br>0.41 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X13又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.26 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.28<br>0.54 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.02<br>0.03 | 0.49<br>1.30 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.49 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.52<br>1.00 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.05 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又Y2<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.49<br>0.93 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.49<br>0.93 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.49<br>0.93 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.49 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.52<br>1.00 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.05 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.49<br>0.93 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.49<br>0.93 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.49<br>0.93 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y2<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.08 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.21<br>0.39 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X9又Y2<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X9又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.10 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.24<br>0.46 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.22<br>0.60 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X14又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.19 | 4.95<br>7.20 | 0.02<br>0.03 | OK<br>OK | 0.20<br>0.38 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.01<br>0.02 | 0.49<br>1.30 | 0.02<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X14又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.08<br>0.16 | 4.95<br>7.20 | 0.02<br>0.02 | OK<br>OK | 0.16<br>0.34 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.01<br>0.02 | 0.49<br>1.30 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.19<br>0.35 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.38<br>0.72 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.49<br>1.30 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.31 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.35<br>0.67 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.31 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.35<br>0.67 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.31 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.35<br>0.67 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.19<br>0.35 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.38<br>0.72 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.49<br>1.30 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.31 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.35<br>0.67 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.31 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.35<br>0.67 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.31 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.35<br>0.67 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.15<br>0.29 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.39 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.45<br>0.86 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.11<br>0.22 | 4.95<br>7.20 | 0.02<br>0.03 | OK<br>OK | 0.24<br>0.49 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.45<br>1.21 | 0.02<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.05 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.11<br>0.21 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X0又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.20<br>0.37 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.40<br>0.77 | 26.40<br>38.40 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.01 | 0.49<br>1.30 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.17<br>0.32 | 19.80<br>28.80 | 0.01<br>0.01 | OK<br>OK | 0.37<br>0.71 | 26.40<br>38.40 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.47<br>0.90 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.05 | 0.49<br>1.30 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | Y3<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.38 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.44<br>0.84 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y3<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.38 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.44<br>0.84 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又Y3<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.27 | 4.95<br>7.20 | 0.03<br>0.04 | OK<br>OK | 0.26<br>0.55 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.03 | 0.49<br>1.30 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又Y3<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.14 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.14<br>0.31 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y3<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.45<br>0.85 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.05 | 0.49<br>1.30 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y3<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.25 | 4.95<br>7.20 | 0.02<br>0.04 | OK<br>OK | 0.26<br>0.56 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.45<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X13又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.38 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.38<br>0.83 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X9又<br>又X11又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.14 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.14<br>0.31 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X17又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.11 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.23<br>0.49 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>又X9又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.01 | 4.95<br>7.20 | 0.00<br>0.00 | OK<br>OK | 0.04<br>0.09 | 13.20<br>19.20 | 0.00<br>0.00 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X16又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.22 | 4.95<br>7.20 | 0.02<br>0.03 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.01<br>0.02 | 0.49<br>1.30 | 0.02<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.09 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.18<br>0.39 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | X0 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.49<br>2.65 | 12.67<br>18.43 | 0.12<br>0.14 | OK<br>OK | 1.12<br>2.00 | 21.12<br>30.72 | 0.05<br>0.07 | OK<br>OK | 0.30<br>0.54 | 1.33<br>3.00 | 0.23<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.41 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.44<br>0.79 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.03<br>0.05 | 0.53<br>1.40 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.38 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.38<br>0.83 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.22 | 4.95<br>7.20 | 0.02<br>0.03 | OK<br>OK | 0.22<br>0.47 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.01<br>0.02 | 0.45<br>1.21 | 0.02<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X0又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.17<br>0.33 | 16.04<br>23.33 | 0.01<br>0.01 | OK<br>OK | 0.35<br>0.68 | 23.76<br>34.56 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.01 | 0.49<br>1.30 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.48 | 16.04<br>23.33 | 0.02<br>0.02 | OK<br>OK | 0.47<br>0.85 | 23.76<br>34.56 | 0.02<br>0.02 | OK<br>OK | 0.01<br>0.01 | 0.56<br>1.50 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.05<br>0.11 | 16.04<br>23.33 | 0.00<br>0.00 | OK<br>OK | 0.20<br>0.38 | 23.76<br>34.56 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.28<br>0.74 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X5 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.23<br>0.41 | 16.04<br>23.33 | 0.01<br>0.02 | OK<br>OK | 0.44<br>0.79 | 23.76<br>34.56 | 0.02<br>0.02 | OK<br>OK | 0.01<br>0.01 | 0.53<br>1.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>X5又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.49 | 16.04<br>23.33 | 0.02<br>0.02 | OK<br>OK | 0.52<br>1.00 | 23.76<br>34.56 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.01 | 0.49<br>1.30 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.50 | 16.04<br>23.33 | 0.02<br>0.02 | OK<br>OK | 0.53<br>1.02 | 23.76<br>34.56 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.50<br>1.32 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又又X7 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.50 | 16.04<br>23.33 | 0.02<br>0.02 | OK<br>OK | 0.53<br>1.02 | 23.76<br>34.56 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.50<br>1.32 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y4<br>又X7X9 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.40<br>0.72 | 16.04<br>23.33 | 0.03<br>0.03 | OK<br>OK | 0.71<br>1.27 | 23.76<br>34.56 | 0.03<br>0.04 | OK<br>OK | 0.01<br>0.02 | 0.57<br>1.52 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又Y4<br>又X14又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.34 | 4.95<br>7.20 | 0.03<br>0.05 | OK<br>OK | 0.34<br>0.74 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y4<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.13 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.22<br>0.47 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.73 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又X14又Y4<br>又X14又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.16<br>0.34 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又Y4<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.24<br>0.52 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又Y4<br>又X14又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又Y4<br>又X17又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.24<br>0.52 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.34 | 4.95<br>7.20 | 0.03<br>0.05 | OK<br>OK | 0.34<br>0.74 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | 0.03<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X５又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.45<br>0.87 | 13.20<br>19.20 | 0.03<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.49<br>1.30 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.45<br>0.88 | 13.20<br>19.20 | 0.03<br>0.05 | OK<br>OK | 0.03<br>0.05 | 0.50<br>1.32 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X７ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.44 | 4.95<br>7.20 | 0.05<br>0.06 | OK<br>OK | 0.45<br>0.88 | 13.20<br>19.20 | 0.03<br>0.05 | OK<br>OK | 0.03<br>0.05 | 0.50<br>1.32 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X７X９ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.34<br>0.62 | 4.95<br>7.20 | 0.07<br>0.09 | OK<br>OK | 0.60<br>1.10 | 13.20<br>19.20 | 0.05<br>0.06 | OK<br>OK | 0.05<br>0.09 | 0.57<br>1.52 | 0.09<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X13又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.16<br>0.34 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X19又<br>又X21又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.25 | 4.95<br>7.20 | 0.02<br>0.04 | OK<br>OK | 0.26<br>0.56 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.45<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.45<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X０X２ | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.90<br>1.64 | 23.00<br>33.45 | 0.04<br>0.05 | OK<br>OK | 1.09<br>1.98 | 29.04<br>42.24 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.05 | 0.83<br>2.20 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X２ | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.34<br>0.61 | 23.00<br>33.45 | 0.01<br>0.02 | OK<br>OK | 0.67<br>1.21 | 29.04<br>42.24 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.01 | 0.50<br>1.34 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X５ | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.36<br>0.66 | 23.00<br>33.45 | 0.02<br>0.02 | OK<br>OK | 0.70<br>1.26 | 29.04<br>42.24 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.01 | 0.53<br>1.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.43 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.42<br>0.83 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.03<br>0.05 | 0.52<br>1.37 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.06 | 4.95<br>7.20 | 0.01<br>0.01 | OK<br>OK | 0.16<br>0.34 | 13.20<br>19.20 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | 又X17又<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X９又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | 0.02<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X20又<br>又X22又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.10<br>0.22 | 7.13<br>10.37 | 0.01<br>0.02 | OK<br>OK | 0.22<br>0.48 | 15.84<br>23.04 | 0.01<br>0.02 | OK<br>OK | 0.01<br>0.01 | 0.45<br>1.21 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X５又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.25<br>0.49 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.52<br>1.01 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.51 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.53<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又又X７ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.51 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.53<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>又X７X９ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.40<br>0.73 | 4.95<br>7.20 | 0.08<br>0.10 | OK<br>OK | 0.70<br>1.28 | 13.20<br>19.20 | 0.05<br>0.07 | OK<br>OK | 0.06<br>0.11 | 0.57<br>1.52 | 0.11<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | X９又<br>又X９又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.05 | 4.95<br>7.20 | 0.00<br>0.01 | OK<br>OK | 0.13<br>0.28 | 13.20<br>19.20 | 0.01<br>0.01 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | 又X15又<br>又X17又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.45<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X13又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X0又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.24<br>0.46 | 16.04<br>23.33 | 0.01<br>0.02 | OK<br>OK | 0.49<br>0.95 | 23.76<br>34.56 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.01 | 0.49<br>1.30 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>又X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.37<br>0.67 | 16.04<br>23.33 | 0.02<br>0.03 | OK<br>OK | 0.65<br>1.19 | 23.76<br>34.56 | 0.03<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.56<br>1.50 | 0.02<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.08<br>0.15 | 16.04<br>23.33 | 0.00<br>0.01 | OK<br>OK | 0.28<br>0.54 | 23.76<br>34.56 | 0.01<br>0.02 | OK<br>OK | 0.00<br>0.00 | 0.28<br>0.74 | 0.00<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y5<br>X5 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.32<br>0.58 | 16.04<br>23.33 | 0.02<br>0.02 | OK<br>OK | 0.61<br>1.10 | 23.76<br>34.56 | 0.03<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.53<br>1.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X18又Y5<br>又X20又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | 0.03<br>0.05 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | 0.03<br>0.05 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X14又Y5<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | X10又Y5<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.19<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.45<br>0.98 | 13.20<br>19.20 | 0.03<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.43<br>1.15 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.50 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.53<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.52 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.54<br>1.04 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | 0.06<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.52 | 4.95<br>7.20 | 0.05<br>0.07 | OK<br>OK | 0.54<br>1.04 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | 0.06<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又Y5<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.74 | 4.95<br>7.20 | 0.08<br>0.10 | OK<br>OK | 0.72<br>1.30 | 13.20<br>19.20 | 0.05<br>0.07 | OK<br>OK | 0.06<br>0.11 | 0.57<br>1.52 | 0.11<br>0.07 | OK<br>OK | ○ | ○ | ○ |
| | 又X16又<br>又X18又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | 0.03<br>0.05 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | 0.03<br>0.05 | OK<br>OK | 0.01<br>0.03 | 0.45<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X12又<br>又X14又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | 0.04<br>0.07 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.02<br>0.05 | 0.46<br>1.21 | 0.05<br>0.04 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X0 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 1.75<br>3.18 | 16.04<br>23.33 | 0.11<br>0.14 | OK<br>OK | 1.32<br>2.40 | 23.76<br>34.56 | 0.06<br>0.07 | OK<br>OK | 0.25<br>0.45 | 1.33<br>3.00 | 0.19<br>0.15 | OK<br>OK | ○ | ○ | ○ |
| | 又<br>X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.50 | 4.95<br>7.20 | 0.06<br>0.07 | OK<br>OK | 0.52<br>0.95 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.04<br>0.06 | 0.53<br>1.40 | 0.07<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | X9又<br>X10又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.14 | 4.95<br>7.20 | 0.01<br>0.02 | OK<br>OK | 0.24<br>0.52 | 13.20<br>19.20 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | 0.03<br>0.05 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | 0.03<br>0.05 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.19<br>0.42 | 4.95<br>7.20 | 0.04<br>0.06 | OK<br>OK | 0.45<br>0.98 | 13.20<br>19.20 | 0.03<br>0.05 | OK<br>OK | 0.02<br>0.04 | 0.43<br>1.15 | 0.04<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X0 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 2.05<br>3.71 | 16.04<br>23.33 | 0.13<br>0.16 | OK<br>OK | 1.54<br>2.79 | 23.76<br>34.56 | 0.06<br>0.08 | OK<br>OK | 0.29<br>0.53 | 1.33<br>3.00 | 0.22<br>0.18 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X5 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.32<br>0.58 | 16.04<br>23.33 | 0.02<br>0.02 | OK<br>OK | 0.61<br>1.10 | 23.76<br>34.56 | 0.03<br>0.03 | OK<br>OK | 0.01<br>0.01 | 0.53<br>1.40 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.54 | 4.95<br>7.20 | 0.06<br>0.07 | OK<br>OK | 0.57<br>1.10 | 13.20<br>19.20 | 0.04<br>0.06 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | 0.06<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.55 | 4.95<br>7.20 | 0.06<br>0.08 | OK<br>OK | 0.57<br>1.12 | 13.20<br>19.20 | 0.04<br>0.06 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | 0.07<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.55 | 4.95<br>7.20 | 0.06<br>0.08 | OK<br>OK | 0.57<br>1.12 | 13.20<br>19.20 | 0.04<br>0.06 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | 0.07<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y6<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.43<br>0.79 | 4.95<br>7.20 | 0.09<br>0.11 | OK<br>OK | 0.77<br>1.39 | 13.20<br>19.20 | 0.06<br>0.07 | OK<br>OK | 0.07<br>0.12 | 0.57<br>1.52 | 0.12<br>0.08 | OK<br>OK | ○ | ○ | ○ |
| | 又X13又Y6<br>又X15又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | 0.03<br>0.05 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | 0.03<br>0.05 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | | せん断(※2) | | | | たわみ(※2) | | | | 危険順/出力 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 検定値 | 判定 | QL<br>QS | QaL<br>QaS | 検定値 | 判定 | δL<br>δS | δaL<br>δaS | 検定値 | 判定 | 曲げ | せん断 | たわみ |
| 2 | X9又Y6<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | -0.94<br>-2.03 | 4.95<br>7.20 | 0.19<br>0.28 | OK<br>OK | 0.97<br>2.09 | 13.20<br>19.20 | 0.07<br>0.11 | OK<br>OK | 0.25<br>0.54 | 0.49<br>1.30 | 0.52<br>0.42 | OK<br>OK | ○ | ○ | ○ |
| | 又X11又<br>又X13又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.20<br>0.42 | 7.13<br>10.37 | 0.03<br>0.04 | OK<br>OK | 0.46<br>0.98 | 15.84<br>23.04 | 0.03<br>0.04 | OK<br>OK | 0.01<br>0.02 | 0.43<br>1.15 | 0.02<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.37 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.41<br>0.77 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.49<br>1.30 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.54 | 4.95<br>7.20 | 0.06<br>0.07 | OK<br>OK | 0.55<br>0.95 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.05<br>0.08 | 0.56<br>1.50 | 0.08<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X3又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.25 | 4.95<br>7.20 | 0.03<br>0.03 | OK<br>OK | 0.34<br>0.63 | 13.20<br>19.20 | 0.03<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.40<br>1.07 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.25 | 4.95<br>7.20 | 0.03<br>0.03 | OK<br>OK | 0.34<br>0.63 | 13.20<br>19.20 | 0.03<br>0.03 | OK<br>OK | 0.01<br>0.02 | 0.40<br>1.07 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.37 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.41<br>0.77 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.49<br>1.30 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.38 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.42<br>0.77 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.50<br>1.32 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.38 | 4.95<br>7.20 | 0.04<br>0.05 | OK<br>OK | 0.42<br>0.77 | 13.20<br>19.20 | 0.03<br>0.04 | OK<br>OK | 0.02<br>0.04 | 0.50<br>1.32 | 0.05<br>0.03 | OK<br>OK | ○ | ○ | ○ |
| | Y7<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.55 | 4.95<br>7.20 | 0.06<br>0.08 | OK<br>OK | 0.55<br>0.96 | 13.20<br>19.20 | 0.04<br>0.05 | OK<br>OK | 0.05<br>0.08 | 0.57<br>1.52 | 0.08<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | 又X10又Y7<br>又X11又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | 0.03<br>0.05 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | 0.03<br>0.05 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | 0.03<br>0.02 | OK<br>OK | ○ | ○ | ○ |
| | X9又Y7<br>又X10又Y7 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.08<br>0.17 | 7.13<br>10.37 | 0.01<br>0.02 | OK<br>OK | 0.27<br>0.59 | 15.84<br>23.04 | 0.02<br>0.03 | OK<br>OK | 0.00<br>0.00 | 0.29<br>0.78 | 0.01<br>0.01 | OK<br>OK | ○ | ○ | ○ |
| 1 | Y9<br>X0又X0 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.01<br>0.02 | 1.25<br>1.82 | 0.01<br>0.01 | OK<br>OK | 0.11<br>0.21 | 3.70<br>5.38 | 0.03<br>0.04 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.25 | 0.01<br>0.00 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X0又X1 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.09<br>0.18 | 1.25<br>1.82 | 0.07<br>0.10 | OK<br>OK | 0.32<br>0.62 | 3.70<br>5.38 | 0.09<br>0.12 | OK<br>OK | 0.04<br>0.08 | 0.28<br>0.75 | 0.14<br>0.10 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X1又X2 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.23<br>0.46 | 1.25<br>1.82 | 0.19<br>0.25 | OK<br>OK | 0.51<br>1.01 | 3.70<br>5.38 | 0.14<br>0.19 | OK<br>OK | 0.27<br>0.52 | 0.46<br>1.21 | 0.59<br>0.43 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X2X3 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.06<br>0.11 | 1.25<br>1.82 | 0.04<br>0.06 | OK<br>OK | 0.25<br>0.49 | 3.70<br>5.38 | 0.07<br>0.09 | OK<br>OK | 0.02<br>0.03 | 0.22<br>0.59 | 0.07<br>0.05 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>X3又X3 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.06<br>0.12 | 1.25<br>1.82 | 0.05<br>0.06 | OK<br>OK | 0.26<br>0.51 | 3.70<br>5.38 | 0.07<br>0.10 | OK<br>OK | 0.02<br>0.03 | 0.23<br>0.61 | 0.08<br>0.06 | OK<br>OK | ○ | ○ | ○ |
| | Y9<br>又X3又X4 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.06<br>0.12 | 1.25<br>1.82 | 0.05<br>0.06 | OK<br>OK | 0.26<br>0.51 | 3.70<br>5.38 | 0.07<br>0.10 | OK<br>OK | 0.02<br>0.03 | 0.23<br>0.61 | 0.08<br>0.06 | OK<br>OK | ○ | ○ | ○ |

［使用記号］

| | | |
|---|---|---|
| Mm | ：最大曲げモーメント | 〈kN・m〉 |
| Ma | ：許容曲げモーメント | 〈kN・m〉 |
| Qn | ：設計せん断力 | 〈kN〉 |
| Qa | ：許容せん断力 | 〈kN〉 |
| δm | ：最大たわみ | 〈cm〉 |
| δa | ：許容たわみ | 〈cm〉 |
| w | ：母屋にかかる等分布荷重 | 〈kN/m〉 |
| P | ：母屋にかかる集中荷重 | 〈kN〉 |

(2) 長期時の検討

長期時　母屋

検定値　Mm／Ma　Qn／Qa　δm／δa

| 階／通 支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 3375 | 450 | 180.0 | 11.00 | 1.10 | 4.95 | 13.20 | 0.49 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/又
XO
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.26 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.26 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X２

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X２
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.26 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.26 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.04 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.04 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
XO
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.27 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.27 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.27 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.27 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.04 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.04 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.26 | 0.52 | 0.52 | 0.03 |
| 合　計 | 0.26 | 0.52 | 0.52 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.26 | 0.52 | 0.52 | 0.03 |
| 合　計 | 0.26 | 0.52 | 0.52 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y２
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y２
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.04 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.04 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
XO
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.19 | 0.38 | 0.38 | 0.02 |
| 合　計 | 0.19 | 0.38 | 0.38 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.16 | 0.35 | 0.35 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.16 | 0.35 | 0.35 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.16 | 0.35 | 0.35 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.19 | 0.38 | 0.38 | 0.02 |
| 合　計 | 0.19 | 0.38 | 0.38 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.16 | 0.35 | 0.35 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.16 | 0.35 | 0.35 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.16 | 0.35 | 0.35 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.03 | 0.15 | 0.15 | 0.00 |
| 合　計 | 0.03 | 0.15 | 0.15 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0<br>断面欠損無 | I<br>27000 | z<br>1800 | Ae<br>360.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.29 | 0.20 | 0.40 | 0.40 | 0.00 |
| 合　計 | 0.20 | 0.40 | 0.40 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0<br>断面欠損無 | I<br>27000 | z<br>1800 | Ae<br>360.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>19.80 | Qa<br>26.40 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.29 | 0.17 | 0.37 | 0.37 | 0.00 |
| 合　計 | 0.17 | 0.37 | 0.37 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.52 | 0.23 | 0.47 | 0.47 | 0.03 |
| 合　計 | 0.23 | 0.47 | 0.47 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.52 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.20 | 0.44 | 0.44 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.52 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.20 | 0.44 | 0.44 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0<br>断面欠損無 | I<br>13824 | z<br>1152 | Ae<br>288.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>12.67 | Qa<br>21.12 | δa<br>1.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×1.14 | 1.49 | 1.12 | 1.12 | 0.30 |
| 合　計 | 1.49 | 1.12 | 1.12 | 0.30 |
| 検　定 | 0.12 | 0.05 | 0.05 | 0.23 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×1.14 | 0.23 | 0.44 | 0.44 | 0.03 |
| 合　計 | 0.23 | 0.44 | 0.44 | 0.03 |
| 検　定 | 0.05 | 0.03 | 0.03 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.23 | 0.03 | 0.07 | 0.07 | 0.00 |
| W2 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.17 | 0.35 | 0.35 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×0.23 | 0.05 | 0.10 | 0.10 | 0.00 |
| W2 0.36×0.91 | 0.21 | 0.37 | 0.37 | 0.01 |
| 合　計 | 0.26 | 0.47 | 0.47 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.23 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.31×0.91 | 0.04 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.05 | 0.20 | 0.20 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×0.23 | 0.05 | 0.09 | 0.09 | 0.00 |
| W2 0.36×0.91 | 0.18 | 0.35 | 0.35 | 0.00 |
| 合　計 | 0.23 | 0.44 | 0.44 | 0.01 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.14 | 0.17 | 0.36 | 0.36 | 0.00 |
| W2 0.31×0.55 | 0.08 | 0.17 | 0.17 | 0.00 |
| 合　計 | 0.26 | 0.52 | 0.52 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.14 | 0.18 | 0.36 | 0.36 | 0.00 |
| W2 0.31×0.55 | 0.08 | 0.17 | 0.17 | 0.00 |
| 合　計 | 0.26 | 0.53 | 0.53 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.14 | 0.18 | 0.36 | 0.36 | 0.00 |
| W2 0.31×0.55 | 0.08 | 0.17 | 0.17 | 0.00 |
| 合　計 | 0.26 | 0.53 | 0.53 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×1.14 | 0.27 | 0.48 | 0.48 | 0.01 |
| W2 0.36×0.55 | 0.13 | 0.23 | 0.23 | 0.00 |
| 合　計 | 0.40 | 0.71 | 0.71 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.22 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.22 | 0.45 | 0.45 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.22 | 0.45 | 0.45 | 0.03 |
| 合　計 | 0.22 | 0.45 | 0.45 | 0.03 |
| 検　定 | 0.05 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.22 | 0.45 | 0.45 | 0.03 |
| 合　計 | 0.22 | 0.45 | 0.45 | 0.03 |
| 検　定 | 0.05 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.46 | 0.34 | 0.60 | 0.60 | 0.05 |
| 合　計 | 0.34 | 0.60 | 0.60 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.09 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0<br>断面欠損無 | I<br>35937 | z<br>2178 | Ae<br>396.0 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.83 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.82 | 0.90 | 1.09 | 1.09 | 0.03 |
| 合　計 | 0.90 | 1.09 | 1.09 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0<br>断面欠損無 | I<br>35937 | z<br>2178 | Ae<br>396.0 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.82 | 0.34 | 0.67 | 0.67 | 0.00 |
| 合　計 | 0.34 | 0.67 | 0.67 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0<br>断面欠損無 | I<br>35937 | z<br>2178 | Ae<br>396.0 | fb<br>10.56 | fs<br>1.10 | Ma<br>23.00 | Qa<br>29.04 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.82 | 0.36 | 0.70 | 0.70 | 0.00 |
| 合　計 | 0.36 | 0.70 | 0.70 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.25 | 0.52 | 0.52 | 0.03 |
| 合　計 | 0.25 | 0.52 | 0.52 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.26 | 0.53 | 0.53 | 0.03 |
| 合　計 | 0.26 | 0.53 | 0.53 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.26 | 0.53 | 0.53 | 0.03 |
| 合　計 | 0.26 | 0.53 | 0.53 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.70 | 0.40 | 0.70 | 0.70 | 0.06 |
| 合　計 | 0.40 | 0.70 | 0.70 | 0.06 |
| 検　定 | 0.08 | 0.05 | 0.05 | 0.11 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | 0.24 | 0.49 | 0.49 | 0.00 |
| 合　計 | 0.24 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 0.37 | 0.65 | 0.65 | 0.01 |
| 合　計 | 0.37 | 0.65 | 0.65 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.28 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | 0.08 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.08 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 0.32 | 0.61 | 0.61 | 0.01 |
| 合　計 | 0.32 | 0.61 | 0.61 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5

X5

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.73 | 0.26 | 0.53 | 0.53 | 0.03 |
| 合　計 | 0.26 | 0.53 | 0.53 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y５
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.73 | 0.27 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.27 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y５
又
又X７

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.73 | 0.27 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.27 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.73 | 0.41 | 0.72 | 0.72 | 0.06 |
| 合　計 | 0.41 | 0.72 | 0.72 | 0.06 |
| 検　定 | 0.08 | 0.05 | 0.05 | 0.11 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>1.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.37 | 1.75 | 1.32 | 1.32 | 0.25 |
| 合　計 | 1.75 | 1.32 | 1.32 | 0.25 |
| 検　定 | 0.11 | 0.06 | 0.06 | 0.19 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.37 | 0.27 | 0.52 | 0.52 | 0.04 |
| 合　計 | 0.27 | 0.52 | 0.52 | 0.04 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>1.33 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X0

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 2.05 | 1.54 | 1.54 | 0.29 |
| 合　計 | 2.05 | 1.54 | 1.54 | 0.29 |
| 検　定 | 0.13 | 0.06 | 0.06 | 0.22 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>16.04 | Qa<br>23.76 | δa<br>0.53 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 0.32 | 0.61 | 0.61 | 0.01 |
| 合　計 | 0.32 | 0.61 | 0.61 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.85 | 0.28 | 0.57 | 0.57 | 0.03 |
| 合　計 | 0.28 | 0.57 | 0.57 | 0.03 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.85 | 0.28 | 0.57 | 0.57 | 0.03 |
| 合　計 | 0.28 | 0.57 | 0.57 | 0.03 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.85 | 0.28 | 0.57 | 0.57 | 0.03 |
| 合　計 | 0.28 | 0.57 | 0.57 | 0.03 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.85 | 0.43 | 0.77 | 0.77 | 0.07 |
| 合　計 | 0.43 | 0.77 | 0.77 | 0.07 |
| 検　定 | 0.09 | 0.06 | 0.06 | 0.12 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| 合　計 | 0.20 | 0.41 | 0.41 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.56 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.51×0.30 | 0.10 | 0.17 | 0.17 | 0.01 |
| W2 0.36×0.91 | 0.21 | 0.37 | 0.37 | 0.03 |
| 合　計 | 0.31 | 0.55 | 0.55 | 0.05 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X3
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 0.31×0.91 | 0.09 | 0.23 | 0.23 | 0.01 |
| 合　計 | 0.14 | 0.34 | 0.34 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 0.31×0.91 | 0.09 | 0.23 | 0.23 | 0.01 |
| 合　計 | 0.14 | 0.34 | 0.34 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| 合　計 | 0.20 | 0.41 | 0.41 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| 合　計 | 0.21 | 0.42 | 0.42 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| 合　計 | 0.21 | 0.42 | 0.42 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.57 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.51×0.30 | 0.10 | 0.18 | 0.18 | 0.02 |
| W2 0.36×0.91 | 0.21 | 0.38 | 0.38 | 0.03 |
| 合　計 | 0.31 | 0.55 | 0.55 | 0.05 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| 合　計 | 0.14 | 0.28 | 0.28 | 0.02 |
| 検　定 | 0.03 | 0.02 | 0.02 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又Y2
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| 合　計 | 0.23 | 0.50 | 0.50 | 0.02 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.22 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X9
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.70 | 0.05 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.05 | 0.24 | 0.24 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.65 | 0.10 | 0.20 | 0.20 | 0.01 |
| 合　計 | 0.10 | 0.20 | 0.20 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.08 | 0.16 | 0.16 | 0.01 |
| 合　計 | 0.08 | 0.16 | 0.16 | 0.01 |
| 検　定 | 0.02 | 0.01 | 0.01 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.56 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.21 | 0.45 | 0.45 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.31×0.69 | 0.09 | 0.19 | 0.19 | 0.01 |
| 合　計 | 0.11 | 0.24 | 0.24 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.32 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 0.31×0.31 | 0.01 | 0.04 | 0.04 | 0.00 |
| 合　計 | 0.02 | 0.11 | 0.11 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又Y３
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.84 | 0.12 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.12 | 0.26 | 0.26 | 0.01 |
| 検　定 | 0.03 | 0.02 | 0.02 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y3
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.07 | 0.14 | 0.14 | 0.01 |
| 合　計 | 0.07 | 0.14 | 0.14 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y3
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.44 | 0.22 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.22 | 0.45 | 0.45 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y３
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.91 | 0.12 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.12 | 0.26 | 0.26 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.35 | 0.17 | 0.38 | 0.38 | 0.02 |
| 合　計 | 0.17 | 0.38 | 0.38 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又
又X11
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.07 | 0.14 | 0.14 | 0.01 |
| 合　計 | 0.07 | 0.14 | 0.14 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | 0.05 | 0.23 | 0.23 | 0.00 |
| 合　計 | 0.05 | 0.23 | 0.23 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.13 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X9
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.00 | 0.04 | 0.04 | 0.00 |
| 合　計 | 0.00 | 0.04 | 0.04 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X16
又Y3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.69 | 0.10 | 0.21 | 0.21 | 0.01 |
| 合　計 | 0.10 | 0.21 | 0.21 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.04 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.04 | 0.18 | 0.18 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.35 | 0.17 | 0.38 | 0.38 | 0.02 |
| 合　計 | 0.17 | 0.38 | 0.38 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.78 | 0.10 | 0.22 | 0.22 | 0.01 |
| 合　計 | 0.10 | 0.22 | 0.22 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.22 | 0.16 | 0.34 | 0.34 | 0.02 |
| 合　計 | 0.16 | 0.34 | 0.34 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.27 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y4
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.06 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.06 | 0.22 | 0.22 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y4
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.03 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.03 | 0.16 | 0.16 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y4
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.05 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.05 | 0.24 | 0.24 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又Y4
又X14
又Y4

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.23 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y4
又X17
又Y4

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.05 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.05 | 0.24 | 0.24 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.22 | 0.16 | 0.34 | 0.34 | 0.02 |
| 合　計 | 0.16 | 0.34 | 0.34 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X13
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.03 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.03 | 0.16 | 0.16 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又
又X21
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.91 | 0.12 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.12 | 0.26 | 0.26 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.12 | 0.21 | 0.42 | 0.42 | 0.03 |
| 合　計 | 0.21 | 0.42 | 0.42 | 0.03 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.19 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.03 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.03 | 0.16 | 0.16 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.79 | 0.10 | 0.22 | 0.22 | 0.01 |
| 合　計 | 0.10 | 0.22 | 0.22 | 0.01 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.17 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X9
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.23 | 0.02 | 0.13 | 0.13 | 0.00 |
| 合　計 | 0.02 | 0.13 | 0.13 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又Y5
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y5
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X10
又Y5
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.19 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.19 | 0.45 | 0.45 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X18
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.26 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
X10
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.06 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.06 | 0.24 | 0.24 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.19 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.19 | 0.45 | 0.45 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又Y6
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>4.95 | Qa<br>13.20 | δa<br>0.49 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y6
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | -0.94 | 0.00 | 0.97 | 0.25 |
| 合　計 | -0.94 | 0.00 | 0.97 | 0.25 |
| 検　定 | 0.19 | 0.00 | 0.07 | 0.52 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.43 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.20 | 0.46 | 0.46 | 0.01 |
| 合　計 | 0.20 | 0.46 | 0.46 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.46 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又Y7
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.01 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>11.00 | fs<br>1.10 | Ma<br>7.13 | Qa<br>15.84 | δa<br>0.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y7
又X10
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.50 | 0.08 | 0.27 | 0.27 | 0.00 |
| 合　計 | 0.08 | 0.27 | 0.27 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種<br>杉 | E<br>8820 | B×D<br>12.0×7.0<br>断面欠損無 | I<br>343 | z<br>98 | Ae<br>84.0 | fb<br>12.76 | fs<br>0.66 | Ma<br>1.25 | Qa<br>3.70 | δa<br>0.09 |
|---|---|---|---|---|---|---|---|---|---|---|---|

1/Y9
X0
又X0

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.01 | 0.11 | 0.11 | 0.00 |
| 合　計 | 0.01 | 0.11 | 0.11 | 0.00 |
| 検　定 | 0.01 | 0.03 | 0.03 | 0.01 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 12.76 | 0.66 | 1.25 | 3.70 | 0.28 |

1/Y9
又X0
又X1

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.09 | 0.32 | 0.32 | 0.04 |
| 合　計 | 0.09 | 0.32 | 0.32 | 0.04 |
| 検　定 | 0.07 | 0.09 | 0.09 | 0.14 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 12.76 | 0.66 | 1.25 | 3.70 | 0.46 |

1/Y9
又X1
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.23 | 0.51 | 0.51 | 0.27 |
| 合　計 | 0.23 | 0.51 | 0.51 | 0.27 |
| 検　定 | 0.19 | 0.14 | 0.14 | 0.59 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 12.76 | 0.66 | 1.25 | 3.70 | 0.22 |

1/Y9
又X2
X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.06 | 0.25 | 0.25 | 0.02 |
| 合　計 | 0.06 | 0.25 | 0.25 | 0.02 |
| 検　定 | 0.04 | 0.07 | 0.07 | 0.07 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 12.76 | 0.66 | 1.25 | 3.70 | 0.23 |

1/Y9
X3
又X3

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.06 | 0.26 | 0.26 | 0.02 |
| 合　計 | 0.06 | 0.26 | 0.26 | 0.02 |
| 検　定 | 0.05 | 0.07 | 0.07 | 0.08 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | | G＋P | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 12.76 | 0.66 | 1.25 | 3.70 | 0.23 |

1/Y９
又X３
又X４

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.06 | 0.26 | 0.26 | 0.02 |
| 合　計 | 0.06 | 0.26 | 0.26 | 0.02 |
| 検　定 | 0.05 | 0.07 | 0.07 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ | | |

(3) 短期時の検討



短期時　母屋

検定値　Mm／Ma　Qn／Qa　δm／δa

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
XO
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.26 | 0.54 | 0.54 | 0.03 |
| W2 0.29×1.73 | 0.24 | 0.49 | 0.49 | 0.03 |
| 合　計 | 0.50 | 1.03 | 1.03 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X２
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X５

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.26 | 0.54 | 0.54 | 0.03 |
| W2 0.29×1.73 | 0.24 | 0.49 | 0.49 | 0.03 |
| 合　計 | 0.50 | 1.03 | 1.03 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.04 | 0.21 | 0.21 | 0.00 |
| W2 0.29×1.73 | 0.04 | 0.19 | 0.19 | 0.00 |
| 合　計 | 0.08 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.27 | 0.54 | 0.54 | 0.03 |
| W2 0.29×1.75 | 0.24 | 0.49 | 0.49 | 0.03 |
| 合　計 | 0.51 | 1.04 | 1.04 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X２

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| W2 0.29×1.75 | 0.21 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X２
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| W2 0.29×1.75 | 0.21 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| W2 0.29×1.75 | 0.21 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.27 | 0.54 | 0.54 | 0.03 |
| W2 0.29×1.75 | 0.24 | 0.49 | 0.49 | 0.03 |
| 合　計 | 0.51 | 1.04 | 1.04 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| W2 0.29×1.75 | 0.21 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |


| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| W2 0.29×1.75 | 0.21 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.23 | 0.51 | 0.51 | 0.02 |
| W2 0.29×1.75 | 0.21 | 0.46 | 0.46 | 0.02 |
| 合　計 | 0.44 | 0.97 | 0.97 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.75 | 0.04 | 0.22 | 0.22 | 0.00 |
| W2 0.29×1.75 | 0.04 | 0.20 | 0.20 | 0.00 |
| 合　計 | 0.08 | 0.41 | 0.41 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.26 | 0.52 | 0.52 | 0.03 |
| W2 0.29×1.68 | 0.23 | 0.47 | 0.47 | 0.03 |
| 合　計 | 0.49 | 1.00 | 1.00 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| W2 0.29×1.68 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.42 | 0.93 | 0.93 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又X2
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| W2 0.29×1.68 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.42 | 0.93 | 0.93 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| W2 0.29×1.68 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.42 | 0.93 | 0.93 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.26 | 0.52 | 0.52 | 0.03 |
| W2 0.29×1.68 | 0.23 | 0.47 | 0.47 | 0.03 |
| 合　計 | 0.49 | 1.00 | 1.00 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| W2 0.29×1.68 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.42 | 0.93 | 0.93 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y２
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| W2 0.29×1.68 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.42 | 0.93 | 0.93 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y２
又
Ｘ８

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.22 | 0.49 | 0.49 | 0.02 |
| W2 0.29×1.68 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.42 | 0.93 | 0.93 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y2
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.68 | 0.04 | 0.21 | 0.21 | 0.00 |
| W2 0.29×1.68 | 0.04 | 0.19 | 0.19 | 0.00 |
| 合　計 | 0.08 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.19 | 0.38 | 0.38 | 0.02 |
| W2 0.29×1.22 | 0.17 | 0.34 | 0.34 | 0.02 |
| 合　計 | 0.35 | 0.72 | 0.72 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X２

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| W2 0.29×1.22 | 0.15 | 0.32 | 0.32 | 0.01 |
| 合　計 | 0.31 | 0.67 | 0.67 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X２
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| W2 0.29×1.22 | 0.15 | 0.32 | 0.32 | 0.01 |
| 合　計 | 0.31 | 0.67 | 0.67 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| W2 0.29×1.22 | 0.15 | 0.32 | 0.32 | 0.01 |
| 合　計 | 0.31 | 0.67 | 0.67 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.19 | 0.38 | 0.38 | 0.02 |
| W2 0.29×1.22 | 0.17 | 0.34 | 0.34 | 0.02 |
| 合　計 | 0.35 | 0.72 | 0.72 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| W2 0.29×1.22 | 0.15 | 0.32 | 0.32 | 0.01 |
| 合　計 | 0.31 | 0.67 | 0.67 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| W2 0.29×1.22 | 0.15 | 0.32 | 0.32 | 0.01 |
| 合　計 | 0.31 | 0.67 | 0.67 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
X8

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.16 | 0.35 | 0.35 | 0.02 |
| W2 0.29×1.22 | 0.15 | 0.32 | 0.32 | 0.01 |
| 合　計 | 0.31 | 0.67 | 0.67 | 0.03 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X8
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.22 | 0.03 | 0.15 | 0.15 | 0.00 |
| W2 0.29×1.22 | 0.03 | 0.14 | 0.14 | 0.00 |
| 合　計 | 0.06 | 0.29 | 0.29 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0<br>断面欠損無 | I<br>27000 | z<br>1800 | Ae<br>360.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.29 | 0.20 | 0.40 | 0.40 | 0.00 |
| W2 0.29×1.29 | 0.18 | 0.36 | 0.36 | 0.00 |
| 合　計 | 0.37 | 0.77 | 0.77 | 0.01 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×30.0<br>断面欠損無 | I<br>27000 | z<br>1800 | Ae<br>360.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>28.80 | Qa<br>38.40 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.29 | 0.17 | 0.37 | 0.37 | 0.00 |
| W2 0.29×1.29 | 0.15 | 0.34 | 0.34 | 0.00 |
| 合　計 | 0.32 | 0.71 | 0.71 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.52 | 0.23 | 0.47 | 0.47 | 0.03 |
| W2 0.29×1.52 | 0.21 | 0.43 | 0.43 | 0.02 |
| 合　計 | 0.44 | 0.90 | 0.90 | 0.05 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.52 | 0.20 | 0.44 | 0.44 | 0.02 |
| W2 0.29×1.52 | 0.18 | 0.40 | 0.40 | 0.02 |
| 合　計 | 0.38 | 0.84 | 0.84 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y3
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.52 | 0.20 | 0.44 | 0.44 | 0.02 |
| W2 0.29×1.52 | 0.18 | 0.40 | 0.40 | 0.02 |
| 合　計 | 0.38 | 0.84 | 0.84 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.02 | B×D<br>12.0×24.0<br>断面欠損無 | I<br>13824 | z<br>1152 | Ae<br>288.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>18.43 | Qa<br>30.72 | δa<br>3.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
XO

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×1.14 | 1.49 | 1.12 | 1.12 | 0.30 |
| W2 0.29×1.14 | 1.16 | 0.88 | 0.88 | 0.24 |
| 合　計 | 2.65 | 2.00 | 2.00 | 0.54 |
| 検　定 | 0.14 | 0.07 | 0.07 | 0.18 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×1.14 | 0.23 | 0.44 | 0.44 | 0.03 |
| W2 0.29×1.14 | 0.18 | 0.35 | 0.35 | 0.02 |
| 合　計 | 0.41 | 0.79 | 0.79 | 0.05 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4

X0

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.23 | 0.03 | 0.07 | 0.07 | 0.00 |
| W2 0.29×0.23 | 0.03 | 0.06 | 0.06 | 0.00 |
| W3 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.00 |
| W4 0.30×0.91 | 0.13 | 0.26 | 0.26 | 0.00 |
| 合　計 | 0.33 | 0.68 | 0.68 | 0.01 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×0.23 | 0.05 | 0.10 | 0.10 | 0.00 |
| W2 0.29×0.23 | 0.04 | 0.07 | 0.07 | 0.00 |
| W3 0.36×0.91 | 0.21 | 0.37 | 0.37 | 0.01 |
| W4 0.30×0.91 | 0.17 | 0.30 | 0.30 | 0.00 |
| 合　計 | 0.48 | 0.85 | 0.85 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>0.74 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.23 | 0.01 | 0.04 | 0.04 | 0.00 |
| W2 0.29×0.23 | 0.01 | 0.04 | 0.04 | 0.00 |
| W3 0.31×0.91 | 0.04 | 0.16 | 0.16 | 0.00 |
| W4 0.30×0.91 | 0.04 | 0.15 | 0.15 | 0.00 |
| 合　計 | 0.11 | 0.38 | 0.38 | 0.00 |
| 検　定 | 0.00 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×0.23 | 0.05 | 0.09 | 0.09 | 0.00 |
| W2 0.29×0.23 | 0.04 | 0.07 | 0.07 | 0.00 |
| W3 0.36×0.91 | 0.18 | 0.35 | 0.35 | 0.00 |
| W4 0.30×0.91 | 0.15 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.41 | 0.79 | 0.79 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4

X5

又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.14 | 0.17 | 0.36 | 0.36 | 0.00 |
| W2 0.29×1.14 | 0.16 | 0.32 | 0.32 | 0.00 |
| W3 0.31×0.55 | 0.08 | 0.17 | 0.17 | 0.00 |
| W4 0.30×0.55 | 0.08 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.49 | 1.00 | 1.00 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.14 | 0.18 | 0.36 | 0.36 | 0.00 |
| W2 0.29×1.14 | 0.16 | 0.33 | 0.33 | 0.00 |
| W3 0.31×0.55 | 0.08 | 0.17 | 0.17 | 0.00 |
| W4 0.30×0.55 | 0.08 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.50 | 1.02 | 1.02 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.14 | 0.18 | 0.36 | 0.36 | 0.00 |
| W2 0.29×1.14 | 0.16 | 0.33 | 0.33 | 0.00 |
| W3 0.31×0.55 | 0.08 | 0.17 | 0.17 | 0.00 |
| W4 0.30×0.55 | 0.08 | 0.16 | 0.16 | 0.00 |
| 合　計 | 0.50 | 1.02 | 1.02 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y4
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.37×1.14 | 0.27 | 0.48 | 0.48 | 0.01 |
| W2 0.29×1.14 | 0.21 | 0.38 | 0.38 | 0.01 |
| W3 0.36×0.55 | 0.13 | 0.23 | 0.23 | 0.00 |
| W4 0.30×0.55 | 0.10 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.72 | 1.27 | 1.27 | 0.02 |
| 検　定 | 0.03 | 0.04 | 0.04 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.22 | 0.45 | 0.45 | 0.02 |
| W2 0.30×1.46 | 0.21 | 0.42 | 0.42 | 0.02 |
| 合　計 | 0.42 | 0.87 | 0.87 | 0.05 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.22 | 0.45 | 0.45 | 0.03 |
| W2 0.30×1.46 | 0.21 | 0.43 | 0.43 | 0.02 |
| 合　計 | 0.44 | 0.88 | 0.88 | 0.05 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X７

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.22 | 0.45 | 0.45 | 0.03 |
| W2 0.30×1.46 | 0.21 | 0.43 | 0.43 | 0.02 |
| 合　計 | 0.44 | 0.88 | 0.88 | 0.05 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.46 | 0.34 | 0.60 | 0.60 | 0.05 |
| W2 0.30×1.46 | 0.28 | 0.49 | 0.49 | 0.04 |
| 合　計 | 0.62 | 1.10 | 1.10 | 0.09 |
| 検　定 | 0.09 | 0.06 | 0.06 | 0.06 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0<br>断面欠損無 | I<br>35937 | z<br>2178 | Ae<br>396.0 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>2.20 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X0
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.82 | 0.90 | 1.09 | 1.09 | 0.03 |
| W2 0.30×1.82 | 0.73 | 0.89 | 0.89 | 0.02 |
| 合　計 | 1.64 | 1.98 | 1.98 | 0.05 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0<br>断面欠損無 | I<br>35937 | z<br>2178 | Ae<br>396.0 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>1.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.82 | 0.34 | 0.67 | 0.67 | 0.00 |
| W2 0.30×1.82 | 0.27 | 0.54 | 0.54 | 0.00 |
| 合　計 | 0.61 | 1.21 | 1.21 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>0.96 | B×D<br>12.0×33.0<br>断面欠損無 | I<br>35937 | z<br>2178 | Ae<br>396.0 | fb<br>15.36 | fs<br>1.60 | Ma<br>33.45 | Qa<br>42.24 | δa<br>1.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.82 | 0.36 | 0.70 | 0.70 | 0.00 |
| W2 0.30×1.82 | 0.30 | 0.57 | 0.57 | 0.00 |
| 合　計 | 0.66 | 1.26 | 1.26 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.25 | 0.52 | 0.52 | 0.03 |
| W2 0.30×1.70 | 0.24 | 0.49 | 0.49 | 0.03 |
| 合　計 | 0.49 | 1.01 | 1.01 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.26 | 0.53 | 0.53 | 0.03 |
| W2 0.30×1.70 | 0.25 | 0.50 | 0.50 | 0.03 |
| 合　計 | 0.51 | 1.03 | 1.03 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.26 | 0.53 | 0.53 | 0.03 |
| W2 0.30×1.70 | 0.25 | 0.50 | 0.50 | 0.03 |
| 合　計 | 0.51 | 1.03 | 1.03 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.70 | 0.40 | 0.70 | 0.70 | 0.06 |
| W2 0.30×1.70 | 0.33 | 0.57 | 0.57 | 0.05 |
| 合　計 | 0.73 | 1.28 | 1.28 | 0.11 |
| 検　定 | 0.10 | 0.07 | 0.07 | 0.07 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | 0.24 | 0.49 | 0.49 | 0.00 |
| W2 0.30×1.60 | 0.23 | 0.46 | 0.46 | 0.00 |
| 合　計 | 0.46 | 0.95 | 0.95 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 0.37 | 0.65 | 0.65 | 0.01 |
| W2 0.30×1.60 | 0.30 | 0.53 | 0.53 | 0.01 |
| 合　計 | 0.67 | 1.19 | 1.19 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>0.74 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | 0.08 | 0.28 | 0.28 | 0.00 |
| W2 0.30×1.60 | 0.07 | 0.26 | 0.26 | 0.00 |
| 合　計 | 0.15 | 0.54 | 0.54 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y5

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 0.32 | 0.61 | 0.61 | 0.01 |
| W2 0.30×1.60 | 0.26 | 0.50 | 0.50 | 0.01 |
| 合　計 | 0.58 | 1.10 | 1.10 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.73 | 0.26 | 0.53 | 0.53 | 0.03 |
| W2 0.30×1.73 | 0.24 | 0.50 | 0.50 | 0.03 |
| 合　計 | 0.50 | 1.03 | 1.03 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.73 | 0.27 | 0.54 | 0.54 | 0.03 |
| W2 0.30×1.73 | 0.25 | 0.51 | 0.51 | 0.03 |
| 合　計 | 0.52 | 1.04 | 1.04 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.73 | 0.27 | 0.54 | 0.54 | 0.03 |
| W2 0.30×1.73 | 0.25 | 0.51 | 0.51 | 0.03 |
| 合　計 | 0.52 | 1.04 | 1.04 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又Y5
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.73 | 0.41 | 0.72 | 0.72 | 0.06 |
| W2 0.30×1.73 | 0.33 | 0.58 | 0.58 | 0.05 |
| 合　計 | 0.74 | 1.30 | 1.30 | 0.11 |
| 検　定 | 0.10 | 0.07 | 0.07 | 0.07 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>3.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又
X0

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.37 | 1.75 | 1.32 | 1.32 | 0.25 |
| W2 0.30×1.37 | 1.43 | 1.08 | 1.08 | 0.20 |
| 合　計 | 3.18 | 2.40 | 2.40 | 0.45 |
| 検　定 | 0.14 | 0.07 | 0.07 | 0.15 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又

X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.37 | 0.27 | 0.52 | 0.52 | 0.04 |
| W2 0.30×1.37 | 0.22 | 0.42 | 0.42 | 0.03 |
| 合　計 | 0.50 | 0.95 | 0.95 | 0.06 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>3.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X0

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 2.05 | 1.54 | 1.54 | 0.29 |
| W2 0.30×1.60 | 1.67 | 1.25 | 1.25 | 0.24 |
| 合　計 | 3.71 | 2.79 | 2.79 | 0.53 |
| 検　定 | 0.16 | 0.08 | 0.08 | 0.18 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.00 | B×D<br>12.0×27.0<br>断面欠損無 | I<br>19683 | z<br>1458 | Ae<br>324.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>23.33 | Qa<br>34.56 | δa<br>1.40 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.60 | 0.32 | 0.61 | 0.61 | 0.01 |
| W2 0.30×1.60 | 0.26 | 0.50 | 0.50 | 0.01 |
| 合　計 | 0.58 | 1.10 | 1.10 | 0.01 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.85 | 0.28 | 0.57 | 0.57 | 0.03 |
| W2 0.30×1.85 | 0.26 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.54 | 1.10 | 1.10 | 0.06 |
| 検　定 | 0.07 | 0.06 | 0.06 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.85 | 0.28 | 0.57 | 0.57 | 0.03 |
| W2 0.30×1.85 | 0.27 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.55 | 1.12 | 1.12 | 0.06 |
| 検　定 | 0.08 | 0.06 | 0.06 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.85 | 0.28 | 0.57 | 0.57 | 0.03 |
| W2 0.30×1.85 | 0.27 | 0.54 | 0.54 | 0.03 |
| 合　計 | 0.55 | 1.12 | 1.12 | 0.06 |
| 検　定 | 0.08 | 0.06 | 0.06 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y6
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.85 | 0.43 | 0.77 | 0.77 | 0.07 |
| W2 0.30×1.85 | 0.35 | 0.62 | 0.62 | 0.05 |
| 合　計 | 0.79 | 1.39 | 1.39 | 0.12 |
| 検　定 | 0.11 | 0.07 | 0.07 | 0.08 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X0
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.09 | 0.09 | 0.00 |
| W3 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| W4 0.30×0.91 | 0.13 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.37 | 0.77 | 0.77 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.51×0.30 | 0.10 | 0.17 | 0.17 | 0.01 |
| W2 0.30×0.30 | 0.06 | 0.10 | 0.10 | 0.01 |
| W3 0.36×0.91 | 0.21 | 0.37 | 0.37 | 0.03 |
| W4 0.30×0.91 | 0.17 | 0.30 | 0.30 | 0.03 |
| 合　計 | 0.54 | 0.95 | 0.95 | 0.08 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.07 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X3
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 0.30×0.30 | 0.03 | 0.07 | 0.07 | 0.00 |
| W3 0.31×0.91 | 0.09 | 0.23 | 0.23 | 0.01 |
| W4 0.30×0.91 | 0.09 | 0.22 | 0.22 | 0.01 |
| 合　計 | 0.25 | 0.63 | 0.63 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.07 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
X5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.04 | 0.11 | 0.11 | 0.00 |
| W2 0.30×0.30 | 0.03 | 0.07 | 0.07 | 0.00 |
| W3 0.31×0.91 | 0.09 | 0.23 | 0.23 | 0.01 |
| W4 0.30×0.91 | 0.09 | 0.22 | 0.22 | 0.01 |
| 合　計 | 0.25 | 0.63 | 0.63 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
X5
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.09 | 0.09 | 0.00 |
| W3 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| W4 0.30×0.91 | 0.13 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.37 | 0.77 | 0.77 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.09 | 0.09 | 0.01 |
| W3 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| W4 0.30×0.91 | 0.13 | 0.27 | 0.27 | 0.02 |
| 合　計 | 0.38 | 0.77 | 0.77 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.32 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又
又X7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.30 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.30×0.30 | 0.04 | 0.09 | 0.09 | 0.01 |
| W3 0.31×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| W4 0.30×0.91 | 0.13 | 0.27 | 0.27 | 0.02 |
| 合　計 | 0.38 | 0.77 | 0.77 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/Y7
又X7
X9

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.51×0.30 | 0.10 | 0.18 | 0.18 | 0.02 |
| W2 0.30×0.30 | 0.06 | 0.10 | 0.10 | 0.01 |
| W3 0.36×0.91 | 0.21 | 0.38 | 0.38 | 0.03 |
| W4 0.30×0.91 | 0.17 | 0.31 | 0.31 | 0.03 |
| 合　計 | 0.55 | 0.96 | 0.96 | 0.08 |
| 検　定 | 0.08 | 0.05 | 0.05 | 0.05 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.91 | 0.14 | 0.28 | 0.28 | 0.02 |
| W2 0.29×0.91 | 0.13 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.26 | 0.54 | 0.54 | 0.03 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X９
又Y２
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.73 | 0.23 | 0.50 | 0.50 | 0.02 |
| W2 0.29×1.73 | 0.21 | 0.45 | 0.45 | 0.02 |
| 合　計 | 0.44 | 0.96 | 0.96 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.60 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X9
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.70 | 0.05 | 0.24 | 0.24 | 0.00 |
| W2 0.29×1.70 | 0.05 | 0.22 | 0.22 | 0.00 |
| 合　計 | 0.10 | 0.46 | 0.46 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×0.65 | 0.10 | 0.20 | 0.20 | 0.01 |
| W2 0.29×0.65 | 0.09 | 0.18 | 0.18 | 0.01 |
| 合　計 | 0.19 | 0.38 | 0.38 | 0.02 |
| 検　定 | 0.03 | 0.02 | 0.02 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.08 | 0.16 | 0.16 | 0.01 |
| W2 0.36×0.51 | 0.09 | 0.18 | 0.18 | 0.01 |
| 合　計 | 0.16 | 0.34 | 0.34 | 0.02 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.56 | 0.21 | 0.45 | 0.45 | 0.02 |
| W2 0.29×1.56 | 0.19 | 0.41 | 0.41 | 0.02 |
| 合　計 | 0.39 | 0.86 | 0.86 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X18
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.10 | 0.02 | 0.04 | 0.04 | 0.00 |
| W2 0.36×0.10 | 0.01 | 0.03 | 0.03 | 0.00 |
| W3 0.31×0.69 | 0.09 | 0.19 | 0.19 | 0.01 |
| W4 0.36×0.69 | 0.10 | 0.22 | 0.22 | 0.01 |
| 合　計 | 0.22 | 0.49 | 0.49 | 0.02 |
| 検　定 | 0.03 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.46×0.32 | 0.01 | 0.07 | 0.07 | 0.00 |
| W2 0.36×0.32 | 0.01 | 0.05 | 0.05 | 0.00 |
| W3 0.31×0.31 | 0.01 | 0.04 | 0.04 | 0.00 |
| W4 0.36×0.31 | 0.01 | 0.05 | 0.05 | 0.00 |
| 合　計 | 0.05 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又Y３
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.84 | 0.12 | 0.26 | 0.26 | 0.01 |
| W2 0.36×0.84 | 0.15 | 0.30 | 0.30 | 0.02 |
| 合　計 | 0.27 | 0.55 | 0.55 | 0.03 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又Y３
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.36×0.51 | 0.08 | 0.17 | 0.17 | 0.01 |
| 合　計 | 0.14 | 0.31 | 0.31 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y3
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.32×1.44 | 0.22 | 0.45 | 0.45 | 0.02 |
| W2 0.29×1.44 | 0.20 | 0.41 | 0.41 | 0.02 |
| 合　計 | 0.42 | 0.85 | 0.85 | 0.05 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y3
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.91 | 0.12 | 0.26 | 0.26 | 0.01 |
| W2 0.36×0.91 | 0.14 | 0.30 | 0.30 | 0.01 |
| 合　計 | 0.25 | 0.56 | 0.56 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.35 | 0.17 | 0.38 | 0.38 | 0.02 |
| W2 0.36×1.35 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.38 | 0.83 | 0.83 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X９
又
又X11
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.07 | 0.14 | 0.14 | 0.01 |
| W2 0.36×0.51 | 0.08 | 0.17 | 0.17 | 0.01 |
| 合　計 | 0.14 | 0.31 | 0.31 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X17
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | 0.05 | 0.23 | 0.23 | 0.00 |
| W2 0.36×1.60 | 0.06 | 0.26 | 0.26 | 0.00 |
| 合　計 | 0.11 | 0.49 | 0.49 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.34 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X９
又
又X９
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.51 | 0.00 | 0.04 | 0.04 | 0.00 |
| W2 0.36×0.51 | 0.01 | 0.05 | 0.05 | 0.00 |
| 合　計 | 0.01 | 0.09 | 0.09 | 0.00 |
| 検　定 | 0.00 | 0.00 | 0.00 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X16
又Y３

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.69 | 0.10 | 0.21 | 0.21 | 0.01 |
| W2 0.36×0.69 | 0.12 | 0.24 | 0.24 | 0.01 |
| 合　計 | 0.22 | 0.45 | 0.45 | 0.02 |
| 検　定 | 0.03 | 0.02 | 0.02 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.04 | 0.18 | 0.18 | 0.00 |
| W2 0.36×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| 合　計 | 0.09 | 0.39 | 0.39 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.35 | 0.17 | 0.38 | 0.38 | 0.02 |
| W2 0.36×1.35 | 0.20 | 0.44 | 0.44 | 0.02 |
| 合　計 | 0.38 | 0.83 | 0.83 | 0.04 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.36×1.29 | 0.06 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.12 | 0.45 | 0.45 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.78 | 0.10 | 0.22 | 0.22 | 0.01 |
| W2 0.36×0.78 | 0.12 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.22 | 0.47 | 0.47 | 0.02 |
| 検　定 | 0.03 | 0.02 | 0.02 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又Y4
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.22 | 0.16 | 0.34 | 0.34 | 0.02 |
| W2 0.36×1.22 | 0.18 | 0.40 | 0.40 | 0.02 |
| 合　計 | 0.34 | 0.74 | 0.74 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.73 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y4
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.06 | 0.22 | 0.22 | 0.00 |
| W2 0.36×1.29 | 0.07 | 0.25 | 0.25 | 0.00 |
| 合　計 | 0.13 | 0.47 | 0.47 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y4
又X14
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.03 | 0.16 | 0.16 | 0.00 |
| W2 0.36×1.29 | 0.03 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又Y4
又X18
又

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.05 | 0.24 | 0.24 | 0.00 |
| W2 0.36×1.69 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.12 | 0.52 | 0.52 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又Y4
又X14
又Y4

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.36×1.29 | 0.06 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.12 | 0.45 | 0.45 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.61 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又Y4
又X17
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.05 | 0.24 | 0.24 | 0.00 |
| W2 0.36×1.69 | 0.06 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.12 | 0.52 | 0.52 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.22 | 0.16 | 0.34 | 0.34 | 0.02 |
| W2 0.36×1.22 | 0.18 | 0.40 | 0.40 | 0.02 |
| 合　計 | 0.34 | 0.74 | 0.74 | 0.03 |
| 検　定 | 0.05 | 0.04 | 0.04 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X13
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.03 | 0.16 | 0.16 | 0.00 |
| W2 0.36×1.29 | 0.03 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X19
又
又X21
又Y4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.91 | 0.12 | 0.26 | 0.26 | 0.01 |
| W2 0.36×0.91 | 0.14 | 0.30 | 0.30 | 0.01 |
| 合　計 | 0.25 | 0.56 | 0.56 | 0.02 |
| 検　定 | 0.04 | 0.03 | 0.03 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.36×1.29 | 0.06 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.12 | 0.45 | 0.45 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又Y４

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.37 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.36×1.12 | 0.21 | 0.42 | 0.42 | 0.03 |
| W2 0.36×1.12 | 0.21 | 0.42 | 0.42 | 0.03 |
| 合　計 | 0.43 | 0.83 | 0.83 | 0.05 |
| 検　定 | 0.06 | 0.04 | 0.04 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.52 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.03 | 0.16 | 0.16 | 0.00 |
| W2 0.36×1.29 | 0.03 | 0.18 | 0.18 | 0.00 |
| 合　計 | 0.06 | 0.34 | 0.34 | 0.00 |
| 検　定 | 0.01 | 0.02 | 0.02 | 0.00 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X17
又
又X19
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X９
又
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.29 | 0.05 | 0.21 | 0.21 | 0.00 |
| W2 0.36×1.29 | 0.06 | 0.24 | 0.24 | 0.00 |
| 合　計 | 0.12 | 0.45 | 0.45 | 0.00 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X20
又
又X22
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×0.79 | 0.10 | 0.22 | 0.22 | 0.01 |
| W2 0.36×0.79 | 0.12 | 0.26 | 0.26 | 0.01 |
| 合　計 | 0.22 | 0.48 | 0.48 | 0.01 |
| 検　定 | 0.02 | 0.02 | 0.02 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.45 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
又X9
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.23 | 0.02 | 0.13 | 0.13 | 0.00 |
| W2 0.36×1.23 | 0.03 | 0.15 | 0.15 | 0.00 |
| 合　計 | 0.05 | 0.28 | 0.28 | 0.00 |
| 検　定 | 0.01 | 0.01 | 0.01 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X17
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X11
又
又X13
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X18
又Y５
又X20
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| W2 0.36×1.70 | 0.25 | 0.56 | 0.56 | 0.01 |
| 合　計 | 0.47 | 1.04 | 1.04 | 0.03 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X14
又Y5
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X10
又Y5
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.19 | 0.45 | 0.45 | 0.02 |
| W2 0.36×1.69 | 0.22 | 0.52 | 0.52 | 0.02 |
| 合　計 | 0.42 | 0.98 | 0.98 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | Ｇ＋Ｐ＋Ｓ | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X16
又
又X18
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| W2 0.36×1.70 | 0.25 | 0.56 | 0.56 | 0.01 |
| 合　計 | 0.47 | 1.04 | 1.04 | 0.03 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.02 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X12
又
又X14
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.22 | 0.48 | 0.48 | 0.02 |
| W2 0.36×1.69 | 0.25 | 0.55 | 0.55 | 0.02 |
| 合　計 | 0.47 | 1.03 | 1.03 | 0.05 |
| 検　定 | 0.07 | 0.05 | 0.05 | 0.04 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>0.70 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又
X10
又Y5

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.46 | 0.06 | 0.24 | 0.24 | 0.00 |
| W2 0.36×1.46 | 0.07 | 0.28 | 0.28 | 0.00 |
| 合　計 | 0.14 | 0.52 | 0.52 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X15
又
又X16
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| W2 0.36×1.70 | 0.25 | 0.56 | 0.56 | 0.01 |
| 合　計 | 0.47 | 1.04 | 1.04 | 0.03 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.08 | B×D<br>12.0×15.0<br>断面欠損無 | I<br>3375 | z<br>450 | Ae<br>180.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>7.20 | Qa<br>19.20 | δa<br>1.15 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又
又X12
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.69 | 0.19 | 0.45 | 0.45 | 0.02 |
| W2 0.36×1.69 | 0.22 | 0.52 | 0.52 | 0.02 |
| 合　計 | 0.42 | 0.98 | 0.98 | 0.04 |
| 検　定 | 0.06 | 0.05 | 0.05 | 0.03 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X13
又Y6
又X15
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| W2 0.36×1.70 | 0.25 | 0.56 | 0.56 | 0.01 |
| 合　計 | 0.47 | 1.04 | 1.04 | 0.03 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×15.0 | 3375 | 450 | 180.0 | 16.00 | 1.60 | 7.20 | 19.20 | 1.30 |
| | 係数 | 1.08 | 断面欠損無 | | | | | | | | |

2/X9
又Y6
又X10
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.60 | -0.94 | 0.00 | 0.97 | 0.25 |
| W2 0.36×1.60 | -1.09 | 0.00 | 1.12 | 0.29 |
| 合　計 | -2.03 | 0.00 | 2.09 | 0.54 |
| 検　定 | 0.28 | 0.00 | 0.11 | 0.42 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 欧州赤松集成材 | 10500 | 12.0×18.0 | 5832 | 648 | 216.0 | 16.00 | 1.60 | 10.37 | 23.04 | 1.15 |
| | 係数 | 1.05 | 断面欠損無 | | | | | | | | |

2/又X11
又
又X13
又Y6

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.20 | 0.46 | 0.46 | 0.01 |
| W2 0.36×1.70 | 0.23 | 0.53 | 0.53 | 0.01 |
| 合　計 | 0.42 | 0.98 | 0.98 | 0.02 |
| 検　定 | 0.04 | 0.04 | 0.04 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>1.21 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/又X10
又Y7
又X11
又

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.70 | 0.22 | 0.48 | 0.48 | 0.01 |
| W2 0.36×1.70 | 0.25 | 0.56 | 0.56 | 0.01 |
| 合　計 | 0.47 | 1.04 | 1.04 | 0.03 |
| 検　定 | 0.05 | 0.05 | 0.05 | 0.02 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種<br>欧州赤松集成材<br>係数 | E<br>10500<br>1.05 | B×D<br>12.0×18.0<br>断面欠損無 | I<br>5832 | z<br>648 | Ae<br>216.0 | fb<br>16.00 | fs<br>1.60 | Ma<br>10.37 | Qa<br>23.04 | δa<br>0.78 |
|---|---|---|---|---|---|---|---|---|---|---|---|

2/X9
又Y7
又X10
又Y7

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.50 | 0.08 | 0.27 | 0.27 | 0.00 |
| W2 0.36×1.50 | 0.09 | 0.32 | 0.32 | 0.00 |
| 合　計 | 0.17 | 0.59 | 0.59 | 0.00 |
| 検　定 | 0.02 | 0.03 | 0.03 | 0.01 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | Ｇ＋Ｐ＋Ｓ | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 18.56 | 0.96 | 1.82 | 5.38 | 0.25 |

1/Y9
X0
又X0

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.01 | 0.11 | 0.11 | 0.00 |
| W2 0.30×1.82 | 0.01 | 0.10 | 0.10 | 0.00 |
| 合　計 | 0.02 | 0.21 | 0.21 | 0.00 |
| 検　定 | 0.01 | 0.04 | 0.04 | 0.00 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 18.56 | 0.96 | 1.82 | 5.38 | 0.75 |

1/Y9
又X0
又X1

○　モーメント図

○　たわみ図

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.09 | 0.32 | 0.32 | 0.04 |
| W2 0.30×1.82 | 0.09 | 0.31 | 0.31 | 0.04 |
| 合　計 | 0.18 | 0.62 | 0.62 | 0.08 |
| 検　定 | 0.10 | 0.12 | 0.12 | 0.10 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 18.56 | 0.96 | 1.82 | 5.38 | 1.21 |

1/Y9
又X1
又X2

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.23 | 0.51 | 0.51 | 0.27 |
| W2 0.30×1.82 | 0.23 | 0.50 | 0.50 | 0.26 |
| 合　計 | 0.46 | 1.01 | 1.01 | 0.52 |
| 検　定 | 0.25 | 0.19 | 0.19 | 0.43 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 18.56 | 0.96 | 1.82 | 5.38 | 0.59 |

1/Y9
又X2
X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.06 | 0.25 | 0.25 | 0.02 |
| W2 0.30×1.82 | 0.05 | 0.24 | 0.24 | 0.01 |
| 合　計 | 0.11 | 0.49 | 0.49 | 0.03 |
| 検　定 | 0.06 | 0.09 | 0.09 | 0.05 |
| 判　定 | ＯＫ | ＯＫ | ＯＫ | ＯＫ |
| 荷重及び区分 | | G＋P＋S | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 18.56 | 0.96 | 1.82 | 5.38 | 0.61 |

1/Y9
X3
又X3

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.06 | 0.26 | 0.26 | 0.02 |
| W2 0.30×1.82 | 0.06 | 0.25 | 0.25 | 0.02 |
| 合　計 | 0.12 | 0.51 | 0.51 | 0.03 |
| 検　定 | 0.06 | 0.10 | 0.10 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

| 階／通<br>支点 | 材種 | E | B×D | I | z | Ae | fb | fs | Ma | Qa | δa |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 杉 | 8820 | 12.0×7.0<br>断面欠損無 | 343 | 98 | 84.0 | 18.56 | 0.96 | 1.82 | 5.38 | 0.61 |

1/Y9
又X3
又X4

| 荷重 | Mm | Q1 | Q2 | δm |
|---|---|---|---|---|
| W1 0.31×1.82 | 0.06 | 0.26 | 0.26 | 0.02 |
| W2 0.30×1.82 | 0.06 | 0.25 | 0.25 | 0.02 |
| 合　計 | 0.12 | 0.51 | 0.51 | 0.03 |
| 検　定 | 0.06 | 0.10 | 0.10 | 0.06 |
| 判　定 | OK | OK | OK | OK |
| 荷重及び区分 | G＋P＋S | | | |

Y0 通り　　内壁：　外壁：　梁・土台：　柱：

2599
3541
9844
3704
P8 長期鉛直荷重 0.72kN
P8 長期鉛直荷重 1.87kN
P7 長期鉛直荷重 0.37kN
P6 長期鉛直荷重 2.12kN
P4 床積載 長期鉛直荷重 4.56kN
P3 床 0.40kN 2.29kN 長期鉛直荷重 4.01kN
P2 内壁 2.60kN 2.60kN 2.60kN 2.60kN 2.60kN 2.60kN 3.20kN
P1 外壁 0.59kN 0.59kN 0.59kN 0.59kN 0.59kN 0.59kN 1.11kN
Q=1.27 Q=2.40 Q=2.40 Q=2.36 Q=2.36 Q=0.89 Q=0.89 Q=0.89

Y1 通り　内壁： 外壁： 梁・土台： 柱：

又Y1 通り

又 通り　内壁：　外壁：　梁・土台：　柱：

又 通り

又 通り　　内壁：　外壁：　梁・土台：　柱：

又 通り

又 通り　内壁：　外壁：　梁・土台：　柱：

又 通り

又 通り　内壁：　外壁：　梁・土台：　柱：

又 通り

Y2 通り　内壁： 外壁： 梁・土台： 柱：

又Y2 通り

通り
内壁：
外壁：
梁・土台：
柱：
2599
3541
9844
3704
P4 床積載 0.37kN
P3 床 0.29kN
P2 床積載 0.37kN
P1 床 0.29kN
Q=8.11
Q=8.11
W1 床 1.67kN
W2 床 1.67kN
W3 床 1.67kN
W4 床 1.67kN
W5 床積載 2.05kN
W6 床積載 2.05kN
W7 床積載 2.05kN
W8 床積載 2.05kN
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

通り
2599
3541
9844
3704
P7 床積載 0.82kN
P6 床 0.51kN
P5 内壁 0.82kN
P4 床積載 0.27kN
P3 床 0.21kN
P2 内壁 0.41kN
P1 長期鉛直荷重 2.53kN
Q=8.10
Q=8.10
W1 床 0.84kN
W2 床 0.91kN
W3 床 1.29kN
W4 床 1.67kN
W5 床 1.67kN
W6 床積載 1.02kN
W7 床積載 1.12kN
W8 床積載 1.58kN
W9 床積載 2.05kN
W10 床積載 2.05kN
W1 床 0.07kN
W2 床 0.07kN
W3 床積載 0.09kN
W4 床積載 0.09kN
W5 床 0.07kN
W6 床 0.07kN
W7 床積載 0.09kN
W8 床積載 0.09kN
W1 床 0.29kN
W2 床 0.29kN
W3 床積載 0.37kN
W4 床積載 0.37kN
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通り　内壁：　外壁：　梁・土台：　柱：

Y3 通り

通り　内壁：　外壁：　梁・土台：　柱：

又 通り

通り　内壁：　外壁：　梁・土台：　柱：

Y4 通り

又Y４ 通り　内壁：　外壁：　梁・土台：　柱：

又Y４ 通り

通り　内壁：　外壁：　梁・土台：　柱：

又 通り

又 通り　　内壁：　外壁：　梁・土台：　柱：

通り

又 通り　内壁：□　外壁：■　梁・土台：　柱：

通り

又 通り　内壁：　外壁：　梁・土台：　柱：

Y5 通り

又Y５ 通り　内壁：　外壁：　梁・土台：　柱：

通り

又 通り　内壁：　外壁：　梁・土台：　柱：

通り

Y6 通り　内壁： 外壁： 梁・土台： 柱：

通り

Y7 通り　内壁： 外壁： 梁・土台： 柱：

通り

又 通り　内壁： 外壁： 梁・土台： 柱：

Y8 通り

Y9 通り　内壁：□ 外壁：■ 梁・土台：━ 柱：┃

Y10 通り

X0 通り　内壁： 外壁： 梁・土台： 柱：

X1 通り

又X１ 通り　内壁：　外壁：　梁・土台：　柱：

又X１ 通り

又 通り　内壁：　外壁：　梁・土台：　柱：

又 通り

又 通り　内壁：　外壁：　梁・土台：　柱：

X2 通り

又X２ 通り　内壁：　外壁：　梁・土台：　柱：

X３ 通り

又X３ 通り　内壁：　外壁：　梁・土台：　柱：

通り

又 通り　内壁： 外壁： 梁・土台： 柱：

X4 通り

又X４ 通り　内壁：　外壁：　梁・土台：　柱：

又X４ 通り

通り　内壁：　外壁：　梁・土台：　柱：

又 通り

X５ 通り　内壁： 外壁： 梁・土台： 柱：

又X５ 通り

又 通り　　内壁：　外壁：　梁・土台：　柱：

通り

又 通り　　内壁：　外壁：　梁・土台：　柱：

又 通り

又 通り　　内壁：　外壁：　梁・土台：　柱：

又 通り

通り　内壁：　外壁：　梁・土台：　柱：

又 通り

X6 通り　内壁： 外壁： 梁・土台： 柱：

又X6 通り

又X6 通り　内壁：　外壁：　梁・土台：　柱：

通り

又 通り　内壁： 外壁： 梁・土台： 柱：

X7 通り

又X７ 通り　内壁：　外壁：　梁・土台：　柱：

又 通り

X8 通り　内壁： 外壁： 梁・土台： 柱：

又X8 通り

X9 通り　内壁：　外壁：　梁・土台：　柱

# 参考図　荷重図

３階 床荷重図

凡例
一般の床組
床+床積載荷重(kN)
(負担面積(m²))
根太方向
床+床積載荷重(kN)
根太レス
床+床積載荷重(kN)
(負担面積(m²))
荷重
(面積)
(面積)
荷重
(負担面積(m²))
床+床積載荷重(kN)

Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

２階 床荷重図

凡例
一般の床組
床+床積載荷重(kN)
(負担面積(㎡))
根太方向
床+床積載荷重(kN)
根太レス
床+床積載荷重(kN)
(負担面積(㎡))
荷重
(面積)
(面積)
荷重
(負担面積(㎡))
床+床積載荷重(kN)

Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
2.57
(10.97)
3.05
2.57
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

1階 床荷重図

凡例
屋根
屋根荷重(kN)
(負担面積(m²))
母屋
屋根(勾配0)
屋根荷重(kN)
(負担面積(m²))
荷重
(面積)
(面積)
荷重
(負担面積(m²))
屋根荷重(kN)

Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

２階 屋根荷重図

凡例
屋根
屋根荷重(kN)
(負担面積(m²))
母屋
屋根(勾配0)
屋根荷重(kN)
(負担面積(m²))
荷重
(面積)
(面積)
荷重
(負担面積(m²))
屋根荷重(kN)
Y10
Y9
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

1階 屋根荷重図

凡例
＜柱軸力＞
Lw
Lw:長期荷重(kN)
(梁・柱・基礎用)
＜床荷重＞
Fa
Fw
FwFax
Fa：床面積(m²)
Fw：床単位荷重(kN/m²)
FwFax：床荷重(kN)
＜分布荷重＞
Ww:壁荷重(kN)
柱荷重計ΣLw=2639.37(kN)
壁荷重計ΣWw=265.08(kN)
床荷重計ΣFw=1259.40(kN)
全体荷重計ΣW=4168.86(kN)
28360
22750
22040
7097
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22
Y0 Y1 Y2 Y3 Y4 Y6 Y7 Y8 Y10

1階床下荷重分布図

参考図　簡易軸組図

X 通

X0 通

X1 通

凡例
梁断面
梁
面材
筋かい

X2 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×210
120×150
120×240
12120
11085
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

X3 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×150
120×300
120×300
120×300
120×300
150×800
120×330
120×180
120×360
120×360
120×150
8645
1570
705
1200
6700
2275
1365
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい
X4 通
10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×450
120×360
120×120
1820
1365
1400
1330
1650
1080
23205
14560
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X4 通
10994
8395
4854
GL
300
2599
3541
4854
1150
10994
8645
23205
14560
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

通

10994
8395
4854
2599
3541
10994
4854
1150
GL
300
120×150
910
910
21385
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又 通

10994
8395
4854
2599
3541
10994
4854
1150
GL
300
8645
14560
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

X5 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×150
120×210
120×240
120×390
120×330
150×1230
120×180
120×450
120×360
1820
4095
2730
2275
9100
1365
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X5 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X5 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
5915
17290
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×390
120×210
8645
14560
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

## 又 通

10994
8395
4854
2599
3541
10994
4854
1150
GL
300
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

## X6 通

10994
8395
4854
2599
3541
10994
4854
1150
GL
300
120×390
120×240
120×120
90×90
5915
1140
1590
12740
1820
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

X7 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×240
120×450
120×550
120×550
120×120
120×120
5915
910
1820
3370
1820
1580
1365
910
2785
910
1820
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X7 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×150
120×390
120×390
120×420
120×390
120×180
120×240
120×150
120×120
12015
910
910
9370
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

## X8 通

10994
2599
8395
3541
10994
4854
120×420
120×180
120×180
120×180
120×240
120×240
120×300
120×120
4854
1150
GL
300
12015
910
910
9370
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

## X9 通

10994
2599
8395
3541
10994
4854
120×150
120×420
120×360
120×390
120×240
120×120
4854
1150
GL
300
1100
720
910
910
2062
1365
1365
1820
1550
1820
1580
1365
965
910
910
910
910
1820
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

## 又X9 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
13658
9548
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

## X10 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
15411
7794
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X10 通

10994
8395
4854
GL
2599
3541
4854
1150
300
10994
21064
2141
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X10 通

10994
8395
4854
GL
2599
3541
4854
1150
300
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X10 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
12975
10230
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X10 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X10 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
20609
2596
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X11 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
2758
20447
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X11 通

10994
8395
4854
1150
GL
300
2599
3541
4854
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X11 通

10994
8395
4854
1150
GL
300
2599
3541
4854
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい
又X11 通
10994
8395
4854
2599
3541
10994
4854
1150
GL
300
18096
5109
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X11 通
10994
8395
4854
2599
3541
10994
4854
1150
GL
300
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X11 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
20153
3052
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X11 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
2303
20902
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X12 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
14166
9039
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X12 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X12 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
19698
3507
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X12 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
15754
7451
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X12 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
11838
23205
11368
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X12 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
3879
23205
19326
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X13 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
13641
9564
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X13 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
11383
11823
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

## 又X13 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
5456
17749
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

## 又X14 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
14984
8221
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X14 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X14 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
10928
12278
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X15 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
16326
6879
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X15 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
12504
10701
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X15 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X15 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
10290
12915
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X15 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
8608
14597
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X16 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
17928
5277
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X16 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X16 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
11821
11384
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X16 通

10994
8395
4854
1150
GL
300
2599
3541
4854
10994
17473
5732
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X17 通

10994
8395
4854
1150
GL
300
2599
3541
4854
10994
9563
13643
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X17 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X17 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
9255
13950
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X18 通

10994
8395
4854
GL
2599
3541
4854
1150
300
10994
11139
12066
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X18 通

10994
8395
4854
GL
2599
3541
4854
1150
300
10994
16790
6415
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X18 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X18 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X19 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X19 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
9213
13992
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X19 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
15880
7325
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X20 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
10001
13204
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X20 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
15425
7780
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X21 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X21 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
11577
23205
11628
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X21 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
14970
23205
8235
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

又X21 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
12365
10840
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

又X22 通

10994
8395
4854
GL
300
2599
3541
4854
1150
10994
13154
10052
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
14288
8917
23205
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
Y9
Y10

凡例
梁断面
梁
面材
筋かい

Y 通
Y0 通

10994
2599
8395
3541
4854
1150
GL
300
120×240
120×240
120×390
120×420
120×120
120×120
120×120
1205
2275
2260
1750
910
1820
1820
1365
1205
910
910
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y0 通

10994
2599
8395
3541
4854
1150
GL
300
6665
21695
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい

Y1 通

10994
2599
8395
120×420
120×420
120×420
120×420
3541
120×120
120×120
10994
4854
120×180
120×150
4854
1150
GL
300
15605
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y1 通

10994
2599
8395
3541
10994
4854
120×450
120×210
4854
1150
GL
300
5915
750
750
8190
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい

又 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
18289
28360
10072
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
17501
28360
10860
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
15605
28360
12755
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
19199
28360
9162
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

Y2 通

10994
2599
8395
3541
4854
1150
GL
300
120×360
120×390
120×450
5915
1500
570
1885
1640
1245
355
1400
600
495
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又 通

10994
2599
8395
3541
4854
1150
GL
300
21019
7342
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
15605
28360
12755
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
21246
28360
7114
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
22855
28360
5505
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
24975
28360
3385
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

Y3 通

10994
8395
4854
1150
GL
300
2599
3541
4854
10994
120×300
120×300
120×300
120×150
120×150
120×150
120×420
120×420
120×420
120×420
120×330
120×360
120×330
120×330
120×120
120×120
910
910
2390
1705
590
790
120
1365
1365
1365
1600
250
2245
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y3 通

10994
8395
4854
1150
GL
300
2599
3541
4854
10994
21063
7298
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい

又Y3 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23714
28360
4646
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y3 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
25430
28360
2930
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23005
28360
5355
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
21745
28360
6615
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
8395
4854
GL
300
2599
3541
4854
1150
10994
25176
28360
3184
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y4 通
10994
8395
4854
GL
300
2599
3541
4854
1150
10994
120×270
120×270
120×270
120×270
120×300
120×300
120×390
120×240
120×240
120×360
120×150
120×150
120×150
880
1395
1935
3205
20945
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい
又Y4 通
10994
2599
8395
3541
4854
4854
1150
GL
300
20641
28360
7719
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
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X11
X12
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X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y4 通
10994
2599
8395
3541
4854
4854
1150
GL
300
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい
又Y4 通
10994
2599
8395
3541
4854
4854
1150
GL
300
10994
23915
28360
4445
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通
10994
2599
8395
3541
4854
4854
1150
GL
300
10994
19853
28360
8508
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい
又Y4 通
10994
2599
8395
3541
4854
1150
GL
300
26795
28360
1565
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y4 通
10994
2599
8395
3541
4854
1150
GL
300
22733
28360
5627
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
120×210
120×120
120×120
3541
10994
120×240
120×180
4854
120×390
4854
1150
GL
300
910
1480
910
910
24150
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
27250
28360
1110
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
4854
4854
1150
GL
300
21551
28360
6809
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
4854
4854
1150
GL
300
17095
28360
11266
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
4854
1150
GL
300
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
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X18
X19
X20
X21
X22

又 通
10994
2599
8395
3541
4854
1150
GL
300
27705
28360
655
X0
X1
X2
X3
X4
X5
X6
X7
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X11
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X21
X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
4854
1150
GL
300
28360
X0
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X21
X22

又 通
10994
2599
8395
3541
4854
1150
GL
300
28360
X0
X1
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X21
X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
8395
4854
GL
300
2599
3541
4854
1150
10994
19581
28360
8780
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
8395
4854
GL
300
2599
3541
4854
1150
10994
15912
28360
12448
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい
又 通
120×150
120×330
120×240
120×180
10994
2599
8395
3541
4854
1150
GL
300
13110
220
1500
775
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又 通
10994
2599
8395
3541
4854
1150
GL
300
18671
28360
9689
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
4854
1150
GL
300
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
4854
1150
GL
300
20106
8255
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

Y5 通

10994
2599
8395
3541
4854
1150
GL
300
10994
4854
120×270
120×270
120×210
120×210
120×120
120×120
120×330
120×330
120×150
120×180
120×180
880
27480
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y5 通

10994
2599
8395
3541
4854
1150
GL
300
10994
4854
27178
28360
1182
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい
又Y5 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
20356
28360
8005
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y5 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい

又Y5 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y5 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
16515
28360
11845
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又Y5 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
120×150
120×150
120×150
120×150
120×330
120×240
120×150
120×330
120×180
13110
1140
1355
12755
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

又Y5 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
26390
1970
28360
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
4854
1150
GL
300
25602
28360
2758
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
4854
1150
GL
300
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
21131
7230
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
17290
11070
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
24026
28360
4334
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
23632
28360
4728
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

## X 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

## Y6 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
120×270
120×270
120×150
120×150
120×150
120×150
120×270
120×210
120×330
120×150
120×150
120×240
120×330
120×150
120×180
880
27480
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又Y6 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
22844
28360
5517
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又Y6 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
22056
28360
6305
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい
又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
18240
28360
10120
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
4210
24150
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
20480
28360
7881
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y7 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
120×150 120×150 120×150 120×150 120×150 120×150 120×150
120×300 120×240 120×330 120×150
120×240 120×210
120×150 120×180
120×150 120×150 120×150
880 1510 1820 1840 22310
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

## 又Y7 通

10994
2599
8395
3541
10994
4854
4854
1150
GL
300
19778
28360
8582
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

## 通

10994
2599
8395
3541
10994
120×300
120×210
4854
150×550
120×180
4854
1150
GL
300
7415
28360
20945
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
120×210
120×180
120×330
120×150
120×300
120×330
120×360
120×180
13110
2495
12755
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
17412
10948
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい

又 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
16624
28360
11737
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

Y8 通
10994
2599
8395
3541
10994
4854
4854
1150
GL
300
120×210
120×210
120×330
120×420
120×120
120×330
120×330
120×330
120×240
120×450
120×240
120×150
120×120
4210
1840
1365
910
910
2275
910
690
1585
910
463
12292
28360
X0 X1 X2 X3 X4 X5 X6 X7 X8 X9 X10 X11 X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22

凡例
梁断面
梁
面材
筋かい
Y9 通
10994
2599
8395
3541
4854
4854
1150
GL
300
120×70
120×330
120×70
120×120
120×120
475
1125
2710
920
920
28360
22310
X0
X1
X2
X3
X4
X5
X6
X7
X8
X9
X10
X11
X12
X13
X14
X15
X16
X17
X18
X19
X20
X21
X22

# 鉛直構面の水平荷重時応力図

凡例
上段：地震力による最大負担応力(kN)
下段：風圧力による最大負担応力(kN)

## ２階

# 鉛直構面の水平荷重時応力図

凡例
上段：地震力による最大負担応力(kN)
下段：風圧力による最大負担応力(kN)

## １階

# 鉛直構面の水平荷重時検定比図

図中の数値はせん断力検定値

$$検定値=\frac{MAX(地震力・風圧力)}{通りの許容せん断耐力}$$

## ２階

# 鉛直構面の水平荷重時検定比図

図中の数値はせん断力検定値

$$検定値=\frac{MAX(地震力・風圧力)}{通りの許容せん断耐力}$$

## １階

# 軸組応力図（長期荷重時）

［凡例］

bM：梁の曲げモーメント(M:)(kN・m)

bQr：梁右端のせん断力(kN)

bQl：梁左端のせん断力(kN)

pN：柱の軸力(kN)

Ｘ通

ＸＯ通り

# 軸組応力図（長期荷重時）

X１通り

X２通り

# 軸組応力図（長期荷重時）

X３通り

X４通り

# 軸組応力図（長期荷重時）

又X４通り

通り

# 軸組応力図（長期荷重時）

又通り

X５通り

# 軸組応力図（長期荷重時）

又X５通り

又X５通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

X６通り

X７通り

# 軸組応力図（長期荷重時）

又X７通り

X８通り

# 軸組応力図（長期荷重時）

X９通り

又X９通り

# 軸組応力図（長期荷重時）

X10通り

又X10通り

# 軸組応力図（長期荷重時）

又X10通り

又X10通り

# 軸組応力図（長期荷重時）

又X10通り

又X10通り

# 軸組応力図（長期荷重時）

又X11通り

又X11通り

# 軸組応力図（長期荷重時）

又X11通り

又X11通り

# 軸組応力図（長期荷重時）

又X11通り

又X11通り

# 軸組応力図（長期荷重時）

又X11通り

又X12通り

# 軸組応力図（長期荷重時）

又X12通り

又X12通り

# 軸組応力図（長期荷重時）

又X12通り

又X12通り

# 軸組応力図（長期荷重時）

又X12通り

又X13通り

# 軸組応力図（長期荷重時）

又X13通り

又X13通り

# 軸組応力図（長期荷重時）

又X14通り

又X14通り

# 軸組応力図（長期荷重時）

又X14通り

又X15通り

# 軸組応力図（長期荷重時）

又X15通り

又X15通り

# 軸組応力図（長期荷重時）

又X15通り

又X15通り

# 軸組応力図（長期荷重時）

又X16通り

又X16通り

# 軸組応力図（長期荷重時）

又X16通り

又X16通り

# 軸組応力図（長期荷重時）

又X17通り

又X17通り

# 軸組応力図（長期荷重時）

又X17通り

又X18通り

# 軸組応力図（長期荷重時）

又X18通り

又X18通り

# 軸組応力図（長期荷重時）

又X18通り

又X19通り

# 軸組応力図（長期荷重時）

又X19通り

又X19通り

# 軸組応力図（長期荷重時）

又X20通り

又X20通り

# 軸組応力図（長期荷重時）

又X21通り

又X21通り

# 軸組応力図（長期荷重時）

又X21通り

又X21通り

# 軸組応力図（長期荷重時）

又X22通り

又通り

# 軸組応力図（長期荷重時）

Ｙ通

ＹＯ通り

又ＹＯ通り

# 軸組応力図（長期荷重時）

Y１通り

又Y１通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

Y２通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

Y３通り

又Y３通り

# 軸組応力図（長期荷重時）

又Y３通り

又Y３通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

Y４通り

# 軸組応力図（長期荷重時）

又Y４通り

又Y４通り

# 軸組応力図（長期荷重時）

又Y４通り

又Y４通り

# 軸組応力図（長期荷重時）

又Y４通り

又Y４通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

Y５通り

又Y５通り

# 軸組応力図（長期荷重時）

又Y５通り

又Y５通り

# 軸組応力図（長期荷重時）

又Y５通り

又Y５通り

# 軸組応力図（長期荷重時）

又Y５通り

又Y５通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

Y６通り

# 軸組応力図（長期荷重時）

又Y６通り

又Y６通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

Ｙ７通り

# 軸組応力図（長期荷重時）

又Y７通り

通り

# 軸組応力図（長期荷重時）

又通り

又通り

# 軸組応力図（長期荷重時）

又通り

Y８通り

# 軸組応力図（長期荷重時）

Ｙ９通り

# 軸組応力図（短期荷重時）

［凡例］

bM：梁の曲げモーメント(M:)(kN・m)

bQr：梁右端のせん断力(kN)

bQl：梁左端のせん断力(kN)

pN：柱の軸力(kN)

Ｘ通

ＸＯ通り

# 軸組応力図（短期荷重時）

X１通り

X２通り

# 軸組応力図（短期荷重時）

X３通り

X４通り

# 軸組応力図（短期荷重時）

又X４通り

通り

# 軸組応力図（短期荷重時）

又通り

X５通り

# 軸組応力図（短期荷重時）

又X５通り

又X５通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

X６通り

X７通り

# 軸組応力図（短期荷重時）

又X７通り

X８通り

# 軸組応力図（短期荷重時）

X９通り

又X９通り

# 軸組応力図（短期荷重時）

X10通り

又X10通り

# 軸組応力図（短期荷重時）

又X10通り

又X10通り

# 軸組応力図（短期荷重時）

又X10通り

又X10通り

# 軸組応力図（短期荷重時）

又X11通り

又X11通り

# 軸組応力図（短期荷重時）

又X11通り

又X11通り

# 軸組応力図（短期荷重時）

又X11通り

又X11通り

# 軸組応力図（短期荷重時）

又X11通り

又X12通り

# 軸組応力図（短期荷重時）

又X12通り

又X12通り

# 軸組応力図（短期荷重時）

又X12通り

又X12通り

# 軸組応力図（短期荷重時）

又X12通り

又X13通り

# 軸組応力図（短期荷重時）

又X13通り

又X13通り

# 軸組応力図（短期荷重時）

又X14通り

又X14通り

# 軸組応力図（短期荷重時）

又X14通り

又X15通り

# 軸組応力図（短期荷重時）

又X15通り

又X15通り

# 軸組応力図（短期荷重時）

又X15通り

又X15通り

# 軸組応力図（短期荷重時）

又X16通り

又X16通り

# 軸組応力図（短期荷重時）

又X16通り

又X16通り

# 軸組応力図（短期荷重時）

又X17通り

又X17通り

# 軸組応力図（短期荷重時）

又X17通り

又X18通り

# 軸組応力図（短期荷重時）

又X18通り

又X18通り

# 軸組応力図（短期荷重時）

又X18通り

又X19通り

# 軸組応力図（短期荷重時）

又X19通り

又X19通り

# 軸組応力図（短期荷重時）

又X20通り

又X20通り

# 軸組応力図（短期荷重時）

又X21通り

又X21通り

# 軸組応力図（短期荷重時）

又X21通り

又X21通り

# 軸組応力図（短期荷重時）

又X22通り

又通り

# 軸組応力図（短期荷重時）

Ｙ通

ＹＯ通り

又ＹＯ通り

# 軸組応力図（短期荷重時）

Y１通り

又Y１通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

Y２通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

Y３通り

又Y３通り

# 軸組応力図（短期荷重時）

又Y３通り

又Y３通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

Y４通り

# 軸組応力図（短期荷重時）

又Y４通り

又Y４通り

# 軸組応力図（短期荷重時）

又Y４通り

又Y４通り

# 軸組応力図（短期荷重時）

又Y４通り

又Y４通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

Y５通り

又Y５通り

# 軸組応力図（短期荷重時）

又Y５通り

又Y５通り

# 軸組応力図（短期荷重時）

又Y５通り

又Y５通り

# 軸組応力図（短期荷重時）

又Y５通り

又Y５通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

Y６通り

# 軸組応力図（短期荷重時）

又Y６通り

又Y６通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

Ｙ７通り

# 軸組応力図（短期荷重時）

又Y７通り

通り

# 軸組応力図（短期荷重時）

又通り

又通り

# 軸組応力図（短期荷重時）

又通り

Y８通り

# 軸組応力図（短期荷重時）

Ｙ９通り

# 軸組断面検定比図（長期荷重時）

［凡例］

bM：梁の曲げモーメント検定値(M:)

bQr：梁右端のせん断力検定値

bQl：梁左端のせん断力検定値

pN：柱の軸力検定値

Ｘ通

ＸＯ通り

# 軸組断面検定比図（長期荷重時）

X１通り

X２通り

# 軸組断面検定比図（長期荷重時）

X３通り

X４通り

# 軸組断面検定比図（長期荷重時）

又X４通り

通り

# 軸組断面検定比図（長期荷重時）

又通り

X５通り

# 軸組断面検定比図（長期荷重時）

又X５通り

又X５通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

X６通り

X７通り

# 軸組断面検定比図（長期荷重時）

又X７通り

X８通り

# 軸組断面検定比図（長期荷重時）

X９通り

又X９通り

# 軸組断面検定比図（長期荷重時）

X10通り

又X10通り

# 軸組断面検定比図（長期荷重時）

又X10通り

又X10通り

# 軸組断面検定比図（長期荷重時）

又X10通り

又X10通り

# 軸組断面検定比図（長期荷重時）

又X11通り

又X11通り

# 軸組断面検定比図（長期荷重時）

又X11通り

又X11通り

# 軸組断面検定比図（長期荷重時）

又X11通り

又X11通り

# 軸組断面検定比図（長期荷重時）

又X11通り

又X12通り

# 軸組断面検定比図（長期荷重時）

又X12通り

又X12通り

# 軸組断面検定比図（長期荷重時）

又X12通り

又X12通り

# 軸組断面検定比図（長期荷重時）

又X12通り

又X13通り

# 軸組断面検定比図（長期荷重時）

又X13通り

又X13通り

# 軸組断面検定比図（長期荷重時）

又X14通り

又X14通り

# 軸組断面検定比図（長期荷重時）

又X14通り

又X15通り

# 軸組断面検定比図（長期荷重時）

又X15通り

又X15通り

# 軸組断面検定比図（長期荷重時）

又X15通り

又X15通り

# 軸組断面検定比図（長期荷重時）

又X16通り

又X16通り

# 軸組断面検定比図（長期荷重時）

又X16通り

又X16通り

# 軸組断面検定比図（長期荷重時）

又X17通り

又X17通り

# 軸組断面検定比図（長期荷重時）

又X17通り

又X18通り

# 軸組断面検定比図（長期荷重時）

又X18通り

又X18通り

# 軸組断面検定比図（長期荷重時）

又X18通り

又X19通り

# 軸組断面検定比図（長期荷重時）

又X19通り

又X19通り

# 軸組断面検定比図（長期荷重時）

又X20通り

又X20通り

# 軸組断面検定比図（長期荷重時）

又X21通り

又X21通り

# 軸組断面検定比図（長期荷重時）

又X21通り

又X21通り

# 軸組断面検定比図（長期荷重時）

又X22通り

又通り

# 軸組断面検定比図（長期荷重時）

Ｙ通

ＹＯ通り

又ＹＯ通り

# 軸組断面検定比図（長期荷重時）

Y１通り

又Y１通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

Y２通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

Y３通り

又Y３通り

# 軸組断面検定比図（長期荷重時）

又Y３通り

又Y３通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

Y４通り

# 軸組断面検定比図（長期荷重時）

又Y４通り

又Y４通り

# 軸組断面検定比図（長期荷重時）

又Y４通り

又Y４通り

# 軸組断面検定比図（長期荷重時）

又Y４通り

又Y４通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

Y５通り

又Y５通り

# 軸組断面検定比図（長期荷重時）

又Y５通り

又Y５通り

# 軸組断面検定比図（長期荷重時）

又Y５通り

又Y５通り

# 軸組断面検定比図（長期荷重時）

又Y５通り

又Y５通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

Y６通り

# 軸組断面検定比図（長期荷重時）

又Y６通り

又Y６通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

Ｙ７通り

# 軸組断面検定比図（長期荷重時）

又Y７通り

通り

# 軸組断面検定比図（長期荷重時）

又通り

又通り

# 軸組断面検定比図（長期荷重時）

又通り

Y８通り

# 軸組断面検定比図（長期荷重時）

Ｙ９通り

# 軸組断面検定比図（短期荷重時）

［凡例］

bM：梁の曲げモーメント検定値(M:)

bQr：梁右端のせん断力検定値

bQl：梁左端のせん断力検定値

pN：柱の軸力検定値

Ｘ通

ＸＯ通り

# 軸組断面検定比図（短期荷重時）

X１通り

X２通り

# 軸組断面検定比図（短期荷重時）

X３通り

X４通り

# 軸組断面検定比図（短期荷重時）

又X４通り

通り

# 軸組断面検定比図（短期荷重時）

又通り

X５通り

# 軸組断面検定比図（短期荷重時）

又X５通り

又X５通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

X６通り

X７通り

# 軸組断面検定比図（短期荷重時）

又X７通り

X８通り

# 軸組断面検定比図（短期荷重時）

X９通り

又X９通り

# 軸組断面検定比図（短期荷重時）

X10通り

又X10通り

# 軸組断面検定比図（短期荷重時）

又X10通り

又X10通り

# 軸組断面検定比図（短期荷重時）

又X10通り

又X10通り

# 軸組断面検定比図（短期荷重時）

又X11通り

又X11通り

# 軸組断面検定比図（短期荷重時）

又X11通り

又X11通り

# 軸組断面検定比図（短期荷重時）

又X11通り

又X11通り

# 軸組断面検定比図（短期荷重時）

又X11通り

又X12通り

# 軸組断面検定比図（短期荷重時）

又X12通り

又X12通り

# 軸組断面検定比図（短期荷重時）

又X12通り

又X12通り

# 軸組断面検定比図（短期荷重時）

又X12通り

又X13通り

# 軸組断面検定比図（短期荷重時）

又X13通り

又X13通り

# 軸組断面検定比図（短期荷重時）

又X14通り

又X14通り

# 軸組断面検定比図（短期荷重時）

又X14通り

又X15通り

# 軸組断面検定比図（短期荷重時）

又X15通り

又X15通り

# 軸組断面検定比図（短期荷重時）

又X15通り

又X15通り

# 軸組断面検定比図（短期荷重時）

又X16通り

又X16通り

# 軸組断面検定比図（短期荷重時）

又X16通り

又X16通り

# 軸組断面検定比図（短期荷重時）

又X17通り

又X17通り

# 軸組断面検定比図（短期荷重時）

又X17通り

又X18通り

# 軸組断面検定比図（短期荷重時）

又X18通り

又X18通り

# 軸組断面検定比図（短期荷重時）

又X18通り

又X19通り

# 軸組断面検定比図（短期荷重時）

又X19通り

又X19通り

# 軸組断面検定比図（短期荷重時）

又X20通り

又X20通り

# 軸組断面検定比図（短期荷重時）

又X21通り

又X21通り

# 軸組断面検定比図（短期荷重時）

又X21通り

又X21通り

# 軸組断面検定比図（短期荷重時）

又X22通り

又通り

# 軸組断面検定比図（短期荷重時）

Ｙ通

ＹＯ通り

又ＹＯ通り

# 軸組断面検定比図（短期荷重時）

Y１通り

又Y１通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

Y２通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

Y３通り

又Y３通り

# 軸組断面検定比図（短期荷重時）

又Y３通り

又Y３通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

Y４通り

# 軸組断面検定比図（短期荷重時）

又Y４通り

又Y４通り

# 軸組断面検定比図（短期荷重時）

又Y４通り

又Y４通り

# 軸組断面検定比図（短期荷重時）

又Y４通り

又Y４通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

Y５通り

又Y５通り

# 軸組断面検定比図（短期荷重時）

又Y５通り

又Y５通り

# 軸組断面検定比図（短期荷重時）

又Y５通り

又Y５通り

# 軸組断面検定比図（短期荷重時）

又Y５通り

又Y５通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

Y６通り

# 軸組断面検定比図（短期荷重時）

又Y６通り

又Y６通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

Ｙ７通り

# 軸組断面検定比図（短期荷重時）

又Y７通り

通り

# 軸組断面検定比図（短期荷重時）

又通り

又通り

# 軸組断面検定比図（短期荷重時）

又通り

Y８通り

# 軸組断面検定比図（短期荷重時）

Ｙ９通り

# 断面検定表

## (1) 柱

[使用記号]

NL：長期軸力(kN)
NS：短期軸力(kN)
　(S：積雪による軸力 K：水平力による軸力)
λ：有効細長比
fkL：長期座屈許容応力度(N/mm²)
fkS：短期座屈許容応力度(N/mm²)
NkL：座屈からきまる長期許容軸力(kN)
NkS：座屈からきまる短期許容軸力(kN)
VτT：柱頭の引張力(kN)
VτB：柱脚の引張力(kN)
Q：耐力壁より算定した柱のせん断力(kN)(金物工法のみ)
VaT：柱頭接合部の短期許容引張耐力(kN)
VaB：柱脚接合部の短期許容引張耐力(kN)
Qa：柱頭柱脚接合部の短期許容せん断耐力(kN)(金物工法のみ)
w：風圧力による曲げ荷重(kN/m)
N：短期曲げ検討時の短期軸力(kN)
M：短期曲げモーメント(kN・m)
Na：短期許容軸力(kN)
Ma：短期許容曲げモーメント(kN・m)
NmL：柱の長期軸力(kN)
NmS：柱の短期軸力(kN)
NmaL：柱の長期許容めり込み軸力(kN)
NmaS：柱の短期許容めり込み軸力(kN)

※1　木材の基準強度および許容応力度は計算書「使用材料及び許容応力度の木材」を参照
※2　接合部の仕様は計算書「使用材料及び許容応力度の柱頭・柱脚金物仕様」を参照
※3　詳細計算法で●のあるVaは直交壁金物の耐力が加算されています。

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | XO<br>Y1 | 欧州赤松集成材<br>120×120 | 1.39<br>10.76(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>11.10 | —<br>HDP-15 | —<br>16.10 | —<br>OK | 0.438 | 1.39<br>0.687 | 77.45<br>6.359 | OK | 梁<br>欧州赤松集成材 | 1.39<br>8.89 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.03<br>0.14 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.69 | | 検定値 | | 0.13 | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.19 | |
| | 又X1<br>Y1 | 欧州赤松集成材<br>120×120 | 1.78<br>20.17(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 4.29<br>4.29 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 0.941 | 1.78<br>1.146 | 107.65<br>6.359 | OK | 梁<br>欧州赤松集成材 | 1.78<br>10.98 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.03<br>0.19 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.27<br>0.63 | | 検定値 | | 0.20 | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.23 | |
| | 又<br>Y1 | 欧州赤松集成材<br>120×120 | 7.42<br>35.18(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 6.47<br>6.47 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 1.818 | 7.42<br>2.213 | 107.65<br>6.359 | OK | 梁<br>欧州赤松集成材 | 7.42<br>11.30 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.13<br>0.33 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.40<br>0.77 | | 検定値 | | 0.42 | | 検定値(長期)<br>検定値(短期) | | 0.29<br>0.45 | |
| | 又X3<br>Y1 | 欧州赤松集成材<br>120×120 | 8.84<br>11.80(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>-8.84 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 2.629 | 8.84<br>4.120 | 77.45<br>6.359 | OK | 梁<br>欧州赤松集成材 | 8.84<br>11.80 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.21<br>0.19 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | 検定値 | | 0.76 | | 検定値(長期)<br>検定値(短期) | | 0.34<br>0.31 | |
| | X5<br>Y1 | 欧州赤松集成材<br>120×120 | 4.61<br>29.59(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>7.89 | —<br>HDP-15 | —<br>16.10 | —<br>OK | 1.753 | 4.61<br>2.747 | 77.45<br>6.359 | OK | 梁<br>欧州赤松集成材 | 4.61<br>17.10 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.11<br>0.38 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.81 | | 検定値 | | 0.49 | | 検定値(長期)<br>検定値(短期) | | 0.18<br>0.36 | |
| | Y1 | 欧州赤松集成材<br>120×120 | 1.78<br>16.35(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 2.04<br>2.04 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.941 | 1.78<br>1.146 | 107.65<br>6.359 | OK | 梁<br>欧州赤松集成材 | 1.78<br>9.07 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.03<br>0.15 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.20<br>0.52 | | 検定値 | | 0.20 | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.19 | |
| | 又<br>Y1 | 欧州赤松集成材<br>120×120 | 7.42<br>17.83(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 1.26<br>1.26 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 1.818 | 7.42<br>2.213 | 107.65<br>6.359 | OK | 梁<br>欧州赤松集成材 | 7.42<br>12.62 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.13<br>0.17 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.08<br>0.08 | | 検定値 | | 0.42 | | 検定値(長期)<br>検定値(短期) | | 0.29<br>0.27 | |
| | 又X6<br>Y1 | 欧州赤松集成材<br>120×120 | 8.04<br>10.76(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>-8.04 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 2.345 | 8.04<br>3.675 | 77.45<br>6.359 | OK | 梁<br>欧州赤松集成材 | 8.04<br>10.76 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.19<br>0.17 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | 検定値 | | 0.68 | | 検定値(長期)<br>検定値(短期) | | 0.31<br>0.29 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又<br>Y1 | 欧州赤松集成材<br>120×120 | 5.60<br>22.95(K) | 90.1 | 4.11<br>7.48<br>検定値(長期)<br>検定値(短期) | 59.21<br>107.65<br>0.09<br>0.21 | OK | -0.39<br>-0.39<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.48 | OK<br>OK | 1.688 | 5.60<br>2.055<br>検定値 | 107.65<br>6.359<br>0.38 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 5.60<br>4.28<br>0.22<br>0.30 | 25.91<br>47.10 | OK |
| | X9<br>Y1 | 欧州赤松集成材<br>120×120 | 2.70<br>13.11(K) | 102.2 | 2.96<br>5.38<br>検定値(長期)<br>検定値(短期) | 42.60<br>77.45<br>0.06<br>0.17 | OK | —<br>11.18<br>検定値(柱頭)<br>検定値(柱脚) | —<br>HDP-15 | —<br>16.10<br>—<br>0.69 | —<br>OK | 0.657 | 2.70<br>1.030<br>検定値 | 77.45<br>6.359<br>0.20 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 2.70<br>1.03<br>0.10<br>0.23 | 25.91<br>47.10 | OK |
| | 又X11<br>又Y1 | 欧州赤松集成材<br>120×120 | 0.21<br>0.21(S) | 85.6 | 4.57<br>6.65<br>検定値(長期)<br>検定値(短期) | 65.84<br>95.77<br>0.00<br>0.00 | OK | -0.21<br>-0.21<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 0.21<br>0.21<br>0.01<br>0.01 | 20.72<br>30.14 | OK |
| | X0<br>又Y1 | 欧州赤松集成材<br>120×120 | 1.93<br>19.28(K) | 95.3 | 3.58<br>6.50<br>検定値(長期)<br>検定値(短期) | 51.50<br>93.63<br>0.04<br>0.21 | OK | 3.28<br>3.28<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.32<br>0.80 | OK<br>OK | 1.004 | 1.93<br>1.367<br>検定値 | 93.63<br>6.359<br>0.24 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.93<br>1.60<br>0.07<br>0.23 | 25.91<br>47.10 | OK |
| | X5<br>又Y1 | 欧州赤松集成材<br>120×120 | 2.02<br>12.43(K) | 95.3 | 3.58<br>6.50<br>検定値(長期)<br>検定値(短期) | 51.50<br>93.63<br>0.04<br>0.13 | OK | 6.65<br>6.65<br>検定値(柱頭)<br>検定値(柱脚) | HDP-20<br>HDP-20 | 22.20<br>22.20<br>0.54<br>0.30 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 2.02<br>7.23<br>0.08<br>0.15 | 25.91<br>47.10 | OK |
| | X9<br>又Y1 | 欧州赤松集成材<br>120×120 | 1.24<br>10.61(K) | 90.1 | 4.11<br>7.48<br>検定値(長期)<br>検定値(短期) | 59.21<br>107.65<br>0.02<br>0.10 | OK | 6.57<br>6.57<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.64<br>0.64 | OK<br>OK | 0.785 | 1.24<br>0.956<br>検定値 | 107.65<br>6.359<br>0.16 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.24<br>5.93<br>0.05<br>0.13 | 25.91<br>47.10 | OK |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 1.22<br>1.22(S) | 85.6 | 4.57<br>6.65<br>検定値(長期)<br>検定値(短期) | 65.84<br>95.77<br>0.02<br>0.01 | OK | -1.22<br>-1.22<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.22<br>1.22<br>0.05<br>0.03 | 25.91<br>37.68 | OK |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 2.33<br>8.58(K) | 90.1 | 4.11<br>7.48<br>検定値(長期)<br>検定値(短期) | 59.21<br>107.65<br>0.04<br>0.08 | OK | -2.33<br>-2.33<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.32 | OK<br>OK | 0.876 | 2.33<br>1.067<br>検定値 | 107.65<br>6.359<br>0.19 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 2.33<br>5.46<br>0.09<br>0.12 | 25.91<br>47.10 | OK |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 2.61<br>3.01(S) | 95.3 | 3.58<br>5.20<br>検定値(長期)<br>検定値(短期) | 51.50<br>74.90<br>0.05<br>0.04 | OK | 0.86<br>0.86<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-CC | 10.30<br>9.20<br>0.56<br>0.09 | OK<br>OK | 1.095 | 2.61<br>1.492<br>検定値 | 93.63<br>6.359<br>0.26 | OK | —<br>—<br>検定値(長期)<br>検定値(短期) | —<br>—<br>— | —<br>—<br>— | — |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 3.03<br>9.42(K) | 90.1 | 4.11<br>7.48<br>検定値(長期)<br>検定値(短期) | 59.21<br>107.65<br>0.05<br>0.09 | OK | 0.16<br>2.08<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.02<br>0.20 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 3.03<br>8.14<br>0.12<br>0.17 | 25.91<br>47.10 | OK |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 1.90<br>19.26(K) | 95.3 | 3.58<br>6.50<br>検定値(長期)<br>検定値(短期) | 51.50<br>93.63<br>0.04<br>0.21 | OK | 3.30<br>3.30<br>検定値(柱頭)<br>検定値(柱脚) | HDP-20<br>HDP-20 | 22.20<br>22.20<br>0.15<br>0.79 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.90<br>10.58<br>0.07<br>0.22 | 25.91<br>47.10 | OK |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 5.26<br>14.63(K) | 90.1 | 4.11<br>7.48<br>検定値(長期)<br>検定値(短期) | 59.21<br>107.65<br>0.09<br>0.14 | OK | 2.55<br>2.55<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.25<br>0.25 | OK<br>OK | 1.866 | 5.26<br>2.272<br>検定値 | 107.65<br>6.359<br>0.41 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 5.26<br>9.95<br>0.20<br>0.21 | 25.91<br>47.10 | OK |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 3.33<br>18.39(K) | 90.1 | 4.11<br>7.48<br>検定値(長期)<br>検定値(短期) | 59.21<br>107.65<br>0.06<br>0.17 | OK | 3.89<br>3.89<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.38<br>0.61 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 3.33<br>15.38<br>0.13<br>0.33 | 25.91<br>47.10 | OK |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 2.23<br>17.29(K) | 95.3 | 3.58<br>6.50<br>検定値(長期)<br>検定値(短期) | 51.50<br>93.63<br>0.04<br>0.18 | OK | 9.82<br>9.82<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.95<br>0.95 | OK<br>OK | —<br>検定値 | —<br>—<br>— | —<br>—<br>— | — | —<br>—<br>検定値(長期)<br>検定値(短期) | —<br>—<br>— | —<br>—<br>— | — |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 3.30<br>20.65(K) | 95.3 | 3.58<br>6.50<br>検定値(長期)<br>検定値(短期) | 51.50<br>93.63<br>0.06<br>0.22 | OK | 5.38<br>5.38<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.52<br>0.52 | OK<br>OK | 1.314 | 3.30<br>1.790<br>検定値 | 93.63<br>6.359<br>0.32 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 3.30<br>11.97<br>0.13<br>0.25 | 25.91<br>47.10 | OK |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | X5<br>又 | 欧州赤松集成材<br>120×120 | 2.36<br>19.71(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 2.85<br>2.85 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.36<br>1.03 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.21 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.13<br>0.77 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.09<br>0.23 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 8.29<br>13.49(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | -1.34<br>-1.34 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 8.29<br>2.45 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.14<br>0.13 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.05 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.32<br>0.26 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 3.65<br>18.71(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 3.57<br>3.57 | HDP-10<br>HDP-20 | 10.30<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.65<br>5.69 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.20 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.35<br>0.57 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.14<br>0.33 | |
| | X0<br>Y2 | 欧州赤松集成材<br>120×120 | 5.01<br>5.69(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>— | —<br>— | —<br>— | —<br>— | 1.753<br>2.747 | 5.01<br>6.359 | 77.45<br>6.359 | OK | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.12<br>0.09 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | | 検定値 | 0.50 | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | X5<br>Y2 | 欧州赤松集成材<br>120×120 | 3.51<br>4.51(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -0.04<br>-0.04 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.51<br>4.51 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.06 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.87<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.14<br>0.12 | |
| | X9<br>Y2 | 欧州赤松集成材<br>120×120 | 9.64<br>20.05(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | -0.96<br>-0.96 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.16<br>0.19 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.48<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 4.03<br>12.70(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>0.14 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.03<br>0.97 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.09<br>0.16 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.09 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.16<br>0.23 | |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 0.54<br>0.92(S) | 121.4 | 2.10<br>3.05 | 30.19<br>43.91 | OK | -0.54<br>— | HDP-10<br>— | 10.30<br>— | OK<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.02<br>0.02 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 3.28<br>10.22(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | -3.28<br>-3.28 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.28<br>6.75 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.06<br>0.09 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.48 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.13<br>0.14 | |
| | X0 | 欧州赤松集成材<br>120×120 | 3.91<br>21.26(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 4.77<br>4.77 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.314<br>1.790 | 3.91<br>6.359 | 93.63<br>6.359 | OK | 梁<br>欧州赤松集成材 | 3.91<br>2.58 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.23 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.46<br>0.46 | | | 検定値 | 0.32 | | | 検定値(長期)<br>検定値(短期) | 0.15<br>0.27 | |
| | 又 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 0.00<br>0.00 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.00<br>0.00 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | |
| | X3 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 0.00<br>0.00 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.00<br>0.00 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | |
| | X5 | 欧州赤松集成材<br>120×120 | 2.53<br>19.88(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 2.67<br>2.67 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.53<br>1.21 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.21 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.12<br>0.76 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.10<br>0.24 | |
| | 又 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 0.00<br>0.00 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.00<br>0.00 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | |
| | | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 0.00<br>0.00 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.00<br>0.00 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 3.19<br>8.39(K) | 117.4 | 2.24<br>4.08 | 32.28<br>58.68 | OK | 1.15<br>3.75 | HDP-10<br>HDP-15 | 10.30<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.19<br>7.35 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.10<br>0.14 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.11<br>0.23 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.12<br>0.16 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 4.42<br>13.44(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 7.63<br>7.63 | HDP-10<br>HDP-15 | 10.30<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.42<br>1.63 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.09<br>0.14 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.74<br>0.89 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.17<br>0.25 | |
| | X0<br>Y3 | 欧州赤松集成材<br>120×120 | 3.93<br>21.28(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.09<br>0.27 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 4.72<br>22.07(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 0.49<br>0.49 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.72<br>3.39 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.08<br>0.21 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.05<br>0.68 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.18<br>0.28 | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 3.32<br>20.68(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 1.88<br>1.88 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.32<br>2.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.06<br>0.19 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.18<br>0.82 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.13<br>0.25 | |
| | X3<br>Y3 | 欧州赤松集成材<br>120×120 | 8.43<br>18.84(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.20<br>0.24 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X4<br>Y3 | 欧州赤松集成材<br>120×120 | 4.48<br>6.09(S) | 90.1 | 4.11<br>5.98 | 59.21<br>86.12 | OK | -4.48<br>-4.48 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.48<br>6.09 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.08<br>0.07 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.17<br>0.16 | |
| | X5<br>Y3 | 欧州赤松集成材<br>120×120 | 3.22<br>20.57(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.08<br>0.27 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 3.20<br>13.61(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 5.48<br>5.48 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.20<br>8.41 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.05<br>0.13 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.82<br>0.70 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.12<br>0.18 | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 5.31<br>7.48(S) | 90.1 | 4.11<br>5.98 | 59.21<br>86.12 | OK | -5.31<br>-5.31 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 5.31<br>7.48 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.09<br>0.09 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.64<br>0.64 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.21<br>0.20 | |
| | 又X6<br>Y3 | 欧州赤松集成材<br>120×120 | 7.75<br>35.52(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>6.13 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 7.75<br>1.64 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.18<br>0.46 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.91 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.30<br>0.46 | |
| | 又X7<br>Y3 | 欧州赤松集成材<br>120×120 | 7.20<br>10.10(S) | 90.1 | 4.11<br>5.98 | 59.21<br>86.12 | OK | -7.20<br>-7.20 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 7.20<br>10.10 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.12<br>0.12 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.28<br>0.27 | |
| | X9<br>Y3 | 欧州赤松集成材<br>120×120 | 11.63<br>22.04(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>-2.95 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.27<br>0.28 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X17<br>又Y3 | 欧州赤松集成材<br>120×120 | 3.40<br>18.46(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | OK | 3.82<br>3.82 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.40<br>5.45 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.07<br>0.21 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.37<br>0.66 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.13<br>0.33 | |
| | X0<br>又Y3 | 欧州赤松集成材<br>120×120 | 3.81<br>4.16(S) | 93.6 | 3.76<br>5.46 | 54.07<br>78.64 | OK | -3.81<br>-3.81 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.095 | 3.81<br>1.438 | 98.30<br>6.359 | OK | 梁<br>欧州赤松集成材 | 3.81<br>4.16 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.07<br>0.05 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | 0.26 | | | 検定値(長期)<br>検定値(短期) | 0.15<br>0.11 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 4.17<br>9.37(K) | 117.4 | 2.24<br>4.08 | 32.28<br>58.68 | OK | 2.77<br>2.77 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.17<br>8.33 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.13<br>0.16 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.27<br>0.33 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.16<br>0.18 | |
| | 又X20<br>又 | 欧州赤松集成材<br>120×120 | 4.15<br>19.21(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | OK | 3.07<br>— | HDP-20<br>— | 22.20<br>— | OK<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.21 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.14<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 3.02<br>18.08(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 1.49<br>— | HDP-10<br>— | 10.30<br>— | OK<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.17 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.14<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 0.96<br>0.96(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -0.96<br>-0.96 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.96<br>0.96 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.02<br>0.01 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.03 | |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 3.30<br>4.42(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | OK | -3.30<br>-3.30 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.30<br>4.42 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.06 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.13<br>0.12 | |
| | X0<br>Y4 | 欧州赤松集成材<br>120×120 | 10.54<br>20.95(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>-1.17 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 1.341<br>2.102 | 10.54<br>6.359 | 77.45 | OK | 梁<br>欧州赤松集成材 | 10.54<br>5.74 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.25<br>0.27 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | | 検定値 | 0.47 | | | 検定値(長期)<br>検定値(短期) | 0.41<br>0.33 | |
| | X2<br>Y4 | 欧州赤松集成材<br>120×120 | 4.59<br>5.01(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>-3.95 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.59<br>5.01 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.11<br>0.08 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.18<br>0.13 | |
| | X3<br>Y4 | 欧州赤松集成材<br>120×120 | 4.22<br>4.79(S) | 93.6 | 3.76<br>5.46 | 54.07<br>78.64 | OK | -3.93<br>-3.93 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.06 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | Y4 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 13.9 | 10.30<br>18.73 | 148.37<br>269.76 | OK | 0.00<br>0.00 | HDP-10<br>HDP-20 | 10.30<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.00<br>0.00 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | |
| | Y4 | 欧州赤松集成材<br>120×120 | 6.74<br>8.26(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | OK | -5.86<br>-5.86 | HDP-20<br>HDP-10 | 22.20<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 6.74<br>8.26 | 20.72<br>30.14 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.07 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.33<br>0.27 | |
| | 又X4<br>Y4 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 13.9 | 10.30<br>18.73 | 148.37<br>269.76 | OK | 0.00<br>0.00 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.00<br>0.00 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.00<br>0.00 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | |
| | 又X4<br>Y4 | 欧州赤松集成材<br>120×120 | 2.07<br>2.07(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | OK | -1.68<br>-1.68 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.07<br>2.07 | 20.72<br>30.14 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.03<br>0.02 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.10<br>0.07 | |
| | X5<br>Y4 | 欧州赤松集成材<br>150×180 | 7.78<br>21.90(K) | 66.5 | 5.40<br>9.82 | 145.82<br>265.13 | OK | —<br>-3.02 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.08 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.64 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X14<br>又Y4 | 欧州赤松集成材<br>120×120 | 6.30<br>30.31(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 5.71<br>5.71 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 6.30<br>8.30 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.11<br>0.28 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.62<br>0.97 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.24<br>0.39 | |
| | 又X12<br>又Y4 | 欧州赤松集成材<br>120×120 | 0.53<br>0.53(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -0.53<br>-0.53 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.53<br>0.53 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.01<br>0.01 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又X21<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.42<br>5.66(S) | 102.2 | 2.96<br>4.30<br>検定値(長期)<br>検定値(短期) | 42.60<br>61.96<br>0.10<br>0.09 | OK | −<br>−4.42 | −<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | −<br>10.30<br>−<br>0.00 | −<br>OK | 1.518 | 4.42<br>2.379<br>検定値 | 77.45<br>6.359<br>0.43 | OK | 梁<br>欧州赤松集成材 | 4.42<br>5.66<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.17<br>0.15 | OK |
| | X2<br>又Y4 | 欧州赤松集成材<br>120×120 | 2.51<br>2.51(S) | 96.2 | 3.49<br>5.07<br>検定値(長期)<br>検定値(短期) | 50.21<br>73.03<br>0.05<br>0.03 | OK | −1.81<br>−1.81 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 2.51<br>2.51<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.10<br>0.07 | OK |
| | X3<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.15<br>4.15(S) | 93.6 | 3.76<br>5.46<br>検定値(長期)<br>検定値(短期) | 54.07<br>78.64<br>0.08<br>0.05 | OK | −3.22<br>−3.22 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 4.15<br>4.15<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.16<br>0.11 | OK |
| | 又X16<br>又Y4 | 欧州赤松集成材<br>120×120 | 4.31<br>12.99(K) | 96.2 | 3.49<br>6.34<br>検定値(長期)<br>検定値(短期) | 50.21<br>91.29<br>0.09<br>0.14 | OK | 0.03<br>0.03 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | −<br>−<br>検定値(長期)<br>検定値(短期) | −<br>−<br>−<br>− | − − | |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 7.17<br>21.05(K) | 102.2 | 2.96<br>5.38<br>検定値(長期)<br>検定値(短期) | 42.60<br>77.45<br>0.17<br>0.27 | OK | −<br>−0.23 | −<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | −<br>10.30<br>−<br>0.08 | −<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 7.17<br>14.11<br>検定値(長期)<br>検定値(短期) | 25.91<br>47.10<br>0.28<br>0.30 | OK |
| | 又X4<br>又 | 欧州赤松集成材<br>120×120 | 1.22<br>1.22(S) | 78.8 | 5.27<br>7.67<br>検定値(長期)<br>検定値(短期) | 75.95<br>110.48<br>0.02<br>0.01 | OK | −0.77<br>−0.77 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 1.22<br>1.22<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.05<br>0.03 | OK |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 7.34<br>24.69(K) | 102.2 | 2.96<br>5.38<br>検定値(長期)<br>検定値(短期) | 42.60<br>77.45<br>0.17<br>0.32 | OK | −<br>1.34 | −<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | −<br>10.30<br>−<br>0.13 | −<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 7.34<br>16.01<br>検定値(長期)<br>検定値(短期) | 25.91<br>47.10<br>0.28<br>0.34 | OK |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 1.38<br>36.08(K) | 97.0 | 3.40<br>6.18<br>検定値(長期)<br>検定値(短期) | 48.93<br>88.96<br>0.03<br>0.41 | OK | 15.98<br>15.98 | HDP-20<br>HDP-20<br>検定値(柱頭)<br>検定値(柱脚) | 22.20<br>22.20<br>0.72<br>0.72 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 1.38<br>18.73<br>検定値(長期)<br>検定値(短期) | 25.91<br>47.10<br>0.05<br>0.40 | OK |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 7.74<br>25.10(K) | 102.2 | 2.96<br>5.38<br>検定値(長期)<br>検定値(短期) | 42.60<br>77.45<br>0.18<br>0.32 | OK | −<br>0.93 | −<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | −<br>10.30<br>−<br>0.09 | −<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 7.74<br>16.42<br>検定値(長期)<br>検定値(短期) | 25.91<br>47.10<br>0.30<br>0.35 | OK |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 8.31<br>17.20(K) | 74.5 | 5.72<br>10.40<br>検定値(長期)<br>検定値(短期) | 82.38<br>149.78<br>0.10<br>0.11 | OK | −7.10<br>−7.10 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.54 | OK<br>OK | 1.314 | 8.31<br>1.094<br>検定値 | 149.78<br>6.359<br>0.23 | OK | −<br>−<br>検定値(長期)<br>検定値(短期) | −<br>−<br>−<br>− | − − | |
| | 又X1<br>又 | 欧州赤松集成材<br>120×120 | 2.05<br>2.05(S) | 77.1 | 5.45<br>7.93<br>検定値(長期)<br>検定値(短期) | 78.52<br>114.21<br>0.03<br>0.02 | OK | −1.69<br>−1.69 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 2.05<br>2.05<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.08<br>0.05 | OK |
| | 又<br>又 | 欧州赤松集成材<br>120×120 | 2.05<br>2.05(S) | 77.1 | 5.45<br>7.93<br>検定値(長期)<br>検定値(短期) | 78.52<br>114.21<br>0.03<br>0.02 | OK | −1.69<br>−1.69 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 2.05<br>2.05<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.08<br>0.05 | OK |
| | X2<br>又 | 欧州赤松集成材<br>120×120 | 6.16<br>28.75(K) | 77.1 | 5.45<br>9.91<br>検定値(長期)<br>検定値(短期) | 78.52<br>142.77<br>0.08<br>0.20 | OK | 6.31<br>6.31 | HDP-15<br>HDP-15<br>検定値(柱頭)<br>検定値(柱脚) | 16.10<br>16.10<br>0.46<br>0.93 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 6.16<br>17.46<br>検定値(長期)<br>検定値(短期) | 25.91<br>47.10<br>0.24<br>0.37 | OK |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 3.51<br>4.79(S) | 96.2 | 3.49<br>5.07<br>検定値(長期)<br>検定値(短期) | 50.21<br>73.03<br>0.07<br>0.07 | OK | −3.51<br>−3.51 | HDP-15<br>HDP-15<br>検定値(柱頭)<br>検定値(柱脚) | 16.10<br>16.10<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 3.51<br>4.79<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.14<br>0.13 | OK |
| | | 欧州赤松集成材<br>120×120 | 6.06<br>7.17(S) | 77.1 | 5.45<br>7.93<br>検定値(長期)<br>検定値(短期) | 78.52<br>114.21<br>0.08<br>0.06 | OK | −5.03<br>−5.03 | HDP-10<br>HDP-10<br>検定値(柱頭)<br>検定値(柱脚) | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | − | −<br>−<br>検定値 | −<br>−<br>− | − | 梁<br>欧州赤松集成材 | 6.06<br>7.17<br>検定値(長期)<br>検定値(短期) | 25.91<br>37.68<br>0.23<br>0.19 | OK |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | X5 | 欧州赤松集成材<br>120×120 | 8.44<br>16.91(K) | 73.6 | 5.81<br>10.56 | 83.66<br>152.11 | OK | -0.72<br>-0.72 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 8.44<br>2.68 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.10<br>0.11 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.64<br>0.00 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.33<br>0.27 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 3.98<br>19.04(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 3.55<br>3.55 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.98<br>1.51 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.07<br>0.18 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.34<br>0.34 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.15<br>0.24 | |
| | 又X22<br>又 | 欧州赤松集成材<br>120×120 | 2.75<br>3.57(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | OK | -2.75<br>-2.75 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 0.926 | 2.75<br>1.284 | 91.29<br>6.359 | OK | 梁<br>欧州赤松集成材 | 2.75<br>3.57 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.05<br>0.05 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | 0.23 | | | 検定値(長期)<br>検定値(短期) | | 0.11<br>0.09 | |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 4.78<br>19.84(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>2.75 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.78<br>2.31 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.11<br>0.26 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.27 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.18<br>0.26 | |
| | 又X4<br>又 | 欧州赤松集成材<br>120×120 | 2.28<br>2.28(S) | 78.8 | 5.27<br>7.67 | 75.95<br>110.48 | OK | -1.44<br>-1.44 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.28<br>2.28 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.03<br>0.02 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.09<br>0.06 | |
| | 又X22<br>又 | 欧州赤松集成材<br>120×120 | 1.66<br>9.44(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | OK | 2.06<br>2.06 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.66<br>7.88 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.03<br>0.10 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.20<br>0.24 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.06<br>0.17 | |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 0.82<br>35.52(K) | 97.0 | 3.40<br>6.18 | 48.93<br>88.96 | OK | 16.53<br>16.53 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.82<br>8.17 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.02<br>0.40 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.74<br>0.74 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.03<br>0.39 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 4.66<br>11.05(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.11<br>0.14 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | —<br>— | |
| | XO | 欧州赤松集成材<br>120×120 | 7.28<br>15.75(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | OK | 1.19<br>1.19 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.175 | 7.28<br>0.978 | 149.78<br>6.359 | OK | 梁<br>欧州赤松集成材 | 7.28<br>1.51 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.09<br>0.11 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.18<br>0.12 | | 検定値 | 0.20 | | | 検定値(長期)<br>検定値(短期) | | 0.28<br>0.24 | |
| | X2 | 欧州赤松集成材<br>120×120 | 7.55<br>30.14(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | OK | 5.56<br>5.56 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 7.55<br>8.84 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.10<br>0.21 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.41<br>0.88 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.29<br>0.40 | |
| | X3 | 欧州赤松集成材<br>120×120 | 7.39<br>7.86(S) | 83.1 | 4.83<br>7.02 | 69.53<br>101.13 | OK | —<br>-5.67 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 7.39<br>7.86 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.11<br>0.08 | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.29<br>0.21 | |
| | | 欧州赤松集成材<br>120×120 | 3.11<br>3.11(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | OK | -2.45<br>-2.45 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.11<br>3.11 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.04<br>0.03 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.12<br>0.08 | |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 5.31<br>22.66(K) | 91.0 | 4.02<br>7.31 | 57.92<br>105.31 | OK | 3.37<br>3.37 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 5.31<br>3.98 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.09<br>0.22 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.33<br>0.33 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.20<br>0.30 | |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 1.15<br>1.15(S) | 97.0 | 3.40<br>4.94 | 48.93<br>71.17 | OK | -1.15<br>-1.15 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.15<br>1.15 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.02<br>0.02 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.04<br>0.03 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 5.73<br>31.76(K) | 91.8 | 3.93<br>7.15 | 56.64<br>102.97 | OK | 7.28<br>7.28 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 5.73<br>8.75 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | | 0.10<br>0.31 | | 検定値(柱頭)<br>検定値(柱脚) | | 0.71<br>0.71 | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | | 0.22<br>0.40 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又<br>又 | 欧州赤松集成材<br>120×120 | 1.75<br>10.77(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | | 検定値(長期) | | 0.04 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | — | |
| | | | | 検定値(短期) | | 0.14 | | 検定値(柱脚) | | — | | | | | | 検定値(短期) | | — | |
| | 又X20<br>又 | 欧州赤松集成材<br>120×120 | 2.05<br>2.05(S) | 97.9 | 3.31<br>4.81 | 47.64<br>69.30 | OK | -2.05<br>-2.05 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.05<br>2.05 | 25.91<br>37.68 | OK |
| | | | | 検定値(長期) | | 0.04 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.08 | |
| | | | | 検定値(短期) | | 0.03 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.05 | |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 3.18<br>18.24(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 4.35<br>4.35 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.18<br>10.71 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.06 | | 検定値(柱頭) | | 0.42 | | 検定値 | | — | | 検定値(長期) | | 0.12 | |
| | | | | 検定値(短期) | | 0.19 | | 検定値(柱脚) | | 0.42 | | | | | | 検定値(短期) | | 0.23 | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×120 | 5.69<br>26.02(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | OK | —<br>4.84 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | | 検定値(長期) | | 0.08 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | — | |
| | | | | 検定値(短期) | | 0.21 | | 検定値(柱脚) | | 0.79 | | | | | | 検定値(短期) | | — | |
| | 又X1<br>Y5 | 欧州赤松集成材<br>120×120 | 3.49<br>11.40(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | OK | 1.15<br>1.15 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.49<br>7.44 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.04 | | 検定値(柱頭) | | 0.43 | | 検定値 | | — | | 検定値(長期) | | 0.13 | |
| | | | | 検定値(短期) | | 0.08 | | 検定値(柱脚) | | 0.11 | | | | | | 検定値(短期) | | 0.16 | |
| | 又<br>Y5 | 欧州赤松集成材<br>120×120 | 4.26<br>12.17(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | OK | 0.38<br>0.38 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.26<br>8.22 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.05 | | 検定値(柱頭) | | 0.36 | | 検定値 | | — | | 検定値(長期) | | 0.16 | |
| | | | | 検定値(短期) | | 0.09 | | 検定値(柱脚) | | 0.04 | | | | | | 検定値(短期) | | 0.17 | |
| | X2<br>Y5 | 欧州赤松集成材<br>120×120 | 2.58<br>22.91(K) | 77.1 | 5.45<br>9.91 | 78.52<br>142.77 | OK | 8.23<br>8.23 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.58<br>12.75 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.03 | | 検定値(柱頭) | | 0.37 | | 検定値 | | — | | 検定値(長期) | | 0.10 | |
| | | | | 検定値(短期) | | 0.16 | | 検定値(柱脚) | | 0.69 | | | | | | 検定値(短期) | | 0.27 | |
| | Y5 | 欧州赤松集成材<br>120×120 | 5.89<br>7.40(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | OK | -5.10<br>-5.10 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 5.89<br>7.40 | 25.91<br>37.68 | OK |
| | | | | 検定値(長期) | | 0.08 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.23 | |
| | | | | 検定値(短期) | | 0.06 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.20 | |
| | 又X4<br>Y5 | 欧州赤松集成材<br>120×120 | 1.96<br>1.96(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | OK | -1.23<br>-1.23 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.96<br>1.96 | 25.91<br>37.68 | OK |
| | | | | 検定値(長期) | | 0.02 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.08 | |
| | | | | 検定値(短期) | | 0.02 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.05 | |
| | X5<br>Y5 | 欧州赤松集成材<br>120×120 | 7.04<br>8.53(S) | 83.1 | 4.83<br>7.02 | 69.53<br>101.13 | OK | —<br>-6.41 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 7.04<br>8.53 | 25.91<br>37.68 | OK |
| | | | | 検定値(長期) | | 0.10 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.27 | |
| | | | | 検定値(短期) | | 0.08 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.23 | |
| | 又X18<br>又Y5 | 欧州赤松集成材<br>120×120 | 4.51<br>19.57(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | OK | 3.03<br>3.03 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.51<br>12.04 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.09 | | 検定値(柱頭) | | 0.29 | | 検定値 | | — | | 検定値(長期) | | 0.17 | |
| | | | | 検定値(短期) | | 0.21 | | 検定値(柱脚) | | 0.29 | | | | | | 検定値(短期) | | 0.26 | |
| | 又X14<br>又Y5 | 欧州赤松集成材<br>120×120 | 4.21<br>19.27(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>3.32 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 4.21<br>11.74 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.10 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.16 | |
| | | | | 検定値(短期) | | 0.25 | | 検定値(柱脚) | | 0.32 | | | | | | 検定値(短期) | | 0.25 | |
| | 又X21<br>又Y5 | 欧州赤松集成材<br>120×120 | 3.90<br>12.92(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | OK | 3.63<br>3.63 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.90<br>8.41 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.08 | | 検定値(柱頭) | | 0.35 | | 検定値 | | — | | 検定値(長期) | | 0.15 | |
| | | | | 検定値(短期) | | 0.14 | | 検定値(柱脚) | | 0.77 | | | | | | 検定値(短期) | | 0.18 | |
| | 又X19<br>又Y5 | 欧州赤松集成材<br>120×120 | 1.41<br>10.09(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | OK | 2.93<br>2.93 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.41<br>5.75 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.03 | | 検定値(柱頭) | | 0.28 | | 検定値 | | — | | 検定値(長期) | | 0.05 | |
| | | | | 検定値(短期) | | 0.11 | | 検定値(柱脚) | | 0.28 | | | | | | 検定値(短期) | | 0.12 | |
| | X10<br>又Y5 | 欧州赤松集成材<br>120×120 | 2.65<br>9.04(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 0.54<br>0.54 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.65<br>5.84 | 25.91<br>47.10 | OK |
| | | | | 検定値(長期) | | 0.05 | | 検定値(柱頭) | | 0.05 | | 検定値 | | — | | 検定値(長期) | | 0.10 | |
| | | | | 検定値(短期) | | 0.10 | | 検定値(柱脚) | | 0.05 | | | | | | 検定値(短期) | | 0.12 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又X7<br>又Y5 | 欧州赤松集成材<br>120×120 | 11.30<br>15.49(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>-11.30 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 11.30<br>5.49 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.27<br>0.25 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.44<br>0.41 | |
| | 又<br>又Y5 | 欧州赤松集成材<br>120×120 | 1.03<br>1.03(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -1.03<br>-1.03 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.03<br>1.03 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.02<br>0.01 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.03 | |
| | X9<br>又Y5 | 欧州赤松集成材<br>120×120 | 7.62<br>9.65(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.18<br>0.16 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | X0 | 欧州赤松集成材<br>120×120 | 6.85<br>7.45(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | OK | -5.51<br>-5.51 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.876 | 6.85<br>0.729 | 149.78<br>6.359 | OK | 梁<br>欧州赤松集成材 | 6.85<br>7.45 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.06 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | 0.16 | | | 検定値(長期)<br>検定値(短期) | 0.26<br>0.20 | |
| | | 欧州赤松集成材<br>120×120 | 3.98<br>3.98(S) | 77.9 | 5.36<br>7.80 | 77.24<br>112.34 | OK | -3.09<br>-3.09 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.98<br>3.98 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.04 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.15<br>0.11 | |
| | X5 | 欧州赤松集成材<br>120×120 | 10.00<br>11.74(S) | 73.6 | 5.81<br>8.45 | 83.66<br>121.69 | OK | -8.84<br>-8.84 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 10.00<br>11.74 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.12<br>0.10 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.39<br>0.31 | |
| | X3<br>又 | 欧州赤松集成材<br>120×120 | 9.50<br>9.81(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | OK | -6.30<br>-6.30 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 9.50<br>9.81 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.12<br>0.08 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.37<br>0.26 | |
| | 又 | 欧州赤松集成材<br>120×120 | 1.08<br>1.08(S) | 78.8 | 5.27<br>7.67 | 75.95<br>110.48 | OK | -0.83<br>-0.83 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.08<br>1.08 | 25.91<br>37.68 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.01<br>0.01 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.03 | |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 3.03<br>26.77(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>7.10 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.03<br>4.90 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.35 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.77 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.12<br>0.32 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 3.96<br>19.02(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 3.57<br>3.57 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.96<br>1.49 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.20 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.35<br>0.35 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.15<br>0.24 | |
| | X0 | 欧州赤松集成材<br>120×120 | 6.81<br>35.03(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | OK | 8.65<br>8.65 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.876 | 6.81<br>0.729 | 149.78<br>6.359 | OK | 梁<br>欧州赤松集成材 | 6.81<br>20.92 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.23 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.84<br>0.84 | | | 検定値 | 0.16 | | | 検定値(長期)<br>検定値(短期) | 0.26<br>0.44 | |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 2.42<br>7.63(K) | 96.2 | 3.49<br>6.34 | 50.21<br>91.29 | OK | 1.92<br>1.92 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.42<br>5.02 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.08 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.12<br>0.17 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.09<br>0.11 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 3.94<br>12.61(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期)<br>検定値(短期) | | 0.09<br>0.16 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>— | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 0.72<br>0.72(S) | 97.9 | 3.31<br>4.81 | 47.64<br>69.30 | OK | -0.72<br>-0.72 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 0.72<br>0.72 | 20.72<br>30.14 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.02<br>0.01 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.03<br>0.02 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 1.88<br>16.94(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 5.65<br>5.65 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.88<br>9.41 | 25.91<br>47.10 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.04<br>0.18 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.55<br>0.55 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.20 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 2.96<br>3.89(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -2.96<br>-2.96 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.96<br>3.89 | 25.91<br>37.68 | OK |
| | | | 検定値(長期) | | 0.06 | | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | 検定値(長期) | | 0.11 | |
| | | | 検定値(短期) | | 0.05 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.10 | |
| | XO<br>Y6 | 欧州赤松集成材<br>120×120 | 11.64<br>17.29(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | OK | —<br>-6.81 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 1.314 | 11.64<br>1.363 | 126.41<br>6.359 | OK | 梁<br>欧州赤松集成材 | 11.64<br>4.46 | 25.91<br>47.10 | OK |
| | | | 検定値(長期) | | 0.17 | | | 検定値(柱頭) | | — | | | 検定値 | 0.31 | | 検定値(長期) | | 0.45 | |
| | | | 検定値(短期) | | 0.14 | | | 検定値(柱脚) | | 0.64 | | | | | | 検定値(短期) | | 0.31 | |
| | X3<br>Y6 | 欧州赤松集成材<br>120×120 | 11.48<br>39.70(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | OK | —<br>3.48 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 11.48<br>5.59 | 25.91<br>47.10 | OK |
| | | | 検定値(長期) | | 0.17 | | | 検定値(柱頭) | | — | | | 検定値 | — | | 検定値(長期) | | 0.44 | |
| | | | 検定値(短期) | | 0.31 | | | 検定値(柱脚) | | 0.97 | | | | | | 検定値(短期) | | 0.54 | |
| | Y6 | 欧州赤松集成材<br>120×120 | 8.74<br>11.24(S) | 77.1 | 5.45<br>7.93 | 78.52<br>114.21 | OK | -7.86<br>-7.86 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 8.74<br>1.24 | 25.91<br>37.68 | OK |
| | | | 検定値(長期) | | 0.11 | | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | 検定値(長期) | | 0.34 | |
| | | | 検定値(短期) | | 0.10 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.30 | |
| | X5<br>Y6 | 欧州赤松集成材<br>120×120 | 13.21<br>41.43(K) | 73.6 | 5.81<br>10.56 | 83.66<br>152.11 | OK | 2.64<br>2.64 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 13.21<br>7.32 | 25.91<br>47.10 | OK |
| | | | 検定値(長期) | | 0.16 | | | 検定値(柱頭) | | 0.26 | | | 検定値 | — | | 検定値(長期) | | 0.51 | |
| | | | 検定値(短期) | | 0.27 | | | 検定値(柱脚) | | 0.26 | | | | | | 検定値(短期) | | 0.58 | |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 2.39<br>2.78(S) | 96.2 | 3.49<br>5.07 | 50.21<br>73.03 | OK | -2.39<br>-2.39 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.994 | 2.39<br>1.379 | 91.29<br>6.359 | OK | 梁<br>欧州赤松集成材 | 2.39<br>2.78 | 25.91<br>37.68 | OK |
| | | | 検定値(長期) | | 0.05 | | | 検定値(柱頭) | | 0.00 | | | 検定値 | 0.24 | | 検定値(長期) | | 0.09 | |
| | | | 検定値(短期) | | 0.04 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.07 | |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 2.59<br>8.98(K) | 102.2 | 2.96<br>5.38 | 42.60<br>77.45 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期) | | 0.06 | | | 検定値(柱頭) | | — | | | 検定値 | — | | 検定値(長期) | | — | |
| | | | 検定値(短期) | | 0.12 | | | 検定値(柱脚) | | — | | | | | | 検定値(短期) | | — | |
| | 又X11<br>又Y6 | 欧州赤松集成材<br>120×120 | 1.70<br>2.21(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -1.70<br>-1.70 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 1.70<br>2.21 | 25.91<br>37.68 | OK |
| | | | 検定値(長期) | | 0.03 | | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | 検定値(長期) | | 0.07 | |
| | | | 検定値(短期) | | 0.03 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.06 | |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 2.07<br>2.91(S) | 95.3 | 3.58<br>5.20 | 51.50<br>74.90 | OK | -2.07<br>-2.07 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 2.07<br>2.91 | 25.91<br>37.68 | OK |
| | | | 検定値(長期) | | 0.04 | | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | 検定値(長期) | | 0.08 | |
| | | | 検定値(短期) | | 0.04 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.08 | |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 3.25<br>18.31(K) | 95.3 | 3.58<br>6.50 | 51.50<br>93.63 | OK | 8.80<br>8.80 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 3.25<br>5.30 | 25.91<br>47.10 | OK |
| | | | 検定値(長期) | | 0.06 | | | 検定値(柱頭) | | 0.85 | | | 検定値 | — | | 検定値(長期) | | 0.13 | |
| | | | 検定値(短期) | | 0.20 | | | 検定値(柱脚) | | 0.85 | | | | | | 検定値(短期) | | 0.32 | |
| | XO<br>Y7 | 欧州赤松集成材<br>120×120 | 11.45<br>12.33(S) | 74.5 | 5.72<br>8.32 | 82.38<br>119.82 | OK | -10.11<br>-10.11 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.534 | 11.45<br>1.276 | 149.78<br>6.359 | OK | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期) | | 0.14 | | | 検定値(柱頭) | | 0.71 | | | 検定値 | 0.28 | | 検定値(長期) | | — | |
| | | | 検定値(短期) | | 0.10 | | | 検定値(柱脚) | | 0.71 | | | | | | 検定値(短期) | | — | |
| | X3<br>Y7 | 欧州赤松集成材<br>120×120 | 15.98<br>38.57(K) | 74.5 | 5.72<br>10.40 | 82.38<br>149.78 | OK | -2.32<br>-2.32 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 15.98<br>7.27 | 25.91<br>47.10 | OK |
| | | | 検定値(長期) | | 0.19 | | | 検定値(柱頭) | | 0.64 | | | 検定値 | — | | 検定値(長期) | | 0.62 | |
| | | | 検定値(短期) | | 0.26 | | | 検定値(柱脚) | | 0.64 | | | | | | 検定値(短期) | | 0.58 | |
| | X5<br>Y7 | 欧州赤松集成材<br>120×120 | 14.15<br>24.03(K) | 83.1 | 4.83<br>8.78 | 69.53<br>126.41 | OK | —<br>-5.65 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 梁<br>欧州赤松集成材 | 14.15<br>9.09 | 25.91<br>47.10 | OK |
| | | | 検定値(長期) | | 0.20 | | | 検定値(柱頭) | | — | | | 検定値 | — | | 検定値(長期) | | 0.55 | |
| | | | 検定値(短期) | | 0.19 | | | 検定値(柱脚) | | 0.64 | | | | | | 検定値(短期) | | 0.41 | |
| | 又X12<br>又Y7 | 欧州赤松集成材<br>120×120 | 2.92<br>3.34(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | —<br>-2.92 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 1.098 | 2.92<br>1.720 | 77.45<br>6.359 | OK | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期) | | 0.07 | | | 検定値(柱頭) | | — | | | 検定値 | 0.31 | | 検定値(長期) | | — | |
| | | | 検定値(短期) | | 0.05 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | — | |
| | X5 | 欧州赤松集成材<br>150×150 | 0.54<br>13.24(K) | 58.9 | 7.33<br>13.32 | 164.85<br>299.73 | OK | 3.27<br>3.27 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期) | | 0.00 | | | 検定値(柱頭) | | 0.32 | | | 検定値 | — | | 検定値(長期) | | — | |
| | | | 検定値(短期) | | 0.04 | | | 検定値(柱脚) | | 0.64 | | | | | | 検定値(短期) | | — | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 1.55<br>10.23(K) | 97.0<br>検定値(長期)<br>検定値(短期) | 3.40<br>6.18 | 48.93<br>88.96 | OK | 5.39<br>5.39<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.52<br>0.52 | OK<br>OK | ー<br>検定値 | ー<br>ー<br>ー | ー<br>ー | ー | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.55<br>8.49<br>0.06<br>0.18 | 25.91<br>47.10 | OK |
| | X3<br>又 | 欧州赤松集成材<br>120×120 | 1.03<br>1.03(S) | 74.5<br>検定値(長期)<br>検定値(短期) | 5.72<br>8.32<br>0.01<br>0.01 | 82.38<br>119.82 | OK | -1.03<br>-1.03<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | ー<br>検定値 | ー<br>ー<br>ー | ー<br>ー | ー | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.03<br>1.03<br>0.04<br>0.03 | 25.91<br>37.68 | OK |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 0.62<br>0.62(S) | 73.6<br>検定値(長期)<br>検定値(短期) | 5.81<br>8.45<br>0.01<br>0.01 | 83.66<br>121.69 | OK | -0.62<br>-0.62<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | ー<br>検定値 | ー<br>ー<br>ー | ー<br>ー | ー | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 0.62<br>0.62<br>0.02<br>0.02 | 25.91<br>37.68 | OK |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 1.56<br>24.14(K) | 74.5<br>検定値(長期)<br>検定値(短期) | 5.72<br>10.40<br>0.02<br>0.16 | 82.38<br>149.78 | OK | 9.73<br>9.73<br>検定値(柱頭)<br>検定値(柱脚) | HDP-20<br>HDP-20 | 22.20<br>22.20<br>0.44<br>0.92 | OK<br>OK | 1.095<br>検定値 | 1.56<br>0.911<br>0.15 | 149.78<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.56<br>2.85<br>0.06<br>0.27 | 25.91<br>47.10 | OK |
| | X5<br>又 | 欧州赤松集成材<br>120×120 | 0.00<br>0.00(K) | 12.2<br>検定値(長期)<br>検定値(短期) | 10.30<br>18.73<br>0.00<br>0.00 | 148.37<br>269.76 | OK | 0.00<br>0.00<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.00 | OK<br>OK | ー<br>検定値 | ー<br>ー<br>ー | ー<br>ー | ー | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 0.00<br>0.00<br>0.00<br>0.00 | 25.91<br>47.10 | OK |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 1.74<br>8.68(K) | 97.0<br>検定値(長期)<br>検定値(短期) | 3.40<br>6.18<br>0.04<br>0.10 | 48.93<br>88.96 | OK | -0.52<br>-0.52<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.00<br>0.21 | OK<br>OK | ー<br>検定値 | ー<br>ー<br>ー | ー<br>ー | ー | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.74<br>7.29<br>0.07<br>0.15 | 25.91<br>47.10 | OK |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 1.32<br>5.97(K) | 97.0<br>検定値(長期)<br>検定値(短期) | 3.40<br>6.18<br>0.03<br>0.07 | 48.93<br>88.96 | OK | 2.56<br>2.56<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.25<br>0.29 | OK<br>OK | ー<br>検定値 | ー<br>ー<br>ー | ー<br>ー | ー | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.32<br>3.65<br>0.05<br>0.08 | 25.91<br>47.10 | OK |
| | X0<br>Y8 | 欧州赤松集成材<br>120×120 | 1.88<br>10.35(K) | 83.1<br>検定値(長期)<br>検定値(短期) | 4.83<br>8.78<br>0.03<br>0.08 | 69.53<br>126.41 | OK | ー<br>9.41<br>検定値(柱頭)<br>検定値(柱脚) | ー<br>HDP-10 | ー<br>10.30<br>ー<br>0.91 | ー<br>OK | 0.494<br>検定値 | 1.88<br>0.512<br>0.10 | 126.41<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 1.88<br>8.66<br>0.07<br>0.18 | 25.91<br>47.10 | OK |
| | 又X1<br>Y8 | 欧州赤松集成材<br>120×120 | 5.25<br>19.37(K) | 77.1<br>検定値(長期)<br>検定値(短期) | 5.45<br>9.91<br>0.07<br>0.14 | 78.52<br>142.77 | OK | -1.02<br>-1.02<br>検定値(柱頭)<br>検定値(柱脚) | HDP-20<br>HDP-20 | 22.20<br>22.20<br>0.00<br>0.36 | OK<br>OK | 2.027<br>検定値 | 5.25<br>1.806<br>0.32 | 142.77<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 5.25<br>2.31<br>0.20<br>0.26 | 25.91<br>47.10 | OK |
| | X3<br>Y8 | 欧州赤松集成材<br>120×120 | 8.46<br>10.72(S) | 83.1<br>検定値(長期)<br>検定値(短期) | 4.83<br>7.02<br>0.12<br>0.11 | 69.53<br>101.13 | OK | ー<br>-8.46<br>検定値(柱頭)<br>検定値(柱脚) | ー<br>HDP-10 | ー<br>10.30<br>ー<br>0.00 | ー<br>OK | 3.077<br>検定値 | 8.46<br>3.190<br>0.57 | 126.41<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 8.46<br>10.72<br>0.33<br>0.28 | 25.91<br>37.68 | OK |
| | X5<br>Y8 | 欧州赤松集成材<br>120×120 | 6.76<br>24.11(K) | 83.1<br>検定値(長期)<br>検定値(短期) | 4.83<br>8.78<br>0.10<br>0.19 | 69.53<br>126.41 | OK | ー<br>-1.55<br>検定値(柱頭)<br>検定値(柱脚) | ー<br>HDP-10 | ー<br>10.30<br>ー<br>0.64 | ー<br>OK | 2.419<br>検定値 | 6.76<br>2.508<br>0.45 | 126.41<br>6.359 | OK | ー<br>ー<br>検定値(長期)<br>検定値(短期) | ー<br>ー<br>ー<br>ー | ー<br>ー | ー<br>ー |
| | Y8 | 欧州赤松集成材<br>120×120 | 5.11<br>15.52(K) | 92.7<br>検定値(長期)<br>検定値(短期) | 3.84<br>6.99<br>0.09<br>0.15 | 55.35<br>100.64 | OK | 3.57<br>3.57<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.58<br>0.35 | OK<br>OK | 1.972<br>検定値 | 5.11<br>2.541<br>0.45 | 100.64<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 5.11<br>10.31<br>0.20<br>0.22 | 25.91<br>47.10 | OK |
| | X6<br>Y8 | 欧州赤松集成材<br>120×120 | 4.83<br>15.24(K) | 92.7<br>検定値(長期)<br>検定値(短期) | 3.84<br>6.99<br>0.09<br>0.15 | 55.35<br>100.64 | OK | 3.84<br>3.84<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.48<br>0.37 | OK<br>OK | 1.866<br>検定値 | 4.83<br>2.405<br>0.43 | 100.64<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 4.83<br>10.04<br>0.19<br>0.21 | 25.91<br>47.10 | OK |
| | X7<br>Y8 | 欧州赤松集成材<br>120×120 | 9.41<br>26.76(K) | 102.2<br>検定値(長期)<br>検定値(短期) | 2.96<br>5.38<br>0.22<br>0.35 | 42.60<br>77.45 | OK | ー<br>ー<br>検定値(柱頭)<br>検定値(柱脚) | ー<br>ー | ー<br>ー<br>ー<br>ー | ー<br>ー | 1.534<br>検定値 | 9.41<br>2.404<br>0.50 | 77.45<br>6.359 | OK | ー<br>ー<br>検定値(長期)<br>検定値(短期) | ー<br>ー<br>ー<br>ー | ー<br>ー | ー<br>ー |
| | 又<br>Y8 | 欧州赤松集成材<br>120×120 | 3.99<br>21.34(K) | 90.1<br>検定値(長期)<br>検定値(短期) | 4.11<br>7.48<br>0.07<br>0.20 | 59.21<br>107.65 | OK | 4.69<br>4.69<br>検定値(柱頭)<br>検定値(柱脚) | HDP-10<br>HDP-10 | 10.30<br>10.30<br>0.46<br>0.46 | OK<br>OK | 1.201<br>検定値 | 3.99<br>1.463<br>0.27 | 107.65<br>6.359 | OK | 梁<br>欧州赤松集成材<br>検定値(長期)<br>検定値(短期) | 3.99<br>12.66<br>0.15<br>0.27 | 25.91<br>47.10 | OK |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 2 | X9<br>Y8 | 欧州赤松集成材<br>120×120 | 5.55<br>22.91(K) | 90.1 | 4.11<br>7.48 | 59.21<br>107.65 | OK | 3.12<br>－ | HDP-20<br>－ | 22.20<br>－ | OK<br>－ | 0.661 | 5.55<br>0.805 | 107.65<br>6.359 | OK | －<br>－ | －<br>－ | －<br>－ | － |
| | | | | | 検定値(長期) | 0.09 | | | 検定値(柱頭) | 0.14 | | | 検定値 | 0.18 | | | 検定値(長期) | － | |
| | | | | | 検定値(短期) | 0.21 | | | 検定値(柱脚) | － | | | | | | | 検定値(短期) | － | |
| | 又X9<br>Y8 | 欧州赤松集成材<br>120×120 | 0.86<br>0.98(S) | 102.2 | 2.96<br>4.30 | 42.60<br>61.96 | OK | －<br>-0.86 | －<br>HDP-10 | －<br>10.30 | －<br>OK | 0.491 | 0.86<br>0.769 | 77.45<br>6.359 | OK | －<br>－ | －<br>－ | －<br>－ | － |
| | | | | | 検定値(長期) | 0.02 | | | 検定値(柱頭) | － | | | 検定値 | 0.13 | | | 検定値(長期) | － | |
| | | | | | 検定値(短期) | 0.02 | | | 検定値(柱脚) | 0.00 | | | | | | | 検定値(短期) | － | |
| 1 | XO<br>YO | 欧州赤松集成材<br>120×120 | 5.64<br>41.94(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | －<br>23.64 | －<br>HDC-15・20 | －<br>27.10 | －<br>OK | － | －<br>－ | －<br>－ | － | 土台<br>檜 | 5.64<br>34.68 | 36.64<br>48.98 | OK |
| | | | | | 検定値(長期) | 0.14 | | | 検定値(柱頭) | － | | | 検定値 | － | | | 検定値(長期) | 0.15 | |
| | | | | | 検定値(短期) | 0.59 | | | 検定値(柱脚) | 0.87 | | | | | | | 検定値(短期) | 0.71 | |
| | 又X1<br>YO | 欧州赤松集成材<br>120×120 | 3.67<br>39.97(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 14.48<br>14.48 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 1.538 | 3.67<br>2.307 | 80.94<br>6.359 | OK | 土台<br>檜 | 3.67<br>21.82 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.08 | | | 検定値(柱頭) | 0.65 | | | 検定値 | 0.41 | | | 検定値(長期) | 0.08 | |
| | | | | | 検定値(短期) | 0.49 | | | 検定値(柱脚) | 0.65 | | | | | | | 検定値(短期) | 0.36 | |
| | 又X2<br>YO | 欧州赤松集成材<br>120×120 | 4.78<br>5.87(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | OK | －<br>-4.78 | －<br>HDP-10 | －<br>10.30 | －<br>OK | 2.005 | 4.78<br>3.438 | 70.78<br>6.359 | OK | 土台<br>檜 | 4.78<br>5.87 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.12 | | | 検定値(柱頭) | － | | | 検定値 | 0.61 | | | 検定値(長期) | 0.10 | |
| | | | | | 検定値(短期) | 0.10 | | | 検定値(柱脚) | 0.00 | | | | | | | 検定値(短期) | 0.10 | |
| | 又<br>YO | 欧州赤松集成材<br>120×120 | 2.57<br>3.15(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -2.57<br>-2.57 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.076 | 2.57<br>1.614 | 80.94<br>6.359 | OK | 土台<br>檜 | 2.57<br>3.15 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.06 | | | 検定値(柱頭) | 0.00 | | | 検定値 | 0.29 | | | 検定値(長期) | 0.06 | |
| | | | | | 検定値(短期) | 0.05 | | | 検定値(柱脚) | 0.00 | | | | | | | 検定値(短期) | 0.05 | |
| | X4<br>YO | 欧州赤松集成材<br>120×120 | 8.89<br>24.52(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | －<br>0.68 | －<br>HDP-10 | －<br>10.30 | －<br>OK | 0.409 | 8.89<br>0.701 | 70.78<br>6.359 | OK | 土台<br>檜 | 8.89<br>16.71 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.23 | | | 検定値(柱頭) | － | | | 検定値 | 0.24 | | | 検定値(長期) | 0.19 | |
| | | | | | 検定値(短期) | 0.35 | | | 検定値(柱脚) | 0.07 | | | | | | | 検定値(短期) | 0.27 | |
| | YO | 欧州赤松集成材<br>120×120 | 8.96<br>34.39(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 4.59<br>4.57 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | － | －<br>－ | －<br>－ | － | 土台<br>檜 | 8.96<br>21.67 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.18 | | | 検定値(柱頭) | 0.21 | | | 検定値 | － | | | 検定値(長期) | 0.20 | |
| | | | | | 検定値(短期) | 0.37 | | | 検定値(柱脚) | 0.52 | | | | | | | 検定値(短期) | 0.35 | |
| | 又X5<br>YO | 欧州赤松集成材<br>120×120 | 18.24<br>50.71(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 2.33<br>2.33 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.207 | 20.26<br>1.657 | 92.62<br>6.359 | OK | 土台<br>檜 | 18.24<br>34.48 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.36 | | | 検定値(柱頭) | 0.23 | | | 検定値 | 0.48 | | | 検定値(長期) | 0.40 | |
| | | | | | 検定値(短期) | 0.55 | | | 検定値(柱脚) | 0.23 | | | | | | | 検定値(短期) | 0.56 | |
| | 又<br>YO | 欧州赤松集成材<br>120×120 | 22.97<br>32.79(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -13.50<br>-13.50 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.609 | 23.25<br>2.209 | 92.62<br>6.359 | OK | 土台<br>檜 | 22.97<br>27.88 | 36.64<br>48.98 | OK |
| | | | | | 検定値(長期) | 0.45 | | | 検定値(柱頭) | 0.00 | | | 検定値 | 0.60 | | | 検定値(長期) | 0.63 | |
| | | | | | 検定値(短期) | 0.35 | | | 検定値(柱脚) | 0.00 | | | | | | | 検定値(短期) | 0.57 | |
| | 又<br>YO | 欧州赤松集成材<br>120×120 | 17.85<br>19.63(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | OK | －<br>-14.03 | －<br>HDP-10 | －<br>10.30 | －<br>OK | 1.408 | 17.85<br>2.414 | 70.78<br>6.359 | OK | 土台<br>檜 | 17.85<br>19.63 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.46 | | | 検定値(柱頭) | － | | | 検定値 | 0.63 | | | 検定値(長期) | 0.39 | |
| | | | | | 検定値(短期) | 0.35 | | | 検定値(柱脚) | 0.00 | | | | | | | 検定値(短期) | 0.32 | |
| | 又<br>YO | 欧州赤松集成材<br>120×120 | 16.84<br>45.88(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 0.31<br>0.31 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 1.136 | 16.84<br>1.531 | 94.95<br>6.359 | OK | 土台<br>檜 | 16.84<br>31.36 | 36.64<br>48.98 | OK |
| | | | | | 検定値(長期) | 0.32 | | | 検定値(柱頭) | 0.01 | | | 検定値 | 0.42 | | | 検定値(長期) | 0.46 | |
| | | | | | 検定値(短期) | 0.48 | | | 検定値(柱脚) | 0.44 | | | | | | | 検定値(短期) | 0.64 | |
| | 又X7<br>YO | 欧州赤松集成材<br>120×120 | 12.84<br>15.84(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | -8.59<br>-8.59 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 0.935 | 12.84<br>1.260 | 94.95<br>6.359 | OK | 土台<br>檜 | 12.84<br>14.34 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.25 | | | 検定値(柱頭) | 0.42 | | | 検定値 | 0.33 | | | 検定値(長期) | 0.28 | |
| | | | | | 検定値(短期) | 0.17 | | | 検定値(柱脚) | 0.42 | | | | | | | 検定値(短期) | 0.23 | |
| | 又<br>YO | 欧州赤松集成材<br>120×120 | 8.36<br>15.43(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | -5.13<br>-5.13 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 0.804 | 8.36<br>1.084 | 94.95<br>6.359 | OK | 土台<br>檜 | 8.36<br>11.89 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期) | 0.16 | | | 検定値(柱頭) | 0.32 | | | 検定値 | 0.26 | | | 検定値(長期) | 0.18 | |
| | | | | | 検定値(短期) | 0.16 | | | 検定値(柱脚) | 0.32 | | | | | | | 検定値(短期) | 0.19 | |
| | X9<br>YO | 欧州赤松集成材<br>120×120 | 1.71<br>30.75(K) | 108.2 | 2.64<br>4.80 | 38.00<br>69.10 | OK | －<br>21.52 | －<br>PBH-63 | －<br>63.40 | －<br>OK | － | －<br>－ | －<br>－ | － | －<br>－ | －<br>－ | －<br>－ | － |
| | | | | | 検定値(長期) | 0.05 | | | 検定値(柱頭) | － | | | 検定値 | － | | | 検定値(長期) | － | |
| | | | | | 検定値(短期) | 0.45 | | | 検定値(柱脚) | 0.57 | | | | | | | 検定値(短期) | － | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | XO<br>又YO | 欧州赤松集成材<br>120×120 | 7.25<br>13.87(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 1.90<br>1.90 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.804 | 7.25<br>1.084 | 94.95<br>6.359 | OK | 土台<br>檜 | 7.25<br>12.79 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.14 | | 検定値(柱頭) | | 0.18 | | 検定値 | | 0.25 | | 検定値(長期) | | 0.16 | |
| | | | 検定値(短期) | | | 0.15 | | 検定値(柱脚) | | 0.18 | | | | | | 検定値(短期) | | 0.21 | |
| | 又YO | 欧州赤松集成材<br>120×120 | 0.52<br>0.52(S) | 102.6 | 2.94<br>4.27 | 42.29<br>61.51 | OK | -0.52<br>-0.52 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 0.52<br>0.52 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.01 | | 検定値(柱頭) | | 0.32 | | 検定値 | | — | | 検定値(長期) | | 0.01 | |
| | | | 検定値(短期) | | | 0.01 | | 検定値(柱脚) | | 0.32 | | | | | | 検定値(短期) | | 0.01 | |
| | X9<br>Y1 | 欧州赤松集成材<br>120×120 | 6.23<br>35.27(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 8.62<br>8.62 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 0.403 | 16.64<br>0.543 | 94.95<br>6.359 | OK | 土台<br>檜 | 6.23<br>20.75 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.12 | | 検定値(柱頭) | | 0.39 | | 検定値 | | 0.26 | | 検定値(長期) | | 0.14 | |
| | | | 検定値(短期) | | | 0.37 | | 検定値(柱脚) | | 0.77 | | | | | | 検定値(短期) | | 0.34 | |
| | XO<br>又Y1 | 欧州赤松集成材<br>120×120 | 22.06<br>39.41(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | -13.31<br>-13.31 | HMP-140<br>HDP-10 | 9.20<br>10.30 | OK<br>OK | 1.006 | 22.72<br>1.356 | 94.95<br>6.359 | OK | 土台<br>檜 | 22.06<br>30.73 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.42 | | 検定値(柱頭) | | 0.00 | | 検定値 | | 0.45 | | 検定値(長期) | | 0.48 | |
| | | | 検定値(短期) | | | 0.42 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.50 | |
| | X4<br>又Y1 | 欧州赤松集成材<br>120×120 | 24.40<br>60.70(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | -1.88<br>-1.88 | HMP-140<br>HDP-10 | 12.40<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 24.40<br>42.55 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.46 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.53 | |
| | | | 検定値(短期) | | | 0.62 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.69 | |
| | 又Y1 | 欧州赤松集成材<br>120×120 | 2.01<br>26.99(K) | 100.9 | 3.04<br>5.52 | 43.75<br>79.55 | OK | 10.82<br>10.82 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 2.01<br>14.50 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.05 | | 検定値(柱頭) | | 0.67 | | 検定値 | | — | | 検定値(長期) | | 0.04 | |
| | | | 検定値(短期) | | | 0.34 | | 検定値(柱脚) | | 0.99 | | | | | | 検定値(短期) | | 0.24 | |
| | X5<br>又Y1 | 欧州赤松集成材<br>120×120 | 5.57<br>15.99(K) | 100.9 | 3.04<br>5.52 | 43.75<br>79.55 | OK | 3.68<br>3.68 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 5.57<br>10.78 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.13 | | 検定値(柱頭) | | 0.36 | | 検定値 | | — | | 検定値(長期) | | 0.15 | |
| | | | 検定値(短期) | | | 0.20 | | 検定値(柱脚) | | 0.36 | | | | | | 検定値(短期) | | 0.22 | |
| | X9<br>又Y1 | 欧州赤松集成材<br>120×120 | 5.68<br>30.66(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 7.55<br>7.55 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 0.720 | 5.68<br>0.971 | 94.95<br>6.359 | OK | 土台<br>檜 | 5.68<br>18.17 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.11 | | 検定値(柱頭) | | 0.47 | | 検定値 | | 0.21 | | 検定値(長期) | | 0.12 | |
| | | | 検定値(短期) | | | 0.32 | | 検定値(柱脚) | | 0.79 | | | | | | 検定値(短期) | | 0.30 | |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 15.57<br>29.12(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | -6.74<br>-4.74 | HDP-10<br>HDC-15・20 | 10.30<br>27.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.57<br>26.41 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.29 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.42 | |
| | | | 検定値(短期) | | | 0.30 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.54 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 6.44<br>6.75(S) | 94.8 | 3.63<br>5.28 | 52.22<br>75.96 | OK | -2.76<br>-2.76 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 0.804 | 6.44<br>1.084 | 94.95<br>6.359 | OK | 土台<br>檜 | 6.44<br>6.75 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.12 | | 検定値(柱頭) | | 0.32 | | 検定値 | | 0.24 | | 検定値(長期) | | 0.14 | |
| | | | 検定値(短期) | | | 0.09 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.11 | |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 6.17<br>21.93(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 1.90<br>1.90 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 6.17<br>18.78 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.14 | | 検定値(柱頭) | | 0.12 | | 検定値 | | — | | 検定値(長期) | | 0.17 | |
| | | | 検定値(短期) | | | 0.27 | | 検定値(柱脚) | | 0.09 | | | | | | 検定値(短期) | | 0.38 | |
| | XO<br>又 | 欧州赤松集成材<br>120×120 | 16.46<br>16.86(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | OK | —<br>-9.62 | —<br>HDP-20 | —<br>22.20 | —<br>OK | 1.006 | 16.46<br>1.725 | 70.78<br>6.359 | OK | 土台<br>檜 | 16.46<br>16.86 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.42 | | 検定値(柱頭) | | — | | 検定値 | | 0.50 | | 検定値(長期) | | 0.36 | |
| | | | 検定値(短期) | | | 0.30 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.28 | |
| | X4<br>又 | 欧州赤松集成材<br>120×120 | 17.39<br>17.39(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | OK | -12.44<br>-12.44 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 17.39<br>17.39 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.32 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.38 | |
| | | | 検定値(短期) | | | 0.22 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.28 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 7.64<br>32.62(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 5.15<br>5.15 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 0.496 | 7.64<br>0.669 | 94.95<br>6.359 | OK | 土台<br>檜 | 7.64<br>20.13 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.15 | | 検定値(柱頭) | | 0.32 | | 検定値 | | 0.19 | | 検定値(長期) | | 0.17 | |
| | | | 検定値(短期) | | | 0.34 | | 検定値(柱脚) | | 0.64 | | | | | | 検定値(短期) | | 0.33 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 17.39<br>19.51(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | —<br>— | —<br>— | —<br>— | —<br>— | 0.838 | 19.51<br>1.130 | 94.95<br>6.359 | OK | 土台<br>檜 | 17.39<br>19.09 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.33 | | 検定値(柱頭) | | — | | 検定値 | | 0.38 | | 検定値(長期) | | 0.38 | |
| | | | 検定値(短期) | | | 0.21 | | 検定値(柱脚) | | — | | | | | | 検定値(短期) | | 0.31 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 27.98<br>64.41(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>5.91 | —<br>HDP-15 | —<br>16.10 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 27.98<br>57.13 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.72 | | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.61 | |
| | | | 検定値(短期) | | 0.91 | | | 検定値(柱脚) | | 0.37 | | | | | | 検定値(短期) | | 0.93 | |
| | XO<br>又 | 欧州赤松集成材<br>120×120 | 19.91<br>73.56(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 10.95<br>10.95 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 1.207 | 19.91<br>1.627 | 94.95<br>6.359 | OK | 土台<br>檜 | 19.91<br>46.74 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.38 | | | 検定値(柱頭) | | 0.68 | | 検定値 | | 0.47 | | 検定値(長期) | | 0.43 | |
| | | | 検定値(短期) | | 0.77 | | | 検定値(柱脚) | | 0.68 | | | | | | 検定値(短期) | | 0.76 | |
| | X4<br>又 | 欧州赤松集成材<br>120×120 | 15.17<br>51.47(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | 7.25<br>7.25 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.17<br>33.32 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.28 | | | 検定値(柱頭) | | 0.33 | | 検定値 | | — | | 検定値(長期) | | 0.33 | |
| | | | 検定値(短期) | | 0.53 | | | 検定値(柱脚) | | 0.33 | | | | | | 検定値(短期) | | 0.54 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 17.95<br>48.76(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | 5.22<br>5.22 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 17.95<br>42.60 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | 0.34 | | | 検定値(柱頭) | | 0.32 | | 検定値 | | — | | 検定値(長期) | | 0.49 | |
| | | | 検定値(短期) | | 0.50 | | | 検定値(柱脚) | | 0.24 | | | | | | 検定値(短期) | | 0.87 | |
| | XO<br>Y2 | 欧州赤松集成材<br>120×120 | 27.17<br>27.85(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | OK | —<br>-21.78 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 1.609 | 27.17<br>2.759 | 70.78<br>6.359 | OK | 土台<br>檜 | 27.17<br>27.85 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.70 | | | 検定値(柱頭) | | — | | 検定値 | | 0.82 | | 検定値(長期) | | 0.59 | |
| | | | 検定値(短期) | | 0.49 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.45 | |
| | X4<br>Y2 | 欧州赤松集成材<br>120×120 | 25.02<br>54.76(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-3.43 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 25.02<br>39.89 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.64 | | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.55 | |
| | | | 検定値(短期) | | 0.77 | | | 検定値(柱脚) | | 0.58 | | | | | | 検定値(短期) | | 0.65 | |
| | X5<br>Y2 | 欧州赤松集成材<br>120×120 | 22.04<br>49.27(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -3.60<br>-3.60 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 22.04<br>35.65 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.43 | | | 検定値(柱頭) | | 0.53 | | 検定値 | | — | | 検定値(長期) | | 0.48 | |
| | | | 検定値(短期) | | 0.53 | | | 検定値(柱脚) | | 0.53 | | | | | | 検定値(短期) | | 0.58 | |
| | 又X5<br>Y2 | 欧州赤松集成材<br>120×120 | 21.71<br>50.77(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -1.91<br>-1.91 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 21.71<br>36.24 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.43 | | | 検定値(柱頭) | | 0.66 | | 検定値 | | — | | 検定値(長期) | | 0.47 | |
| | | | 検定値(短期) | | 0.55 | | | 検定値(柱脚) | | 0.66 | | | | | | 検定値(短期) | | 0.59 | |
| | 又<br>Y2 | 欧州赤松集成材<br>120×120 | 26.60<br>31.19(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -15.72<br>-15.72 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 26.60<br>28.89 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.52 | | | 検定値(柱頭) | | 0.66 | | 検定値 | | — | | 検定値(長期) | | 0.58 | |
| | | | 検定値(短期) | | 0.34 | | | 検定値(柱脚) | | 0.66 | | | | | | 検定値(短期) | | 0.47 | |
| | X6<br>Y2 | 欧州赤松集成材<br>120×120 | 22.13<br>58.43(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>1.91 | —<br>HDP-15 | —<br>16.10 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 22.13<br>40.28 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | 0.57 | | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.60 | |
| | | | 検定値(短期) | | 0.83 | | | 検定値(柱脚) | | 0.12 | | | | | | 検定値(短期) | | 0.82 | |
| | 又<br>Y2 | 欧州赤松集成材<br>120×120 | 10.59<br>10.83(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | OK | -7.82<br>-7.82 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.59<br>10.83 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.20 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.23 | |
| | | | 検定値(短期) | | 0.14 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.18 | |
| | X7<br>Y2 | 欧州赤松集成材<br>120×120 | 13.83<br>50.75(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | 8.26<br>8.26 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.83<br>32.29 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.26 | | | 検定値(柱頭) | | 0.37 | | 検定値 | | — | | 検定値(長期) | | 0.30 | |
| | | | 検定値(短期) | | 0.52 | | | 検定値(柱脚) | | 0.37 | | | | | | 検定値(短期) | | 0.53 | |
| | 又<br>Y2 | 欧州赤松集成材<br>120×120 | 15.42<br>50.16(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | 6.87<br>6.87 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.42<br>32.79 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.29 | | | 検定値(柱頭) | | 0.31 | | 検定値 | | — | | 検定値(長期) | | 0.34 | |
| | | | 検定値(短期) | | 0.52 | | | 検定値(柱脚) | | 0.31 | | | | | | 検定値(短期) | | 0.54 | |
| | 又X8<br>Y2 | 欧州赤松集成材<br>120×120 | 5.75<br>5.75(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | OK | -4.11<br>-4.11 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 5.75<br>5.75 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.11 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.13 | |
| | | | 検定値(短期) | | 0.07 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.09 | |
| | X9<br>Y2 | 欧州赤松集成材<br>120×120 | 30.49<br>66.20(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-5.84 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 30.49<br>47.22 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.78 | | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.67 | |
| | | | 検定値(短期) | | 0.94 | | | 検定値(柱脚) | | 0.48 | | | | | | 検定値(短期) | | 0.77 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X14<br>又Y2 | 欧州赤松集成材<br>120×120 | 10.75<br>10.75(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | OK | -8.14<br>-8.14 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.697 | 10.75<br>0.922 | 97.29<br>6.359 | OK | 土台<br>檜 | 10.75<br>10.75 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.20<br>0.14 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | 0.26 | | | 検定値(長期)<br>検定値(短期) | 0.23<br>0.18 | |
| | X7 | 欧州赤松集成材<br>120×120 | 3.07<br>39.37(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 15.64<br>15.64 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 3.07<br>21.22 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.49 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.70<br>0.70 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.35 | |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 10.76<br>19.43(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | -5.05<br>-5.05 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.523 | 19.43<br>0.692 | 97.29<br>6.359 | OK | 土台<br>檜 | 10.76<br>17.70 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.20<br>0.20 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | 0.31 | | | 検定値(長期)<br>検定値(短期) | 0.23<br>0.29 | |
| | X6<br>又 | 欧州赤松集成材<br>120×120 | 4.70<br>41.00(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 14.52<br>14.52 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.70<br>22.85 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.11<br>0.51 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.90<br>0.90 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.10<br>0.37 | |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 2.08<br>2.63(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | OK | —<br>-1.67 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 2.08<br>2.63 | 36.64<br>48.98 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.05<br>0.05 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.06<br>0.05 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 15.48<br>22.48(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -12.49<br>-12.49 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.48<br>19.00 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.30<br>0.24 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.48<br>0.48 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.34<br>0.31 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 14.23<br>19.68(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-3.34 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 14.23<br>18.59 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.37<br>0.28 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.31<br>0.30 | |
| | X4<br>又 | 欧州赤松集成材<br>120×120 | 15.42<br>15.42(S) | 96.5 | 3.45<br>5.02 | 49.65<br>72.22 | OK | -11.07<br>-11.07 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.42<br>15.42 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.31<br>0.21 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.58<br>0.58 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.34<br>0.25 | |
| | XO | 欧州赤松集成材<br>120×120 | 20.52<br>56.02(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | 1.26<br>1.26 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.207 | 20.52<br>1.687 | 90.28<br>6.359 | OK | 土台<br>檜 | 20.52<br>38.27 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.41<br>0.62 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.12<br>0.12 | | | 検定値 | 0.49 | | | 検定値(長期)<br>検定値(短期) | 0.45<br>0.63 | |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 3.02<br>12.10(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | OK | 0.34<br>1.98 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 3.02<br>10.28 | 36.64<br>48.98 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.06<br>0.14 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.03<br>0.25 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.08<br>0.21 | |
| | 又X16<br>又 | 欧州赤松集成材<br>120×120 | 0.82<br>0.84(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | OK | -0.77<br>-0.77 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.410 | 0.82<br>0.583 | 87.94<br>6.359 | OK | 土台<br>檜 | 0.82<br>0.84 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.02<br>0.01 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | 0.10 | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 8.87<br>26.56(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 5.08<br>8.82 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 8.87<br>23.02 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.17<br>0.29 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.23<br>0.44 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.19<br>0.38 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 21.83<br>46.61(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 1.66<br>1.66 | HDP-10<br>HDP-15 | 10.30<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 21.83<br>41.65 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.43<br>0.50 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.16<br>0.41 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.48<br>0.68 | |
| | XO<br>Y3 | 欧州赤松集成材<br>120×120 | 17.80<br>64.51(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>10.98 | —<br>HDC-25・30 | —<br>36.70 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 17.80<br>41.15 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.46<br>0.91 | | | 検定値(柱頭)<br>検定値(柱脚) | | —<br>0.30 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.39<br>0.67 | |
| | 又X1<br>Y3 | 欧州赤松集成材<br>120×120 | 4.00<br>4.00(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | OK | -3.28<br>-3.28 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.00<br>4.00 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.06 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.09<br>0.07 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 15.02<br>42.60(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | OK | -4.47<br>-4.47 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.02<br>28.81 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.31 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.33 | |
| | | | 検定値(短期) | | | 0.48 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.47 | |
| | X3<br>Y3 | 欧州赤松集成材<br>120×120 | 25.20<br>61.50(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-3.71 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 25.20<br>43.35 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.65 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.55 | |
| | | | 検定値(短期) | | | 0.87 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.71 | |
| | X4<br>Y3 | 欧州赤松集成材<br>120×120 | 7.66<br>36.70(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | 8.42<br>8.42 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 7.66<br>22.18 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.15 | | 検定値(柱頭) | | 0.38 | | 検定値 | | — | | 検定値(長期) | | 0.17 | |
| | | | 検定値(短期) | | | 0.41 | | 検定値(柱脚) | | 0.76 | | | | | | 検定値(短期) | | 0.36 | |
| | 又X4<br>Y3 | 欧州赤松集成材<br>120×120 | 9.25<br>11.70(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | -7.59<br>-7.59 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 9.25<br>10.48 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.19 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.20 | |
| | | | 検定値(短期) | | | 0.13 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.17 | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 4.29<br>7.62(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-2.42 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.29<br>5.95 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.11 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.09 | |
| | | | 検定値(短期) | | | 0.11 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.10 | |
| | X5<br>Y3 | 欧州赤松集成材<br>120×120 | 20.33<br>73.98(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | OK | —<br>7.54 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 20.33<br>47.16 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.48 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.44 | |
| | | | 検定値(短期) | | | 0.96 | | 検定値(柱脚) | | 0.73 | | | | | | 検定値(短期) | | 0.77 | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×120 | 15.74<br>26.15(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | OK | -4.48<br>-4.48 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.74<br>20.95 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.33 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.34 | |
| | | | 検定値(短期) | | | 0.30 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.34 | |
| | Y3 | 欧州赤松集成材<br>120×120 | 13.80<br>15.43(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | OK | -11.52<br>-11.52 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.80<br>15.43 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.29 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.30 | |
| | | | 検定値(短期) | | | 0.22 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.25 | |
| | X6<br>Y3 | 欧州赤松集成材<br>120×120 | 18.34<br>80.41(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | OK | 15.08<br>15.08 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 18.34<br>49.37 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.38 | | 検定値(柱頭) | | 0.68 | | 検定値 | | — | | 検定値(長期) | | 0.40 | |
| | | | 検定値(短期) | | | 0.91 | | 検定値(柱脚) | | 0.68 | | | | | | 検定値(短期) | | 0.81 | |
| | X7<br>Y3 | 欧州赤松集成材<br>120×120 | 24.71<br>61.01(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-0.37 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 24.71<br>42.86 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.63 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.54 | |
| | | | 検定値(短期) | | | 0.86 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.70 | |
| | 又X7<br>Y3 | 欧州赤松集成材<br>120×120 | 16.34<br>18.52(S) | 97.4 | 3.36<br>4.89 | 48.37<br>70.36 | OK | -13.70<br>-13.70 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 16.34<br>18.52 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.34 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.36 | |
| | | | 検定値(短期) | | | 0.26 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.30 | |
| | X9<br>Y3 | 欧州赤松集成材<br>120×180 | 41.86<br>52.27(K) | 106.9 | 2.23<br>4.06 | 48.21<br>87.66 | OK | —<br>-33.27 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 41.86<br>47.07 | 73.81<br>98.67 | OK |
| | | | 検定値(長期) | | | 0.87 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.57 | |
| | | | 検定値(短期) | | | 0.60 | | 検定値(柱脚) | | 0.68 | | | | | | 検定値(短期) | | 0.48 | |
| | 又X14<br>又Y3 | 欧州赤松集成材<br>120×120 | 2.21<br>16.73(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | OK | 5.52<br>5.52 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 2.21<br>9.47 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.05 | | 検定値(柱頭) | | 0.54 | | 検定値 | | — | | 検定値(長期) | | 0.06 | |
| | | | 検定値(短期) | | | 0.22 | | 検定値(柱脚) | | 0.60 | | | | | | 検定値(短期) | | 0.19 | |
| | 又X17<br>又Y3 | 欧州赤松集成材<br>120×120 | 6.99<br>22.05(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 0.72<br>0.72 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.367 | 22.05<br>0.504 | 92.62<br>6.359 | OK | 土台<br>檜 | 6.99<br>19.03 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.14 | | 検定値(柱頭) | | 0.07 | | 検定値 | | 0.32 | | 検定値(長期) | | 0.19 | |
| | | | 検定値(短期) | | | 0.24 | | 検定値(柱脚) | | 0.07 | | | | | | 検定値(短期) | | 0.39 | |
| | 又X19<br>又Y3 | 欧州赤松集成材<br>120×120 | 5.63<br>27.27(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 12.71<br>12.71 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 5.63<br>22.94 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.11 | | 検定値(柱頭) | | 0.79 | | 検定値 | | — | | 検定値(長期) | | 0.12 | |
| | | | 検定値(短期) | | | 0.29 | | 検定値(柱脚) | | 0.78 | | | | | | 検定値(短期) | | 0.37 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X17<br>又Y3 | 欧州赤松集成材<br>120×120 | 3.49<br>12.93(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 9.71<br>9.71 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 3.49<br>11.04 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.07 | | 検定値(柱頭) | | 0.60 | | 検定値 | | — | | 検定値(長期) | | 0.08 | |
| | | | 検定値(短期) | | | 0.14 | | 検定値(柱脚) | | 0.91 | | | | | | 検定値(短期) | | 0.18 | |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 11.48<br>27.23(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -5.13<br>-5.13 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 11.48<br>19.36 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.23 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.25 | |
| | | | 検定値(短期) | | | 0.29 | | 検定値(柱脚) | | 0.33 | | | | | | 検定値(短期) | | 0.32 | |
| | 又X20<br>又 | 欧州赤松集成材<br>120×120 | 10.44<br>38.06(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>7.48 | —<br>HDC-25・30 | —<br>36.70 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.44<br>32.53 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.27 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.23 | |
| | | | 検定値(短期) | | | 0.54 | | 検定値(柱脚) | | 0.44 | | | | | | 検定値(短期) | | 0.53 | |
| | X3<br>又 | 欧州赤松集成材<br>120×120 | 13.94<br>50.24(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | 7.87<br>7.87 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.94<br>32.09 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.28 | | 検定値(柱頭) | | 0.35 | | 検定値 | | — | | 検定値(長期) | | 0.30 | |
| | | | 検定値(短期) | | | 0.56 | | 検定値(柱脚) | | 0.35 | | | | | | 検定値(短期) | | 0.52 | |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 7.45<br>7.45(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -5.39<br>-5.39 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 7.45<br>7.45 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.17 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.16 | |
| | | | 検定値(短期) | | | 0.12 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.12 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 12.35<br>68.28(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>14.02 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 12.35<br>40.32 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.32 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.27 | |
| | | | 検定値(短期) | | | 0.96 | | 検定値(柱脚) | | 0.92 | | | | | | 検定値(短期) | | 0.66 | |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 15.14<br>30.89(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | -3.96<br>-3.96 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.14<br>23.01 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.30 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.33 | |
| | | | 検定値(短期) | | | 0.34 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.38 | |
| | X9 | 欧州赤松集成材<br>120×120 | 18.40<br>47.44(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 4.48<br>4.48 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 18.40<br>32.92 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.36 | | 検定値(柱頭) | | 0.63 | | 検定値 | | — | | 検定値(長期) | | 0.40 | |
| | | | 検定値(短期) | | | 0.51 | | 検定値(柱脚) | | 0.44 | | | | | | 検定値(短期) | | 0.54 | |
| | XO<br>Y4 | 欧州赤松集成材<br>120×120 | 23.96<br>49.09(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | OK | -7.89<br>-7.89 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 23.96<br>36.53 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.50 | | 検定値(柱頭) | | 0.31 | | 検定値 | | — | | 検定値(長期) | | 0.52 | |
| | | | 検定値(短期) | | | 0.56 | | 検定値(柱脚) | | 0.42 | | | | | | 検定値(短期) | | 0.60 | |
| | X1<br>Y4 | 欧州赤松集成材<br>120×120 | 4.09<br>13.17(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | -3.15<br>-3.15 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.09<br>8.63 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.09 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.09 | |
| | | | 検定値(短期) | | | 0.16 | | 検定値(柱脚) | | 0.49 | | | | | | 検定値(短期) | | 0.14 | |
| | 又<br>Y4 | 欧州赤松集成材<br>120×120 | 8.65<br>19.54(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 2.21<br>2.21 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 8.65<br>14.09 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.19 | | 検定値(柱頭) | | 0.10 | | 検定値 | | — | | 検定値(長期) | | 0.19 | |
| | | | 検定値(短期) | | | 0.24 | | 検定値(柱脚) | | 0.10 | | | | | | 検定値(短期) | | 0.23 | |
| | X3<br>Y4 | 欧州赤松集成材<br>120×120 | 29.05<br>52.60(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-12.07 | —<br>HDP-15 | —<br>16.10 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 29.05<br>40.83 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.75 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.63 | |
| | | | 検定値(短期) | | | 0.74 | | 検定値(柱脚) | | 0.42 | | | | | | 検定値(短期) | | 0.67 | |
| | X5<br>Y4 | 欧州赤松集成材<br>180×180 | 109.69<br>118.16(K) | 84.0 | 4.74<br>8.62 | 153.55<br>279.17 | OK | —<br>-83.23 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 109.69<br>113.92 | 115.81<br>154.83 | OK |
| | | | 検定値(長期) | | | 0.71 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.95 | |
| | | | 検定値(短期) | | | 0.42 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.74 | |
| | 又X14<br>又Y4 | 欧州赤松集成材<br>120×120 | 15.55<br>73.85(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 15.94<br>15.94 | HDP-15<br>HDC-15・20 | 16.10<br>27.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.55<br>44.70 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.31 | | 検定値(柱頭) | | 0.99 | | 検定値 | | — | | 検定値(長期) | | 0.34 | |
| | | | 検定値(短期) | | | 0.80 | | 検定値(柱脚) | | 0.83 | | | | | | 検定値(短期) | | 0.73 | |
| | 又X18<br>又Y4 | 欧州赤松集成材<br>120×120 | 18.94<br>43.63(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | -2.15<br>-2.15 | HDP-10<br>HDP-20 | 10.30<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 18.94<br>31.28 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.38 | | 検定値(柱頭) | | 0.31 | | 検定値 | | — | | 検定値(長期) | | 0.52 | |
| | | | 検定値(短期) | | | 0.48 | | 検定値(柱脚) | | 0.31 | | | | | | 検定値(短期) | | 0.64 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | ヌX9<br>ヌY4 | 欧州赤松集成材<br>120×120 | 9.59<br>9.59(S) | 95.7 | 3.54<br>5.15 | 50.94<br>74.09 | OK | -6.92<br>-6.92 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 9.59<br>9.59 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.19 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | 0.21 | |
| | | | 検定値(短期) | | | 0.13 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.16 | |
| | ヌX13<br>ヌY4 | 欧州赤松集成材<br>120×120 | 4.45<br>44.80(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>16.32 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.45<br>24.62 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.11 | | 検定値(柱頭) | | — | | | 検定値 | — | | | 検定値(長期) | 0.10 | |
| | | | 検定値(短期) | | | 0.63 | | 検定値(柱脚) | | 0.94 | | | | | | | 検定値(短期) | 0.40 | |
| | ヌX21<br>ヌY4 | 欧州赤松集成材<br>120×120 | 10.14<br>25.89(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | -1.55<br>-1.55 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.14<br>22.74 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.23 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | 0.28 | |
| | | | 検定値(短期) | | | 0.32 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.46 | |
| | ヌX16<br>ヌY4 | 欧州赤松集成材<br>120×120 | 26.65<br>53.61(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-9.08 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 26.65<br>40.13 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.68 | | 検定値(柱頭) | | — | | | 検定値 | — | | | 検定値(長期) | 0.58 | |
| | | | 検定値(短期) | | | 0.76 | | 検定値(柱脚) | | 0.31 | | | | | | | 検定値(短期) | 0.66 | |
| | ヌX12<br>ヌ | 欧州赤松集成材<br>120×120 | 18.90<br>53.64(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 1.16<br>1.16 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 18.90<br>36.27 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.37 | | 検定値(柱頭) | | 0.07 | | | 検定値 | — | | | 検定値(長期) | 0.41 | |
| | | | 検定値(短期) | | | 0.58 | | 検定値(柱脚) | | 0.09 | | | | | | | 検定値(短期) | 0.59 | |
| | X7<br>ヌ | 欧州赤松集成材<br>120×120 | 37.60<br>55.75(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-19.49 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 37.60<br>46.68 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.97 | | 検定値(柱頭) | | — | | | 検定値 | — | | | 検定値(長期) | 0.82 | |
| | | | 検定値(短期) | | | 0.79 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.76 | |
| | ヌX7<br>ヌ | 欧州赤松集成材<br>120×120 | 11.66<br>29.02(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | -2.23<br>-2.23 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 11.66<br>20.34 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.22 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | 0.25 | |
| | | | 検定値(短期) | | | 0.31 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.33 | |
| | X8<br>ヌ | 欧州赤松集成材<br>120×120 | 13.76<br>66.61(K) | 94.8 | 3.63<br>6.59 | 52.22<br>94.95 | OK | 15.43<br>15.43 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.76<br>40.18 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.26 | | 検定値(柱頭) | | 0.96 | | | 検定値 | — | | | 検定値(長期) | 0.30 | |
| | | | 検定値(短期) | | | 0.70 | | 検定値(柱脚) | | 0.96 | | | | | | | 検定値(短期) | 0.66 | |
| | X9<br>ヌ | 欧州赤松集成材<br>120×120 | 14.15<br>31.50(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | -4.01<br>-4.01 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 14.15<br>22.83 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.28 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | 0.31 | |
| | | | 検定値(短期) | | | 0.34 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.37 | |
| | X0<br>ヌ | 欧州赤松集成材<br>120×120 | 19.28<br>22.28(K) | 126.0 | 1.95<br>3.54 | 28.03<br>50.97 | OK | —<br>-12.98 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 1.207<br>2.874 | 19.28<br>6.359 | 50.97 | OK | 土台<br>檜 | 19.28<br>20.78 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.69 | | 検定値(柱頭) | | — | | | 検定値 | 0.83 | | | 検定値(長期) | 0.42 | |
| | | | 検定値(短期) | | | 0.44 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.34 | |
| | ヌX1<br>ヌ | 欧州赤松集成材<br>120×120 | 6.50<br>6.50(S) | 12.2 | 10.30<br>14.99 | 148.37<br>215.81 | OK | -5.12<br>-5.12 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期) | | | 0.04 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | — | |
| | | | 検定値(短期) | | | 0.03 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | — | |
| | ヌ<br>ヌ | 欧州赤松集成材<br>120×120 | 3.13<br>3.13(S) | 12.2 | 10.30<br>14.99 | 148.37<br>215.81 | OK | -2.77<br>-2.77 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期) | | | 0.02 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | — | |
| | | | 検定値(短期) | | | 0.01 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | — | |
| | X2<br>ヌ | 欧州赤松集成材<br>120×120 | 7.16<br>29.75(K) | 12.2 | 10.30<br>18.73 | 148.37<br>269.76 | OK | 5.41<br>5.41 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | — | — |
| | | | 検定値(長期) | | | 0.05 | | 検定値(柱頭) | | 0.52 | | | 検定値 | — | | | 検定値(長期) | — | |
| | | | 検定値(短期) | | | 0.11 | | 検定値(柱脚) | | 0.52 | | | | | | | 検定値(短期) | — | |
| | X3<br>ヌ | 欧州赤松集成材<br>150×240 | 89.44<br>120.50(K) | 96.7 | 2.84<br>5.16 | 102.14<br>185.70 | OK | —<br>-52.86 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 89.44<br>104.97 | 129.82<br>173.55 | OK |
| | | | 検定値(長期) | | | 0.88 | | 検定値(柱頭) | | — | | | 検定値 | — | | | 検定値(長期) | 0.69 | |
| | | | 検定値(短期) | | | 0.65 | | 検定値(柱脚) | | 0.42 | | | | | | | 検定値(短期) | 0.60 | |
| | ヌX10<br>ヌ | 欧州赤松集成材<br>120×120 | 14.88<br>14.88(S) | 95.7 | 3.54<br>5.15 | 50.94<br>74.09 | OK | -11.17<br>-11.17 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 14.88<br>14.88 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.29 | | 検定値(柱頭) | | 0.00 | | | 検定値 | — | | | 検定値(長期) | 0.32 | |
| | | | 検定値(短期) | | | 0.20 | | 検定値(柱脚) | | 0.00 | | | | | | | 検定値(短期) | 0.24 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X21<br>又 | 欧州赤松集成材<br>120×120 | 3.15<br>3.15(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -2.89<br>-2.89 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 3.15<br>3.15 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.07 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.07 | |
| | | | 検定値(短期) | | 0.05 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.05 | |
| | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 27.35<br>52.04(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | -8.47<br>-8.47 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 27.35<br>39.69 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.55 | | | 検定値(柱頭) | | 0.52 | | 検定値 | | — | | 検定値(長期) | | 0.60 | |
| | | | 検定値(短期) | | 0.58 | | | 検定値(柱脚) | | 0.52 | | | | | | 検定値(短期) | | 0.65 | |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 2.41<br>2.41(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -1.91<br>-1.91 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 2.41<br>2.41 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.05 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.05 | |
| | | | 検定値(短期) | | 0.04 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.04 | |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 4.45<br>14.75(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | OK | 1.42<br>1.42 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.45<br>9.60 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.09 | | | 検定値(柱頭) | | 0.14 | | 検定値 | | — | | 検定値(長期) | | 0.10 | |
| | | | 検定値(短期) | | 0.17 | | | 検定値(柱脚) | | 0.14 | | | | | | 検定値(短期) | | 0.16 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 15.04<br>53.73(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 6.57<br>6.57 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.04<br>34.39 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | 0.30 | | | 検定値(柱頭) | | 0.41 | | 検定値 | | — | | 検定値(長期) | | 0.41 | |
| | | | 検定値(短期) | | 0.58 | | | 検定値(柱脚) | | 0.61 | | | | | | 検定値(短期) | | 0.70 | |
| | 又X22<br>又 | 欧州赤松集成材<br>120×120 | 8.64<br>24.40(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 4.47<br>4.47 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 8.64<br>21.25 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.19 | | | 検定値(柱頭) | | 0.28 | | 検定値 | | — | | 検定値(長期) | | 0.19 | |
| | | | 検定値(短期) | | 0.30 | | | 検定値(柱脚) | | 0.28 | | | | | | 検定値(短期) | | 0.35 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 22.36<br>36.88(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>— | —<br>— | —<br>— | —<br>— | — | —<br>— | —<br>— | — | 土台<br>檜 | 22.36<br>29.62 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.57 | | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.49 | |
| | | | 検定値(短期) | | 0.52 | | | 検定値(柱脚) | | — | | | | | | 検定値(短期) | | 0.48 | |
| | XO | 欧州赤松集成材<br>120×120 | 12.09<br>26.01(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | OK | -9.70<br>-9.70 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.079 | 12.09<br>2.294 | 57.07<br>6.359 | OK | 土台<br>檜 | 12.09<br>19.05 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.39 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | 0.57 | | 検定値(長期) | | 0.26 | |
| | | | 検定値(短期) | | 0.46 | | | 検定値(柱脚) | | 0.54 | | | | | | 検定値(短期) | | 0.31 | |
| | X1 | 欧州赤松集成材<br>120×120 | 10.69<br>16.87(K) | 117.3 | 2.25<br>4.08 | 32.32<br>58.77 | OK | -4.54<br>-4.54 | HMP-140<br>HDP-10 | 12.40<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.69<br>13.78 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.33 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.23 | |
| | | | 検定値(短期) | | 0.29 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.23 | |
| | 又X9<br>又 | 欧州赤松集成材<br>120×120 | 3.97<br>17.63(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>3.91 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 3.97<br>10.80 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.10 | | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.09 | |
| | | | 検定値(短期) | | 0.25 | | | 検定値(柱脚) | | 0.44 | | | | | | 検定値(短期) | | 0.18 | |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 13.47<br>31.62(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | OK | -1.93<br>-1.93 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.47<br>22.54 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.23 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.29 | |
| | | | 検定値(短期) | | 0.30 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.37 | |
| | 又X7<br>又 | 欧州赤松集成材<br>120×120 | 9.92<br>46.22(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 9.08<br>9.08 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 9.92<br>28.07 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.22 | | | 検定値(柱頭) | | 0.56 | | 検定値 | | — | | 検定値(長期) | | 0.22 | |
| | | | 検定値(短期) | | 0.57 | | | 検定値(柱脚) | | 0.56 | | | | | | 検定値(短期) | | 0.46 | |
| | X8<br>又 | 欧州赤松集成材<br>120×120 | 10.35<br>52.91(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | OK | 12.55<br>12.55 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.35<br>31.63 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.22 | | | 検定値(柱頭) | | 0.78 | | 検定値 | | — | | 検定値(長期) | | 0.23 | |
| | | | 検定値(短期) | | 0.62 | | | 検定値(柱脚) | | 0.78 | | | | | | 検定値(短期) | | 0.52 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 13.91<br>39.94(K) | 95.7 | 3.54<br>6.43 | 50.94<br>92.62 | OK | 0.88<br>0.88 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.91<br>26.92 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.27 | | | 検定値(柱頭) | | 0.09 | | 検定値 | | — | | 検定値(長期) | | 0.30 | |
| | | | 検定値(短期) | | 0.43 | | | 検定値(柱脚) | | 0.09 | | | | | | 検定値(短期) | | 0.44 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 1.65<br>1.65(S) | 98.3 | 3.27<br>4.76 | 47.08<br>68.49 | OK | -1.42<br>-1.42 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 1.65<br>1.65 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | 0.04 | | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.04 | |
| | | | 検定値(短期) | | 0.02 | | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.03 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 8.75<br>19.16(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | -2.47<br>-2.47 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 8.75<br>13.95 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.20<br>0.24 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.19<br>0.23 | |
| | 又<br>又 | 欧州赤松集成材<br>120×120 | 9.50<br>17.62(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>2.41 | —<br>HDC-15・20 | —<br>27.10 | —<br>OK | 0.812 | 17.62<br>1.393 | 70.78<br>6.359 | OK | 土台<br>檜 | 9.50<br>16.00 | 36.64<br>48.98 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.24<br>0.25 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.09 | | | 検定値 | 0.47 | | | 検定値(長期)<br>検定値(短期) | 0.26<br>0.33 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 3.14<br>3.14(S) | 98.3 | 3.27<br>4.76 | 47.08<br>68.49 | OK | -2.46<br>-2.46 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 3.14<br>3.14 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.05 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.05 | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×120 | 14.89<br>35.22(K) | 126.0 | 1.95<br>3.54 | 28.03<br>50.97 | OK | —<br>0.06 | —<br>HDP-10 | —<br>10.30 | —<br>OK | 0.604 | 35.22<br>1.439 | 50.97<br>6.359 | OK | 土台<br>檜 | 14.89<br>25.06 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.53<br>0.69 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.01 | | | 検定値 | 0.92 | | | 検定値(長期)<br>検定値(短期) | 0.33<br>0.41 | |
| | X1<br>Y5 | 欧州赤松集成材<br>120×120 | 17.59<br>19.63(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | -12.46<br>-12.46 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 17.59<br>18.61 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.54<br>0.33 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.38<br>0.30 | |
| | 又X21<br>又Y5 | 欧州赤松集成材<br>120×120 | 15.34<br>41.48(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | 1.88<br>1.88 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.34<br>28.41 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.31<br>0.46 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.18<br>0.39 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.33<br>0.46 | |
| | 又X14<br>又Y5 | 欧州赤松集成材<br>120×120 | 6.58<br>21.64(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | OK | 1.28<br>1.28 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 6.58<br>14.11 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.14<br>0.25 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.12<br>0.12 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.14<br>0.23 | |
| | X10<br>又Y5 | 欧州赤松集成材<br>120×120 | 13.38<br>18.04(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | -9.53<br>-9.53 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.38<br>15.71 | 36.64<br>48.98 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.30<br>0.22 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.37<br>0.32 | |
| | X7<br>又Y5 | 欧州赤松集成材<br>120×120 | 20.30<br>49.33(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-3.56 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 20.30<br>34.82 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.52<br>0.70 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.40 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.44<br>0.57 | |
| | 又<br>又Y5 | 欧州赤松集成材<br>120×120 | 10.23<br>39.27(K) | 97.4 | 3.36<br>6.11 | 48.37<br>87.94 | OK | 5.59<br>5.59 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.23<br>24.75 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.21<br>0.45 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.35<br>0.75 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.22<br>0.40 | |
| | X9<br>又Y5 | 欧州赤松集成材<br>120×120 | 21.91<br>40.06(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-13.34 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 21.91<br>30.99 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.56<br>0.57 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.48 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.48<br>0.51 | |
| | 又X20<br>又Y5 | 欧州赤松集成材<br>120×120 | 12.49<br>38.63(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | 4.09<br>4.09 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 12.49<br>25.56 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.25<br>0.43 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.40<br>0.60 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.27<br>0.42 | |
| | 又X12<br>又 | 欧州赤松集成材<br>120×120 | 6.13<br>15.21(K) | 141.6 | 1.54<br>2.80 | 22.21<br>40.38 | OK | —<br>0.33 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 6.13<br>10.67 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.28<br>0.38 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.03 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.13<br>0.17 | |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 2.67<br>2.67(S) | 98.3 | 3.27<br>4.76 | 47.08<br>68.49 | OK | -2.25<br>-2.25 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 2.67<br>2.67 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.06<br>0.04 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.06<br>0.04 | |
| | 又X19<br>又 | 欧州赤松集成材<br>120×120 | 24.71<br>67.15(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-0.97 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 24.71<br>45.93 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.63<br>0.95 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.04 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.54<br>0.75 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X15<br>又 | 欧州赤松集成材<br>120×120 | 18.16<br>39.73(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | OK | -4.83<br>-4.83 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 18.16<br>28.95 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.39 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.40 | |
| | | | 検定値(短期) | | | 0.46 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.47 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 4.46<br>4.46(S) | 102.6 | 2.94<br>4.27 | 42.29<br>61.51 | OK | -3.68<br>-3.68 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 4.46<br>4.46 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.11 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.10 | |
| | | | 検定値(短期) | | | 0.07 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.07 | |
| | X0 | 欧州赤松集成材<br>120×120 | 15.62<br>30.55(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | OK | -6.36<br>-6.36 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.207 | 15.62<br>2.567 | 57.07<br>6.359 | OK | 土台<br>檜 | 15.62<br>23.08 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.50 | | 検定値(柱頭) | | 0.00 | | 検定値 | | 0.68 | | 検定値(長期) | | 0.43 | |
| | | | 検定値(短期) | | | 0.54 | | 検定値(柱脚) | | 0.64 | | | | | | 検定値(短期) | | 0.47 | |
| | X1 | 欧州赤松集成材<br>120×120 | 9.19<br>9.19(S) | 119.1 | 2.18<br>3.17 | 31.39<br>45.66 | OK | -6.32<br>-6.32 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 9.19<br>9.19 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.29 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.20 | |
| | | | 検定値(短期) | | | 0.20 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.15 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 11.60<br>27.76(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>2.22 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 11.60<br>19.68 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.30 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.25 | |
| | | | 検定値(短期) | | | 0.39 | | 検定値(柱脚) | | 0.22 | | | | | | 検定値(短期) | | 0.32 | |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 10.09<br>16.92(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | OK | -4.53<br>-4.53 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.09<br>13.51 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.17 | | 検定値(柱頭) | | 0.32 | | 検定値 | | — | | 検定値(長期) | | 0.22 | |
| | | | 検定値(短期) | | | 0.16 | | 検定値(柱脚) | | 0.32 | | | | | | 検定値(短期) | | 0.22 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 10.64<br>28.79(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 4.35<br>4.35 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.64<br>19.71 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.24 | | 検定値(柱頭) | | 0.67 | | 検定値 | | — | | 検定値(長期) | | 0.23 | |
| | | | 検定値(短期) | | | 0.36 | | 検定値(柱脚) | | 0.20 | | | | | | 検定値(短期) | | 0.32 | |
| | 又X18<br>又 | 欧州赤松集成材<br>120×120 | 15.66<br>30.43(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | -4.71<br>-4.71 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.436 | 30.43<br>0.609 | 90.28<br>6.359 | OK | 土台<br>檜 | 15.66<br>23.05 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.32 | | 検定値(柱頭) | | 0.00 | | 検定値 | | 0.43 | | 検定値(長期) | | 0.43 | |
| | | | 検定値(短期) | | | 0.34 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.47 | |
| | 又X17<br>又 | 欧州赤松集成材<br>120×120 | 8.31<br>29.94(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | 4.54<br>4.54 | HDP-10<br>HDP-15 | 10.30<br>16.10 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 8.31<br>19.12 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.17 | | 検定値(柱頭) | | 0.44 | | 検定値 | | — | | 検定値(長期) | | 0.18 | |
| | | | 検定値(短期) | | | 0.33 | | 検定値(柱脚) | | 0.49 | | | | | | 検定値(短期) | | 0.31 | |
| | X0<br>Y6 | 欧州赤松集成材<br>120×120 | 17.03<br>18.42(S) | 119.1 | 2.18<br>3.17 | 31.39<br>45.66 | OK | -9.26<br>-9.26 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.207 | 17.03<br>2.567 | 57.07<br>6.359 | OK | 土台<br>檜 | 17.03<br>18.42 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.54 | | 検定値(柱頭) | | 0.64 | | 検定値 | | 0.70 | | 検定値(長期) | | 0.37 | |
| | | | 検定値(短期) | | | 0.40 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.30 | |
| | X1<br>Y6 | 欧州赤松集成材<br>120×120 | 9.19<br>9.19(S) | 119.1 | 2.18<br>3.17 | 31.39<br>45.66 | OK | -6.32<br>-6.32 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 9.19<br>9.19 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.29 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.20 | |
| | | | 検定値(短期) | | | 0.20 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.15 | |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 13.05<br>34.68(K) | 96.5 | 3.45<br>6.27 | 49.65<br>90.28 | OK | -0.01<br>-0.01 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 13.05<br>23.87 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.26 | | 検定値(柱頭) | | 0.21 | | 検定値 | | — | | 検定値(長期) | | 0.28 | |
| | | | 検定値(短期) | | | 0.38 | | 検定値(柱脚) | | 0.21 | | | | | | 検定値(短期) | | 0.39 | |
| | X7<br>又Y6 | 欧州赤松集成材<br>120×120 | 20.02<br>44.99(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | OK | -3.50<br>-3.50 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 20.02<br>32.50 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.35 | | 検定値(柱頭) | | 0.32 | | 検定値 | | — | | 検定値(長期) | | 0.44 | |
| | | | 検定値(短期) | | | 0.43 | | 検定値(柱脚) | | 0.32 | | | | | | 検定値(短期) | | 0.53 | |
| | X9<br>又Y6 | 欧州赤松集成材<br>120×120 | 9.88<br>9.88(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -7.73<br>-7.73 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 9.88<br>9.88 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.22 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.22 | |
| | | | 検定値(短期) | | | 0.15 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.16 | |
| | 又X16<br>又Y6 | 欧州赤松集成材<br>120×120 | 15.78<br>58.95(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>9.71 | —<br>HDC-15・20 | —<br>27.10 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.78<br>39.28 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.41 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.34 | |
| | | | 検定値(短期) | | | 0.83 | | 検定値(柱脚) | | 0.40 | | | | | | 検定値(短期) | | 0.64 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X11<br>又Y6 | 欧州赤松集成材<br>120×120 | 14.58<br>30.33(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | OK | -4.34<br>-4.34 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 14.58<br>22.45 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.31<br>0.35 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.32<br>0.37 | |
| | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 15.23<br>24.30(K) | 98.3 | 3.27<br>5.95 | 47.08<br>85.61 | OK | -7.57<br>-7.57 | HDP-15<br>HDP-20 | 16.10<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 15.23<br>19.77 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.32<br>0.28 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.33<br>0.32 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 10.58<br>10.58(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -8.25<br>-8.25 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.58<br>10.58 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.24<br>0.16 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.23<br>0.17 | |
| | X3<br>又 | 欧州赤松集成材<br>150×210 | 70.22<br>85.34(K) | 100.8 | 2.51<br>4.57 | 79.11<br>143.83 | OK | —<br>-45.14 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 70.22<br>77.78 | 112.31<br>150.15 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.89<br>0.59 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.63<br>0.52 | |
| | 又X14<br>又 | 欧州赤松集成材<br>120×120 | 7.09<br>22.15(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 5.24<br>5.24 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.515<br>0.772 | 22.15<br>6.359 | 80.94<br>— | OK | 土台<br>檜 | 7.09<br>19.14 | 36.64<br>48.98 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.16<br>0.27 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.51<br>0.51 | | | 検定値 | 0.40 | | | 検定値(長期)<br>検定値(短期) | 0.19<br>0.39 | |
| | 又X13<br>又 | 欧州赤松集成材<br>120×120 | 1.42<br>1.42(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -1.30<br>-1.30 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.310<br>0.465 | 1.42<br>6.359 | 80.94<br>— | OK | 土台<br>檜 | 1.42<br>1.42 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.03<br>0.02 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | 0.09 | | | 検定値(長期)<br>検定値(短期) | 0.03<br>0.02 | |
| | X0<br>Y7 | 欧州赤松集成材<br>120×180 | 19.55<br>51.55(K) | 126.0 | 1.61<br>2.92 | 34.72<br>63.12 | OK | —<br>-4.67 | —<br>HDP-10 | —<br>10.30 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 19.55<br>35.55 | 73.81<br>98.67 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.56<br>0.82 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.64 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.26<br>0.36 | |
| | X1<br>Y7 | 欧州赤松集成材<br>120×120 | 7.68<br>39.76(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | OK | 2.58<br>2.58 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 7.68<br>23.72 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.24<br>0.70 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.25<br>0.78 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.17<br>0.39 | |
| | 又<br>Y7 | 欧州赤松集成材<br>120×120 | 5.93<br>18.76(K) | 119.1 | 2.18<br>3.96 | 31.39<br>57.07 | OK | 6.13<br>6.13 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 5.93<br>12.34 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.19<br>0.33 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.61<br>0.59 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.13<br>0.20 | |
| | X3<br>Y7 | 欧州赤松集成材<br>120×180 | 34.22<br>56.81(K) | 116.5 | 1.88<br>3.42 | 40.63<br>73.87 | OK | -16.33<br>-16.33 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 34.22<br>45.51 | 73.81<br>98.67 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.84<br>0.77 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.64 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.46<br>0.46 | |
| | 又X4<br>Y7 | 欧州赤松集成材<br>120×120 | 5.52<br>18.35(K) | 119.9 | 2.15<br>3.91 | 30.94<br>56.25 | OK | 6.43<br>6.43 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 5.52<br>11.94 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.18<br>0.33 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.83<br>0.62 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.12<br>0.19 | |
| | 又X13<br>又Y7 | 欧州赤松集成材<br>120×120 | 1.80<br>9.94(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 5.03<br>5.03 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 1.80<br>5.87 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.12 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.49<br>0.70 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.10 | |
| | X9<br>又Y7 | 欧州赤松集成材<br>120×120 | 11.28<br>11.28(S) | 100.0 | 3.09<br>4.50 | 44.51<br>64.75 | OK | -8.79<br>-8.79 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 11.28<br>11.28 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.25<br>0.17 | | | 検定値(柱頭)<br>検定値(柱脚) | 0.00<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.25<br>0.18 | |
| | 又X12<br>又Y7 | 欧州赤松集成材<br>120×120 | 14.61<br>38.13(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>-2.27 | —<br>HDP-20 | —<br>22.20 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 14.61<br>26.37 | 45.80<br>61.23 | OK |
| | | | | | 検定値(長期)<br>検定値(短期) | 0.38<br>0.54 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.04 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | 0.32<br>0.43 | |
| | X5 | 欧州赤松集成材<br>150×210 | 90.82<br>110.58(K) | 96.0 | 2.90<br>5.27 | 91.23<br>165.86 | OK | —<br>-66.02 | —<br>PBH-63 | —<br>63.40 | —<br>OK | — | —<br>— | —<br>— | — | —<br>— | —<br>— | —<br>— | — |
| | | | | | 検定値(長期)<br>検定値(短期) | 1.00<br>0.67 | | | 検定値(柱頭)<br>検定値(柱脚) | —<br>0.00 | | | 検定値 | — | | | 検定値(長期)<br>検定値(短期) | —<br>— | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | 又X11<br>又 | 欧州赤松集成材<br>120×120 | 4.72<br>13.40(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | OK | 2.42<br>2.42 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.698 | 13.40<br>1.101 | 76.89<br>6.359 | OK | 土台<br>檜 | 4.72<br>11.66 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.11<br>0.17 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.24<br>0.24 | | 検定値 | | 0.35 | | 検定値(長期)<br>検定値(短期) | | 0.10<br>0.19 | |
| | X0<br>又 | 欧州赤松集成材<br>120×120 | 16.27<br>38.85(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | -2.27<br>-2.27 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 1.207 | 16.27<br>2.456 | 59.65<br>6.359 | OK | 土台<br>檜 | 16.27<br>27.56 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.50<br>0.65 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | | 0.66 | | 検定値(長期)<br>検定値(短期) | | 0.36<br>0.45 | |
| | X7<br>又 | 欧州赤松集成材<br>120×120 | 39.26<br>64.23(K) | 91.0 | 4.01<br>7.30 | 57.79<br>105.08 | OK | -19.47<br>-19.47 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | 土台<br>檜 | 39.26<br>51.74 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.68<br>0.61 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.32<br>0.32 | | 検定値 | | ー | | 検定値(長期)<br>検定値(短期) | | 0.86<br>0.85 | |
| | X9<br>又 | 欧州赤松集成材<br>120×120 | 12.53<br>23.86(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | -4.08<br>-4.08 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | 土台<br>檜 | 12.53<br>18.19 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.28<br>0.29 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.32<br>0.32 | | 検定値 | | ー | | 検定値(長期)<br>検定値(短期) | | 0.27<br>0.30 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 5.29<br>25.39(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | OK | 5.83<br>5.83 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | 土台<br>檜 | 5.29<br>21.37 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.12<br>0.33 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.36<br>0.57 | | 検定値 | | ー | | 検定値(長期)<br>検定値(短期) | | 0.12<br>0.35 | |
| | 又X10<br>又 | 欧州赤松集成材<br>120×120 | 4.00<br>21.14(K) | 102.6 | 2.94<br>5.34 | 42.29<br>76.89 | OK | 8.77<br>8.77 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | 土台<br>檜 | 4.00<br>16.61 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.09<br>0.27 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.85<br>0.85 | | 検定値 | | ー | | 検定値(長期)<br>検定値(短期) | | 0.09<br>0.27 | |
| | X3<br>Y8 | 欧州赤松集成材<br>120×120 | 27.40<br>30.83(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | -22.46<br>-22.46 | HMP-140<br>HDP-10 | 9.20<br>10.30 | OK<br>OK | ー | ー<br>ー | ー<br>ー | ー | 土台<br>檜 | 27.40<br>29.11 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.84<br>0.52 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | | ー | | 検定値(長期)<br>検定値(短期) | | 0.60<br>0.48 | |
| | 又X4<br>Y8 | 欧州赤松集成材<br>120×120 | 5.14<br>41.44(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | 13.74<br>13.74 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 0.603 | 5.14<br>1.228 | 59.65<br>6.359 | OK | 土台<br>檜 | 5.14<br>23.29 | 36.64<br>48.98 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.16<br>0.69 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.85<br>0.85 | | 検定値 | | 0.28 | | 検定値(長期)<br>検定値(短期) | | 0.14<br>0.48 | |
| | X5<br>Y8 | 欧州赤松集成材<br>120×120 | 16.24<br>33.60(K) | 126.0 | 1.95<br>3.54 | 28.03<br>50.97 | OK | ー<br>-9.46 | ー<br>HDP-10 | ー<br>10.30 | ー<br>OK | 1.006 | 16.24<br>2.395 | 50.97<br>6.359 | OK | 土台<br>檜 | 16.24<br>24.92 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.58<br>0.66 | | | 検定値(柱頭)<br>検定値(柱脚) | | ー<br>0.00 | | 検定値 | | 0.70 | | 検定値(長期)<br>検定値(短期) | | 0.35<br>0.41 | |
| | Y8 | 欧州赤松集成材<br>120×120 | 3.30<br>3.30(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | OK | -2.99<br>-2.99 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.804 | 3.30<br>1.065 | 97.29<br>6.359 | OK | 土台<br>檜 | 3.30<br>3.30 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.06<br>0.04 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | | 0.20 | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.05 | |
| | Y8 | 欧州赤松集成材<br>120×120 | 11.66<br>58.37(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | 15.95<br>15.95 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 1.408 | 11.66<br>1.863 | 97.29<br>6.359 | OK | 土台<br>檜 | 11.66<br>35.02 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.22<br>0.60 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.99<br>0.99 | | 検定値 | | 0.41 | | 検定値(長期)<br>検定値(短期) | | 0.25<br>0.57 | |
| | X6<br>Y8 | 欧州赤松集成材<br>120×120 | 11.68<br>58.39(K) | 93.9 | 3.72<br>6.76 | 53.51<br>97.29 | OK | 15.87<br>15.87 | HDP-15<br>HDP-15 | 16.10<br>16.10 | OK<br>OK | 1.408 | 11.68<br>1.863 | 97.29<br>6.359 | OK | 土台<br>檜 | 11.68<br>35.03 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.22<br>0.60 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.99<br>0.99 | | 検定値 | | 0.41 | | 検定値(長期)<br>検定値(短期) | | 0.25<br>0.57 | |
| | Y8 | 欧州赤松集成材<br>120×120 | 3.77<br>3.77(S) | 93.9 | 3.72<br>5.41 | 53.51<br>77.83 | OK | -3.43<br>-3.43 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.707 | 3.77<br>0.936 | 97.29<br>6.359 | OK | 土台<br>檜 | 3.77<br>3.77 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.07<br>0.05 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.00<br>0.00 | | 検定値 | | 0.19 | | 検定値(長期)<br>検定値(短期) | | 0.08<br>0.06 | |
| | X7<br>Y8 | 欧州赤松集成材<br>120×120 | 15.58<br>69.23(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | ー<br>8.46 | ー<br>HDP-10 | ー<br>10.30 | ー<br>OK | ー | ー<br>ー | ー<br>ー | ー | 土台<br>檜 | 15.58<br>42.41 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.40<br>0.98 | | | 検定値(柱頭)<br>検定値(柱脚) | | ー<br>0.82 | | 検定値 | | ー | | 検定値(長期)<br>検定値(短期) | | 0.34<br>0.69 | |
| | 又<br>Y8 | 欧州赤松集成材<br>120×120 | 9.29<br>51.61(K) | 100.0 | 3.09<br>5.62 | 44.51<br>80.94 | OK | 12.39<br>12.39 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 1.103 | 9.29<br>1.654 | 80.94<br>6.359 | OK | 土台<br>檜 | 9.29<br>30.45 | 45.80<br>61.23 | OK |
| | | | 検定値(長期)<br>検定値(短期) | | 0.21<br>0.64 | | | 検定値(柱頭)<br>検定値(柱脚) | | 0.56<br>0.88 | | 検定値 | | 0.37 | | 検定値(長期)<br>検定値(短期) | | 0.20<br>0.50 | |

| 条件(※1) | | | 座屈 | | | | | 引張(標準計算法)(※2,3) | | | | 短期曲げ | | | | めり込み | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | NL<br>NS | λ | fkL<br>fkS | NkL<br>NkS | 判<br>定 | VτT<br>VτB | 柱頭<br>柱脚 | VaT<br>VaB | 判<br>定 | w | N<br>M | Na<br>Ma | 判<br>定 | 材<br>樹種 | NmL<br>NmS | NmaL<br>NmaS | 判<br>定 |
| 1 | X9<br>Y8 | 欧州赤松集成材<br>120×120 | 10.94<br>53.27(K) | 106.9 | 2.70<br>4.92 | 38.93<br>70.78 | OK | —<br>10.99 | —<br>HDC-25・30 | —<br>36.70 | —<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 10.94<br>32.11 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.28 | | 検定値(柱頭) | | — | | 検定値 | | — | | 検定値(長期) | | 0.24 | |
| | | | 検定値(短期) | | | 0.75 | | 検定値(柱脚) | | 0.67 | | | | | | 検定値(短期) | | 0.52 | |
| | 又X9<br>Y8 | 欧州赤松集成材<br>120×120 | 3.42<br>3.54(S) | 106.9 | 2.70<br>3.93 | 38.93<br>56.63 | OK | —<br>-3.14 | —<br>PBH-63 | —<br>63.40 | —<br>OK | 0.450 | 3.42<br>0.772 | 70.78<br>6.359 | OK | —<br>— | —<br>— | —<br>— | — |
| | | | 検定値(長期) | | | 0.09 | | 検定値(柱頭) | | — | | 検定値 | | 0.17 | | 検定値(長期) | | — | |
| | | | 検定値(短期) | | | 0.06 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | — | |
| | XO<br>Y9 | 欧州赤松集成材<br>120×120 | 8.99<br>51.76(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | 13.04<br>25.87 | HDP-15<br>HDC-25・30 | 16.10<br>36.70 | OK<br>OK | 0.603 | 8.99<br>1.228 | 59.65<br>6.359 | OK | 土台<br>檜 | 8.99<br>43.21 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.27 | | 検定値(柱頭) | | 0.81 | | 検定値 | | 0.34 | | 検定値(長期) | | 0.20 | |
| | | | 検定値(短期) | | | 0.87 | | 検定値(柱脚) | | 0.71 | | | | | | 検定値(短期) | | 0.71 | |
| | 又XO<br>Y9 | 欧州赤松集成材<br>120×120 | 2.08<br>23.47(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | 4.34<br>4.34 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.663 | 2.08<br>1.349 | 59.65<br>6.359 | OK | 土台<br>檜 | 2.08<br>12.78 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.06 | | 検定値(柱頭) | | 0.42 | | 検定値 | | 0.25 | | 検定値(長期) | | 0.05 | |
| | | | 検定値(短期) | | | 0.39 | | 検定値(柱脚) | | 0.81 | | | | | | 検定値(短期) | | 0.21 | |
| | 又X1<br>Y9 | 欧州赤松集成材<br>120×120 | 5.32<br>18.15(K) | 116.6 | 2.27<br>4.13 | 32.72<br>59.50 | OK | 5.37<br>5.37 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 1.695 | 5.32<br>3.458 | 59.50<br>6.359 | OK | 土台<br>檜 | 5.32<br>11.74 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.16 | | 検定値(柱頭) | | 0.52 | | 検定値 | | 0.63 | | 検定値(長期) | | 0.12 | |
| | | | 検定値(短期) | | | 0.31 | | 検定値(柱脚) | | 0.52 | | | | | | 検定値(短期) | | 0.19 | |
| | X3<br>Y9 | 欧州赤松集成材<br>120×120 | 5.38<br>48.15(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | 16.01<br>16.01 | HDP-20<br>HDP-20 | 22.20<br>22.20 | OK<br>OK | 1.605 | 5.38<br>3.265 | 59.65<br>6.359 | OK | 土台<br>檜 | 5.38<br>26.76 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.16 | | 検定値(柱頭) | | 0.72 | | 検定値 | | 0.60 | | 検定値(長期) | | 0.12 | |
| | | | 検定値(短期) | | | 0.81 | | 検定値(柱脚) | | 0.72 | | | | | | 検定値(短期) | | 0.44 | |
| | 又X3<br>Y9 | 欧州赤松集成材<br>120×120 | 2.55<br>23.94(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | 8.14<br>8.14 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | 0.813 | 2.55<br>1.655 | 59.65<br>6.359 | OK | 土台<br>檜 | 2.55<br>13.25 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.08 | | 検定値(柱頭) | | 0.79 | | 検定値 | | 0.30 | | 検定値(長期) | | 0.06 | |
| | | | 検定値(短期) | | | 0.40 | | 検定値(柱脚) | | 0.79 | | | | | | 検定値(短期) | | 0.22 | |
| | 又X4<br>Y9 | 欧州赤松集成材<br>120×120 | 1.70<br>23.09(K) | 116.5 | 2.28<br>4.14 | 32.81<br>59.65 | OK | 9.00<br>15.41 | HDP-15<br>HDC-15・20 | 16.10<br>27.10 | OK<br>OK | 0.407 | 1.70<br>0.828 | 59.65<br>6.359 | OK | 土台<br>檜 | 1.70<br>18.81 | 45.80<br>61.23 | OK |
| | | | 検定値(長期) | | | 0.05 | | 検定値(柱頭) | | 0.56 | | 検定値 | | 0.16 | | 検定値(長期) | | 0.04 | |
| | | | 検定値(短期) | | | 0.39 | | 検定値(柱脚) | | 0.57 | | | | | | 検定値(短期) | | 0.31 | |
| | 又X4<br>又Y9 | 欧州赤松集成材<br>120×120 | 0.04<br>0.06(S) | 116.5 | 2.28<br>3.31 | 32.81<br>47.72 | OK | -0.04<br>-0.04 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 0.04<br>0.06 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.00 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.00 | |
| | | | 検定値(短期) | | | 0.00 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.00 | |
| | XO | 欧州赤松集成材<br>120×120 | 0.03<br>0.04(S) | 116.5 | 2.28<br>3.31 | 32.81<br>47.72 | OK | -0.03<br>-0.03 | HDP-10<br>HDP-10 | 10.30<br>10.30 | OK<br>OK | — | —<br>— | —<br>— | — | 土台<br>檜 | 0.03<br>0.04 | 36.64<br>48.98 | OK |
| | | | 検定値(長期) | | | 0.00 | | 検定値(柱頭) | | 0.00 | | 検定値 | | — | | 検定値(長期) | | 0.00 | |
| | | | 検定値(短期) | | | 0.00 | | 検定値(柱脚) | | 0.00 | | | | | | 検定値(短期) | | 0.00 | |

# 断面検定表

## (2) 梁

[使用記号]

Z：断面係数(cm^3)
I：断面二次モーメント(cm^4)
ML：長期最大曲げモーメント(kN・m)
MS：短期最大曲げモーメント(kN・m)
MaL：長期許容曲げモーメント(kN・m)
MaS：短期許容曲げモーメント(kN・m)
QL：長期最大せん断力(kN)
QS：短期最大せん断力(kN)
QaL：長期許容せん断力(kN)
QaS：短期許容せん断力(kN)
δL：長期最大たわみ量(cm)
δS：短期最大たわみ量(cm)
δaL：長期許容たわみ量(cm)
δaS：短期許容たわみ量(cm)
QiLs,QiLe：接合部の長期せん断力(kN)
QiSs,QiSe：接合部の短期せん断力(kN)
Tis,Tie：接合部の短期引張力(kN)
QiaLs,QiaLe：接合部の長期許容せん断力(kN)
QiaSs,QiaSe：接合部の短期許容せん断力(kN)
Tias,Tiae：接合部の短期許容引張力(kN)

※1　木材の基準強度および許容応力度は計算書「使用材料及び許容応力度の木材」を参照
※2　梁の分布荷重、集中荷重は計算書「梁の設計」を参照

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種 | 長期 | Z | ML | MaL | 判 | QL | QaL | 判 | δL | δaL | 判 | 始点側(s) | | QjLs | QjaLs | QjSs | QjaSs | Tis | Tias | 判 |
| | | B×D | 短期 | I | MS | MaS | 定 | QS | QaS | 定 | δS | δaS | 定 | 終点側(e) | | QjLe | QjaLe | QjSe | QjaSe | Tie | Tiae | 定 |
| 2 | Y1 | 欧州赤松集成材 | G+P | 3528 | 0.12 | 37.26 | OK | 0.55 | 36.96 | OK | 0.00 | 0.23 | OK | TH-33 | | 0.55 | 22.83 | 0.69 | 33.20 | － | － | OK |
| | XO又X1 | 120×420 | G+P+S | 74088 | 0.16 | 54.19 | OK | 0.69 | 53.76 | OK | 0.00 | 0.61 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | Y1 | 杉 | G+P | 288 | 0.06 | 3.67 | OK | 0.28 | 6.34 | OK | 0.00 | 0.15 | OK | TH-10 | | 0.28 | 4.40 | 0.28 | 6.40 | － | － | OK |
| | XO又X1 | 120×120 | G+P+S | 1728 | 0.06 | 5.35 | OK | 0.28 | 9.22 | OK | 0.00 | 0.40 | OK | TH-10 | | 0.28 | 4.40 | 0.28 | 6.40 | － | － | OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | Y1 | 欧州赤松集成材 | G+P | 3528 | 0.25 | 37.26 | OK | 0.95 | 36.96 | OK | 0.00 | 0.26 | OK | － | | － | － | － | － | － | － | － |
| | 又X1又 | 120×420 | G+P+S | 74088 | 0.29 | 54.19 | OK | 1.12 | 53.76 | OK | 0.00 | 0.70 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | Y1 | 欧州赤松集成材 | G+P | 3528 | 3.27 | 33.53 | OK | 4.42 | 36.96 | OK | 0.03 | 0.68 | OK | － | | － | － | － | － | － | － | － |
| | 又又X3 | 120×420 | G+P+S | 74088 | 4.48 | 48.77 | OK | 5.90 | 53.76 | OK | 0.05 | 1.82 | OK | TH-33 | | 4.42 | 22.83 | 5.90 | 33.20 | 8.41 | 40.30 | OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.11 | | | 0.02 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.18 | 引張 | 0.21 | | |
| | Y1 | 欧州赤松集成材 | G+P | 3528 | 3.27 | 33.53 | OK | 4.42 | 36.96 | OK | 0.03 | 0.68 | OK | TH-33 | | 4.42 | 22.83 | 5.90 | 33.20 | 8.41 | 40.30 | OK |
| | 又X3X5 | 120×420 | G+P+S | 74088 | 4.48 | 48.77 | OK | 5.90 | 53.76 | OK | 0.05 | 1.82 | OK | TH-33 | | 3.45 | 22.83 | 4.41 | 33.20 | － | － | OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.18 | 引張 | 0.21 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.11 | | | 0.02 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | Y1 | 杉 | G+P | 288 | 0.06 | 3.67 | OK | 0.28 | 6.34 | OK | 0.00 | 0.15 | OK | TH-10 | | 0.28 | 4.40 | 0.28 | 6.40 | － | － | OK |
| | X5 | 120×120 | G+P+S | 1728 | 0.06 | 5.35 | OK | 0.28 | 9.22 | OK | 0.00 | 0.40 | OK | TH-10 | | 0.28 | 4.40 | 0.28 | 6.40 | － | － | OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | Y1 | 欧州赤松集成材 | G+P | 3528 | 0.12 | 37.26 | OK | 0.55 | 36.96 | OK | 0.00 | 0.23 | OK | TH-33 | | 0.55 | 22.83 | 0.69 | 33.20 | － | － | OK |
| | X5 | 120×420 | G+P+S | 74088 | 0.16 | 54.19 | OK | 0.69 | 53.76 | OK | 0.00 | 0.61 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | Y1 | 欧州赤松集成材 | G+P | 3528 | 0.25 | 37.26 | OK | 0.95 | 36.96 | OK | 0.00 | 0.26 | OK | － | | － | － | － | － | － | － | － |
| | 又 | 120×420 | G+P+S | 74088 | 0.29 | 54.19 | OK | 1.12 | 53.76 | OK | 0.00 | 0.70 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | Y1 | 欧州赤松集成材 | G+P | 3528 | 3.27 | 33.53 | OK | 4.42 | 36.96 | OK | 0.03 | 0.68 | OK | － | | － | － | － | － | － | － | － |
| | 又又X6 | 120×420 | G+P+S | 74088 | 4.48 | 48.77 | OK | 5.90 | 53.76 | OK | 0.05 | 1.82 | OK | TH-33 | | 4.42 | 22.83 | 5.90 | 33.20 | 6.15 | 40.30 | OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.11 | | | 0.02 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.18 | 引張 | 0.15 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | Y1<br>又X6又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.54<br>3.53 | 33.53<br>48.77 | OK<br>OK | 3.62<br>4.86 | 36.96<br>53.76 | OK<br>OK | 0.02<br>0.02 | 0.54<br>1.43 | OK<br>OK | TH-33<br>— | 3.62<br>— | 22.83<br>— | 4.86<br>— | 33.20<br>— | 6.15<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.08 | | | 0.10 | | | 0.03 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.15 | 引張 | 0.15 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.09 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y1<br>又X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.07<br>1.50 | 33.53<br>48.77 | OK<br>OK | 2.42<br>3.27 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | —<br>TH-33 | —<br>2.14 | —<br>22.83 | —<br>2.84 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.00 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.00<br>0.00 | 16.04<br>23.33 | OK<br>OK | 0.00<br>0.00 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X0又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X5又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>又X8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | TH-10<br>TH-10 | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又Y2<br>X8X9 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.00<br>0.00 | 16.04<br>23.33 | OK<br>OK | 0.00<br>0.00 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | OK<br>OK | TH-24<br>— | 0.00<br>— | 12.49<br>— | 0.00<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 12.67 | OK | 0.00 | 21.12 | OK | 0.00 | 0.35 | OK | — | | — | — | — | — | — | — | — |
| | 又又X2 | 120×240 | G+P+S | 13824 | 0.00 | 18.43 | OK | 0.00 | 30.72 | OK | 0.00 | 0.92 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 12.67 | OK | 0.00 | 21.12 | OK | 0.00 | 0.11 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | 又X2X3 | 120×240 | G+P+S | 13824 | 0.00 | 18.43 | OK | 0.00 | 30.72 | OK | 0.00 | 0.29 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 12.67 | OK | 0.00 | 21.12 | OK | 0.00 | 0.35 | OK | — | | — | — | — | — | — | — | — |
| | X3又 | 120×240 | G+P+S | 13824 | 0.00 | 18.43 | OK | 0.00 | 30.72 | OK | 0.00 | 0.92 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 12.67 | OK | 0.00 | 21.12 | OK | 0.00 | 0.08 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | 又又 | 120×240 | G+P+S | 13824 | 0.00 | 18.43 | OK | 0.00 | 30.72 | OK | 0.00 | 0.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 11.40 | OK | 0.00 | 21.12 | OK | 0.00 | 0.38 | OK | — | | — | — | — | — | — | — | — |
| | 又又 | 120×240 | G+P+S | 13824 | 0.00 | 16.59 | OK | 0.00 | 30.72 | OK | 0.00 | 1.00 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 11.40 | OK | 0.00 | 21.12 | OK | 0.00 | 0.31 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | 又 | 120×240 | G+P+S | 13824 | 0.00 | 16.59 | OK | 0.00 | 30.72 | OK | 0.00 | 0.82 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | 欧州赤松集成材 | G+P | 1152 | 0.00 | 12.67 | OK | 0.00 | 21.12 | OK | 0.00 | 0.15 | OK | — | | — | — | — | — | — | — | — |
| | 又 | 120×240 | G+P+S | 13824 | 0.00 | 18.43 | OK | 0.00 | 30.72 | OK | 0.00 | 0.39 | OK | TH-24 | | 0.00 | 12.49 | 0.00 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | OK | 0.00 | 13.20 | OK | 0.00 | 0.19 | OK | TH-10 | | 0.00 | 4.18 | 0.00 | 6.08 | — | — | OK |
| | X8X9 | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | OK | 0.00 | 19.20 | OK | 0.00 | 0.52 | OK | TH-10 | | 0.00 | 4.18 | 0.00 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | Y3 | 欧州赤松集成材 | G+P | 3528 | 0.37 | 37.26 | OK | 0.82 | 36.96 | OK | 0.00 | 0.46 | OK | TH-33 | | 0.82 | 22.83 | 0.82 | 33.20 | 1.98 | 40.30 | OK |
| | X0又 | 120×420 | G+P+S | 74088 | 0.37 | 54.19 | OK | 0.82 | 53.76 | OK | 0.00 | 1.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.02 | 引張 | 0.05 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3 | 欧州赤松集成材 | G+P | 3528 | 0.47 | 33.53 | OK | 3.90 | 36.96 | OK | 0.00 | 0.14 | OK | — | | — | — | — | — | — | — | — |
| | 又又 | 120×420 | G+P+S | 74088 | 0.71 | 48.77 | OK | 5.85 | 53.76 | OK | 0.00 | 0.38 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.01 | | | 0.11 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.11 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3 | 欧州赤松集成材 | G+P | 1800 | 0.29 | 19.80 | OK | 0.63 | 26.40 | OK | 0.00 | 0.46 | OK | TH-24 | | 0.63 | 19.20 | 0.97 | 27.92 | — | — | OK |
| | 又又X2 | 120×300 | G+P+S | 27000 | 0.44 | 28.80 | OK | 0.97 | 38.40 | OK | 0.01 | 1.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3 | 欧州赤松集成材 | G+P | 3528 | 1.81 | 33.53 | OK | 4.38 | 36.96 | OK | 0.01 | 0.46 | OK | — | | — | — | — | — | — | — | — |
| | 又X3 | 120×420 | G+P+S | 74088 | 2.62 | 48.77 | OK | 6.29 | 53.76 | OK | 0.01 | 1.21 | OK | TH-33 | | 4.38 | 22.83 | 6.29 | 33.20 | 1.98 | 40.30 | OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.12 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.19 | 引張 | 0.05 | | |
| | Y3 | 欧州赤松集成材 | G+P | 1800 | 0.36 | 17.82 | OK | 1.05 | 26.40 | OK | 0.01 | 0.46 | OK | — | | — | — | — | — | — | — | — |
| | 又X2又 | 120×300 | G+P+S | 27000 | 0.55 | 25.92 | OK | 1.60 | 38.40 | OK | 0.01 | 1.21 | OK | TH-24 | | 1.05 | 19.20 | 1.60 | 27.92 | — | — | OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | Y3 | 欧州赤松集成材 | G+P | 3528 | 3.29 | 33.53 | OK | 4.07 | 36.96 | OK | 0.02 | 0.57 | OK | TH-33 | | 3.03 | 22.83 | 4.09 | 33.20 | — | — | OK |
| | X3又X4 | 120×420 | G+P+S | 74088 | 4.74 | 48.77 | OK | 5.68 | 53.76 | OK | 0.03 | 1.53 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.10 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.11 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3 | 欧州赤松集成材 | G+P | 3528 | 0.09 | 37.26 | OK | 0.41 | 36.96 | OK | 0.00 | 0.23 | OK | — | | — | — | — | — | — | — | — |
| | 又X4X5 | 120×420 | G+P+S | 74088 | 0.09 | 54.19 | OK | 0.41 | 53.76 | OK | 0.00 | 0.61 | OK | TH-33 | | 0.41 | 22.83 | 0.41 | 33.20 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | |
| 2 | Y3<br>X5又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.21<br>0.21 | 37.26<br>54.19 | OK<br>OK | 0.62<br>0.62 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | TH-33<br>— | 0.62<br>— | 22.83<br>— | 0.62<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— | |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.28<br>1.90 | 29.80<br>43.35 | OK<br>OK | 3.34<br>4.89 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.68 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | |
| | | | | 検定値(長期) | | 0.04 | | | 0.09 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又又X6 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.85<br>2.70 | 33.53<br>48.77 | OK<br>OK | 4.49<br>6.46 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | OK<br>OK | —<br>TH-33 | —<br>4.49 | —<br>22.83 | —<br>6.46 | —<br>33.20 | —<br>1.98 | —<br>40.30 | —<br>OK | |
| | | | | 検定値(長期) | | 0.06 | | | 0.12 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.19 | 引張 | 0.05 | | |
| | Y3<br>又X6又X7 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 3.62<br>5.25 | 29.80<br>43.35 | OK<br>OK | 4.86<br>6.91 | 36.96<br>53.76 | OK<br>OK | 0.03<br>0.04 | 0.57<br>1.53 | OK<br>OK | TH-33<br>— | 3.27<br>— | 22.83<br>— | 4.46<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— | |
| | | | | 検定値(長期) | | 0.12 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.13 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.34<br>0.52 | 4.46<br>6.48 | OK<br>OK | 0.74<br>1.14 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.06 | 0.46<br>1.21 | OK<br>OK | TH-10<br>— | 0.74<br>— | 4.40<br>— | 1.14<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— | |
| | | | | 検定値(長期) | | 0.08 | | | 0.06 | | | 0.08 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.06 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又X7X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.76<br>2.53 | 33.53<br>48.77 | OK<br>OK | 2.62<br>3.61 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.01 | 0.42<br>1.12 | OK<br>OK | —<br>TH-33 | —<br>2.62 | —<br>22.83 | —<br>3.61 | —<br>33.20 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | Y3<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.32<br>0.49 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | —<br>TH-10 | —<br>0.32 | —<br>4.40 | —<br>0.49 | —<br>6.40 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | X0X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 1.05<br>2.00 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.80<br>2.00 | OK<br>OK | TH-18<br>TH-18 | 0.00<br>0.00 | 8.42<br>8.42 | 0.00<br>0.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X0X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 1.05<br>2.00 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.80<br>2.00 | OK<br>OK | TH-18<br>TH-18 | 0.00<br>0.00 | 8.42<br>8.42 | 0.00<br>0.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | Y4<br>X0X2 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 3.33<br>3.88 | 19.80<br>28.80 | OK<br>OK | 3.64<br>4.06 | 26.40<br>38.40 | OK<br>OK | 0.11<br>0.13 | 0.55<br>1.47 | OK<br>OK | TH-24<br>TH-24 | 3.39<br>3.64 | 19.20<br>19.20 | 3.68<br>4.06 | 27.92<br>27.92 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.17 | | | 0.14 | | | 0.20 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.13 | | | 0.11 | | | 0.09 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | Y4<br>X2X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.14<br>0.14 | 19.80<br>28.80 | OK<br>OK | 0.64<br>0.64 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>— | 0.64<br>— | 19.20<br>— | 0.64<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— | |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y4<br>X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.23<br>0.23 | 19.80<br>28.80 | OK<br>OK | 0.82<br>0.82 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y4<br>又X4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.27<br>0.27 | 19.80<br>28.80 | OK<br>OK | 1.04<br>1.04 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | Y4<br>又X4X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.27<br>0.27 | 19.80<br>28.80 | OK<br>OK | 1.04<br>1.04 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | OK<br>OK | ー<br>TH-24 | ー<br>1.04 | ー<br>19.20 | ー<br>1.04 | ー<br>27.92 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | Y4<br>X5又X7 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 3.53<br>5.44 | 25.70<br>37.38 | OK<br>OK | 1.79<br>2.77 | 34.32<br>49.92 | OK<br>OK | 0.26<br>0.41 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 1.79<br>1.78 | 22.83<br>21.67 | 2.77<br>2.75 | 33.20<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.05 | | | 0.18 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.15 | | | 0.06 | | | 0.20 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | Y4<br>又X7X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又Y4<br>X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.13<br>0.13 | 4.95<br>7.20 | OK<br>OK | 0.59<br>0.59 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.59<br>0.59 | 4.18<br>4.18 | 0.59<br>0.59 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | 又Y4<br>X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.21 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.21<br>0.21 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X0X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.37<br>1.37 | 9.70<br>14.11 | OK<br>OK | 1.66<br>1.66 | 18.48<br>26.88 | OK<br>OK | 0.10<br>0.10 | 0.55<br>1.47 | OK<br>OK | TH-18<br>TH-18 | 1.66<br>1.66 | 8.42<br>8.42 | 1.66<br>1.66 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.09 | | | 0.18 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.06 | | | 0.07 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.56<br>0.56 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 0.56<br>0.56 | 4.18<br>4.18 | 0.56<br>0.56 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | 又<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.03<br>4.71 | 18.40<br>26.76 | OK<br>OK | 1.54<br>2.39 | 29.04<br>42.24 | OK<br>OK | 0.37<br>0.58 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 1.54<br>1.53 | 21.67<br>22.83 | 2.39<br>2.38 | 31.52<br>33.20 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.05 | | | 0.25 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.18 | | | 0.06 | | | 0.29 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.25<br>0.25 | 7.13<br>10.37 | OK<br>OK | 0.68<br>0.68 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.00 | OK<br>OK | TH-18<br>ー | 0.68<br>ー | 13.37<br>ー | 0.68<br>ー | 19.44<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.04 | | | 0.04 | | | 0.03 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | ー<br>TH-18 | ー<br>0.00 | ー<br>13.37 | ー<br>0.00 | ー<br>19.44 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又<br>X0又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.21<br>0.21 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | 又<br>X0又X1 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.12<br>0.12 | 9.70<br>14.11 | OK<br>OK | 0.54<br>0.54 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-18<br>ー | 0.54<br>ー | 8.42<br>ー | 0.54<br>ー | 12.24<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | 又<br>又X1又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.48<br>0.48 | 9.70<br>14.11 | OK<br>OK | 1.30<br>1.30 | 18.48<br>26.88 | OK<br>OK | 0.01<br>0.01 | 0.25<br>0.66 | OK<br>OK | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.04 | | 検定値(始点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | 又<br>又X2 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.21<br>0.21 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | 又<br>又X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.12<br>0.12 | 9.70<br>14.11 | OK<br>OK | 0.54<br>0.54 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | ー<br>TH-18 | ー<br>0.54 | ー<br>8.42 | ー<br>0.54 | ー<br>12.24 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | |
| 2 | X0X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.73<br>1.73 | 9.70<br>14.11 | OK<br>OK | 2.10<br>2.10 | 18.48<br>26.88 | OK<br>OK | 0.13<br>0.13 | 0.55<br>1.47 | OK<br>OK | TH-18<br>TH-18 | 2.10<br>2.10 | 8.42<br>8.42 | 2.10<br>2.10 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.18 | | | 0.11 | | | 0.23 | | 検定値(始点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.08 | | | 0.09 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.39<br>0.39 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.39<br>0.39 | 4.18<br>4.18 | 0.39<br>0.39 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.56<br>0.56 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 0.56<br>0.56 | 4.18<br>4.18 | 0.56<br>0.56 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | X0X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.02<br>2.02 | 9.70<br>14.11 | OK<br>OK | 2.45<br>2.45 | 18.48<br>26.88 | OK<br>OK | 0.15<br>0.15 | 0.55<br>1.47 | OK<br>OK | TH-18<br>TH-18 | 2.45<br>2.45 | 8.42<br>8.42 | 2.45<br>2.45 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.21 | | | 0.13 | | | 0.27 | | 検定値(始点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.14 | | | 0.09 | | | 0.10 | | 検定値(終点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | X2X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.18<br>0.18 | 4.95<br>7.20 | OK<br>OK | 0.80<br>0.80 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.80<br>0.80 | 4.18<br>4.40 | 0.80<br>0.80 | 6.08<br>6.40 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | OK<br>OK | 1.06<br>1.06 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 1.06<br>1.06 | 4.40<br>4.18 | 1.06<br>1.06 | 6.40<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.05 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | 又<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.53<br>5.49 | 18.40<br>26.76 | OK<br>OK | 1.80<br>2.79 | 29.04<br>42.24 | OK<br>OK | 0.43<br>0.68 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 1.80<br>1.78 | 21.67<br>21.67 | 2.79<br>2.78 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.19 | | | 0.06 | | | 0.29 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.21 | | | 0.07 | | | 0.34 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.25<br>0.25 | 7.13<br>10.37 | OK<br>OK | 0.68<br>0.68 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.00 | OK<br>OK | TH-18<br>TH-18 | 0.68<br>0.68 | 8.42<br>8.42 | 0.68<br>0.68 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.04 | | | 0.04 | | | 0.03 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.35 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | TH-10<br>TH-10 | 0.35<br>0.35 | 4.18<br>4.18 | 0.35<br>0.35 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | Y5<br>X0又X1 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.18<br>0.18 | 9.70<br>14.11 | OK<br>OK | 0.79<br>0.79 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-18<br>— | 0.79<br>— | 13.37<br>— | 0.79<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— | |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y5<br>X0又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.21<br>0.21 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | Y5<br>又X1又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.18<br>1.47 | 9.70<br>14.11 | OK<br>OK | 3.27<br>3.97 | 18.48<br>26.88 | OK<br>OK | 0.02<br>0.03 | 0.25<br>0.66 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | |
| | | | | 検定値(長期) | | 0.12 | | | 0.18 | | | 0.09 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.15 | | | 0.04 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y5<br>又X2 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.18<br>0.18 | 9.70<br>14.11 | OK<br>OK | 0.79<br>0.79 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y5<br>又X2 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.21<br>0.21 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.21<br>0.21 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | Y5<br>X2X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.09<br>0.09 | 9.70<br>14.11 | OK<br>OK | 0.39<br>0.39 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-18 | —<br>0.39 | —<br>8.42 | —<br>0.39 | —<br>12.24 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | Y5<br>X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.15<br>0.15 | 9.70<br>14.11 | OK<br>OK | 0.56<br>0.56 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-18<br>— | 0.56<br>— | 8.42<br>— | 0.56<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y5<br>又X4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.16<br>0.16 | 9.70<br>14.11 | OK<br>OK | 0.61<br>0.61 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y5<br>又X4X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.16<br>0.16 | 9.70<br>14.11 | OK<br>OK | 0.61<br>0.61 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | OK<br>OK | —<br>TH-18 | —<br>0.61 | —<br>13.37 | —<br>0.61 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | 又Y5<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 4.15<br>6.14 | 18.40<br>26.76 | OK<br>OK | 2.90<br>3.91 | 29.04<br>42.24 | OK<br>OK | 0.50<br>0.75 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 1.97<br>2.90 | 21.67<br>22.83 | 2.98<br>3.91 | 31.52<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.10 | | | 0.34 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.23 | | | 0.09 | | | 0.37 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | 又Y5<br>又X7又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.09<br>0.09 | 12.67<br>18.43 | OK<br>OK | 0.41<br>0.41 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-24<br>— | 0.41<br>— | 19.20<br>— | 0.41<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又Y5<br>又X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.21<br>0.21 | 11.40<br>16.59 | OK<br>OK | 0.62<br>0.62 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | —<br>TH-24 | —<br>0.62 | —<br>19.20 | —<br>0.62 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | XOX3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.58<br>3.58 | 14.43<br>21.00 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | OK<br>OK | 0.23<br>0.23 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 3.35<br>3.34 | 12.49<br>12.49 | 3.35<br>3.34 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.25 | | | 0.14 | | | 0.33 | | 検定値(始点側) | 長期 | 0.27 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.17 | | | 0.10 | | | 0.12 | | 検定値(終点側) | 長期 | 0.27 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | X3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.13<br>0.13 | 7.13<br>10.37 | OK<br>OK | 0.47<br>0.47 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-18<br>— | 0.47<br>— | 8.42<br>— | 0.47<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.24<br>1.24 | 7.13<br>10.37 | OK<br>OK | 2.36<br>2.36 | 15.84<br>23.04 | OK<br>OK | 0.07<br>0.07 | 0.35<br>0.93 | OK<br>OK | —<br>TH-18 | —<br>2.36 | —<br>8.42 | —<br>2.36 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.17 | | | 0.15 | | | 0.21 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.10 | | | 0.08 | | 検定値(終点側) | 長期 | 0.28 | 短期せん断 | 0.19 | 引張 | 0.00 | | |
| | 又<br>X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.38<br>0.38 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 0.38<br>0.38 | 4.18<br>4.18 | 0.38<br>0.38 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | XOX3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.52<br>3.52 | 16.04<br>23.33 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 3.35<br>3.35 | 12.49<br>12.49 | 3.35<br>3.35 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.22 | | | 0.14 | | | 0.29 | | 検定値(始点側) | 長期 | 0.27 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.15 | | | 0.10 | | | 0.11 | | 検定値(終点側) | 長期 | 0.27 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.91<br>1.91 | 8.73<br>12.70 | OK<br>OK | 2.32<br>2.32 | 18.48<br>26.88 | OK<br>OK | 0.15<br>0.15 | 0.53<br>1.42 | OK<br>OK | TH-18<br>TH-18 | 2.19<br>2.32 | 8.42<br>8.42 | 2.19<br>2.32 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.22 | | | 0.13 | | | 0.28 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.15 | | | 0.09 | | | 0.11 | | 検定値(終点側) | 長期 | 0.28 | 短期せん断 | 0.19 | 引張 | 0.00 | | |
| | Y6<br>XOX3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.52<br>3.52 | 16.04<br>23.33 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 3.35<br>3.35 | 19.20<br>19.20 | 3.35<br>3.35 | 27.92<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.22 | | | 0.14 | | | 0.29 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.15 | | | 0.10 | | | 0.11 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | Y6<br>X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.35<br>0.35 | 9.70<br>14.11 | OK<br>OK | 1.25<br>1.25 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-18<br>— | 1.25<br>— | 13.37<br>— | 1.25<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.02 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y6<br>X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.34<br>1.34 | 9.70<br>14.11 | OK<br>OK | 2.56<br>2.56 | 18.48<br>26.88 | OK<br>OK | 0.05<br>0.05 | 0.35<br>0.93 | OK<br>OK | —<br>TH-18 | —<br>2.56 | —<br>8.42 | —<br>2.56 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.14 | | | 0.14 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.10 | | | 0.05 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.21 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | Y6<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.84<br>5.97 | 18.40<br>26.76 | OK<br>OK | 1.95<br>3.04 | 29.04<br>42.24 | OK<br>OK | 0.47<br>0.73 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 1.95<br>1.94 | 21.67<br>21.67 | 3.04<br>3.02 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.21 | | | 0.07 | | | 0.32 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.10 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.22 | | | 0.07 | | | 0.37 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.10 | 引張 | 0.00 | |
| | Y6<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | X0X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 3.52<br>3.52 | 16.04<br>23.33 | OK<br>OK | 3.35<br>3.35 | 23.76<br>34.56 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 3.35<br>3.35 | 12.49<br>12.49 | 3.35<br>3.35 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.22 | | | 0.14 | | | 0.29 | | 検定値(始点側) | 長期 | 0.27 | 短期せん断 | 0.18 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.15 | | | 0.10 | | | 0.11 | | 検定値(終点側) | 長期 | 0.27 | 短期せん断 | 0.18 | 引張 | 0.00 | |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.89<br>1.89 | 9.70<br>14.11 | OK<br>OK | 2.37<br>2.37 | 18.48<br>26.88 | OK<br>OK | 0.13<br>0.13 | 0.53<br>1.42 | OK<br>OK | TH-18<br>TH-18 | 2.37<br>2.37 | 8.42<br>8.42 | 2.37<br>2.37 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.20 | | | 0.13 | | | 0.25 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | 0.19 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.13 | | | 0.09 | | | 0.09 | | 検定値(終点側) | 長期 | 0.28 | 短期せん断 | 0.19 | 引張 | 0.00 | |
| | Y7<br>X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 6.58<br>7.35 | 19.80<br>28.80 | OK<br>OK | 5.66<br>6.06 | 26.40<br>38.40 | OK<br>OK | 0.37<br>0.41 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 5.66<br>5.56 | 12.49<br>12.49 | 6.06<br>5.91 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.33 | | | 0.21 | | | 0.53 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | 0.33 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.26 | | | 0.16 | | | 0.22 | | 検定値(終点側) | 長期 | 0.44 | 短期せん断 | 0.33 | 引張 | 0.00 | |
| | Y7<br>X3X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.71<br>4.16 | 12.67<br>18.43 | OK<br>OK | 4.15<br>4.44 | 21.12<br>30.72 | OK<br>OK | 0.24<br>0.26 | 0.53<br>1.42 | OK<br>OK | TH-24<br>TH-24 | 4.15<br>4.15 | 12.49<br>19.20 | 4.44<br>4.44 | 18.16<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.29 | | | 0.20 | | | 0.44 | | 検定値(始点側) | 長期 | 0.33 | 短期せん断 | 0.24 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.23 | | | 0.14 | | | 0.19 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | 0.16 | 引張 | 0.00 | |
| | Y7<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.27<br>9.66 | 18.40<br>26.76 | OK<br>OK | 5.19<br>5.90 | 29.04<br>42.24 | OK<br>OK | 1.00<br>1.18 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 5.19<br>5.18 | 22.83<br>21.67 | 5.90<br>5.89 | 33.20<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.45 | | | 0.18 | | | 0.68 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | 0.18 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.36 | | | 0.14 | | | 0.59 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.19 | 引張 | 0.00 | |
| | Y7<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.86<br>0.86 | 4.95<br>7.20 | OK<br>OK | 1.52<br>1.52 | 13.20<br>19.20 | OK<br>OK | 0.13<br>0.13 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | 1.52<br>1.52 | 4.18<br>4.18 | 1.52<br>1.52 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.17 | | | 0.12 | | | 0.23 | | 検定値(始点側) | 長期 | 0.36 | 短期せん断 | 0.25 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.12 | | | 0.08 | | | 0.09 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | 0.25 | 引張 | 0.00 | |
| | 又<br>X0X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 1.05<br>2.00 | OK<br>OK | TH-18<br>TH-18 | 0.00<br>0.00 | 8.42<br>8.42 | 0.00<br>0.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | 又<br>X3X5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.80<br>2.00 | OK<br>OK | TH-18<br>TH-18 | 0.00<br>0.00 | 8.42<br>8.42 | 0.00<br>0.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | 又<br>X5又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 18.40<br>26.76 | OK<br>OK | 0.00<br>0.00 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 1.48<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 0.00<br>0.00 | 21.67<br>21.67 | 0.00<br>0.00 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | 又<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | Y8<br>X0又X1 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.33<br>0.42 | 9.70<br>14.11 | OK<br>OK | 1.28<br>1.64 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.68 | OK<br>OK | TH-18<br>— | 1.28<br>— | 13.37<br>— | 1.64<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | Y8<br>又X1X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 3.16<br>4.06 | 9.70<br>14.11 | OK<br>OK | 3.97<br>5.10 | 18.48<br>26.88 | OK<br>OK | 0.34<br>0.44 | 0.80<br>2.00 | OK<br>OK | —<br>TH-18 | —<br>3.97 | —<br>13.37 | —<br>5.10 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.33 | | | 0.21 | | | 0.43 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.29 | | | 0.19 | | | 0.22 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.26 | 引張 | 0.00 | |
| | Y8<br>X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 3.20<br>4.11 | 9.70<br>14.11 | OK<br>OK | 4.00<br>5.13 | 18.48<br>26.88 | OK<br>OK | 0.35<br>0.45 | 0.80<br>2.00 | OK<br>OK | TH-18<br>TH-18 | 4.00<br>4.00 | 13.37<br>13.37 | 5.13<br>5.13 | 19.44<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.33 | | | 0.22 | | | 0.44 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.26 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.29 | | | 0.19 | | | 0.23 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.26 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | Y8<br>X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.03<br>1.33 | 23.00<br>33.45 | OK<br>OK | 2.27<br>2.92 | 29.04<br>42.24 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | OK<br>OK | TH-33<br>— | | 2.27<br>— | 22.83<br>— | 2.92<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.08 | | | 0.02 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>X6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.61<br>2.07 | 20.70<br>30.11 | OK<br>OK | 2.84<br>3.64 | 29.04<br>42.24 | OK<br>OK | 0.03<br>0.03 | 0.57<br>1.52 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.08 | | | 0.10 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>X6X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.80<br>1.02 | 23.00<br>33.45 | OK<br>OK | 2.00<br>2.56 | 29.04<br>42.24 | OK<br>OK | 0.01<br>0.01 | 0.40<br>1.07 | OK<br>OK | —<br>TH-33 | | —<br>2.00 | —<br>22.83 | —<br>2.56 | —<br>33.20 | —<br>6.15 | —<br>40.30 | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.08 | 引張 | 0.15 | | |
| | Y8<br>X7又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.63<br>2.07 | 33.53<br>48.77 | OK<br>OK | 7.42<br>9.37 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.01 | 0.40<br>1.06 | OK<br>OK | TH-33<br>— | | 7.42<br>— | 22.83<br>— | 9.37<br>— | 33.20<br>— | 6.15<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.20 | | | 0.02 | | 検定値(始点側) | 長期 | 0.32 | 短期せん断 | 0.28 | 引張 | 0.15 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.17 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>又X9 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.06<br>0.06 | 3.67<br>5.35 | OK<br>OK | 0.28<br>0.28 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.28<br>0.28 | 4.40<br>4.40 | 0.28<br>0.28 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | Y8<br>又X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.19<br>0.27 | 37.26<br>54.19 | OK<br>OK | 0.85<br>1.18 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>X9又X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.03<br>0.03 | 37.26<br>54.19 | OK<br>OK | 0.29<br>0.29 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.31 | OK<br>OK | —<br>TH-33 | | —<br>0.29 | —<br>22.83 | —<br>0.29 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.01 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | X0<br>Y1又Y1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.09<br>0.10 | 12.67<br>18.43 | OK<br>OK | 0.52<br>0.55 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | OK<br>OK | TH-24D<br>— | | 0.52<br>— | 19.20<br>— | 0.55<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>又Y1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.82<br>1.01 | 12.67<br>18.43 | OK<br>OK | 2.22<br>2.63 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.34<br>0.91 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.07 | | | 0.11 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.09 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.42<br>0.46 | 4.95<br>7.20 | OK<br>OK | 0.89<br>0.97 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.05 | 0.31<br>0.83 | OK<br>OK | TH-10D<br>TH-10 | | 0.89<br>0.89 | 4.40<br>4.40 | 0.97<br>0.97 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.07 | | | 0.14 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.06 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | X0<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.09<br>0.09 | 12.67<br>18.43 | OK<br>OK | 0.38<br>0.38 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>又Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.24<br>1.46 | 11.40<br>16.59 | OK<br>OK | 2.91<br>3.40 | 21.12<br>30.72 | OK<br>OK | 0.03<br>0.03 | 0.46<br>1.21 | OK<br>OK | —<br>TH-24D | | —<br>1.59 | —<br>19.20 | —<br>1.75 | —<br>27.92 | —<br>2.88 | —<br>34.80 | —<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.14 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.11 | | | 0.03 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.08 | | |
| | X0<br>又又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.95<br>1.02 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.29<br>0.76 | OK<br>OK | TH-10D<br>TH-10 | | 0.95<br>0.95 | 4.40<br>4.40 | 1.02<br>1.02 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.07 | | | 0.12 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.05 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | X0<br>Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.00<br>1.14 | 12.67<br>18.43 | OK<br>OK | 3.42<br>3.94 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | OK<br>OK | TH-24D<br>— | | 3.42<br>— | 19.20<br>— | 3.94<br>— | 27.92<br>— | 2.88<br>— | 34.80<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.08 | | | 0.16 | | | 0.05 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.14 | 引張 | 0.08 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.13 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.47<br>0.50 | 4.95<br>7.20 | OK<br>OK | 1.08<br>1.15 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.29<br>0.77 | OK<br>OK | TH-10D<br>— | | 1.08<br>— | 4.40<br>— | 1.15<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.08 | | | 0.14 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.06 | | | 0.06 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X0<br>Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.43 | 12.67<br>18.43 | OK<br>OK | 2.40<br>2.77 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>TH-24D | | —<br>0.96 | —<br>19.20 | —<br>1.04 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.11 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.09 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | X0<br>又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.11 | 4.95<br>7.20 | OK<br>OK | 0.52<br>0.55 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | —<br>TH-10 | | —<br>0.52 | —<br>4.40 | —<br>0.55 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | X0<br>Y3又Y3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.09<br>0.09 | 16.04<br>23.33 | OK<br>OK | 0.50<br>0.53 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | OK<br>OK | TH-10D<br>— | | 0.50<br>— | 4.40<br>— | 0.53<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>Y3又Y3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.08<br>0.08 | 19.80<br>28.80 | OK<br>OK | 0.45<br>0.45 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.46 | OK<br>OK | TH-24D<br>— | | 0.45<br>— | 19.20<br>— | 0.45<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>又Y3Y4 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 1.01<br>1.31 | 16.04<br>23.33 | OK<br>OK | 2.50<br>3.20 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.02 | 0.27<br>0.73 | OK<br>OK | —<br>TH-10D | | —<br>2.50 | —<br>4.40 | —<br>3.20 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.11 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.57 | 短期せん断 | | 0.50 | 引張 | 0.00 | |
| | X0<br>又Y3Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.44<br>0.44 | 17.82<br>25.92 | OK<br>OK | 1.12<br>1.12 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.06 | OK<br>OK | —<br>TH-24D | | —<br>1.12 | —<br>19.20 | —<br>1.12 | —<br>27.92 | —<br>0.74 | —<br>34.80 | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.02 | |
| | X0<br>Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.66<br>0.69 | 4.95<br>7.20 | OK<br>OK | 1.43<br>1.51 | 13.20<br>19.20 | OK<br>OK | 0.07<br>0.07 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D | | 1.43<br>1.43 | 4.40<br>4.40 | 1.51<br>1.51 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.11 | | | 0.21 | | 検定値(始点側) | 長期 | 0.32 | 短期せん断 | | 0.24 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.10 | | | 0.08 | | | 0.08 | | 検定値(終点側) | 長期 | 0.32 | 短期せん断 | | 0.24 | 引張 | 0.00 | |
| | X0<br>Y4又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.61<br>0.61 | 17.82<br>25.92 | OK<br>OK | 2.30<br>2.30 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | TH-24D<br>— | | 1.51<br>— | 19.20<br>— | 1.51<br>— | 27.92<br>— | 0.74<br>— | 34.80<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.09 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.05 | 引張 | 0.02 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.89<br>3.28 | 17.82<br>25.92 | OK<br>OK | 5.27<br>5.90 | 26.40<br>38.40 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.68 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.16 | | | 0.20 | | | 0.08 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.13 | | | 0.15 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.62<br>0.65 | 4.95<br>7.20 | OK<br>OK | 1.34<br>1.42 | 13.20<br>19.20 | OK<br>OK | 0.06<br>0.07 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D | | 1.34<br>1.34 | 4.40<br>4.40 | 1.42<br>1.42 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.12 | | | 0.10 | | | 0.20 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.09 | | | 0.07 | | | 0.08 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.18<br>0.18 | 19.80<br>28.80 | OK<br>OK | 0.80<br>0.80 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24D | | —<br>0.80 | —<br>19.20 | —<br>0.80 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X0<br>Y5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.35 | 4.95<br>7.20 | OK<br>OK | 0.95<br>1.01 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10D | | 0.95<br>0.95 | 4.40<br>4.40 | 1.01<br>1.01 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.07 | | | 0.08 | | 検定値(始点側) | 長期 | 0.22 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.17<br>0.17 | 19.80<br>28.80 | OK<br>OK | 0.77<br>0.77 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24D<br>— | | 0.77<br>— | 19.20<br>— | 0.77<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.07<br>1.35 | 19.80<br>28.80 | OK<br>OK | 2.74<br>3.34 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.10 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.09 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>又Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.33 | 4.95<br>7.20 | OK<br>OK | 0.90<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10D | | 0.90<br>0.90 | 4.40<br>4.40 | 0.96<br>0.96 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.07 | | | 0.08 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.15 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | |
| 2 | X0<br>Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 0.17<br>0.17<br>0.01<br>0.01 | 19.80<br>28.80 | OK<br>OK | 0.73<br>0.73<br>0.03<br>0.02 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | ー<br>TH-24D<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | ー<br>0.73<br>ー<br>0.04 | ー<br>19.20<br>短期せん断<br>短期せん断 | ー<br>0.73<br>ー<br>0.03 | ー<br>27.92<br>引張<br>引張 | ー<br>ー<br>ー<br>0.00 | ー<br>ー | ー<br>OK | |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.52<br>0.55<br>0.10<br>0.08 | 4.95<br>7.20 | OK<br>OK | 1.13<br>1.21<br>0.09<br>0.06 | 13.20<br>19.20 | OK<br>OK | 0.05<br>0.06<br>0.17<br>0.07 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 1.13<br>1.13<br>0.26<br>0.26 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.21<br>1.21<br>0.19<br>0.19 | 6.40<br>6.40<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 2.16<br>2.16<br>0.12<br>0.08 | 17.82<br>25.92 | OK<br>OK | 3.06<br>3.06<br>0.12<br>0.08 | 26.40<br>38.40 | OK<br>OK | 0.02<br>0.02<br>0.06<br>0.02 | 0.30<br>0.81 | OK<br>OK | TH-24D<br>ー<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 3.06<br>ー<br>0.16<br>ー | 19.20<br>ー<br>短期せん断<br>短期せん断 | 3.06<br>ー<br>0.11<br>ー | 27.92<br>ー<br>引張<br>引張 | 1.98<br>ー<br>0.06<br>ー | 34.80<br>ー | OK<br>ー | |
| | X0<br>Y7又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 0.33<br>0.34<br>0.02<br>0.01 | 19.80<br>28.80 | OK<br>OK | 0.99<br>1.04<br>0.04<br>0.03 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.00 | 0.23<br>0.61 | OK<br>OK | ー<br>ー<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | ー<br>ー<br>ー<br>ー | ー<br>ー<br>短期せん断<br>短期せん断 | ー<br>ー<br>ー<br>ー | ー<br>ー<br>引張<br>引張 | ー<br>ー<br>ー<br>ー | ー<br>ー | ー<br>ー | |
| | X0<br>又Y8 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 0.14<br>0.14<br>0.01<br>0.00 | 19.80<br>28.80 | OK<br>OK | 0.60<br>0.61<br>0.02<br>0.02 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | ー<br>TH-24D<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | ー<br>0.60<br>ー<br>0.03 | ー<br>19.20<br>短期せん断<br>短期せん断 | ー<br>0.61<br>ー<br>0.02 | ー<br>27.92<br>引張<br>引張 | ー<br>ー<br>ー<br>0.00 | ー<br>ー | ー<br>OK | |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088<br>検定値(長期)<br>検定値(短期) | 7.15<br>10.99<br>0.24<br>0.25 | 29.80<br>43.35 | OK<br>OK | 3.46<br>5.32<br>0.09<br>0.10 | 36.96<br>53.76 | OK<br>OK | 0.66<br>1.02<br>0.35<br>0.51 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 3.01<br>3.46<br>0.14<br>0.16 | 21.67<br>21.67<br>短期せん断<br>短期せん断 | 4.63<br>5.32<br>0.15<br>0.17 | 31.52<br>31.52<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.00<br>0.00<br>0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.00<br>0.00<br>0.00<br>0.00 | 4.18<br>4.18<br>短期せん断<br>短期せん断 | 0.00<br>0.00<br>0.00<br>0.00 | 6.08<br>6.08<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |
| | X2<br>Y4又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261<br>検定値(長期)<br>検定値(短期) | 0.06<br>0.06<br>0.01<br>0.00 | 9.70<br>14.11 | OK<br>OK | 0.32<br>0.32<br>0.02<br>0.01 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.13<br>0.33 | OK<br>OK | TH-18D<br>ー<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.32<br>ー<br>0.02<br>ー | 13.37<br>ー<br>短期せん断<br>短期せん断 | 0.32<br>ー<br>0.02<br>ー | 19.44<br>ー<br>引張<br>引張 | ー<br>ー<br>0.00<br>ー | ー<br>ー | OK<br>ー | |
| | X2<br>又Y4又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261<br>検定値(長期)<br>検定値(短期) | 0.19<br>0.19<br>0.02<br>0.02 | 8.73<br>12.70 | OK<br>OK | 1.40<br>1.40<br>0.08<br>0.05 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | ー<br>ー<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | ー<br>ー<br>ー<br>ー | ー<br>ー<br>短期せん断<br>短期せん断 | ー<br>ー<br>ー<br>ー | ー<br>ー<br>引張<br>引張 | ー<br>ー<br>ー<br>ー | ー<br>ー | ー<br>ー | |
| | X2<br>又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261<br>検定値(長期)<br>検定値(短期) | 2.42<br>2.94<br>0.31<br>0.26 | 7.76<br>11.29 | OK<br>OK | 4.50<br>5.35<br>0.24<br>0.20 | 18.48<br>26.88 | OK<br>OK | 0.05<br>0.07<br>0.21<br>0.10 | 0.26<br>0.68 | OK<br>OK | ー<br>ー<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | ー<br>ー<br>ー<br>ー | ー<br>ー<br>短期せん断<br>短期せん断 | ー<br>ー<br>ー<br>ー | ー<br>ー<br>引張<br>引張 | ー<br>ー<br>ー<br>ー | ー<br>ー | ー<br>ー | |
| | X2<br>Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261<br>検定値(長期)<br>検定値(短期) | 0.18<br>0.18<br>0.02<br>0.01 | 9.70<br>14.11 | OK<br>OK | 0.80<br>0.80<br>0.04<br>0.03 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.00 | 0.15<br>0.40 | OK<br>OK | ー<br>TH-18<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | ー<br>0.80<br>ー<br>0.10 | ー<br>8.42<br>短期せん断<br>短期せん断 | ー<br>0.80<br>ー<br>0.07 | ー<br>12.24<br>引張<br>引張 | ー<br>ー<br>ー<br>0.00 | ー<br>ー | ー<br>OK | |
| | X2<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.09<br>0.09<br>0.02<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.39<br>0.39<br>0.03<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.39<br>0.39<br>0.09<br>0.09 | 4.18<br>4.18<br>短期せん断<br>短期せん断 | 0.39<br>0.39<br>0.06<br>0.06 | 6.08<br>6.08<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |
| | 又X2<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088<br>検定値(長期)<br>検定値(短期) | 6.89<br>10.59<br>0.23<br>0.24 | 29.80<br>43.35 | OK<br>OK | 3.34<br>5.13<br>0.09<br>0.10 | 36.96<br>53.76 | OK<br>OK | 0.64<br>0.98<br>0.34<br>0.49 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 2.90<br>3.34<br>0.13<br>0.15 | 21.67<br>21.67<br>短期せん断<br>短期せん断 | 4.46<br>5.13<br>0.14<br>0.16 | 31.52<br>31.52<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |
| | X3<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.00<br>0.00<br>0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10D<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.00<br>0.00<br>0.00<br>0.00 | 4.18<br>4.40<br>短期せん断<br>短期せん断 | 0.00<br>0.00<br>0.00<br>0.00 | 6.08<br>6.40<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |
| | X3<br>Y3Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 0.58<br>0.58<br>0.04<br>0.03 | 15.84<br>23.04 | OK<br>OK | 1.03<br>1.03<br>0.04<br>0.03 | 26.40<br>38.40 | OK<br>OK | 0.01<br>0.01<br>0.04<br>0.01 | 0.38<br>1.01 | OK<br>OK | TH-24D<br>TH-24<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 1.03<br>1.03<br>0.05<br>0.08 | 19.20<br>12.49<br>短期せん断<br>短期せん断 | 1.03<br>1.03<br>0.04<br>0.06 | 27.92<br>18.16<br>引張<br>引張 | ー<br>ー<br>0.00<br>0.00 | ー<br>ー | OK<br>OK | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X3<br>Y4又Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.12<br>0.12 | 19.80<br>28.80 | OK<br>OK | 0.65<br>0.65 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | OK<br>OK | TH-24<br>— | 0.65<br>— | 12.49<br>— | 0.65<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>又Y4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.37<br>1.37 | 15.84<br>23.04 | OK<br>OK | 2.70<br>2.70 | 26.40<br>38.40 | OK<br>OK | 0.02<br>0.02 | 0.33<br>0.88 | OK<br>OK | —<br>TH-24D | —<br>2.32 | —<br>19.20 | —<br>2.32 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.10 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.07 | | | 0.02 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | X3<br>又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.57<br>3.00 | 15.84<br>23.04 | OK<br>OK | 4.92<br>5.24 | 26.40<br>38.40 | OK<br>OK | 0.04<br>0.05 | 0.38<br>1.01 | OK<br>OK | TH-24D<br>— | 3.21<br>— | 19.20<br>— | 3.69<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.16 | | | 0.19 | | | 0.12 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.13 | | | 0.14 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>又Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.84<br>1.84 | 15.84<br>23.04 | OK<br>OK | 4.20<br>4.20 | 26.40<br>38.40 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | —<br>TH-24D | —<br>2.42 | —<br>19.20 | —<br>2.42 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.12 | | | 0.16 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.11 | | | 0.01 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | X3<br>Y6Y7 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 3.33<br>3.33 | 15.84<br>23.04 | OK<br>OK | 4.46<br>4.46 | 26.40<br>38.40 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | OK<br>OK | TH-24D<br>— | 4.46<br>— | 19.20<br>— | 4.46<br>— | 27.92<br>— | 1.98<br>— | 34.80<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.21 | | | 0.17 | | | 0.10 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | 0.16 | 引張 | 0.06 | | |
| | | | | 検定値(短期) | | 0.14 | | | 0.12 | | | 0.04 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>Y7又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.16<br>0.16 | 19.80<br>28.80 | OK<br>OK | 0.54<br>0.54 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>又Y8 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.13<br>0.13 | 15.84<br>23.04 | OK<br>OK | 0.49<br>0.49 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | OK<br>OK | —<br>TH-24D | —<br>0.49 | —<br>19.20 | —<br>0.49 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | Y3Y4 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.94<br>1.38 | 16.04<br>23.33 | OK<br>OK | 1.99<br>2.97 | 23.76<br>34.56 | OK<br>OK | 0.02<br>0.03 | 0.39<br>1.04 | OK<br>OK | TH-18<br>TH-18D | 0.50<br>1.99 | 8.42<br>13.37 | 0.74<br>2.97 | 12.24<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.05 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.03 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.09<br>1.09 | 8.73<br>12.70 | OK<br>OK | 2.26<br>2.26 | 18.48<br>26.88 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | OK<br>OK | TH-18<br>— | 1.86<br>— | 8.42<br>— | 1.86<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.12 | | | 0.12 | | | 0.10 | | 検定値(始点側) | 長期 | 0.22 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.08 | | | 0.04 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.24<br>0.24 | 9.70<br>14.11 | OK<br>OK | 1.06<br>1.06 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.23<br>0.23 | 9.70<br>14.11 | OK<br>OK | 1.00<br>1.00 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-18 | —<br>1.00 | —<br>8.42 | —<br>1.00 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | Y5Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.04<br>3.06 | 19.80<br>28.80 | OK<br>OK | 1.48<br>2.23 | 26.40<br>38.40 | OK<br>OK | 0.05<br>0.07 | 0.46<br>1.23 | OK<br>OK | TH-24<br>TH-24D | 1.48<br>1.48 | 19.20<br>19.20 | 2.23<br>2.23 | 27.92<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.06 | | | 0.10 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.11 | | | 0.06 | | | 0.06 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.18<br>0.18 | 4.95<br>7.20 | OK<br>OK | 0.80<br>0.80 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.80<br>0.80 | 4.18<br>4.18 | 0.80<br>0.80 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | | 欧州赤松集成材 | G+P | 450 | 0.04 | 4.95 | OK | 0.35 | 13.20 | OK | 0.00 | 0.08 | OK | TH-10 | | 0.35 | 4.18 | 0.35 | 6.08 | — | — | OK |
| | 又 | 120×150 | G+P+S | 3375 | 0.04 | 7.20 | OK | 0.35 | 19.20 | OK | 0.00 | 0.20 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | 欧州赤松集成材 | G+P | 450 | 0.04 | 4.95 | OK | 0.35 | 13.20 | OK | 0.00 | 0.08 | OK | — | | — | — | — | — | — | — | — |
| | 又 | 120×150 | G+P+S | 3375 | 0.04 | 7.20 | OK | 0.35 | 19.20 | OK | 0.00 | 0.20 | OK | TH-10 | | 0.35 | 4.18 | 0.35 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | 又<br>Y1Y3 | 欧州赤松集成材 | G+P | 3528 | 6.89 | 29.80 | OK | 3.34 | 36.96 | OK | 0.64 | 1.89 | OK | TH-33 | | 2.90 | 21.67 | 4.46 | 31.52 | — | — | OK |
| | | 120×420 | G+P+S | 74088 | 10.59 | 43.35 | OK | 5.13 | 53.76 | OK | 0.98 | 2.00 | OK | TH-33 | | 3.34 | 21.67 | 5.13 | 31.52 | — | — | OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.09 | | | 0.34 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.24 | | | 0.10 | | | 0.49 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | 又X4<br>又又 | 欧州赤松集成材 | G+P | 450 | 0.37 | 4.95 | OK | 1.22 | 13.20 | OK | 0.01 | 0.20 | OK | — | | — | — | — | — | — | — | — |
| | | 120×150 | G+P+S | 3375 | 0.37 | 7.20 | OK | 1.22 | 19.20 | OK | 0.01 | 0.54 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.08 | | | 0.09 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X4<br>又Y5 | 欧州赤松集成材 | G+P | 450 | 0.27 | 4.95 | OK | 1.07 | 13.20 | OK | 0.01 | 0.23 | OK | — | | — | — | — | — | — | — | — |
| | | 120×150 | G+P+S | 3375 | 0.27 | 7.20 | OK | 1.07 | 19.20 | OK | 0.01 | 0.61 | OK | TH-10 | | 0.73 | 4.18 | 0.73 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | | 0.12 | 引張 | 0.00 | |
| | X5<br>Y1又Y1 | 欧州赤松集成材 | G+P | 1152 | 0.06 | 12.67 | OK | 0.32 | 21.12 | OK | 0.00 | 0.18 | OK | TH-24D | | 0.32 | 19.20 | 0.32 | 27.92 | — | — | OK |
| | | 120×240 | G+P+S | 13824 | 0.06 | 18.43 | OK | 0.32 | 30.72 | OK | 0.00 | 0.48 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X5<br>又Y1又 | 欧州赤松集成材 | G+P | 1152 | 1.17 | 12.67 | OK | 1.70 | 21.12 | OK | 0.02 | 0.46 | OK | — | | — | — | — | — | — | — | — |
| | | 120×240 | G+P+S | 13824 | 1.60 | 18.43 | OK | 2.17 | 30.72 | OK | 0.03 | 1.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.09 | | | 0.08 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.09 | | | 0.07 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X5<br>又又 | 欧州赤松集成材 | G+P | 1152 | 0.02 | 12.67 | OK | 0.21 | 21.12 | OK | 0.00 | 0.11 | OK | — | | — | — | — | — | — | — | — |
| | | 120×240 | G+P+S | 13824 | 0.02 | 18.43 | OK | 0.21 | 30.72 | OK | 0.00 | 0.30 | OK | 鎌継120×240 | | 0.21 | 6.68 | 0.21 | 9.72 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | X5<br>又Y2 | 欧州赤松集成材 | G+P | 1152 | 0.89 | 10.14 | OK | 2.15 | 21.12 | OK | 0.02 | 0.46 | OK | — | | — | — | — | — | — | — | — |
| | | 120×240 | G+P+S | 13824 | 1.21 | 14.75 | OK | 2.87 | 30.72 | OK | 0.03 | 1.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.09 | | | 0.10 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.08 | | | 0.09 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X5<br>又又Y2 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | OK | 0.00 | 13.20 | OK | 0.00 | 0.29 | OK | TH-10D | | 0.00 | 4.40 | 0.00 | 6.40 | — | — | OK |
| | | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | OK | 0.00 | 19.20 | OK | 0.00 | 0.76 | OK | TH-10 | | 0.00 | 4.40 | 0.00 | 6.40 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | X5<br>Y2 | 欧州赤松集成材 | G+P | 1152 | 0.67 | 12.67 | OK | 2.24 | 21.12 | OK | 0.02 | 0.46 | OK | — | | — | — | — | — | — | — | — |
| | | 120×240 | G+P+S | 13824 | 0.87 | 18.43 | OK | 3.01 | 30.72 | OK | 0.02 | 1.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.05 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.10 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X5<br>又Y2又 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | OK | 0.00 | 13.20 | OK | 0.00 | 0.29 | OK | TH-10D | | 0.00 | 4.40 | 0.00 | 6.40 | — | — | OK |
| | | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | OK | 0.00 | 19.20 | OK | 0.00 | 0.77 | OK | TH-10 | | 0.00 | 4.40 | 0.00 | 6.40 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | X5<br>Y3 | 欧州赤松集成材 | G+P | 1152 | 0.22 | 12.67 | OK | 1.43 | 21.12 | OK | 0.00 | 0.23 | OK | — | | — | — | — | — | — | — | — |
| | | 120×240 | G+P+S | 13824 | 0.30 | 18.43 | OK | 1.98 | 30.72 | OK | 0.00 | 0.61 | OK | TH-24D | | 0.63 | 19.20 | 0.74 | 27.92 | — | — | OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X5<br>又Y3 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | OK | 0.00 | 13.20 | OK | 0.00 | 0.13 | OK | TH-10D | | 0.00 | 4.40 | 0.00 | 6.40 | — | — | OK |
| | | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | OK | 0.00 | 19.20 | OK | 0.00 | 0.34 | OK | TH-10 | | 0.00 | 4.40 | 0.00 | 6.40 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | X5<br>Y3Y4 | 欧州赤松集成材 | G+P | 3042 | 0.00 | 28.91 | OK | 0.00 | 34.32 | OK | 0.00 | 0.57 | OK | TH-33D | | 0.00 | 22.83 | 0.00 | 33.20 | — | — | OK |
| | | 120×390 | G+P+S | 59319 | 0.00 | 42.05 | OK | 0.00 | 49.92 | OK | 0.00 | 1.52 | OK | TH-33D | | 0.00 | 22.83 | 0.00 | 33.20 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X5<br>Y3Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.26<br>0.39 | 9.70<br>14.11 | OK<br>OK | 0.56<br>0.84 | 18.48<br>26.88 | OK<br>OK | 0.01<br>0.02 | 0.39<br>1.04 | OK<br>OK | TH-18D<br>TH-18D | 0.14<br>0.56 | 13.37<br>13.37 | 0.21<br>0.84 | 19.44<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.03 | | | 0.02 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | X5<br>Y4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.89<br>2.45 | 20.70<br>30.11 | OK<br>OK | 3.64<br>4.41 | 29.04<br>42.24 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | OK<br>OK | TH-33D<br>— | 2.81<br>— | 22.83<br>— | 3.32<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.10 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>— | 0.00<br>— | 4.40<br>— | 0.00<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.33 | OK<br>OK | —<br>TH-10D | —<br>0.00 | —<br>4.40 | —<br>0.00 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X5<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>— | 0.00<br>— | 4.40<br>— | 0.00<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5<br>Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.31<br>2.96 | 20.70<br>30.11 | OK<br>OK | 4.23<br>5.13 | 29.04<br>42.24 | OK<br>OK | 0.02<br>0.03 | 0.30<br>0.81 | OK<br>OK | —<br>TH-33D | —<br>4.23 | —<br>22.83 | —<br>5.13 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.15 | | | 0.07 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.12 | | | 0.03 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | X5<br>又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.33 | OK<br>OK | —<br>TH-10D | —<br>0.00 | —<br>4.40 | —<br>0.00 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X5<br>Y5又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.14<br>0.38 | OK<br>OK | TH-10<br>— | 0.00<br>— | 4.40<br>— | 0.00<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5<br>Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.32<br>0.37 | 20.70<br>30.11 | OK<br>OK | 3.75<br>5.17 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33D<br>— | 1.23<br>— | 22.83<br>— | 1.32<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.13 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.12 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5<br>又Y5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.23 | OK<br>OK | —<br>TH-10D | —<br>0.00 | —<br>4.40 | —<br>0.00 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X5<br>Y6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.20<br>2.30 | 20.70<br>30.11 | OK<br>OK | 3.89<br>4.21 | 29.04<br>42.24 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.11 | | | 0.13 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.10 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X5<br>又Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X5<br>Y6Y7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.03<br>2.03 | 20.70<br>30.11 | OK<br>OK | 3.29<br>3.29 | 29.04<br>42.24 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | OK<br>OK | —<br>TH-33D | —<br>3.29 | —<br>22.83 | —<br>3.29 | —<br>33.20 | —<br>1.98 | —<br>40.30 | —<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.11 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.05 | | |
| | X5<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | —<br>1.98 | —<br>13.60 | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.15 | | |
| | X5<br>Y7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.09<br>0.09 | 23.00<br>33.45 | OK<br>OK | 0.41<br>0.41 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-33D<br>— | 0.41<br>— | 22.83<br>— | 0.41<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X5<br>又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.01<br>0.01 | 23.00<br>33.45 | OK<br>OK | 0.13<br>0.13 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.07<br>0.19 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | X5<br>又Y8 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.13<br>0.13 | 18.40<br>26.76 | OK<br>OK | 0.49<br>0.49 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.72 | OK<br>OK | ー<br>TH-33D | | ー<br>0.49 | ー<br>22.83 | ー<br>0.49 | ー<br>33.20 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 7.15<br>10.99 | 29.80<br>43.35 | OK<br>OK | 3.46<br>5.32 | 36.96<br>53.76 | OK<br>OK | 0.66<br>1.02 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 3.01<br>3.46 | 21.67<br>21.67 | 4.63<br>5.32 | 31.52<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.24 | | | 0.09 | | | 0.35 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.25 | | | 0.10 | | | 0.51 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | 又<br>Y3Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>Y3Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.04 | OK<br>OK | TH-10D<br>TH-10 | | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.73 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>又又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>又Y5Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.47<br>1.25 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>Y7又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>又Y8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.89<br>10.59 | 29.80<br>43.35 | OK<br>OK | 3.34<br>5.13 | 36.96<br>53.76 | OK<br>OK | 0.64<br>0.98 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 2.90<br>3.34 | 21.67<br>21.67 | 4.46<br>5.13 | 31.52<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.09 | | | 0.34 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.24 | | | 0.10 | | | 0.49 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | 又X6<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-10<br>TH-10D | | 0.00<br>0.00 | 4.18<br>4.40 | 0.00<br>0.00 | 6.08<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.89<br>10.59 | 29.80<br>43.35 | OK<br>OK | 3.34<br>5.13 | 36.96<br>53.76 | OK<br>OK | 0.64<br>0.98 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 2.90<br>3.34 | 21.67<br>21.67 | 4.46<br>5.13 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.09 | | | 0.34 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.24 | | | 0.10 | | | 0.49 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | 又X7<br>Y3又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 2.81<br>4.30 | 25.70<br>37.38 | OK<br>OK | 2.57<br>3.93 | 34.32<br>49.92 | OK<br>OK | 0.05<br>0.08 | 0.84<br>2.00 | OK<br>OK | TH-33<br>TH-33D | 1.24<br>2.57 | 21.67<br>22.83 | 1.89<br>3.93 | 31.52<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.07 | | | 0.06 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.08 | | | 0.04 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | 又X7<br>Y3Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.04 | OK<br>OK | TH-10<br>TH-10 | 0.00<br>0.00 | 4.18<br>4.40 | 0.00<br>0.00 | 6.08<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又X7<br>又又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.37<br>0.37 | 32.12<br>46.73 | OK<br>OK | 0.82<br>0.82 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-33D<br>— | 0.82<br>— | 22.83<br>— | 0.82<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X7<br>又又Y5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.00<br>0.00 | 32.12<br>46.73 | OK<br>OK | 0.00<br>0.00 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | OK<br>OK | —<br>TH-33D | —<br>0.00 | —<br>22.83 | —<br>0.00 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又X7<br>又Y5Y8 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 14.27<br>17.94 | 29.80<br>43.35 | OK<br>OK | 6.32<br>7.93 | 36.96<br>53.76 | OK<br>OK | 0.77<br>1.00 | 1.49<br>2.00 | OK<br>OK | TH-33D<br>TH-33 | 5.93<br>6.32 | 22.83<br>21.67 | 8.03<br>7.93 | 33.20<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.48 | | | 0.17 | | | 0.52 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.41 | | | 0.15 | | | 0.50 | | 検定値(終点側) | 長期 | 0.29 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | X8<br>Y1Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 4.91<br>7.55 | 29.80<br>43.35 | OK<br>OK | 2.38<br>3.66 | 36.96<br>53.76 | OK<br>OK | 0.45<br>0.70 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 2.07<br>2.38 | 21.67<br>21.67 | 3.18<br>3.66 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.06 | | | 0.24 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.17 | | | 0.07 | | | 0.35 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | X8<br>又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.27<br>0.27 | 7.13<br>10.37 | OK<br>OK | 0.70<br>0.70 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.39<br>1.03 | OK<br>OK | TH-18<br>— | 0.70<br>— | 8.42<br>— | 0.70<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.04 | | | 0.03 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X8<br>又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.01<br>0.01 | 7.13<br>10.37 | OK<br>OK | 0.12<br>0.12 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.07<br>0.18 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X8<br>又又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | OK<br>OK | —<br>TH-18 | —<br>0.00 | —<br>8.42 | —<br>0.00 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X9<br>Y1又Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.09<br>0.10 | 37.26<br>54.19 | OK<br>OK | 0.52<br>0.55 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | OK<br>OK | TH-33D<br>— | 0.52<br>— | 22.83<br>— | 0.55<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>又Y1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.16<br>0.17 | 33.53<br>48.77 | OK<br>OK | 0.72<br>0.76 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.42<br>0.45 | 4.95<br>7.20 | OK<br>OK | 0.91<br>0.99 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.05 | 0.31<br>0.83 | OK<br>OK | TH-10D<br>TH-10 | 0.88<br>0.91 | 4.40<br>4.40 | 0.96<br>0.99 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.07 | | | 0.14 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.06 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | X9<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.08<br>0.08 | 37.26<br>54.19 | OK<br>OK | 0.37<br>0.37 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>又Y2 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 4.43<br>5.50 | 29.80<br>43.35 | OK<br>OK | 6.72<br>8.24 | 36.96<br>53.76 | OK<br>OK | 0.04<br>0.04 | 0.57<br>1.52 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.15 | | | 0.18 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.13 | | | 0.15 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X9<br>又又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.26 | 4.95<br>7.20 | OK<br>OK | 0.67<br>0.74 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.02 | 0.29<br>0.76 | OK<br>OK | TH-10D<br>TH-10 | | 0.67<br>0.48 | 4.40<br>4.40 | 0.74<br>0.55 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.05 | | | 0.07 | | 検定値(始点側) | 長期 | 0.15 | 短期せん断 | | 0.12 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | X9<br>Y2又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.76<br>0.86 | 33.53<br>48.77 | OK<br>OK | 2.92<br>3.28 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.08 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.46<br>0.55 | 4.95<br>7.20 | OK<br>OK | 0.91<br>1.03 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.28<br>0.75 | OK<br>OK | TH-10<br>TH-10 | | 0.91<br>0.89 | 4.40<br>4.40 | 1.03<br>0.99 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.07 | | | 0.13 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.08 | | | 0.05 | | | 0.06 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | X9<br>又Y2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.35<br>0.38 | 4.95<br>7.20 | OK<br>OK | 0.81<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.03 | 0.29<br>0.77 | OK<br>OK | TH-10D<br>TH-10 | | 0.81<br>0.81 | 4.40<br>4.40 | 0.88<br>0.88 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.06 | | | 0.11 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | X9<br>又Y3 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.11<br>1.25 | 33.53<br>48.77 | OK<br>OK | 2.31<br>2.50 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | —<br>TH-33D | | —<br>2.31 | —<br>22.83 | —<br>2.50 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | X9<br>又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.20<br>0.23 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-10D<br>— | | 0.20<br>— | 4.40<br>— | 0.23<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>Y3又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.33 | 4.95<br>7.20 | OK<br>OK | 0.60<br>0.81 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.16<br>0.44 | OK<br>OK | TH-10<br>TH-10 | | 0.60<br>0.55 | 4.40<br>4.40 | 0.81<br>0.74 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.02 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.12 | 引張 | 0.00 | |
| | X9<br>Y3又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.08 | 4.95<br>7.20 | OK<br>OK | 0.27<br>0.31 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>Y3又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 4.11<br>4.89 | 21.90<br>31.85 | OK<br>OK | 5.32<br>6.54 | 31.68<br>46.08 | OK<br>OK | 0.13<br>0.15 | 0.84<br>2.00 | OK<br>OK | TH-33D<br>TH-33D | | 5.32<br>4.01 | 22.83<br>22.83 | 6.54<br>4.79 | 33.20<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.19 | | | 0.17 | | | 0.15 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | | 0.20 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.15 | | | 0.14 | | | 0.07 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | X9<br>又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.17<br>0.22 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.22<br>0.59 | OK<br>OK | —<br>TH-10D | | —<br>0.10 | —<br>4.40 | —<br>0.16 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | X9<br>又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.03 | 4.95<br>7.20 | OK<br>OK | 0.14<br>0.18 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.21<br>0.57 | OK<br>OK | TH-10<br>TH-10 | | 0.14<br>0.02 | 4.40<br>4.40 | 0.18<br>0.03 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | X9<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.32<br>0.37 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10D | | 0.32<br>0.32 | 4.40<br>4.40 | 0.37<br>0.37 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.02 | | | 0.02 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | X9<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.11 | 4.95<br>7.20 | OK<br>OK | 0.58<br>0.81 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | | 0.58<br>0.28 | 4.40<br>4.40 | 0.81<br>0.31 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | X9<br>又又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.08<br>1.30 | 27.37<br>39.81 | OK<br>OK | 2.02<br>2.29 | 31.68<br>46.08 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | OK<br>OK | TH-33D<br>— | | 1.98<br>— | 22.83<br>— | 2.23<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | | 0.07 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.03 | 4.95<br>7.20 | OK<br>OK | 0.07<br>0.11 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.16<br>0.43 | OK<br>OK | TH-10<br>— | | 0.07<br>— | 4.40<br>— | 0.11<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X9<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.01<br>0.02 | 4.95<br>7.20 | OK<br>OK | 0.06<br>0.10 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | ー<br>TH-10D | | ー<br>0.06 | ー<br>4.40 | ー<br>0.10 | ー<br>6.40 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.01 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | X9<br>又又Y5 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.26<br>0.26 | 27.37<br>39.81 | OK<br>OK | 0.67<br>0.67 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.05 | OK<br>OK | ー<br>TH-33D | | ー<br>0.67 | ー<br>22.83 | ー<br>0.67 | ー<br>33.20 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | X9<br>又又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.11<br>0.18 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.01 | 0.27<br>0.71 | OK<br>OK | TH-10<br>TH-10D | | 0.11<br>0.11 | 4.40<br>4.40 | 0.18<br>0.18 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X9<br>又Y5Y8 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 8.35<br>10.70 | 21.90<br>31.85 | OK<br>OK | 4.65<br>5.75 | 31.68<br>46.08 | OK<br>OK | 0.77<br>0.99 | 1.49<br>2.00 | OK<br>OK | TH-33D<br>TH-33D | | 4.65<br>3.94 | 22.83<br>21.67 | 5.75<br>5.17 | 33.20<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.38 | | | 0.15 | | | 0.52 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.34 | | | 0.12 | | | 0.50 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | X9<br>又Y5Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.25 | 4.95<br>7.20 | OK<br>OK | 0.29<br>0.49 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02 | 0.31<br>0.83 | OK<br>OK | TH-10<br>TH-10 | | 0.29<br>0.11 | 4.40<br>4.40 | 0.49<br>0.19 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.02 | | | 0.04 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.03 | | | 0.02 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X9<br>又Y5Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.13<br>0.21 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.32<br>0.84 | OK<br>OK | TH-10<br>TH-10D | | 0.13<br>0.13 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.02 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X9<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.13<br>0.21 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.31<br>0.82 | OK<br>OK | TH-10<br>TH-10D | | 0.13<br>0.13 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.02 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X9<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.81 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X11又Y1<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.03 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.21 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.28 | 4.95<br>7.20 | OK<br>OK | 1.01<br>1.01 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.28<br>0.73 | OK<br>OK | ー<br>TH-10D | | ー<br>1.01 | ー<br>4.40 | ー<br>1.01 | ー<br>6.40 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.23 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | 又X12又<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.08<br>0.08 | 12.67<br>18.43 | OK<br>OK | 0.47<br>0.47 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | OK<br>OK | TH-24<br>ー | | 0.47<br>ー | 12.49<br>ー | 0.47<br>ー | 18.16<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.24<br>0.32 | 37.26<br>54.19 | OK<br>OK | 1.06<br>1.40 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X11又<br>又X12又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.11<br>0.11 | 3.67<br>5.35 | OK<br>OK | 0.49<br>0.49 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.49<br>0.49 | 4.40<br>4.40 | 0.49<br>0.49 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.97<br>1.17 | 12.67<br>18.43 | OK<br>OK | 1.76<br>1.98 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.03 | 0.45<br>1.21 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.08 | | | 0.08 | | | 0.05 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.06 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X10又<br>又X14又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 8.67<br>13.74 | 29.80<br>43.35 | OK<br>OK | 3.64<br>5.91 | 36.96<br>53.76 | OK<br>OK | 0.79<br>1.26 | 1.89<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 3.68<br>3.64 | 21.67<br>21.67 | 5.78<br>5.91 | 31.52<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.29 | | | 0.10 | | | 0.42 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | | 0.18 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.32 | | | 0.11 | | | 0.63 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | | 0.19 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.46<br>0.57 | 37.26<br>54.19 | OK<br>OK | 1.78<br>2.17 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | 0.05<br>0.04 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | X９又<br>又X10又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.25<br>1.49 | 37.26<br>54.19 | OK<br>OK | 2.82<br>3.36 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.01 | 0.44<br>1.19 | OK<br>OK | K39<br>ー | | 2.82<br>ー | 99.00<br>ー | 3.36<br>ー | 79.20<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.03<br>0.03 | | | 0.08<br>0.06 | | | 0.01<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.03<br>ー | 短期せん断<br>短期せん断 | 0.04<br>ー | 引張<br>引張 | 0.00<br>ー | | |
| | X９又<br>又X13又Y４ | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 6.76<br>10.62 | 29.80<br>43.35 | OK<br>OK | 3.89<br>5.90 | 36.96<br>53.76 | OK<br>OK | 0.62<br>0.97 | 1.87<br>2.00 | OK<br>OK | K39<br>TH-33 | | 2.68<br>3.89 | 99.00<br>21.67 | 4.19<br>5.90 | 79.20<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.23<br>0.24 | | | 0.11<br>0.11 | | | 0.33<br>0.48 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.03<br>0.18 | 短期せん断<br>短期せん断 | 0.05<br>0.19 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X13又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.95<br>1.06 | 11.40<br>16.59 | OK<br>OK | 2.07<br>2.32 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | OK<br>OK | ー<br>TH-24 | | ー<br>2.07 | ー<br>19.20 | ー<br>2.32 | ー<br>27.92 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.08<br>0.06 | | | 0.10<br>0.08 | | | 0.05<br>0.02 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>0.11 | 短期せん断<br>短期せん断 | ー<br>0.08 | 引張<br>引張 | ー<br>0.00 | | |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.95<br>1.07 | 12.67<br>18.43 | OK<br>OK | 1.96<br>2.13 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | OK<br>OK | TH-24<br>ー | | 1.96<br>ー | 19.20<br>ー | 2.13<br>ー | 27.92<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.06 | | | 0.09<br>0.07 | | | 0.05<br>0.02 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.10<br>ー | 短期せん断<br>短期せん断 | 0.08<br>ー | 引張<br>引張 | 0.00<br>ー | | |
| | 又X12又<br>又X14又Y２ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | OK<br>OK | TH-24<br>TH-24 | | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>0.00 | 短期せん断<br>短期せん断 | 0.00<br>0.00 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | TH-18D<br>TH-18D | | 0.00<br>0.00 | 13.37<br>13.37 | 0.00<br>0.00 | 19.44<br>19.44 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>0.00 | 短期せん断<br>短期せん断 | 0.00<br>0.00 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>0.00 | 短期せん断<br>短期せん断 | 0.00<br>0.00 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X19又<br>又X20又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.68<br>0.68 | 9.70<br>14.11 | OK<br>OK | 1.50<br>1.50 | 18.48<br>26.88 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | OK<br>OK | TH-18D<br>ー | | 1.50<br>ー | 13.37<br>ー | 1.50<br>ー | 19.44<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.05 | | | 0.08<br>0.06 | | | 0.05<br>0.02 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.11<br>ー | 短期せん断<br>短期せん断 | 0.08<br>ー | 引張<br>引張 | 0.00<br>ー | | |
| | 又X15又<br>又X18又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.31<br>0.53 | 7.13<br>10.37 | OK<br>OK | 0.34<br>0.58 | 15.84<br>23.04 | OK<br>OK | 0.03<br>0.05 | 0.68<br>1.82 | OK<br>OK | TH-18<br>TH-18 | | 0.34<br>0.17 | 8.42<br>13.37 | 0.58<br>0.29 | 12.24<br>19.44 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.05 | | | 0.02<br>0.03 | | | 0.04<br>0.03 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.04<br>0.01 | 短期せん断<br>短期せん断 | 0.05<br>0.01 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.58<br>0.70 | 12.67<br>18.43 | OK<br>OK | 1.50<br>1.70 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.34<br>0.91 | OK<br>OK | ー<br>TH-24D | | ー<br>1.44 | ー<br>19.20 | ー<br>1.61 | ー<br>27.92 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.05<br>0.04 | | | 0.07<br>0.06 | | | 0.02<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>0.08 | 短期せん断<br>短期せん断 | ー<br>0.06 | 引張<br>引張 | ー<br>0.00 | | |
| | X９又Y３<br>又X11又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.65<br>2.76 | 29.80<br>43.35 | OK<br>OK | 1.55<br>2.57 | 36.96<br>53.76 | OK<br>OK | 0.05<br>0.08 | 1.08<br>2.00 | OK<br>OK | K39<br>TH-33 | | 1.05<br>1.55 | 99.00<br>21.67 | 1.75<br>2.57 | 79.20<br>31.52 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.06<br>0.06 | | | 0.04<br>0.05 | | | 0.05<br>0.04 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.01<br>0.07 | 短期せん断<br>短期せん断 | 0.02<br>0.08 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X９又Y３<br>又X10又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | | 0.00<br>0.00 | 12.49<br>12.49 | 0.00<br>0.00 | 18.16<br>18.16 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>0.00 | 短期せん断<br>短期せん断 | 0.00<br>0.00 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X17又Y３<br>又X19又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.45<br>0.45 | 7.13<br>10.37 | OK<br>OK | 1.25<br>1.25 | 15.84<br>23.04 | OK<br>OK | 0.02<br>0.02 | 0.36<br>0.97 | OK<br>OK | ー<br>TH-18 | | ー<br>1.25 | ー<br>13.37 | ー<br>1.25 | ー<br>19.44 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.06<br>0.04 | | | 0.08<br>0.05 | | | 0.04<br>0.02 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>0.09 | 短期せん断<br>短期せん断 | ー<br>0.06 | 引張<br>引張 | ー<br>0.00 | | |
| | 又X16又<br>又X17又Y３ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.67<br>0.93 | 7.13<br>10.37 | OK<br>OK | 2.15<br>2.87 | 15.84<br>23.04 | OK<br>OK | 0.02<br>0.02 | 0.32<br>0.85 | OK<br>OK | TH-18<br>ー | | 1.52<br>ー | 13.37<br>ー | 1.80<br>ー | 19.44<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.09<br>0.09 | | | 0.14<br>0.12 | | | 0.06<br>0.03 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.11<br>ー | 短期せん断<br>短期せん断 | 0.09<br>ー | 引張<br>引張 | 0.00<br>ー | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X16又<br>又X17又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-10D<br>TH-10 | | 0.00<br>0.00 | 4.40<br>4.18 | 0.00<br>0.00 | 6.40<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X20又<br>又X21又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.90<br>1.12 | 8.73<br>12.70 | OK<br>OK | 2.94<br>4.03 | 18.48<br>26.88 | OK<br>OK | 0.04<br>0.04 | 0.45<br>1.21 | OK<br>OK | —<br>TH-18 | | —<br>2.94 | —<br>13.37 | —<br>4.03 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.16 | | | 0.08 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.09 | | | 0.15 | | | 0.04 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-18<br>— | | 0.00<br>— | 8.42<br>— | 0.00<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.14<br>0.17 | 33.53<br>48.77 | OK<br>OK | 1.06<br>1.47 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.67 | OK<br>OK | —<br>TH-33 | | —<br>0.51 | —<br>22.83 | —<br>0.55 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | 又X14又<br>又X14又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.34<br>0.34 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.50 | OK<br>OK | TH-10<br>TH-10 | | 0.34<br>0.34 | 4.18<br>4.18 | 0.34<br>0.34 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | 又X14又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | OK<br>OK | —<br>TH-24 | | —<br>0.00 | —<br>12.49 | —<br>0.00 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X18又<br>又X20又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.21<br>0.21 | 9.70<br>14.11 | OK<br>OK | 0.62<br>0.62 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.34<br>0.91 | OK<br>OK | —<br>TH-18 | | —<br>0.62 | —<br>8.42 | —<br>0.62 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X14又Y4<br>又X15又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.44<br>2.23 | 33.53<br>48.77 | OK<br>OK | 3.55<br>5.41 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.01 | 0.35<br>0.93 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.10 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X12又Y4<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.22<br>0.22 | 12.67<br>18.43 | OK<br>OK | 0.62<br>0.62 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.35<br>0.92 | OK<br>OK | TH-24<br>— | | 0.62<br>— | 12.49<br>— | 0.62<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9又Y4<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.73 | OK<br>OK | BAP-180/60L<br>TH-18 | | 0.00<br>0.00 | 8.58<br>8.42 | 0.00<br>0.00 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X12又Y4<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.34<br>0.34 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.50 | OK<br>OK | TH-10<br>TH-10D | | 0.34<br>0.34 | 4.18<br>4.40 | 0.34<br>0.34 | 6.08<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | 又X12又Y4<br>又X12又Y4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.02<br>0.02 | 12.67<br>18.43 | OK<br>OK | 0.20<br>0.20 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | OK<br>OK | —<br>TH-24 | | —<br>0.20 | —<br>12.49 | —<br>0.20 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | 又X21又Y4<br>又X22又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.79<br>0.95 | 8.73<br>12.70 | OK<br>OK | 2.48<br>3.31 | 18.48<br>26.88 | OK<br>OK | 0.03<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-18<br>— | | 1.48<br>— | 13.37<br>— | 1.62<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.13 | | | 0.07 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.12 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X16又Y4<br>又X17又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.27<br>0.27 | 9.70<br>14.11 | OK<br>OK | 0.70<br>0.70 | 18.48<br>26.88 | OK<br>OK | 0.01<br>0.01 | 0.39<br>1.03 | OK<br>OK | —<br>TH-18D | | —<br>0.70 | —<br>13.37 | —<br>0.70 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X16又Y4<br>又X18又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.33<br>1.84 | 7.76<br>11.29 | OK<br>OK | 2.68<br>3.81 | 18.48<br>26.88 | OK<br>OK | 0.09<br>0.13 | 0.57<br>1.52 | OK<br>OK | TH-18<br>— | | 1.85<br>— | 8.42<br>— | 2.41<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.17 | | | 0.15 | | | 0.17 | | 検定値(始点側) | 長期 | 0.22 | 短期せん断 | | 0.20 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.16 | | | 0.14 | | | 0.09 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X12又<br>又X14又Y4 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.81<br>2.63 | 33.53<br>48.77 | OK<br>OK | 4.37<br>6.30 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.01 | 0.45<br>1.21 | OK<br>OK | TH-33<br>— | | 4.37<br>— | 22.83<br>— | 6.30<br>— | 33.20<br>— | 1.98<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.12 | | | 0.02 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | | 0.19 | 引張 | 0.05 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X10又<br>又X12又Y4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.35<br>0.92 | OK<br>OK | TH-24<br>— | | 0.00<br>— | 12.49<br>— | 0.00<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.00<br>0.00 | 9.70<br>14.11 | OK<br>OK | 0.00<br>0.00 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-18<br>— | | 0.00<br>— | 8.42<br>— | 0.00<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.16<br>0.16 | 9.70<br>14.11 | OK<br>OK | 0.54<br>0.54 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.80 | OK<br>OK | —<br>TH-18 | | —<br>0.54 | —<br>8.42 | —<br>0.54 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | 又X15又<br>又X17又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.02<br>1.71 | 5.70<br>8.29 | OK<br>OK | 0.66<br>1.10 | 15.84<br>23.04 | OK<br>OK | 0.20<br>0.33 | 0.84<br>2.00 | OK<br>OK | TH-18<br>TH-18 | | 0.66<br>0.56 | 8.42<br>8.42 | 1.10<br>0.94 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.18 | | | 0.04 | | | 0.23 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.21 | | | 0.05 | | | 0.16 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | 又X15又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.90<br>2.78 | 29.80<br>43.35 | OK<br>OK | 3.02<br>4.36 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.02 | 0.57<br>1.53 | OK<br>OK | —<br>TH-33 | | —<br>2.46 | —<br>22.83 | —<br>3.42 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.10 | 引張 | 0.00 | |
| | 又X22又<br>又X22又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.03<br>0.03 | 9.70<br>14.11 | OK<br>OK | 0.26<br>0.26 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X17又<br>又X21又Y4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.82<br>3.07 | 8.73<br>12.70 | OK<br>OK | 1.00<br>1.68 | 18.48<br>26.88 | OK<br>OK | 0.23<br>0.39 | 0.91<br>2.00 | OK<br>OK | TH-18<br>TH-18 | | 1.00<br>1.00 | 13.37<br>8.42 | 1.68<br>1.68 | 19.44<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.21 | | | 0.05 | | | 0.25 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.24 | | | 0.06 | | | 0.19 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又X17又<br>又X18又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.16<br>1.76 | 7.76<br>11.29 | OK<br>OK | 4.33<br>6.63 | 18.48<br>26.88 | OK<br>OK | 0.07<br>0.09 | 0.52<br>1.39 | OK<br>OK | TH-18D<br>— | | 1.44<br>— | 13.37<br>— | 1.79<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.15 | | | 0.23 | | | 0.12 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.16 | | | 0.25 | | | 0.06 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X22又<br>又又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.13<br>0.13 | 9.70<br>14.11 | OK<br>OK | 0.58<br>0.58 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>TH-18D | | —<br>0.58 | —<br>13.37 | —<br>0.58 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | 又X13又<br>又X14又Y5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.27<br>0.27 | 9.70<br>14.11 | OK<br>OK | 0.70<br>0.70 | 18.48<br>26.88 | OK<br>OK | 0.01<br>0.01 | 0.39<br>1.03 | OK<br>OK | —<br>TH-18D | | —<br>0.70 | —<br>13.37 | —<br>0.70 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.27<br>1.78 | 8.73<br>12.70 | OK<br>OK | 2.32<br>3.14 | 18.48<br>26.88 | OK<br>OK | 0.09<br>0.11 | 0.61<br>1.63 | OK<br>OK | TH-18<br>— | | 1.52<br>— | 13.37<br>— | 1.80<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.15 | | | 0.13 | | | 0.14 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.14 | | | 0.12 | | | 0.07 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X16又<br>又X17又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.80 | OK<br>OK | TH-18<br>TH-18 | | 0.00<br>0.00 | 8.42<br>13.37 | 0.00<br>0.00 | 12.24<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X20又<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.17<br>0.45 | OK<br>OK | TH-10<br>— | | 0.00<br>— | 4.18<br>— | 0.00<br>— | 6.08<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X９又<br>又X10又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.49<br>0.64 | 37.26<br>54.19 | OK<br>OK | 1.05<br>1.27 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.40<br>1.06 | OK<br>OK | K39<br>— | | 1.05<br>— | 99.00<br>— | 1.27<br>— | 79.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X９又<br>X10又Y５ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | BAP-240/30R<br>— | | 0.00<br>— | 13.15<br>— | 0.00<br>— | 19.12<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X20又<br>又X21又Y５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.41<br>0.41 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>TH-10 | | —<br>0.41 | —<br>4.18 | —<br>0.41 | —<br>6.08 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | | 0.07 | 引張 | 0.00 | |
| | 又X20又<br>又X22又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | OK<br>OK | 0.82<br>0.82 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.45<br>1.21 | OK<br>OK | TH-10<br>TH-10 | | 0.82<br>0.82 | 4.18<br>4.18 | 0.82<br>0.82 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.06 | | | 0.08 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又X11又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.37 | 12.67<br>18.43 | OK<br>OK | 0.82<br>0.82 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | OK<br>OK | —<br>TH-24 | | —<br>0.82 | —<br>19.20 | —<br>0.82 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | OK<br>OK | TH-10<br>TH-10 | | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | 又X18又Y５<br>又X22又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.90<br>3.19 | 8.73<br>12.70 | OK<br>OK | 1.04<br>1.75 | 18.48<br>26.88 | OK<br>OK | 0.24<br>0.40 | 0.91<br>2.00 | OK<br>OK | TH-18<br>TH-18 | | 1.04<br>1.04 | 8.42<br>8.42 | 1.75<br>1.75 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.22 | | | 0.06 | | | 0.26 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.25 | | | 0.07 | | | 0.20 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又X18又Y５<br>又X19又Y５ | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.02<br>0.02 | 9.70<br>14.11 | OK<br>OK | 0.18<br>0.18 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X14又Y５<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | OK<br>OK | 0.70<br>0.70 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.39<br>1.03 | OK<br>OK | TH-24D<br>— | | 0.70<br>— | 19.20<br>— | 0.70<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X14又Y５<br>又X16又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.75<br>1.27 | 6.42<br>9.33 | OK<br>OK | 1.22<br>2.04 | 15.84<br>23.04 | OK<br>OK | 0.06<br>0.11 | 0.61<br>1.63 | OK<br>OK | TH-18<br>TH-18 | | 0.41<br>1.22 | 13.37<br>8.42 | 0.70<br>2.04 | 19.44<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.12 | | | 0.08 | | | 0.10 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.14 | | | 0.09 | | | 0.07 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | 又X21又Y５<br>又又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.53<br>0.55 | 9.70<br>14.11 | OK<br>OK | 1.17<br>1.20 | 18.48<br>26.88 | OK<br>OK | 0.02<br>0.02 | 0.45<br>1.21 | OK<br>OK | —<br>TH-18 | | —<br>1.17 | —<br>13.37 | —<br>1.20 | —<br>19.44 | —<br>1.98 | —<br>27.10 | —<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.06 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.04 | | | 0.04 | | | 0.02 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | | 0.06 | 引張 | 0.07 | |
| | 又X19又Y５<br>又X19又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.09<br>0.09 | 9.70<br>14.11 | OK<br>OK | 0.41<br>0.41 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>TH-18 | | —<br>0.41 | —<br>13.37 | —<br>0.41 | —<br>19.44 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | 又X19又Y５<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | OK<br>OK | 0.82<br>0.82 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10 | | 0.82<br>0.82 | 4.18<br>4.18 | 0.82<br>0.82 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.06 | | | 0.08 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | X10又Y５<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.33<br>0.33 | 12.67<br>18.43 | OK<br>OK | 0.78<br>0.78 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.43<br>1.15 | OK<br>OK | TH-24<br>— | | 0.78<br>— | 12.49<br>— | 0.78<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | X10又Y5 | 欧州赤松集成材 | G+P | 1152 | 0.27 | 12.67 | OK | 0.70 | 21.12 | OK | 0.00 | 0.39 | OK | — | | — | — | — | — | — | — | — |
| | 又X10又 | 120×240 | G+P+S | 13824 | 0.27 | 18.43 | OK | 0.70 | 30.72 | OK | 0.00 | 1.03 | OK | TH-24D | | 0.70 | 19.20 | 0.70 | 27.92 | — | — | OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.03 | | 引張 | 0.00 | |
| | 又X17又Y5 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | OK | 0.00 | 13.20 | OK | 0.00 | 0.39 | OK | TH-10 | | 0.00 | 4.18 | 0.00 | 6.08 | — | — | OK |
| | 又X18又 | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | OK | 0.00 | 19.20 | OK | 0.00 | 1.05 | OK | TH-10 | | 0.00 | 4.18 | 0.00 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | | 引張 | 0.00 | |
| | X9又 | 欧州赤松集成材 | G+P | 648 | 0.00 | 7.13 | OK | 0.00 | 15.84 | OK | 0.00 | 0.26 | OK | BAP-180/60L | | 0.00 | 8.58 | 0.00 | 12.48 | — | — | OK |
| | X10又Y5 | 120×180 | G+P+S | 5832 | 0.00 | 10.37 | OK | 0.00 | 23.04 | OK | 0.00 | 0.70 | OK | TH-18 | | 0.00 | 8.42 | 0.00 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | | 引張 | 0.00 | |
| | 又X19又 | 欧州赤松集成材 | G+P | 882 | 0.71 | 9.70 | OK | 1.55 | 18.48 | OK | 0.03 | 0.46 | OK | TH-18 | | 1.55 | 13.37 | 1.85 | 19.44 | — | — | OK |
| | 又X21又Y5 | 120×210 | G+P+S | 9261 | 0.84 | 14.11 | OK | 1.85 | 26.88 | OK | 0.03 | 1.21 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.07 | | | 0.08 | | | 0.06 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.09 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.07 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | 又X15又 | 欧州赤松集成材 | G+P | 450 | 0.00 | 4.95 | OK | 0.00 | 13.20 | OK | 0.00 | 0.20 | OK | TH-10 | | 0.00 | 4.18 | 0.00 | 6.08 | — | — | OK |
| | 又X16又 | 120×150 | G+P+S | 3375 | 0.00 | 7.20 | OK | 0.00 | 19.20 | OK | 0.00 | 0.52 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | 又X15又 | 欧州赤松集成材 | G+P | 1152 | 0.63 | 11.40 | OK | 2.44 | 21.12 | OK | 0.00 | 0.26 | OK | — | | — | — | — | — | — | — | — |
| | 又X15又 | 120×240 | G+P+S | 13824 | 0.99 | 16.59 | OK | 3.78 | 30.72 | OK | 0.01 | 0.70 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.06 | | | 0.12 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | 又X15又 | 欧州赤松集成材 | G+P | 882 | 1.83 | 7.76 | OK | 1.20 | 18.48 | OK | 0.27 | 0.91 | OK | TH-18 | | 1.01 | 8.42 | 1.69 | 12.24 | — | — | OK |
| | 又X18又Y5 | 120×210 | G+P+S | 9261 | 3.08 | 11.29 | OK | 2.01 | 26.88 | OK | 0.46 | 2.00 | OK | TH-18 | | 1.20 | 8.42 | 2.01 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.24 | | | 0.06 | | | 0.30 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.14 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.27 | | | 0.07 | | | 0.23 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.16 | | 引張 | 0.00 | |
| | 又X18又 | 欧州赤松集成材 | G+P | 882 | 0.34 | 9.70 | OK | 1.07 | 18.48 | OK | 0.01 | 0.31 | OK | — | | — | — | — | — | — | — | — |
| | 又X19又 | 120×210 | G+P+S | 9261 | 0.40 | 14.11 | OK | 1.27 | 26.88 | OK | 0.01 | 0.84 | OK | TH-18 | | 1.07 | 13.37 | 1.27 | 19.44 | — | — | OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.07 | | 引張 | 0.00 | |
| | 又X10又 | 欧州赤松集成材 | G+P | 882 | 1.40 | 8.73 | OK | 0.82 | 18.48 | OK | 0.17 | 0.89 | OK | TH-18 | | 0.82 | 13.37 | 1.37 | 19.44 | — | — | OK |
| | 又X14又Y5 | 120×210 | G+P+S | 9261 | 2.36 | 12.70 | OK | 1.37 | 26.88 | OK | 0.28 | 2.00 | OK | TH-18 | | 0.77 | 13.37 | 1.29 | 19.44 | — | — | OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.04 | | | 0.19 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.07 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.19 | | | 0.05 | | | 0.14 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.07 | | 引張 | 0.00 | |
| | 又X10又 | 欧州赤松集成材 | G+P | 1152 | 0.00 | 12.67 | OK | 0.00 | 21.12 | OK | 0.00 | 0.39 | OK | TH-24D | | 0.00 | 19.20 | 0.00 | 27.92 | — | — | OK |
| | 又X11又Y6 | 120×240 | G+P+S | 13824 | 0.00 | 18.43 | OK | 0.00 | 30.72 | OK | 0.00 | 1.03 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | 又X16又 | 欧州赤松集成材 | G+P | 450 | 0.07 | 4.95 | OK | 0.36 | 13.20 | OK | 0.00 | 0.20 | OK | — | | — | — | — | — | — | — | — |
| | 又X16又Y6 | 120×150 | G+P+S | 3375 | 0.07 | 7.20 | OK | 0.36 | 19.20 | OK | 0.00 | 0.53 | OK | TH-10 | | 0.36 | 4.18 | 0.36 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | | 引張 | 0.00 | |
| | 又X15又 | 欧州赤松集成材 | G+P | 450 | 0.07 | 4.95 | OK | 0.36 | 13.20 | OK | 0.00 | 0.20 | OK | TH-10 | | 0.36 | 4.18 | 0.36 | 6.08 | — | — | OK |
| | 又X16又 | 120×150 | G+P+S | 3375 | 0.07 | 7.20 | OK | 0.36 | 19.20 | OK | 0.00 | 0.53 | OK | TH-10 | | 0.36 | 4.18 | 0.36 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | | 引張 | 0.00 | |
| | 又X15又 | 欧州赤松集成材 | G+P | 1152 | 0.07 | 12.67 | OK | 0.36 | 21.12 | OK | 0.00 | 0.20 | OK | — | | — | — | — | — | — | — | — |
| | 又X16又Y6 | 120×240 | G+P+S | 13824 | 0.07 | 18.43 | OK | 0.36 | 30.72 | OK | 0.00 | 0.53 | OK | TH-24D | | 0.36 | 19.20 | 0.36 | 27.92 | — | — | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.01 | | 引張 | 0.00 | |
| | 又X13又 | 欧州赤松集成材 | G+P | 1152 | 0.37 | 12.67 | OK | 1.37 | 21.12 | OK | 0.01 | 0.46 | OK | TH-24 | | 1.37 | 12.49 | 2.30 | 18.16 | — | — | OK |
| | 又X14又 | 120×240 | G+P+S | 13824 | 0.62 | 18.43 | OK | 2.30 | 30.72 | OK | 0.01 | 1.23 | OK | TH-24 | | 0.23 | 12.49 | 0.39 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | 0.13 | | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.02 | | 引張 | 0.00 | |
| | 又X13又 | 欧州赤松集成材 | G+P | 1152 | 0.37 | 12.67 | OK | 0.82 | 21.12 | OK | 0.01 | 0.46 | OK | — | | — | — | — | — | — | — | — |
| | 又X15又 | 120×240 | G+P+S | 13824 | 0.37 | 18.43 | OK | 0.82 | 30.72 | OK | 0.01 | 1.21 | OK | TH-24 | | 0.82 | 12.49 | 0.82 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X16又Y6<br>又X18又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.53<br>0.64 | 8.73<br>12.70 | OK<br>OK | 1.35<br>1.61 | 18.48<br>26.88 | OK<br>OK | 0.02<br>0.02 | 0.40<br>1.06 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.06 | | | 0.07 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9又Y6<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.49<br>1.30 | OK<br>OK | BAP-180/60L<br>TH-18 | | 0.00<br>0.00 | 8.58<br>13.37 | 0.00<br>0.00 | 12.48<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | 又X16又Y6<br>又X16又Y6 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.14<br>0.16 | 9.70<br>14.11 | OK<br>OK | 0.68<br>0.81 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | TH-18<br>— | | 0.68<br>— | 13.37<br>— | 0.81<br>— | 19.44<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X11又Y6<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.33<br>0.33 | 12.67<br>18.43 | OK<br>OK | 0.78<br>0.78 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.43<br>1.15 | OK<br>OK | TH-24<br>— | | 0.78<br>— | 12.49<br>— | 0.78<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X11又Y6<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.11<br>0.18 | 12.67<br>18.43 | OK<br>OK | 1.39<br>2.23 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.23 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.07 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.07 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.25<br>0.25 | 12.67<br>18.43 | OK<br>OK | 0.68<br>0.68 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.38<br>1.00 | OK<br>OK | —<br>TH-24D | | —<br>0.68 | —<br>19.20 | —<br>0.68 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | 又X14又<br>又X16又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.71<br>0.84 | 12.67<br>18.43 | OK<br>OK | 1.55<br>1.85 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.02 | 0.46<br>1.21 | OK<br>OK | —<br>TH-24 | | —<br>1.55 | —<br>19.20 | —<br>1.85 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.07 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | 又X9又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.30<br>0.50 | 7.13<br>10.37 | OK<br>OK | 1.10<br>1.85 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.02 | 0.46<br>1.23 | OK<br>OK | TH-18<br>TH-18 | | 1.10<br>0.19 | 8.42<br>8.42 | 1.85<br>0.32 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X9又Y7<br>又X11又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.71<br>1.19 | 6.42<br>9.33 | OK<br>OK | 0.71<br>1.19 | 15.84<br>23.04 | OK<br>OK | 0.09<br>0.14 | 0.71<br>1.89 | OK<br>OK | BAP-180/60L<br>TH-18 | | 0.71<br>0.40 | 8.58<br>8.42 | 1.19<br>0.67 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.04 | | | 0.12 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.13 | | | 0.05 | | | 0.08 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | 又X12又Y7<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.63<br>0.75 | 12.67<br>18.43 | OK<br>OK | 1.47<br>1.74 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.02 | 0.43<br>1.15 | OK<br>OK | TH-24<br>— | | 1.47<br>— | 19.20<br>— | 1.74<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.21 | 7.13<br>10.37 | OK<br>OK | 0.78<br>0.92 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>TH-10 | | —<br>0.78 | —<br>4.40 | —<br>0.92 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.21 | 6.42<br>9.33 | OK<br>OK | 0.78<br>0.92 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.21 | 7.13<br>10.37 | OK<br>OK | 0.78<br>0.92 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X9Y8<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.09<br>0.10 | 7.13<br>10.37 | OK<br>OK | 0.55<br>0.65 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.16<br>0.43 | OK<br>OK | K15<br>— | | 0.55<br>— | 99.00<br>— | 0.65<br>— | 79.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| 1 | Y0<br>X0又X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.38<br>0.47 | 12.67<br>18.43 | OK<br>OK | 1.27<br>1.56 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.54 | OK<br>OK | TH-24<br>— | | 1.27<br>— | 19.20<br>— | 1.56<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | Y0<br>又X1又X2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.36<br>1.67 | 11.40<br>16.59 | OK<br>OK | 2.40<br>2.95 | 21.12<br>30.72 | OK<br>OK | 0.06<br>0.07 | 0.38<br>1.01 | OK<br>OK | —<br>TH-24 | | —<br>2.40 | —<br>19.20 | —<br>2.95 | —<br>27.92 | —<br>2.55 | —<br>34.80 | —<br>OK |
| | | | | 検定値(長期) | | 0.12 | | | 0.11 | | | 0.15 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.10 | | | 0.10 | | | 0.07 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | | 0.11 | 引張 | 0.07 | |
| | Y0<br>又X2又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.35<br>1.65 | 12.67<br>18.43 | OK<br>OK | 2.38<br>2.93 | 21.12<br>30.72 | OK<br>OK | 0.05<br>0.06 | 0.38<br>1.00 | OK<br>OK | TH-24<br>— | | 2.38<br>— | 19.20<br>— | 2.93<br>— | 27.92<br>— | 2.55<br>— | 34.80<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.11 | | | 0.11 | | | 0.13 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | | 0.10 | 引張 | 0.07 | |
| | | | | 検定値(短期) | | 0.09 | | | 0.10 | | | 0.06 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又X4 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.01<br>0.01 | 12.67<br>18.43 | OK<br>OK | 0.18<br>0.23 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.08 | OK<br>OK | —<br>TH-24 | | —<br>0.18 | —<br>19.20 | —<br>0.23 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.01 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | Y0<br>X4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.18<br>0.22 | 28.91<br>42.05 | OK<br>OK | 1.21<br>1.39 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | OK<br>OK | TH-33<br>— | | 1.21<br>— | 22.83<br>— | 1.39<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又X5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 1.95<br>3.83 | 28.91<br>52.57 | OK<br>OK | 7.35<br>14.23 | 34.32<br>62.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.07 | | | 0.21 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.07 | | | 0.23 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又X5 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | Y0<br>又X5又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 5.66<br>6.39 | 28.91<br>52.57 | OK<br>OK | 13.69<br>19.61 | 34.32<br>62.40 | OK<br>OK | 0.03<br>0.04 | 0.30<br>0.81 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.20 | | | 0.40 | | | 0.10 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.12 | | | 0.31 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 4.57<br>5.34 | 28.91<br>52.57 | OK<br>OK | 13.08<br>17.68 | 34.32<br>62.40 | OK<br>OK | 0.02<br>0.03 | 0.30<br>0.81 | OK<br>OK | —<br>TH-33 | | —<br>8.08 | —<br>22.83 | —<br>8.97 | —<br>41.50 | —<br>7.71 | —<br>40.30 | —<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.38 | | | 0.08 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.10 | | | 0.28 | | | 0.04 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | | 0.22 | 引張 | 0.19 | |
| | Y0<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.80<br>3.12 | 33.53<br>48.77 | OK<br>OK | 13.04<br>14.81 | 36.96<br>53.76 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | TH-33<br>— | | 9.78<br>— | 22.83<br>— | 10.88<br>— | 33.20<br>— | 7.71<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.08 | | | 0.35 | | | 0.03 | | 検定値(始点側) | 長期 | 0.43 | 短期せん断 | | 0.33 | 引張 | 0.19 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.28 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又又X7 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.21<br>2.29 | 33.53<br>48.77 | OK<br>OK | 5.44<br>5.73 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.54 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.07 | | | 0.15 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.11 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又X7又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 3.08<br>6.30 | 33.53<br>60.96 | OK<br>OK | 7.11<br>14.17 | 36.96<br>67.20 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.19 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.10 | | | 0.21 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y0<br>又X7又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | Y0<br>又X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.15<br>0.20 | 33.53<br>48.77 | OK<br>OK | 0.67<br>0.88 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-33 | | —<br>0.67 | —<br>22.83 | —<br>0.88 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | Y0<br>又X9 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | 又Y0<br>X0X4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 12.35<br>31.29 | 25.70<br>46.73 | OK<br>OK | 7.49<br>17.29 | 34.32<br>62.40 | OK<br>OK | 0.85<br>1.93 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 7.49<br>8.04 | 21.67<br>21.67 | 17.29<br>12.88 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.48 | | | 0.22 | | | 0.86 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | | 0.44 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.67 | | | 0.28 | | | 0.97 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | | 0.33 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | Y1<br>XO又X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | OK<br>OK | 0.86<br>0.86 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.86<br>0.86 | 4.18<br>4.18 | 0.86<br>0.86 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | Y1<br>又X1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.27 | 4.95<br>7.20 | OK<br>OK | 1.02<br>1.02 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.17<br>0.46 | OK<br>OK | TH-10<br>TH-10 | 1.02<br>1.02 | 4.18<br>4.18 | 1.02<br>1.02 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | Y1<br>又又X3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.05<br>2.05 | 7.13<br>10.37 | OK<br>OK | 3.00<br>3.00 | 15.84<br>23.04 | OK<br>OK | 0.22<br>0.22 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18 | 3.00<br>3.00 | 8.42<br>8.42 | 3.00<br>3.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.29 | | | 0.19 | | | 0.49 | | 検定値(始点側) | 長期 | 0.36 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.20 | | | 0.13 | | | 0.18 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | Y1<br>又X3X4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.38<br>0.38 | 4.95<br>7.20 | OK<br>OK | 1.24<br>1.24 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.21<br>0.55 | OK<br>OK | TH-10<br>TH-10 | 1.24<br>1.24 | 4.18<br>4.18 | 1.24<br>1.24 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.09 | | | 0.07 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.03 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | Y1<br>又X4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.30<br>0.30 | 3.96<br>5.76 | OK<br>OK | 1.23<br>1.23 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.01<br>1.23 | 4.18<br>4.18 | 1.01<br>1.23 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.09 | | | 0.05 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | Y1<br>又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.56<br>7.25 | 10.14<br>18.43 | OK<br>OK | 3.79<br>16.28 | 21.12<br>38.40 | OK<br>OK | 0.01<br>0.04 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | 3.79<br>3.79 | 12.49<br>12.49 | 16.28<br>16.28 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.15 | | | 0.18 | | | 0.06 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.72 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.39 | | | 0.42 | | | 0.11 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.72 | 引張 | 0.00 | | |
| | Y1<br>又X5又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+K | 648<br>5832 | 0.60<br>3.92 | 7.13<br>12.96 | OK<br>OK | 1.77<br>9.05 | 15.84<br>28.80 | OK<br>OK | 0.01<br>0.04 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18 | 1.77<br>1.77 | 8.42<br>8.42 | 9.05<br>9.05 | 15.30<br>15.30 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.11 | | | 0.05 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.59 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.30 | | | 0.31 | | | 0.11 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.59 | 引張 | 0.00 | | |
| | Y1<br>又又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 1.62<br>3.61 | 19.80<br>36.00 | OK<br>OK | 5.69<br>12.43 | 26.40<br>48.00 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | 3.49<br>5.69 | 12.49<br>12.49 | 7.15<br>12.43 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.22 | | | 0.03 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | 0.31 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.26 | | | 0.02 | | 検定値(終点側) | 長期 | 0.46 | 短期せん断 | 0.55 | 引張 | 0.00 | | |
| | Y1<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.88<br>0.88 | 4.18<br>4.18 | 0.88<br>0.88 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | Y1<br>又X6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.88<br>0.88 | 4.18<br>4.18 | 0.88<br>0.88 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | Y1<br>X6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.73<br>2.26 | 19.80<br>28.80 | OK<br>OK | 6.09<br>7.85 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | 3.70<br>6.09 | 12.49<br>12.49 | 4.66<br>7.85 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.23 | | | 0.03 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.20 | | | 0.01 | | 検定値(終点側) | 長期 | 0.49 | 短期せん断 | 0.43 | 引張 | 0.00 | | |
| | Y1<br>又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.88<br>0.88 | 4.18<br>4.18 | 0.88<br>0.88 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | Y1<br>又X7又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | OK<br>OK | 0.88<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.88<br>0.88 | 4.18<br>4.18 | 0.88<br>0.88 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | Y1<br>又X9 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.65<br>0.65 | 15.84<br>23.04 | OK<br>OK | 1.61<br>1.61 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | 1.61<br>1.56 | 12.49<br>12.49 | 1.61<br>1.56 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | 又Y1<br>XOX4 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 18.70<br>35.46 | 34.21<br>62.21 | OK<br>OK | 12.57<br>16.91 | 39.60<br>72.00 | OK<br>OK | 0.77<br>1.40 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-45 | 12.08<br>12.57 | 21.67<br>29.00 | 20.86<br>16.91 | 39.40<br>52.90 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.55 | | | 0.32 | | | 0.78 | | 検定値(始点側) | 長期 | 0.56 | 短期せん断 | 0.53 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.57 | | | 0.23 | | | 0.70 | | 検定値(終点側) | 長期 | 0.43 | 短期せん断 | 0.32 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又Y1<br>X4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.25<br>0.25 | 8.73<br>12.70 | OK<br>OK | 1.72<br>1.72 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.33 | OK<br>OK | TH-18<br>— | | 1.72<br>— | 8.42<br>— | 1.72<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.09 | | | 0.01 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又Y1<br>又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.02<br>0.02 | 9.70<br>14.11 | OK<br>OK | 0.24<br>0.24 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.05<br>0.13 | OK<br>OK | —<br>TH-18 | | —<br>0.24 | —<br>8.42 | —<br>0.24 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | 又Y1<br>又X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.04<br>0.04 | 9.70<br>14.11 | OK<br>OK | 0.38<br>0.38 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-18<br>— | | 0.38<br>— | 8.42<br>— | 0.38<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又Y1<br>X5又X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.02<br>0.02 | 9.70<br>14.11 | OK<br>OK | 0.17<br>0.17 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>TH-18 | | —<br>0.17 | —<br>8.42 | —<br>0.17 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | 又<br>又X9 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.68<br>1.68 | 15.84<br>23.04 | OK<br>OK | 3.26<br>3.26 | 26.40<br>38.40 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | | 3.26<br>2.75 | 12.49<br>12.49 | 3.26<br>2.75 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.12 | | | 0.04 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | | 0.18 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.09 | | | 0.01 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 9.71<br>9.71 | 21.90<br>31.85 | OK<br>OK | 6.17<br>6.17 | 31.68<br>46.08 | OK<br>OK | 0.61<br>0.61 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 6.17<br>6.17 | 21.67<br>21.67 | 6.17<br>6.17 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.44 | | | 0.19 | | | 0.62 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | | 0.20 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.30 | | | 0.13 | | | 0.31 | | 検定値(終点側) | 長期 | 0.28 | 短期せん断 | | 0.20 | 引張 | 0.00 | |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 8.11<br>8.11 | 22.83<br>21.67 | 8.11<br>8.11 | 33.20<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.59 | | | 0.26 | | | 0.82 | | 検定値(始点側) | 長期 | 0.36 | 短期せん断 | | 0.24 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.18 | | | 0.41 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | | 0.26 | 引張 | 0.00 | |
| | 又<br>又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.04<br>4.99 | 10.14<br>18.43 | OK<br>OK | 2.46<br>11.13 | 21.12<br>38.40 | OK<br>OK | 0.01<br>0.03 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | | 2.46<br>2.46 | 12.49<br>12.49 | 11.13<br>11.13 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.12 | | | 0.04 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.49 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.27 | | | 0.29 | | | 0.07 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.49 | 引張 | 0.00 | |
| | 又<br>又X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又<br>又X6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又<br>X6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又<br>又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又<br>又X7又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.28<br>0.28 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.26 | OK<br>OK | TH-10<br>TH-10 | | 0.28<br>0.28 | 4.18<br>4.18 | 0.28<br>0.28 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.48<br>0.48 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-10<br>TH-10 | | 0.48<br>0.48 | 4.18<br>4.18 | 0.48<br>0.48 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.08 | 引張 | 0.00 | |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 8.11<br>8.11 | 21.67<br>21.67 | 8.11<br>8.11 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.59 | | | 0.26 | | | 0.82 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | | 0.26 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.18 | | | 0.41 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | | 0.26 | 引張 | 0.00 | |
| | 又<br>又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.15<br>5.09 | 10.14<br>18.43 | OK<br>OK | 2.69<br>11.36 | 21.12<br>38.40 | OK<br>OK | 0.01<br>0.03 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | | 2.69<br>2.69 | 12.49<br>12.49 | 11.36<br>11.36 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.13 | | | 0.04 | | 検定値(始点側) | 長期 | 0.22 | 短期せん断 | | 0.50 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.28 | | | 0.30 | | | 0.07 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | | 0.50 | 引張 | 0.00 | |
| | 又<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 8.11<br>8.11 | 21.67<br>21.67 | 8.11<br>8.11 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.59 | | | 0.26 | | | 0.82 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | | 0.26 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.18 | | | 0.41 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | | 0.26 | 引張 | 0.00 | |
| | Y2<br>X0X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 8.11<br>8.11 | 22.83<br>22.83 | 8.11<br>8.11 | 33.20<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.59 | | | 0.26 | | | 0.82 | | 検定値(始点側) | 長期 | 0.36 | 短期せん断 | | 0.24 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.18 | | | 0.41 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | | 0.24 | 引張 | 0.00 | |
| | Y2<br>X4X5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 4.84<br>6.25 | 25.70<br>46.73 | OK<br>OK | 11.36<br>14.59 | 34.32<br>62.40 | OK<br>OK | 0.01<br>0.02 | 0.25<br>0.67 | OK<br>OK | TH-33D<br>— | | 6.15<br>— | 22.83<br>— | 7.55<br>— | 41.50<br>— | 0.09<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.19 | | | 0.33 | | | 0.06 | | 検定値(始点側) | 長期 | 0.27 | 短期せん断 | | 0.18 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.13 | | | 0.23 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>X5又X5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 1.29<br>1.71 | 25.70<br>46.73 | OK<br>OK | 11.27<br>14.96 | 34.32<br>62.40 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.25 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.33 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.04 | | | 0.24 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>又X5又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 7.40<br>8.42 | 25.70<br>46.73 | OK<br>OK | 18.23<br>20.22 | 34.32<br>62.40 | OK<br>OK | 0.04<br>0.04 | 0.31<br>0.84 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.29 | | | 0.53 | | | 0.12 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.18 | | | 0.32 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>又X6 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 5.41<br>5.41 | 25.70<br>37.38 | OK<br>OK | 8.37<br>8.37 | 34.32<br>49.92 | OK<br>OK | 0.02<br>0.02 | 0.27<br>0.73 | OK<br>OK | —<br>TH-33 | | —<br>7.04 | —<br>22.83 | —<br>7.04 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.21 | | | 0.24 | | | 0.07 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.14 | | | 0.17 | | | 0.02 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | Y2<br>X6又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 3.27<br>3.36 | 34.21<br>49.77 | OK<br>OK | 10.11<br>10.35 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.21<br>0.55 | OK<br>OK | TH-45<br>— | | 4.69<br>— | 25.30<br>— | 4.78<br>— | 36.80<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.10 | | | 0.26 | | | 0.02 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.18 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>又X7 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.04<br>0.04 | 42.77<br>62.21 | OK<br>OK | 0.47<br>0.47 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.16 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>X7又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 3.46<br>4.13 | 34.21<br>62.21 | OK<br>OK | 13.01<br>15.61 | 39.60<br>72.00 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.62 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.10 | | | 0.33 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.07 | | | 0.22 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>又又X8 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.58<br>0.58 | 38.49<br>55.99 | OK<br>OK | 2.66<br>2.66 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.07 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y2<br>又X8X9 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.06<br>0.06 | 42.77<br>62.21 | OK<br>OK | 0.51<br>0.51 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.22 | OK<br>OK | —<br>TH-45 | | —<br>0.51 | —<br>25.30 | —<br>0.51 | —<br>36.80 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | | 0.01 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | | |
| 1 | XOX4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.94<br>12.94 | 21.90<br>31.85 | OK<br>OK | 8.11<br>8.11 | 31.68<br>46.08 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 8.11<br>8.11 | 21.67<br>21.67 | 8.11<br>8.11 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.59 | | | 0.26 | | | 0.82 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.41 | | | 0.18 | | | 0.41 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | XOX4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 12.82<br>12.82 | 21.90<br>31.85 | OK<br>OK | 8.10<br>8.10 | 31.68<br>46.08 | OK<br>OK | 0.81<br>0.81 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 8.10<br>8.10 | 21.67<br>21.67 | 8.10<br>8.10 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.59 | | | 0.26 | | | 0.83 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.40 | | | 0.18 | | | 0.41 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | 又又X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.30<br>5.25 | 10.14<br>18.43 | OK<br>OK | 3.03<br>11.71 | 21.12<br>38.40 | OK<br>OK | 0.01<br>0.03 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | 3.03<br>3.03 | 12.49<br>12.49 | 11.71<br>11.71 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.13 | | | 0.14 | | | 0.05 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.52 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.28 | | | 0.30 | | | 0.08 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.52 | 引張 | 0.00 | | |
| | 又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18 | 0.66<br>0.66 | 8.42<br>8.42 | 0.66<br>0.66 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | X6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18 | 0.66<br>0.66 | 8.42<br>8.42 | 0.66<br>0.66 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | Y3<br>XO又X1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.37<br>0.37 | 23.00<br>33.45 | OK<br>OK | 1.62<br>1.62 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33<br>— | 1.62<br>— | 22.83<br>— | 1.62<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— | | |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>XO又X1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | Y3<br>又X1又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | Y3<br>又X1又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.44<br>0.44 | 23.00<br>33.45 | OK<br>OK | 1.95<br>1.95 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | | |
| | | | | 検定値(長期) | | 0.02 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 4.31<br>11.40 | 18.40<br>33.45 | OK<br>OK | 8.14<br>21.35 | 29.04<br>52.80 | OK<br>OK | 0.07<br>0.18 | 0.40<br>1.06 | OK<br>OK | —<br>TH-33 | —<br>5.90 | —<br>22.83 | —<br>10.04 | —<br>41.50 | —<br>— | —<br>— | —<br>OK | | |
| | | | | 検定値(長期) | | 0.23 | | | 0.28 | | | 0.18 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.34 | | | 0.40 | | | 0.17 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | Y3<br>X3X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.52<br>1.52 | 27.37<br>39.81 | OK<br>OK | 3.56<br>3.56 | 31.68<br>46.08 | OK<br>OK | 0.01<br>0.01 | 0.28<br>0.76 | OK<br>OK | TH-33<br>— | 3.56<br>— | 22.83<br>— | 3.56<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— | | |
| | | | | 検定値(長期) | | 0.06 | | | 0.11 | | | 0.03 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>X4又X4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.18<br>0.18 | 27.37<br>39.81 | OK<br>OK | 1.25<br>1.25 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.26 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | | |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又X4又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 1.19<br>2.30 | 24.63<br>44.79 | OK<br>OK | 4.29<br>7.62 | 31.68<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.35 | OK<br>OK | —<br>TH-33 | —<br>4.29 | —<br>22.83 | —<br>7.62 | —<br>41.50 | —<br>— | —<br>— | —<br>OK | | |
| | | | | 検定値(長期) | | 0.05 | | | 0.14 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.13 | | | 0.01 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | Y3<br>X5又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 2.22<br>3.97 | 18.40<br>33.45 | OK<br>OK | 5.46<br>9.32 | 29.04<br>52.80 | OK<br>OK | 0.01<br>0.02 | 0.23<br>0.61 | OK<br>OK | TH-33<br>— | 5.46<br>— | 22.83<br>— | 9.32<br>— | 41.50<br>— | —<br>— | —<br>— | OK<br>— | | |
| | | | | 検定値(長期) | | 0.12 | | | 0.19 | | | 0.04 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.22 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.18 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y3<br>又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 3.14<br>3.64 | 18.40<br>26.76 | OK<br>OK | 9.01<br>10.63 | 29.04<br>42.24 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | | |
| | | | | 検定値(長期) | | 0.17 | | | 0.31 | | | 0.07 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.14 | | | 0.25 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | Y3<br>X6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.79<br>1.79 | 20.70<br>30.11 | OK<br>OK | 4.80<br>4.80 | 29.04<br>42.24 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.17 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.11 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y3<br>X6X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 2.66<br>4.44 | 20.70<br>37.64 | OK<br>OK | 11.35<br>37.11 | 29.04<br>52.80 | OK<br>OK | 0.02<br>0.03 | 0.27<br>0.71 | OK<br>OK | —<br>TH-33 | | —<br>5.05 | —<br>22.83 | —<br>7.04 | —<br>41.50 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.39 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.12 | | | 0.70 | | | 0.04 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | Y3<br>X7又X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.06<br>0.06 | 20.70<br>30.11 | OK<br>OK | 2.16<br>2.16 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.11 | OK<br>OK | TH-33<br>— | | 0.56<br>— | 22.83<br>— | 0.56<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.07 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | | 0.02 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y3<br>又X7X9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.73<br>9.69 | 18.40<br>26.76 | OK<br>OK | 14.18<br>16.36 | 29.04<br>42.24 | OK<br>OK | 0.13<br>0.14 | 0.37<br>1.00 | OK<br>OK | —<br>TH-33D | | —<br>12.76 | —<br>22.83 | —<br>13.48 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.47 | | | 0.49 | | | 0.34 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.36 | | | 0.39 | | | 0.14 | | 検定値(終点側) | 長期 | 0.56 | 短期せん断 | | 0.41 | 引張 | 0.00 | |
| | X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 6.45<br>6.45 | 15.84<br>23.04 | OK<br>OK | 5.57<br>5.57 | 26.40<br>38.40 | OK<br>OK | 0.35<br>0.35 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | | 5.57<br>5.57 | 12.49<br>12.49 | 5.57<br>5.57 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.41 | | | 0.21 | | | 0.50 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | | 0.31 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.28 | | | 0.15 | | | 0.19 | | 検定値(終点側) | 長期 | 0.45 | 短期せん断 | | 0.31 | 引張 | 0.00 | |
| | X3X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.21<br>3.21 | 12.67<br>18.43 | OK<br>OK | 4.00<br>4.00 | 21.12<br>30.72 | OK<br>OK | 0.16<br>0.16 | 0.53<br>1.42 | OK<br>OK | TH-24<br>TH-24 | | 4.00<br>4.00 | 12.49<br>12.49 | 4.00<br>4.00 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.25 | | | 0.19 | | | 0.30 | | 検定値(始点側) | 長期 | 0.32 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.17 | | | 0.13 | | | 0.11 | | 検定値(終点側) | 長期 | 0.32 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | X5X7 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 11.75<br>11.75 | 25.70<br>37.38 | OK<br>OK | 7.92<br>7.92 | 34.32<br>49.92 | OK<br>OK | 0.55<br>0.55 | 0.95<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 7.92<br>7.76 | 21.67<br>21.67 | 7.92<br>7.76 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.46 | | | 0.23 | | | 0.58 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | | 0.25 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.31 | | | 0.16 | | | 0.28 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | | 0.25 | 引張 | 0.00 | |
| | X7X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.79<br>0.79 | 4.95<br>7.20 | OK<br>OK | 1.84<br>1.84 | 13.20<br>19.20 | OK<br>OK | 0.05<br>0.05 | 0.29<br>0.76 | OK<br>OK | TH-10<br>TH-10 | | 1.84<br>1.84 | 4.18<br>4.18 | 1.84<br>1.84 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.14 | | | 0.16 | | 検定値(始点側) | 長期 | 0.44 | 短期せん断 | | 0.30 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.11 | | | 0.10 | | | 0.06 | | 検定値(終点側) | 長期 | 0.44 | 短期せん断 | | 0.30 | 引張 | 0.00 | |
| | X8X9 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.09<br>0.09 | 9.70<br>14.11 | OK<br>OK | 0.48<br>0.48 | 18.48<br>26.88 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-18<br>TH-18 | | 0.48<br>0.48 | 8.42<br>8.42 | 0.48<br>0.48 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.85<br>4.85 | 15.84<br>23.04 | OK<br>OK | 4.27<br>4.27 | 26.40<br>38.40 | OK<br>OK | 0.27<br>0.27 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | | 4.27<br>4.27 | 12.49<br>12.49 | 4.27<br>4.27 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.31 | | | 0.16 | | | 0.38 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | | 0.23 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.21 | | | 0.11 | | | 0.14 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | | 0.23 | 引張 | 0.00 | |
| | X3X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.47<br>2.47 | 12.67<br>18.43 | OK<br>OK | 3.09<br>3.09 | 21.12<br>30.72 | OK<br>OK | 0.13<br>0.13 | 0.53<br>1.42 | OK<br>OK | TH-24<br>TH-24 | | 3.09<br>3.09 | 12.49<br>12.49 | 3.09<br>3.09 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.20 | | | 0.15 | | | 0.23 | | 検定値(始点側) | 長期 | 0.25 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.13 | | | 0.10 | | | 0.09 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | X5X7 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 11.75<br>11.75 | 25.70<br>37.38 | OK<br>OK | 7.92<br>7.92 | 34.32<br>49.92 | OK<br>OK | 0.55<br>0.55 | 0.95<br>2.00 | OK<br>OK | TH-33<br>TH-33 | | 7.92<br>7.76 | 21.67<br>21.67 | 7.92<br>7.76 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.46 | | | 0.23 | | | 0.58 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | | 0.25 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.31 | | | 0.16 | | | 0.28 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | | 0.25 | 引張 | 0.00 | |
| | X7X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.79<br>0.79 | 4.95<br>7.20 | OK<br>OK | 1.84<br>1.84 | 13.20<br>19.20 | OK<br>OK | 0.05<br>0.05 | 0.29<br>0.76 | OK<br>OK | TH-10<br>TH-10 | | 1.84<br>1.84 | 4.18<br>4.18 | 1.84<br>1.84 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.14 | | | 0.16 | | 検定値(始点側) | 長期 | 0.44 | 短期せん断 | | 0.30 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.11 | | | 0.10 | | | 0.06 | | 検定値(終点側) | 長期 | 0.44 | 短期せん断 | | 0.30 | 引張 | 0.00 | |
| | X8X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.16<br>0.16 | 12.67<br>18.43 | OK<br>OK | 0.85<br>0.85 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-24<br>TH-24 | | 0.85<br>0.85 | 12.49<br>12.49 | 0.85<br>0.85 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | Y4<br>X0X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.18<br>0.18 | 12.67<br>18.43 | OK<br>OK | 0.80<br>0.80 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-24<br>— | | 0.80<br>— | 12.49<br>— | 0.80<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | |
| 1 | Y4<br>X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.21 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-10<br>TH-10 | 0.21<br>0.21 | 4.40<br>4.40 | 0.21<br>0.21 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | Y4<br>X1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.77<br>0.77 | 11.40<br>16.59 | OK<br>OK | 1.79<br>1.79 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.62 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | |
| | | | | 検定値(長期) | | 0.07 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y4<br>X1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.11<br>0.11 | 4.95<br>7.20 | OK<br>OK | 0.33<br>0.33 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.62 | OK<br>OK | TH-10<br>TH-10 | 0.33<br>0.33 | 4.40<br>4.40 | 0.33<br>0.33 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | Y4<br>又X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 4.18<br>4.38 | 10.14<br>14.75 | OK<br>OK | 6.10<br>6.29 | 21.12<br>30.72 | OK<br>OK | 0.10<br>0.10 | 0.32<br>0.86 | OK<br>OK | —<br>TH-24 | —<br>5.50 | —<br>19.20 | —<br>5.72 | —<br>27.92 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.41 | | | 0.29 | | | 0.30 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.30 | | | 0.20 | | | 0.12 | | 検定値(終点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | Y4<br>又X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.22 | 4.95<br>7.20 | OK<br>OK | 0.46<br>0.46 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.02 | 0.32<br>0.86 | OK<br>OK | TH-10<br>TH-10 | 0.46<br>0.46 | 4.40<br>4.40 | 0.46<br>0.46 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.08 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.02 | | | 0.03 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | Y4<br>X3X5 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 11.10<br>12.16 | 27.37<br>39.81 | OK<br>OK | 10.92<br>11.91 | 31.68<br>46.08 | OK<br>OK | 0.19<br>0.20 | 0.53<br>1.42 | OK<br>OK | TH-33<br>TH-33 | 10.92<br>9.67 | 22.83<br>22.83 | 11.91<br>10.20 | 33.20<br>33.20 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.41 | | | 0.34 | | | 0.35 | | 検定値(始点側) | 長期 | 0.48 | 短期せん断 | 0.36 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.31 | | | 0.26 | | | 0.14 | | 検定値(終点側) | 長期 | 0.42 | 短期せん断 | 0.31 | 引張 | 0.00 | | |
| | 又Y4<br>X5X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 10.04<br>10.04 | 18.40<br>26.76 | OK<br>OK | 6.77<br>6.77 | 29.04<br>42.24 | OK<br>OK | 0.78<br>0.78 | 0.95<br>2.00 | OK<br>OK | —<br>TH-33 | —<br>6.69 | —<br>21.67 | —<br>6.69 | —<br>31.52 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.55 | | | 0.23 | | | 0.82 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.38 | | | 0.16 | | | 0.39 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | 又Y4<br>X7X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.70<br>0.70 | 4.95<br>7.20 | OK<br>OK | 1.64<br>1.64 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.29<br>0.76 | OK<br>OK | TH-10<br>TH-10 | 1.64<br>1.64 | 4.18<br>4.18 | 1.64<br>1.64 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.14 | | | 0.12 | | | 0.15 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.09 | | | 0.05 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | 又Y4<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.47<br>0.47 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-10<br>TH-10 | 0.47<br>0.47 | 4.18<br>4.18 | 0.47<br>0.47 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | 又X4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.29<br>1.29 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.47 | OK<br>OK | TH-10<br>TH-10 | 1.29<br>1.29 | 4.18<br>4.18 | 1.29<br>1.29 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.08 | | | 0.10 | | | 0.06 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.07 | | | 0.02 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | 又X4X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.29<br>1.29 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.47 | OK<br>OK | TH-10<br>TH-10 | 1.29<br>1.29 | 4.18<br>4.18 | 1.29<br>1.29 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | |
| | | | | 検定値(長期) | | 0.08 | | | 0.10 | | | 0.06 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.07 | | | 0.02 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | 又<br>X5X7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 8.87<br>8.87 | 18.40<br>26.76 | OK<br>OK | 5.99<br>5.99 | 29.04<br>42.24 | OK<br>OK | 0.69<br>0.69 | 0.95<br>2.00 | OK<br>OK | —<br>TH-33 | —<br>5.95 | —<br>22.83 | —<br>5.95 | —<br>33.20 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.48 | | | 0.21 | | | 0.72 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.33 | | | 0.14 | | | 0.34 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | 又<br>X7又X7 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.01<br>0.01 | 37.26<br>54.19 | OK<br>OK | 0.16<br>0.16 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.10 | OK<br>OK | TH-33<br>— | 0.16<br>— | 22.83<br>— | 0.16<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— | |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又<br>又X7X8 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 1.11<br>1.11 | 37.26<br>54.19 | OK<br>OK | 2.96<br>2.96 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.67 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | |
| | | | | 検定値(長期) | | 0.03 | | | 0.08 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.09<br>0.09 | 37.26<br>54.19 | OK<br>OK | 0.47<br>0.47 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | —<br>TH-33 | —<br>0.47 | —<br>21.67 | —<br>0.47 | —<br>31.52 | —<br>— | —<br>— | —<br>OK | |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | | | |
| 1 | 又<br>X0又X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.15<br>0.15 | 11.40<br>16.59 | OK<br>OK | 3.78<br>3.78 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>— | 0.53<br>— | 19.20<br>— | 0.53<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— | | | |
| | | | | 検定値(長期) | | 0.01 | | | 0.18 | | | 0.01 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.12 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | 又<br>X0X3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 7.12<br>7.12 | 28.91<br>42.05 | OK<br>OK | 6.74<br>6.74 | 34.32<br>49.92 | OK<br>OK | 0.17<br>0.17 | 0.70<br>1.87 | OK<br>OK | TH-33<br>TH-33 | 5.65<br>6.74 | 22.83<br>22.83 | 5.65<br>6.74 | 33.20<br>33.20 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.25 | | | 0.20 | | | 0.24 | | 検定値(始点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.17 | | | 0.14 | | | 0.09 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.20 | 引張 | 0.00 | | | |
| | 又<br>又X1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.25<br>0.25 | 12.67<br>18.43 | OK<br>OK | 0.67<br>0.67 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.66 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | | | |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | 又<br>又X2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.09<br>0.09 | 12.67<br>18.43 | OK<br>OK | 0.41<br>0.41 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | | | |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | 又<br>X2X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.00<br>0.00 | 12.67<br>18.43 | OK<br>OK | 0.00<br>0.00 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24 | —<br>0.00 | —<br>19.20 | —<br>0.00 | —<br>27.92 | —<br>— | —<br>— | —<br>OK | | | |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | | |
| | 又<br>X3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.20<br>0.20 | 7.13<br>10.37 | OK<br>OK | 0.71<br>0.71 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 0.71<br>0.71 | 4.40<br>4.18 | 0.71<br>0.71 | 6.40<br>6.08 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | 0.12 | 引張 | 0.00 | | | |
| | X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.13<br>0.13 | 4.95<br>7.20 | OK<br>OK | 0.59<br>0.59 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-10<br>TH-10 | 0.59<br>0.59 | 4.18<br>4.18 | 0.59<br>0.59 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | | |
| | X1X3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 3.49<br>3.49 | 7.76<br>11.29 | OK<br>OK | 4.09<br>4.09 | 18.48<br>26.88 | OK<br>OK | 0.37<br>0.37 | 0.56<br>1.48 | OK<br>OK | TH-18<br>TH-18 | 3.78<br>4.09 | 8.42<br>8.42 | 3.78<br>4.09 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.45 | | | 0.22 | | | 0.67 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | 0.31 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.31 | | | 0.15 | | | 0.25 | | 検定値(終点側) | 長期 | 0.49 | 短期せん断 | 0.33 | 引張 | 0.00 | | | |
| | X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 11.92<br>12.70 | 18.40<br>26.76 | OK<br>OK | 11.74<br>12.46 | 29.04<br>42.24 | OK<br>OK | 0.31<br>0.34 | 0.53<br>1.42 | OK<br>OK | TH-33<br>TH-33 | 11.74<br>10.38 | 21.67<br>21.67 | 12.46<br>10.76 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.65 | | | 0.40 | | | 0.59 | | 検定値(始点側) | 長期 | 0.54 | 短期せん断 | 0.40 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.47 | | | 0.30 | | | 0.24 | | 検定値(終点側) | 長期 | 0.48 | 短期せん断 | 0.34 | 引張 | 0.00 | | | |
| | X5X7 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>16637 | 21.21<br>21.21 | 49.51<br>72.02 | OK<br>OK | 18.83<br>18.83 | 48.40<br>70.40 | OK<br>OK | 0.44<br>0.44 | 0.95<br>2.00 | OK<br>OK | —<br>TH-51 | —<br>18.83 | —<br>36.19 | —<br>18.83 | —<br>52.64 | —<br>— | —<br>— | —<br>OK | | | |
| | | | | 検定値(長期) | | 0.43 | | | 0.39 | | | 0.46 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | | |
| | | | | 検定値(短期) | | 0.29 | | | 0.27 | | | 0.22 | | 検定値(終点側) | 長期 | 0.52 | 短期せん断 | 0.36 | 引張 | 0.00 | | | |
| | X8X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.09<br>0.09 | 7.13<br>10.37 | OK<br>OK | 0.48<br>0.48 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-18<br>TH-18 | 0.48<br>0.48 | 8.42<br>8.42 | 0.48<br>0.48 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.21<br>0.21 | 12.67<br>18.43 | OK<br>OK | 1.08<br>1.08 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | TH-24<br>TH-24 | 1.08<br>1.08 | 12.49<br>12.49 | 1.08<br>1.08 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | | |
| | X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.14 | 4.95<br>7.20 | OK<br>OK | 0.62<br>0.62 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-10<br>TH-10 | 0.62<br>0.62 | 4.18<br>4.18 | 0.62<br>0.62 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | | | |
| | X1X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 8.96<br>23.57 | 18.40<br>33.45 | OK<br>OK | 10.98<br>27.39 | 29.04<br>52.80 | OK<br>OK | 0.23<br>0.66 | 0.56<br>1.48 | OK<br>OK | TH-33<br>TH-33 | 6.59<br>10.98 | 21.67<br>21.67 | 12.76<br>27.39 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.49 | | | 0.38 | | | 0.42 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.32 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.70 | | | 0.52 | | | 0.45 | | 検定値(終点側) | 長期 | 0.51 | 短期せん断 | 0.70 | 引張 | 0.00 | | | |
| | X3X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 6.96<br>6.96 | 15.84<br>23.04 | OK<br>OK | 7.78<br>7.78 | 26.40<br>38.40 | OK<br>OK | 0.24<br>0.24 | 0.53<br>1.42 | OK<br>OK | TH-24<br>TH-24 | 7.78<br>6.30 | 12.49<br>12.49 | 7.78<br>6.30 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK | | | |
| | | | | 検定値(長期) | | 0.44 | | | 0.29 | | | 0.44 | | 検定値(始点側) | 長期 | 0.62 | 短期せん断 | 0.43 | 引張 | 0.00 | | | |
| | | | | 検定値(短期) | | 0.30 | | | 0.20 | | | 0.17 | | 検定値(終点側) | 長期 | 0.50 | 短期せん断 | 0.35 | 引張 | 0.00 | | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | | 欧州赤松集成材 | G+P | 450 | 0.29 | 4.95 | OK | 1.01 | 13.20 | OK | 0.01 | 0.19 | OK | TH-10 | | 1.01 | 4.18 | 1.01 | 6.08 | — | — | OK |
| | 又X6X7 | 120×150 | G+P+S | 3375 | 0.29 | 7.20 | OK | 1.01 | 19.20 | OK | 0.01 | 0.51 | OK | TH-10 | | 1.01 | 4.18 | 1.01 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | 又<br>X7又X7 | 欧州赤松集成材 | G+P | 1152 | 0.01 | 12.67 | OK | 0.14 | 21.12 | OK | 0.00 | 0.04 | OK | TH-24 | | 0.14 | 12.49 | 0.14 | 18.16 | — | — | OK |
| | | 120×240 | G+P+S | 13824 | 0.01 | 18.43 | OK | 0.14 | 30.72 | OK | 0.00 | 0.10 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又<br>又X7X8 | 欧州赤松集成材 | G+P | 1152 | 1.10 | 12.67 | OK | 2.95 | 21.12 | OK | 0.01 | 0.25 | OK | — | | — | — | — | — | — | — | — |
| | | 120×240 | G+P+S | 13824 | 1.10 | 18.43 | OK | 2.95 | 30.72 | OK | 0.01 | 0.67 | OK | TH-24 | | 2.95 | 12.49 | 2.95 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.14 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.10 | | | 0.02 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | 又<br>X8X9 | 欧州赤松集成材 | G+P | 648 | 0.21 | 7.13 | OK | 1.09 | 15.84 | OK | 0.00 | 0.13 | OK | TH-18 | | 1.09 | 8.42 | 1.09 | 12.24 | — | — | OK |
| | | 120×180 | G+P+S | 5832 | 0.21 | 10.37 | OK | 1.09 | 23.04 | OK | 0.00 | 0.34 | OK | TH-18 | | 1.09 | 8.42 | 1.09 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | Y5<br>X0X1 | 欧州赤松集成材 | G+P | 2178 | 0.22 | 23.00 | OK | 1.02 | 29.04 | OK | 0.00 | 0.15 | OK | TH-33 | | 1.02 | 22.83 | 1.02 | 33.20 | — | — | OK |
| | | 120×330 | G+P+S | 35937 | 0.22 | 33.45 | OK | 1.02 | 42.24 | OK | 0.00 | 0.39 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y5<br>X1X3 | 欧州赤松集成材 | G+P | 2178 | 9.40 | 20.70 | OK | 9.12 | 29.04 | OK | 0.24 | 0.56 | OK | — | | — | — | — | — | — | — | — |
| | | 120×330 | G+P+K | 35937 | 24.61 | 37.64 | OK | 27.48 | 52.80 | OK | 0.76 | 1.48 | OK | TH-33 | | 9.12 | 21.67 | 27.48 | 39.40 | — | — | OK |
| | | | | 検定値(長期) | | 0.45 | | | 0.31 | | | 0.43 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.65 | | | 0.52 | | | 0.51 | | 検定値(終点側) | 長期 | 0.42 | 短期せん断 | | 0.70 | 引張 | 0.00 | |
| | Y5<br>X3X5 | 欧州赤松集成材 | G+P | 2178 | 8.87 | 18.40 | OK | 9.05 | 29.04 | OK | 0.23 | 0.53 | OK | TH-33 | | 9.05 | 21.67 | 10.03 | 31.52 | — | — | OK |
| | | 120×330 | G+P+S | 35937 | 9.93 | 26.76 | OK | 10.03 | 42.24 | OK | 0.26 | 1.42 | OK | TH-33 | | 7.64 | 21.67 | 8.15 | 31.52 | — | — | OK |
| | | | | 検定値(長期) | | 0.48 | | | 0.31 | | | 0.43 | | 検定値(始点側) | 長期 | 0.42 | 短期せん断 | | 0.32 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.37 | | | 0.24 | | | 0.18 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | | 0.26 | 引張 | 0.00 | |
| | Y5<br>又X6X7 | 欧州赤松集成材 | G+P | 450 | 0.28 | 4.95 | OK | 0.99 | 13.20 | OK | 0.01 | 0.19 | OK | TH-10 | | 0.99 | 4.18 | 0.99 | 6.08 | — | — | OK |
| | | 120×150 | G+P+S | 3375 | 0.28 | 7.20 | OK | 0.99 | 19.20 | OK | 0.01 | 0.51 | OK | TH-10 | | 0.99 | 4.18 | 0.99 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | Y5<br>X7X8 | 欧州赤松集成材 | G+P | 648 | 0.75 | 5.70 | OK | 1.94 | 15.84 | OK | 0.03 | 0.29 | OK | TH-18 | | 1.94 | 8.42 | 1.94 | 12.24 | — | — | OK |
| | | 120×180 | G+P+S | 5832 | 0.75 | 8.29 | OK | 1.94 | 23.04 | OK | 0.03 | 0.76 | OK | TH-18 | | 1.67 | 8.42 | 1.67 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.12 | | | 0.11 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.09 | | | 0.08 | | | 0.04 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | Y5<br>X8X9 | 欧州赤松集成材 | G+P | 648 | 0.09 | 7.13 | OK | 0.48 | 15.84 | OK | 0.00 | 0.13 | OK | TH-18 | | 0.48 | 8.42 | 0.48 | 12.24 | — | — | OK |
| | | 120×180 | G+P+S | 5832 | 0.09 | 10.37 | OK | 0.48 | 23.04 | OK | 0.00 | 0.34 | OK | TH-18 | | 0.48 | 8.42 | 0.48 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | 又Y5<br>又X6X7 | 欧州赤松集成材 | G+P | 450 | 0.50 | 4.95 | OK | 1.74 | 13.20 | OK | 0.02 | 0.19 | OK | TH-10 | | 1.74 | 4.18 | 1.74 | 6.08 | — | — | OK |
| | | 120×150 | G+P+S | 3375 | 0.50 | 7.20 | OK | 1.74 | 19.20 | OK | 0.02 | 0.51 | OK | TH-10 | | 1.74 | 4.40 | 1.74 | 6.40 | — | — | OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.13 | | | 0.08 | | 検定値(始点側) | 長期 | 0.42 | 短期せん断 | | 0.29 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.09 | | | 0.03 | | 検定値(終点側) | 長期 | 0.40 | 短期せん断 | | 0.27 | 引張 | 0.00 | |
| | 又Y5<br>X7又 | 欧州赤松集成材 | G+P | 2178 | 2.50 | 20.70 | OK | 11.81 | 29.04 | OK | 0.01 | 0.19 | OK | TH-33 | | 11.81 | 22.83 | 15.19 | 33.20 | — | — | OK |
| | | 120×330 | G+P+S | 35937 | 3.21 | 30.11 | OK | 15.19 | 42.24 | OK | 0.01 | 0.51 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.12 | | | 0.41 | | | 0.04 | | 検定値(始点側) | 長期 | 0.52 | 短期せん断 | | 0.46 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.11 | | | 0.36 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又Y5<br>又X9 | 欧州赤松集成材 | G+P | 2178 | 1.63 | 20.70 | OK | 4.18 | 29.04 | OK | 0.01 | 0.23 | OK | — | | — | — | — | — | — | — | — |
| | | 120×330 | G+P+S | 35937 | 1.63 | 30.11 | OK | 4.18 | 42.24 | OK | 0.01 | 0.60 | OK | TH-33 | | 3.81 | 22.83 | 3.81 | 33.20 | — | — | OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.14 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | 又Y5<br>X9又X9 | 欧州赤松集成材 | G+P | 648 | 0.41 | 7.13 | OK | 1.81 | 15.84 | OK | 0.01 | 0.15 | OK | TH-18 | | 1.81 | 13.37 | 1.81 | 19.44 | — | — | OK |
| | | 120×180 | G+P+S | 5832 | 0.41 | 10.37 | OK | 1.81 | 23.04 | OK | 0.01 | 0.40 | OK | 蟻仕口120×120 | | 1.81 | 2.27 | 1.81 | 3.30 | — | — | OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.11 | | | 0.03 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.80 | 短期せん断 | | 0.55 | 引張 | 0.00 | |
| | | 欧州赤松集成材 | G+P | 1152 | 3.48 | 12.67 | OK | 4.19 | 21.12 | OK | 0.19 | 0.56 | OK | TH-24 | | 4.19 | 12.49 | 4.19 | 18.16 | — | — | OK |
| | X1X3 | 120×240 | G+P+S | 13824 | 3.48 | 18.43 | OK | 4.19 | 30.72 | OK | 0.19 | 1.48 | OK | TH-24 | | 4.19 | 12.49 | 4.19 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.27 | | | 0.20 | | | 0.34 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | | 0.23 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.19 | | | 0.14 | | | 0.13 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | | 0.23 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X3X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 7.89<br>7.89 | 15.84<br>23.04 | OK<br>OK | 7.97<br>7.97 | 26.40<br>38.40 | OK<br>OK | 0.27<br>0.27 | 0.53<br>1.42 | OK<br>OK | TH-24<br>TH-24 | 7.97<br>7.12 | 12.49<br>12.49 | 7.97<br>7.12 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.50 | | | 0.30 | | | 0.50 | | 検定値(始点側) | 長期 | 0.64 | 短期せん断 | 0.44 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.34 | | | 0.21 | | | 0.19 | | 検定値(終点側) | 長期 | 0.57 | 短期せん断 | 0.39 | 引張 | 0.00 | | |
| | 又<br>X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.18<br>0.18 | 4.95<br>7.20 | OK<br>OK | 0.64<br>0.64 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 0.64<br>0.64 | 4.18<br>4.18 | 0.64<br>0.64 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.15 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | X0X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.14<br>0.14 | 12.67<br>18.43 | OK<br>OK | 0.62<br>0.62 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-24<br>TH-24 | 0.62<br>0.62 | 12.49<br>12.49 | 0.62<br>0.62 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | OK<br>OK | TH-24<br>TH-24 | 4.19<br>4.19 | 12.49<br>12.49 | 4.19<br>4.19 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.27 | | | 0.20 | | | 0.34 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.19 | | | 0.14 | | | 0.13 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | X3X5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.46<br>4.46 | 17.82<br>25.92 | OK<br>OK | 4.96<br>4.96 | 26.40<br>38.40 | OK<br>OK | 0.14<br>0.14 | 0.53<br>1.42 | OK<br>OK | TH-24<br>TH-24 | 4.96<br>4.67 | 12.49<br>12.49 | 4.96<br>4.67 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.25 | | | 0.19 | | | 0.25 | | 検定値(始点側) | 長期 | 0.40 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.17 | | | 0.13 | | | 0.09 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | 又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.42<br>0.42 | 4.95<br>7.20 | OK<br>OK | 1.46<br>1.46 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | OK<br>OK | TH-10<br>TH-10 | 1.46<br>1.46 | 4.18<br>4.18 | 1.46<br>1.46 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.11 | | | 0.06 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.72<br>2.72 | 7.13<br>10.37 | OK<br>OK | 4.37<br>4.37 | 15.84<br>23.04 | OK<br>OK | 0.22<br>0.22 | 0.42<br>1.11 | OK<br>OK | TH-18<br>TH-18 | 4.37<br>4.37 | 8.42<br>8.42 | 4.37<br>4.37 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.38 | | | 0.28 | | | 0.53 | | 検定値(始点側) | 長期 | 0.52 | 短期せん断 | 0.36 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.19 | | | 0.20 | | 検定値(終点側) | 長期 | 0.52 | 短期せん断 | 0.36 | 引張 | 0.00 | | |
| | Y6<br>X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.14 | 4.95<br>7.20 | OK<br>OK | 0.62<br>0.62 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-10<br>TH-10 | 0.62<br>0.62 | 4.18<br>4.18 | 0.62<br>0.62 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | Y6<br>X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | OK<br>OK | TH-24<br>TH-24 | 4.19<br>4.19 | 12.49<br>12.49 | 4.19<br>4.19 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.27 | | | 0.20 | | | 0.34 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.19 | | | 0.14 | | | 0.13 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | Y6<br>X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 10.76<br>12.55 | 23.00<br>33.45 | OK<br>OK | 11.66<br>13.30 | 29.04<br>42.24 | OK<br>OK | 0.23<br>0.27 | 0.53<br>1.42 | OK<br>OK | TH-33<br>TH-33 | 11.66<br>8.80 | 21.67<br>21.67 | 13.30<br>9.66 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.47 | | | 0.40 | | | 0.44 | | 検定値(始点側) | 長期 | 0.54 | 短期せん断 | 0.42 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.38 | | | 0.31 | | | 0.19 | | 検定値(終点側) | 長期 | 0.41 | 短期せん断 | 0.31 | 引張 | 0.00 | | |
| | Y6<br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.44<br>1.44 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | OK<br>OK | TH-10<br>TH-10 | 1.44<br>1.44 | 4.18<br>4.18 | 1.44<br>1.44 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.11 | | | 0.06 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | Y6<br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.66<br>2.66 | 7.13<br>10.37 | OK<br>OK | 4.27<br>4.27 | 15.84<br>23.04 | OK<br>OK | 0.21<br>0.21 | 0.42<br>1.11 | OK<br>OK | TH-18<br>TH-18 | 4.27<br>4.27 | 8.42<br>8.42 | 4.27<br>4.27 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.37 | | | 0.27 | | | 0.52 | | 検定値(始点側) | 長期 | 0.51 | 短期せん断 | 0.35 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.19 | | | 0.19 | | 検定値(終点側) | 長期 | 0.51 | 短期せん断 | 0.35 | 引張 | 0.00 | | |
| | X1X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.48<br>3.48 | 12.67<br>18.43 | OK<br>OK | 4.19<br>4.19 | 21.12<br>30.72 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.48 | OK<br>OK | TH-24<br>TH-24 | 4.19<br>4.19 | 12.49<br>12.49 | 4.19<br>4.19 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.27 | | | 0.20 | | | 0.34 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.19 | | | 0.14 | | | 0.13 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 3.21<br>3.21 | 9.70<br>14.11 | OK<br>OK | 4.00<br>4.00 | 18.48<br>26.88 | OK<br>OK | 0.24<br>0.24 | 0.53<br>1.42 | OK<br>OK | TH-18<br>TH-18 | 4.00<br>4.00 | 8.42<br>8.42 | 4.00<br>4.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.33 | | | 0.22 | | | 0.45 | | 検定値(始点側) | 長期 | 0.48 | 短期せん断 | 0.33 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.23 | | | 0.15 | | | 0.17 | | 検定値(終点側) | 長期 | 0.48 | 短期せん断 | 0.33 | 引張 | 0.00 | | |
| | 又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.44<br>1.44 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | OK<br>OK | TH-10<br>TH-10 | 1.44<br>1.44 | 4.18<br>4.18 | 1.44<br>1.44 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.11 | | | 0.06 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.66<br>2.66 | 7.13<br>10.37 | OK<br>OK | 4.27<br>4.27 | 15.84<br>23.04 | OK<br>OK | 0.21<br>0.21 | 0.42<br>1.11 | OK<br>OK | TH-18<br>TH-18 | 4.27<br>4.27 | 8.42<br>8.42 | 4.27<br>4.27 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.37 | | | 0.27 | | | 0.52 | | 検定値(始点側) | 長期 | 0.51 | 短期せん断 | 0.35 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.19 | | | 0.19 | | 検定値(終点側) | 長期 | 0.51 | 短期せん断 | 0.35 | 引張 | 0.00 | | |
| | Y7<br>X0X1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.22 | 4.95<br>7.20 | OK<br>OK | 0.99<br>0.99 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-10<br>TH-10 | 0.99<br>0.99 | 4.40<br>4.40 | 0.99<br>0.99 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.23 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | Y7<br>X0X1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.05<br>0.05 | 12.67<br>18.43 | OK<br>OK | 0.21<br>0.21 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.39 | OK<br>OK | TH-24<br>— | 0.21<br>— | 19.20<br>— | 0.21<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y7<br>X1又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.13<br>0.13 | 12.67<br>18.43 | OK<br>OK | 0.36<br>0.36 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.25<br>0.67 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y7<br>X1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.90<br>0.90 | 4.95<br>7.20 | OK<br>OK | 2.39<br>2.39 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.25<br>0.67 | OK<br>OK | TH-10<br>TH-10 | 2.39<br>2.39 | 4.40<br>4.40 | 2.39<br>2.39 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.18 | | | 0.18 | | | 0.18 | | 検定値(始点側) | 長期 | 0.54 | 短期せん断 | 0.37 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.13 | | | 0.12 | | | 0.07 | | 検定値(終点側) | 長期 | 0.54 | 短期せん断 | 0.37 | 引張 | 0.00 | | |
| | Y7<br>又X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 1.25<br>1.25 | 4.95<br>7.20 | OK<br>OK | 2.75<br>2.75 | 13.20<br>19.20 | OK<br>OK | 0.09<br>0.09 | 0.30<br>0.81 | OK<br>OK | TH-10<br>TH-10 | 2.75<br>2.75 | 4.40<br>4.40 | 2.75<br>2.75 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.25 | | | 0.21 | | | 0.30 | | 検定値(始点側) | 長期 | 0.62 | 短期せん断 | 0.43 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.17 | | | 0.14 | | | 0.11 | | 検定値(終点側) | 長期 | 0.62 | 短期せん断 | 0.43 | 引張 | 0.00 | | |
| | Y7<br>又X3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.20<br>0.20 | 12.67<br>18.43 | OK<br>OK | 0.43<br>0.43 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.30<br>0.81 | OK<br>OK | —<br>TH-24 | —<br>0.43 | —<br>12.49 | —<br>0.43 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.02 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | Y7<br>X3又X4 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 1.48<br>1.48 | 9.70<br>14.11 | OK<br>OK | 3.22<br>3.22 | 18.48<br>26.88 | OK<br>OK | 0.04<br>0.04 | 0.31<br>0.82 | OK<br>OK | TH-18<br>— | 3.22<br>— | 8.42<br>— | 3.22<br>— | 12.24<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.15 | | | 0.17 | | | 0.14 | | 検定値(始点側) | 長期 | 0.38 | 短期せん断 | 0.26 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.12 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y7<br>又X4X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 0.78<br>0.78 | 9.70<br>14.11 | OK<br>OK | 2.30<br>2.30 | 18.48<br>26.88 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | —<br>TH-18 | —<br>2.30 | —<br>8.42 | —<br>2.30 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.27 | 短期せん断 | 0.19 | 引張 | 0.00 | | |
| | Y7<br>又X6X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.44<br>1.44 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.19<br>0.51 | OK<br>OK | TH-10<br>TH-10 | 1.44<br>1.44 | 4.18<br>4.18 | 1.44<br>1.44 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.11 | | | 0.06 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | Y7<br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.66<br>2.66 | 7.13<br>10.37 | OK<br>OK | 4.27<br>4.27 | 15.84<br>23.04 | OK<br>OK | 0.21<br>0.21 | 0.42<br>1.11 | OK<br>OK | TH-18<br>TH-18 | 4.27<br>4.27 | 8.42<br>8.42 | 4.27<br>4.27 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.37 | | | 0.27 | | | 0.52 | | 検定値(始点側) | 長期 | 0.51 | 短期せん断 | 0.35 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.19 | | | 0.19 | | 検定値(終点側) | 長期 | 0.51 | 短期せん断 | 0.35 | 引張 | 0.00 | | |
| | X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.50<br>4.50 | 19.80<br>28.80 | OK<br>OK | 4.28<br>4.28 | 26.40<br>38.40 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 4.28<br>4.28 | 12.49<br>12.49 | 4.28<br>4.28 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.16 | | | 0.29 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.16 | | | 0.11 | | | 0.11 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | X3X5 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.47<br>2.47 | 9.70<br>14.11 | OK<br>OK | 3.09<br>3.09 | 18.48<br>26.88 | OK<br>OK | 0.19<br>0.19 | 0.53<br>1.42 | OK<br>OK | TH-18<br>TH-18D | 3.09<br>3.09 | 8.42<br>13.37 | 3.09<br>3.09 | 12.24<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.25 | | | 0.17 | | | 0.35 | | 検定値(始点側) | 長期 | 0.37 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.18 | | | 0.11 | | | 0.13 | | 検定値(終点側) | 長期 | 0.23 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | X5X7 | 欧州赤松集成材<br>150×550 | G+P<br>G+P+S | 7563<br>20796 | 21.20<br>21.20 | 61.89<br>90.02 | OK<br>OK | 19.51<br>19.51 | 60.50<br>88.00 | OK<br>OK | 0.35<br>0.35 | 0.95<br>2.00 | OK<br>OK | TH-51<br>TH-51 | 10.31<br>19.51 | 32.89<br>36.19 | 10.31<br>19.51 | 47.84<br>52.64 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.34 | | | 0.32 | | | 0.37 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.22 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.24 | | | 0.22 | | | 0.18 | | 検定値(終点側) | 長期 | 0.54 | 短期せん断 | 0.37 | 引張 | 0.00 | | |
| | X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.07<br>2.07 | 7.13<br>10.37 | OK<br>OK | 3.32<br>3.32 | 15.84<br>23.04 | OK<br>OK | 0.17<br>0.17 | 0.42<br>1.11 | OK<br>OK | TH-18<br>TH-18 | 3.32<br>3.32 | 8.42<br>8.42 | 3.32<br>3.32 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.29 | | | 0.21 | | | 0.40 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.20 | | | 0.14 | | | 0.15 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又<br>X0X3 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.50<br>4.50 | 19.80<br>28.80 | OK<br>OK | 4.28<br>4.28 | 26.40<br>38.40 | OK<br>OK | 0.20<br>0.20 | 0.70<br>1.87 | OK<br>OK | TH-24<br>TH-24 | 4.28<br>4.28 | 12.49<br>12.49 | 4.28<br>4.28 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.16 | | | 0.29 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.16 | | | 0.11 | | | 0.11 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | 又<br>X3X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.69<br>2.69 | 20.70<br>30.11 | OK<br>OK | 3.09<br>3.09 | 29.04<br>42.24 | OK<br>OK | 0.06<br>0.06 | 0.53<br>1.42 | OK<br>OK | TH-33<br>TH-33 | 3.09<br>3.09 | 21.67<br>21.67 | 3.09<br>3.09 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.11 | | | 0.11 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.07 | | | 0.04 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | 又<br>X5X7 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 9.88<br>9.88 | 21.90<br>31.85 | OK<br>OK | 7.69<br>7.69 | 31.68<br>46.08 | OK<br>OK | 0.63<br>0.63 | 0.95<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 6.27<br>7.69 | 21.67<br>21.67 | 6.27<br>7.69 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.45 | | | 0.24 | | | 0.66 | | 検定値(始点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.31 | | | 0.17 | | | 0.31 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | 又<br>X7X9 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.07<br>2.07 | 7.13<br>10.37 | OK<br>OK | 3.32<br>3.32 | 15.84<br>23.04 | OK<br>OK | 0.17<br>0.17 | 0.42<br>1.11 | OK<br>OK | TH-18<br>TH-18 | 3.32<br>3.32 | 8.42<br>8.42 | 3.32<br>3.32 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.29 | | | 0.21 | | | 0.40 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.20 | | | 0.14 | | | 0.15 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | Y8<br>X0X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 7.61<br>18.17 | 23.00<br>41.82 | OK<br>OK | 8.26<br>18.94 | 29.04<br>52.80 | OK<br>OK | 0.32<br>0.72 | 0.70<br>1.87 | OK<br>OK | TH-33<br>TH-33 | 8.26<br>5.57 | 21.67<br>21.67 | 18.94<br>9.01 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.33 | | | 0.28 | | | 0.46 | | 検定値(始点側) | 長期 | 0.38 | 短期せん断 | 0.48 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.43 | | | 0.36 | | | 0.39 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | Y8<br>X3又X4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.76<br>0.76 | 23.00<br>33.45 | OK<br>OK | 1.66<br>1.66 | 29.04<br>42.24 | OK<br>OK | 0.01<br>0.01 | 0.31<br>0.82 | OK<br>OK | TH-33<br>TH-33 | 1.66<br>1.66 | 21.67<br>21.67 | 1.66<br>1.66 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | Y8<br>又X4X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.38<br>0.38 | 23.00<br>33.45 | OK<br>OK | 1.13<br>1.13 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-33<br>TH-33 | 1.13<br>1.13 | 21.67<br>22.83 | 1.13<br>1.13 | 31.52<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | Y8<br>又X4X5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.43<br>0.43 | 12.67<br>18.43 | OK<br>OK | 1.26<br>1.26 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | 1.26<br>1.26 | 19.20<br>19.20 | 1.26<br>1.26 | 27.92<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | Y8<br>X5 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.38<br>0.38 | 42.77<br>62.21 | OK<br>OK | 1.65<br>1.65 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-45<br>— | 1.65<br>— | 25.30<br>— | 1.65<br>— | 36.80<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.38<br>0.38 | 42.77<br>62.21 | OK<br>OK | 1.65<br>1.65 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>X6 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.48<br>2.48 | 38.49<br>55.99 | OK<br>OK | 4.51<br>4.51 | 39.60<br>57.60 | OK<br>OK | 0.01<br>0.01 | 0.38<br>1.01 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.06 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>X6 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.72<br>0.72 | 38.49<br>55.99 | OK<br>OK | 2.41<br>2.41 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>X7 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.23<br>0.23 | 42.77<br>62.21 | OK<br>OK | 1.36<br>1.36 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.31 | OK<br>OK | —<br>TH-45 | —<br>1.36 | —<br>25.30 | —<br>1.36 | —<br>36.80 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | Y8<br>X7又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.36<br>1.36 | 12.67<br>18.43 | OK<br>OK | 3.43<br>3.43 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.70 | OK<br>OK | TH-24<br>— | 3.43<br>— | 19.20<br>— | 3.43<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.11 | | | 0.16 | | | 0.08 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.11 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y8<br>又X9 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.36<br>0.36 | 12.67<br>18.43 | OK<br>OK | 1.57<br>1.57 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24 | —<br>1.57 | —<br>19.20 | —<br>1.57 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | Y8<br>又X9 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | Y8<br>X9又X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 1.63<br>1.63 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.21 | OK<br>OK | TH-10<br>TH-10 | 0.76<br>1.63 | 4.40<br>4.40 | 0.76<br>1.63 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.12 | | | 0.01 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | 0.12 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.08 | | | 0.00 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.25 | 引張 | 0.00 | |
| | Y9<br>X0又X0 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.03<br>0.03 | 23.00<br>33.45 | OK<br>OK | 0.34<br>0.34 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.17 | OK<br>OK | TH-33<br>— | 0.34<br>— | 21.67<br>— | 0.34<br>— | 31.52<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | Y9<br>又X0又X1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.29<br>0.29 | 23.00<br>33.45 | OK<br>OK | 1.02<br>1.02 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.50 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | Y9<br>又X1X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 2.29<br>2.70 | 23.00<br>33.45 | OK<br>OK | 3.33<br>3.83 | 29.04<br>42.24 | OK<br>OK | 0.05<br>0.05 | 0.45<br>1.20 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.10 | | | 0.11 | | | 0.10 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.08 | | | 0.09 | | | 0.04 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | Y9<br>X3又X3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.09<br>0.09 | 3.67<br>5.35 | OK<br>OK | 0.40<br>0.40 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.41 | OK<br>OK | TH-10<br>TH-10 | 0.40<br>0.40 | 4.40<br>4.40 | 0.40<br>0.40 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.04 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | Y9<br>X3又X3 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.10<br>0.10 | 23.00<br>33.45 | OK<br>OK | 0.43<br>0.43 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.41 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | Y9<br>又X3又X4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.10<br>0.10 | 23.00<br>33.45 | OK<br>OK | 0.43<br>0.43 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.41 | OK<br>OK | —<br>TH-33 | —<br>0.43 | —<br>21.67 | —<br>0.43 | —<br>31.52 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | |
| | Y9<br>又X3又X4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.09<br>0.09 | 3.67<br>5.35 | OK<br>OK | 0.40<br>0.40 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.41 | OK<br>OK | TH-10<br>TH-10 | 0.40<br>0.40 | 4.40<br>4.40 | 0.40<br>0.40 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.04 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | Y10<br>X0又X4 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.00<br>0.00 | 19.80<br>28.80 | OK<br>OK | 0.00<br>0.00 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 1.01<br>2.00 | OK<br>OK | TH-24<br>TH-24 | 0.00<br>0.00 | 3.75<br>3.75 | 0.00<br>0.00 | 5.45<br>5.45 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | X0<br>Y0又Y0 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 1.78<br>2.77 | 33.53<br>60.96 | OK<br>OK | 4.06<br>6.25 | 36.96<br>67.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33D<br>— | 4.06<br>— | 22.83<br>— | 6.25<br>— | 41.50<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.11 | | | 0.01 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.09 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | X0<br>Y0又Y0 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | X0<br>又Y0又Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 0.49<br>1.89 | 33.53<br>60.96 | OK<br>OK | 2.61<br>10.02 | 36.96<br>67.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.07 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.03 | | | 0.15 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | X0<br>又Y0又Y1 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | X0<br>又Y1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 2.52<br>2.52 | 33.53<br>48.77 | OK<br>OK | 6.20<br>6.20 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>TH-33D | —<br>4.26 | —<br>22.83 | —<br>4.26 | —<br>33.20 | —<br>1.34 | —<br>40.30 | —<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.17 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.03 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X0<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.34<br>0.34 | 37.26<br>54.19 | OK<br>OK | 1.49<br>1.49 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33D<br>— | 1.49<br>— | 22.83<br>— | 1.49<br>— | 33.20<br>— | 1.34<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.04 | 引張 | 0.03 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>又Y2 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 5.04<br>5.04 | 33.53<br>48.77 | OK<br>OK | 7.03<br>7.03 | 36.96<br>53.76 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | OK<br>OK | —<br>TH-33D | —<br>7.03 | —<br>22.83 | —<br>7.03 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.15 | | | 0.19 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.13 | | | 0.02 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | X0<br>Y2 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 5.04<br>5.04 | 24.63<br>35.83 | OK<br>OK | 7.03<br>7.03 | 31.68<br>46.08 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | OK<br>OK | TH-33D<br>— | 7.03<br>— | 22.83<br>— | 7.03<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.20 | | | 0.22 | | | 0.09 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.14 | | | 0.15 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>Y3 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.34<br>0.34 | 27.37<br>39.81 | OK<br>OK | 1.49<br>1.49 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-33D | —<br>1.49 | —<br>22.83 | —<br>1.49 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.05 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | X0<br>Y3Y4 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 7.41<br>7.55 | 20.70<br>30.11 | OK<br>OK | 10.55<br>10.79 | 29.04<br>42.24 | OK<br>OK | 0.09<br>0.09 | 0.38<br>1.01 | OK<br>OK | TH-33D<br>— | 10.55<br>— | 22.83<br>— | 10.79<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.36 | | | 0.36 | | | 0.24 | | 検定値(始点側) | 長期 | 0.46 | 短期せん断 | 0.33 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.25 | | | 0.26 | | | 0.09 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>Y4又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.50<br>0.50 | 23.00<br>33.45 | OK<br>OK | 1.67<br>1.67 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | —<br>TH-33D | —<br>1.67 | —<br>22.83 | —<br>1.67 | —<br>33.20 | —<br>1.58 | —<br>40.30 | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.04 | | |
| | X0<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.12 | 4.95<br>7.20 | OK<br>OK | 0.39<br>0.39 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | TH-10D<br>TH-10D | 0.39<br>0.39 | 4.40<br>4.40 | 0.39<br>0.39 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | X0<br>又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.45<br>0.45 | 12.67<br>18.43 | OK<br>OK | 1.20<br>1.20 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.68 | OK<br>OK | TH-24D<br>TH-24D | 1.12<br>1.20 | 19.20<br>19.20 | 1.12<br>1.20 | 27.92<br>27.92 | 1.58<br>0.47 | 34.80<br>34.80 | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.06 | | | 0.03 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.05 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.01 | | |
| | X0<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.68 | OK<br>OK | TH-10D<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | 0.24<br>— | 13.60<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.02 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X0<br>又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.69<br>0.69 | 11.40<br>16.59 | OK<br>OK | 1.62<br>1.62 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.68 | OK<br>OK | TH-24D<br>— | 1.62<br>— | 19.20<br>— | 1.62<br>— | 27.92<br>— | 0.24<br>— | 34.80<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.06 | | | 0.08 | | | 0.04 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.01 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.17<br>0.17 | 12.67<br>18.43 | OK<br>OK | 0.75<br>0.75 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24D | —<br>0.75 | —<br>19.20 | —<br>0.75 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.17 | 4.95<br>7.20 | OK<br>OK | 0.73<br>0.73 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.73<br>0.73 | 4.40<br>4.40 | 0.73<br>0.73 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.81<br>0.81 | 4.95<br>7.20 | OK<br>OK | 1.77<br>1.77 | 13.20<br>19.20 | OK<br>OK | 0.07<br>0.07 | 0.30<br>0.81 | OK<br>OK | TH-10D<br>TH-10D | 1.77<br>1.77 | 4.40<br>4.40 | 1.77<br>1.77 | 6.40<br>6.40 | 1.66<br>— | 13.60<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.13 | | | 0.21 | | 検定値(始点側) | 長期 | 0.40 | 短期せん断 | 0.28 | 引張 | 0.12 | | |
| | | | | 検定値(短期) | | 0.11 | | | 0.09 | | | 0.08 | | 検定値(終点側) | 長期 | 0.40 | 短期せん断 | 0.28 | 引張 | 0.00 | | |
| | X0<br>Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.80<br>4.08 | 12.67<br>18.43 | OK<br>OK | 4.93<br>5.23 | 21.12<br>30.72 | OK<br>OK | 0.06<br>0.07 | 0.30<br>0.81 | OK<br>OK | TH-24D<br>— | 4.93<br>— | 19.20<br>— | 5.23<br>— | 27.92<br>— | 1.66<br>— | 34.80<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.30 | | | 0.23 | | | 0.21 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.19 | 引張 | 0.05 | | |
| | | | | 検定値(短期) | | 0.22 | | | 0.17 | | | 0.09 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X0<br>Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.17<br>0.17 | 12.67<br>18.43 | OK<br>OK | 0.75<br>0.75 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X0<br>Y6 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.17 | 4.95<br>7.20 | OK<br>OK | 0.73<br>0.73 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | | 0.73<br>0.73 | 4.40<br>4.40 | 0.73<br>0.73 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.81<br>0.81 | 4.95<br>7.20 | OK<br>OK | 1.77<br>1.77 | 13.20<br>19.20 | OK<br>OK | 0.07<br>0.07 | 0.30<br>0.81 | OK<br>OK | TH-10D<br>TH-10D | | 1.77<br>1.77 | 4.40<br>4.40 | 1.77<br>1.77 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.13 | | | 0.21 | | 検定値(始点側) | 長期 | 0.40 | 短期せん断 | | 0.28 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.11 | | | 0.09 | | | 0.08 | | 検定値(終点側) | 長期 | 0.40 | 短期せん断 | | 0.28 | 引張 | 0.00 | |
| | X0<br>Y6Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.69<br>0.69 | 12.67<br>18.43 | OK<br>OK | 1.51<br>1.51 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | OK<br>OK | —<br>TH-24D | | —<br>1.51 | —<br>19.20 | —<br>1.51 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | X0<br>Y7又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 1.95<br>1.95 | 20.70<br>30.11 | OK<br>OK | 4.94<br>4.94 | 29.04<br>42.24 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | TH-33D<br>— | | 3.63<br>— | 22.83<br>— | 3.63<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.17 | | | 0.03 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>又Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 3.66<br>4.28 | 20.70<br>37.64 | OK<br>OK | 8.45<br>9.83 | 29.04<br>52.80 | OK<br>OK | 0.02<br>0.02 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.18 | | | 0.29 | | | 0.07 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.11 | | | 0.19 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 23.00<br>33.45 | OK<br>OK | 0.01<br>0.02 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X0<br>Y10 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 23.00<br>33.45 | OK<br>OK | 0.01<br>0.02 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X1<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | OK<br>OK | 0.97<br>0.97 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | OK<br>OK | TH-10<br>TH-10 | | 0.97<br>0.97 | 4.18<br>4.18 | 0.97<br>0.97 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.07 | | | 0.04 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | 0.23 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | X1<br>又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.94<br>1.94 | 15.84<br>23.04 | OK<br>OK | 3.49<br>3.49 | 26.40<br>38.40 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.68 | OK<br>OK | TH-24<br>— | | 3.49<br>— | 12.49<br>— | 3.49<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.12 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | | 0.19 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.08 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X1<br>Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.15<br>0.15 | 19.80<br>28.80 | OK<br>OK | 0.66<br>0.66 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24 | | —<br>0.66 | —<br>12.49 | —<br>0.66 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | X1<br>Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.65<br>2.65 | 11.40<br>16.59 | OK<br>OK | 3.73<br>3.73 | 21.12<br>30.72 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | OK<br>OK | TH-24<br>— | | 3.73<br>— | 12.49<br>— | 3.73<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.23 | | | 0.18 | | | 0.14 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.16 | | | 0.12 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X1<br>Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.15<br>0.15 | 12.67<br>18.43 | OK<br>OK | 0.66<br>0.66 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X1<br>Y6Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.65<br>2.65 | 11.40<br>16.59 | OK<br>OK | 3.73<br>3.73 | 21.12<br>30.72 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | OK<br>OK | —<br>TH-24 | | —<br>3.73 | —<br>12.49 | —<br>3.73 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.18 | | | 0.14 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.16 | | | 0.12 | | | 0.05 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | 又X1<br>又Y0又Y1 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.39<br>7.64 | 10.14<br>18.43 | OK<br>OK | 2.15<br>11.85 | 21.12<br>38.40 | OK<br>OK | 0.02<br>0.10 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | | 2.15<br>2.34 | 12.49<br>12.49 | 11.85<br>11.03 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.10 | | | 0.08 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | | 0.52 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.31 | | | 0.17 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | | 0.49 | 引張 | 0.00 | |
| | 又X1<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.29<br>0.29 | 4.95<br>7.20 | OK<br>OK | 0.97<br>0.97 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | OK<br>OK | TH-10<br>TH-10 | | 0.97<br>0.97 | 4.18<br>4.18 | 0.97<br>0.97 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.07 | | | 0.04 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | 0.23 | 短期せん断 | | 0.16 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又<br>又Y0又Y1 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+K | 2178<br>35937 | 4.03<br>13.48 | 18.40<br>33.45 | OK<br>OK | 6.25<br>20.90 | 29.04<br>52.80 | OK<br>OK | 0.02<br>0.07 | 0.23<br>0.61 | OK<br>OK | TH-33<br>TH-33 | 6.25<br>6.02 | 21.67<br>21.67 | 20.90<br>19.14 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.22 | | | 0.22 | | | 0.09 | | 検定値(始点側) | 長期 | 0.29 | 短期せん断 | 0.53 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.40 | | | 0.40 | | | 0.11 | | 検定値(終点側) | 長期 | 0.28 | 短期せん断 | 0.49 | 引張 | 0.00 | |
| | 又<br>Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18 | 0.66<br>0.66 | 8.42<br>8.42 | 0.66<br>0.66 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | 又<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.15<br>0.15 | 3.67<br>5.35 | OK<br>OK | 0.66<br>0.66 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.10 | | | 0.04 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.15<br>0.15 | 3.67<br>5.35 | OK<br>OK | 0.66<br>0.66 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.10 | | | 0.04 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又<br>Y4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.02<br>0.02 | 3.67<br>5.35 | OK<br>OK | 0.17<br>0.17 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>TH-10 | 0.17<br>0.17 | 4.18<br>4.18 | 0.17<br>0.17 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | 又<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.32<br>0.32 | 4.95<br>7.20 | OK<br>OK | 1.09<br>1.09 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | OK<br>OK | TH-10<br>TH-10 | 1.09<br>1.09 | 4.18<br>4.18 | 1.09<br>1.09 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.08 | | | 0.05 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.06 | | | 0.02 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | |
| | 又<br>Y0又Y0 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.00<br>0.00 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>TH-10 | 0.00<br>0.00 | 4.18<br>4.18 | 0.00<br>0.00 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | |
| | 又<br>又Y1又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.02<br>0.02 | 4.95<br>7.20 | OK<br>OK | 0.17<br>0.17 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>TH-10 | 0.17<br>0.17 | 4.18<br>4.18 | 0.17<br>0.17 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又<br>又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又<br>Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | X2<br>Y4又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.22<br>1.22 | 12.67<br>18.43 | OK<br>OK | 3.26<br>3.26 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.20<br>0.53 | OK<br>OK | TH-24<br>TH-24 | 2.34<br>3.26 | 12.49<br>12.49 | 2.34<br>3.26 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.15 | | | 0.04 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.11 | | | 0.02 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X2<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.59<br>0.59 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.28 | OK<br>OK | TH-10<br>TH-10 | 0.59<br>0.59 | 4.18<br>4.18 | 0.59<br>0.59 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.07<br>1.07 | 4.18<br>4.18 | 1.07<br>1.07 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | X2<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.07<br>1.07 | 4.18<br>4.18 | 1.07<br>1.07 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | X3<br>Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.15<br>0.15 | 7.13<br>10.37 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18D | 0.66<br>0.66 | 8.42<br>13.37 | 0.66<br>0.66 | 12.24<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X3<br>Y3又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 4.69<br>4.69 | 21.90<br>31.85 | OK<br>OK | 8.27<br>8.27 | 31.68<br>46.08 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.70 | OK<br>OK | TH-33D<br>— | 6.65<br>— | 22.83<br>— | 6.65<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.21 | | | 0.26 | | | 0.07 | | 検定値(始点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.15 | | | 0.18 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>又Y4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.28<br>1.28 | 21.90<br>31.85 | OK<br>OK | 5.67<br>5.67 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.31 | OK<br>OK | —<br>TH-33D | —<br>3.52 | —<br>22.83 | —<br>3.52 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.18 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.12 | | | 0.00 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | X3<br>Y4又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.08<br>0.08 | 4.95<br>7.20 | OK<br>OK | 0.28<br>0.28 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | TH-10D<br>TH-10D | 0.28<br>0.28 | 4.40<br>4.40 | 0.28<br>0.28 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.02 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.01 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | X3<br>Y4又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 2.21<br>2.21 | 27.37<br>39.81 | OK<br>OK | 5.61<br>5.61 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.20<br>0.53 | OK<br>OK | TH-33D<br>TH-33D | 4.15<br>5.61 | 22.83<br>22.83 | 4.15<br>5.61 | 33.20<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.18 | | | 0.02 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.12 | | | 0.01 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | X3<br>又又 | 欧州赤松集成材<br>150×800 | G+P<br>G+P+K | 16000<br>64000 | 130.75<br>150.50 | 137.84<br>250.62 | OK<br>OK | 76.10<br>82.55 | 88.00<br>160.00 | OK<br>OK | 0.75<br>0.94 | 1.12<br>2.00 | OK<br>OK | G2<br>G2 | 76.10<br>69.81 | 93.00<br>93.00 | 82.55<br>91.59 | 152.00<br>152.00 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.95 | | | 0.86 | | | 0.67 | | 検定値(始点側) | 長期 | 0.82 | 短期せん断 | 0.54 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.60 | | | 0.52 | | | 0.47 | | 検定値(終点側) | 長期 | 0.75 | 短期せん断 | 0.60 | 引張 | 0.00 | | |
| | X3<br>又Y7 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.03<br>0.03 | 23.00<br>33.45 | OK<br>OK | 0.40<br>0.40 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.05<br>0.13 | OK<br>OK | TH-33D<br>— | 0.40<br>— | 22.83<br>— | 0.40<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>Y7Y8 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 9.25<br>9.25 | 18.40<br>26.76 | OK<br>OK | 11.49<br>11.49 | 29.04<br>42.24 | OK<br>OK | 0.12<br>0.12 | 0.38<br>1.01 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.50 | | | 0.40 | | | 0.31 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.35 | | | 0.27 | | | 0.12 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X3<br>Y8Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.02<br>0.02 | 23.00<br>33.45 | OK<br>OK | 0.22<br>0.22 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>TH-33 | —<br>0.22 | —<br>21.67 | —<br>0.22 | —<br>31.52 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.01 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | 又X3<br>又Y0又Y1 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 4.59<br>5.60 | 12.83<br>18.66 | OK<br>OK | 7.12<br>8.68 | 23.76<br>34.56 | OK<br>OK | 0.04<br>0.05 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | 7.12<br>6.79 | 12.49<br>12.49 | 8.68<br>8.19 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.36 | | | 0.30 | | | 0.18 | | 検定値(始点側) | 長期 | 0.57 | 短期せん断 | 0.48 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.30 | | | 0.25 | | | 0.08 | | 検定値(終点側) | 長期 | 0.54 | 短期せん断 | 0.45 | 引張 | 0.00 | | |
| | Y4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.31<br>2.31 | 5.70<br>8.29 | OK<br>OK | 10.30<br>11.81 | 15.84<br>23.04 | OK<br>OK | 0.12<br>0.12 | 0.30<br>0.81 | OK<br>OK | —<br>TH-18 | —<br>3.93 | —<br>8.42 | —<br>3.93 | —<br>12.24 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.41 | | | 0.65 | | | 0.41 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.28 | | | 0.51 | | | 0.15 | | 検定値(終点側) | 長期 | 0.47 | 短期せん断 | 0.32 | 引張 | 0.00 | | |
| | | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.07<br>1.07 | 4.18<br>4.18 | 1.07<br>1.07 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.07<br>1.07 | 4.18<br>4.18 | 1.07<br>1.07 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.24<br>0.24 | 4.95<br>7.20 | OK<br>OK | 1.07<br>1.07 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.07<br>1.07 | 4.18<br>4.18 | 1.07<br>1.07 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.60<br>0.60 | 14.43<br>21.00 | OK<br>OK | 1.77<br>1.77 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>TH-24 | 1.77<br>1.77 | 12.49<br>12.49 | 1.77<br>1.77 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | X4<br>Y0又Y1 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 3.31<br>4.63 | 38.49<br>69.98 | OK<br>OK | 7.49<br>10.38 | 39.60<br>72.00 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | OK<br>OK | TH-45D<br>— | 7.49<br>— | 25.30<br>— | 10.38<br>— | 46.00<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.19 | | | 0.04 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.14 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X4<br>又Y1又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.47<br>2.47 | 38.49<br>55.99 | OK<br>OK | 6.04<br>6.04 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.06 | | | 0.15 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X4<br>又又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 3.33<br>3.33 | 38.49<br>55.99 | OK<br>OK | 7.63<br>7.63 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.62 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.09 | | | 0.19 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.13 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X4<br>又Y2 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.84<br>2.84 | 38.49<br>55.99 | OK<br>OK | 7.54<br>7.54 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.22<br>0.59 | OK<br>OK | —<br>TH-45D | —<br>4.56 | —<br>25.30 | —<br>4.56 | —<br>36.80 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.19 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.13 | | | 0.01 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | X4<br>Y2又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 4.36<br>4.36 | 24.63<br>35.83 | OK<br>OK | 7.08<br>7.08 | 31.68<br>46.08 | OK<br>OK | 0.02<br>0.02 | 0.28<br>0.73 | OK<br>OK | TH-33D<br>— | 6.20<br>— | 22.83<br>— | 6.20<br>— | 33.20<br>— | 0.83<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.18 | | | 0.22 | | | 0.06 | | 検定値(始点側) | 長期 | 0.27 | 短期せん断 | 0.19 | 引張 | 0.02 | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.15 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X4<br>又Y3 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.34<br>1.34 | 24.63<br>35.83 | OK<br>OK | 8.09<br>8.09 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | OK<br>OK | —<br>TH-33 | —<br>2.60 | —<br>21.67 | —<br>2.60 | —<br>31.52 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.26 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.18 | | | 0.00 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | X4<br>又Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.26<br>0.26 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.48 | OK<br>OK | TH-10D<br>TH-10D | 0.26<br>0.26 | 4.40<br>4.40 | 0.26<br>0.26 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.03 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | | |
| | 又X4<br>Y0又Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.56<br>0.56 | 4.46<br>6.48 | OK<br>OK | 1.05<br>1.05 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | OK<br>OK | TH-10<br>TH-10 | 0.51<br>1.05 | 4.18<br>4.18 | 0.51<br>1.05 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.08 | | | 0.14 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.05 | | | 0.05 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | 又X4<br>又Y8 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.15<br>0.15 | 23.00<br>33.45 | OK<br>OK | 0.66<br>0.66 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33<br>— | 0.66<br>— | 21.67<br>— | 0.66<br>— | 31.52<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X4<br>Y8Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.05<br>0.05 | 23.00<br>33.45 | OK<br>OK | 0.42<br>0.42 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X4<br>Y9又Y9 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.00<br>0.00 | 23.00<br>33.45 | OK<br>OK | 0.00<br>0.00 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.09 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X4<br>又Y9Y10 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | -0.02<br>-0.03 | 23.00<br>33.45 | OK<br>OK | 0.03<br>0.05 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X4<br>Y4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.53<br>2.53 | 5.70<br>8.29 | OK<br>OK | 5.52<br>5.52 | 15.84<br>23.04 | OK<br>OK | 0.12<br>0.12 | 0.30<br>0.81 | OK<br>OK | ー<br>TH-18 | ー<br>4.05 | ー<br>8.42 | ー<br>4.05 | ー<br>12.24 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.44 | | | 0.35 | | | 0.40 | | 検定値(始点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | | | | 検定値(短期) | | 0.31 | | | 0.24 | | | 0.15 | | 検定値(終点側) | 長期 | 0.48 | 短期せん断 | 0.33 | 引張 | 0.00 | | |
| | 又X4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.67<br>0.67 | 7.13<br>10.37 | OK<br>OK | 1.80<br>1.80 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18 | 1.80<br>1.80 | 8.42<br>8.42 | 1.80<br>1.80 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.11 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | 又X4<br>Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.66<br>0.66 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.66<br>0.66 | 4.18<br>4.18 | 0.66<br>0.66 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | Y0又Y0 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.43<br>0.43 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>ー | 0.43<br>ー | 4.18<br>ー | 0.43<br>ー | 6.08<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | 又Y0Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.00 | 4.95<br>7.20 | OK<br>OK | 0.09<br>0.09 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.03<br>0.08 | OK<br>OK | ー<br>TH-10 | ー<br>0.09 | ー<br>4.18 | ー<br>0.09 | ー<br>6.08 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | ー | 短期せん断 | ー | 引張 | ー | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | Y1又Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.12<br>0.12 | 4.95<br>7.20 | OK<br>OK | 0.68<br>0.68 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | OK<br>OK | TH-10<br>TH-10 | 0.68<br>0.68 | 4.18<br>4.18 | 0.68<br>0.68 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 16.75<br>28.86 | 28.27<br>51.40 | OK<br>OK | 10.31<br>15.65 | 34.32<br>62.40 | OK<br>OK | 0.87<br>1.48 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 9.76<br>10.31 | 21.67<br>21.67 | 19.93<br>12.63 | 39.40<br>39.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.59 | | | 0.30 | | | 0.88 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | 0.51 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.56 | | | 0.25 | | | 0.74 | | 検定値(終点側) | 長期 | 0.48 | 短期せん断 | 0.32 | 引張 | 0.00 | | |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+K | 1458<br>19683 | 3.45<br>8.71 | 14.43<br>26.24 | OK<br>OK | 4.64<br>10.42 | 23.76<br>43.20 | OK<br>OK | 0.10<br>0.27 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 3.71<br>4.64 | 12.49<br>12.49 | 6.60<br>10.42 | 22.70<br>22.70 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.24 | | | 0.20 | | | 0.23 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.29 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.33 | | | 0.24 | | | 0.23 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.46 | 引張 | 0.00 | | |
| | X5<br>Y0Y1 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.14 | 4.95<br>7.20 | OK<br>OK | 0.52<br>0.52 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.18<br>0.49 | OK<br>OK | TH-10<br>TH-10 | 0.52<br>0.52 | 4.18<br>4.18 | 0.52<br>0.52 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.04 | | | 0.03 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | X5<br>Y1又Y1 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.18<br>0.18 | 7.13<br>10.37 | OK<br>OK | 1.02<br>1.02 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | OK<br>OK | TH-18<br>TH-18 | 1.02<br>1.02 | 8.42<br>8.42 | 1.02<br>1.02 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | X5<br>又Y1又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.90<br>0.90 | 7.13<br>10.37 | OK<br>OK | 1.98<br>1.98 | 15.84<br>23.04 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | OK<br>OK | TH-18<br>TH-18 | 1.98<br>1.98 | 8.42<br>8.42 | 1.98<br>1.98 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.13 | | | 0.14 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.09 | | | 0.05 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | X5<br>又又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.04<br>0.04 | 7.13<br>10.37 | OK<br>OK | 0.37<br>0.37 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-18<br>TH-18 | 0.37<br>0.37 | 8.42<br>8.42 | 0.37<br>0.37 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X5<br>又Y2 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.90<br>0.90 | 7.13<br>10.37 | OK<br>OK | 1.98<br>1.98 | 15.84<br>23.04 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | OK<br>OK | TH-18<br>TH-18 | 1.98<br>1.98 | 8.42<br>8.42 | 1.98<br>1.98 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.13 | | | 0.14 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.09 | | | 0.05 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | X5<br>Y2 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.90<br>0.90 | 7.13<br>10.37 | OK<br>OK | 1.98<br>1.98 | 15.84<br>23.04 | OK<br>OK | 0.04<br>0.04 | 0.30<br>0.81 | OK<br>OK | TH-18<br>TH-18 | 1.98<br>1.98 | 8.42<br>8.42 | 1.98<br>1.98 | 12.24<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.13 | | | 0.14 | | 検定値(始点側) | 長期 | 0.24 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.09 | | | 0.05 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | X5<br>Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.20 | 4.95<br>7.20 | OK<br>OK | 0.89<br>0.89 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10D | 0.89<br>0.89 | 4.18<br>4.40 | 0.89<br>0.89 | 6.08<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.03 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X5<br>Y3Y4 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 9.26<br>9.26 | 34.21<br>49.77 | OK<br>OK | 14.85<br>14.85 | 39.60<br>57.60 | OK<br>OK | 0.04<br>0.04 | 0.38<br>1.01 | OK<br>OK | TH-45D<br>TH-45D | 10.76<br>14.85 | 25.30<br>25.30 | 10.76<br>14.85 | 36.80<br>36.80 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.27 | | | 0.38 | | | 0.11 | | 検定値(始点側) | 長期 | 0.43 | 短期せん断 | 0.29 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.19 | | | 0.26 | | | 0.04 | | 検定値(終点側) | 長期 | 0.59 | 短期せん断 | 0.40 | 引張 | 0.00 | |
| | X5<br>Y4 | 欧州赤松集成材<br>150×1230 | G+P<br>G+P+K | 37823<br>23260 | 174.39<br>842.91 | 282.91<br>514.39 | OK<br>OK | 77.38<br>85.85 | 135.30<br>246.00 | OK<br>OK | 0.63<br>0.81 | 1.52<br>2.00 | OK<br>OK | G1<br>G1 | 77.38<br>68.18 | 100.00<br>100.00 | 85.85<br>87.94 | 182.00<br>182.00 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.62 | | | 0.57 | | | 0.42 | | 検定値(始点側) | 長期 | 0.77 | 短期せん断 | 0.47 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.35 | | | 0.41 | | 検定値(終点側) | 長期 | 0.68 | 短期せん断 | 0.48 | 引張 | 0.00 | |
| | X5<br>Y8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.31<br>0.31 | 11.40<br>16.59 | OK<br>OK | 1.11<br>1.11 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-24D<br>TH-24D | 1.11<br>0.74 | 19.20<br>19.20 | 1.11<br>0.74 | 27.92<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.02 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | X5<br>Y8 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 3.28<br>3.28 | 24.63<br>35.83 | OK<br>OK | 7.60<br>7.60 | 31.68<br>46.08 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | TH-33<br>TH-33D | 7.60<br>4.70 | 22.83<br>22.83 | 7.60<br>4.70 | 33.20<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.24 | | | 0.04 | | 検定値(始点側) | 長期 | 0.33 | 短期せん断 | 0.23 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.09 | | | 0.16 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | 又X5<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 16.90<br>29.04 | 28.27<br>51.40 | OK<br>OK | 10.20<br>13.53 | 34.32<br>62.40 | OK<br>OK | 0.87<br>1.48 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 10.20<br>10.04 | 21.67<br>21.67 | 17.26<br>11.66 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.60 | | | 0.30 | | | 0.89 | | 検定値(始点側) | 長期 | 0.47 | 短期せん断 | 0.44 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.56 | | | 0.22 | | | 0.74 | | 検定値(終点側) | 長期 | 0.46 | 短期せん断 | 0.30 | 引張 | 0.00 | |
| | 又X5<br>Y2Y3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+K | 1458<br>19683 | 3.35<br>8.61 | 14.43<br>26.24 | OK<br>OK | 4.48<br>10.26 | 23.76<br>43.20 | OK<br>OK | 0.10<br>0.27 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 3.52<br>4.48 | 12.49<br>12.49 | 6.42<br>10.26 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.19 | | | 0.22 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | 0.28 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.33 | | | 0.24 | | | 0.22 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | 0.45 | 引張 | 0.00 | |
| | 又X5<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.13<br>0.13 | 3.67<br>5.35 | OK<br>OK | 0.58<br>0.58 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>105大入れ | 0.58<br>0.58 | 4.18<br>6.34 | 0.58<br>0.58 | 6.08<br>9.22 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.09 | | | 0.03 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | 又X5 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.13<br>0.13 | 1.55<br>2.26 | OK<br>OK | 0.58<br>0.58 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ | 0.58<br>0.58 | 3.56<br>3.56 | 0.58<br>0.58 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.16 | | | 0.11 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.11 | | | 0.04 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又X5<br>又Y4 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.13<br>0.13 | 1.55<br>2.26 | OK<br>OK | 0.58<br>0.58 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ | 0.58<br>0.58 | 3.56<br>3.56 | 0.58<br>0.58 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.16 | | | 0.11 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.11 | | | 0.04 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | 又X5<br>又Y4又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.05<br>0.05 | 1.55<br>2.26 | OK<br>OK | 0.31<br>0.31 | 3.56<br>5.18 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.28 | OK<br>OK | 105大入れ<br>105大入れ | 0.31<br>0.31 | 3.56<br>3.56 | 0.31<br>0.31 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.09 | | | 0.03 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | 又X5<br>又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.07<br>0.07 | 1.55<br>2.26 | OK<br>OK | 0.39<br>0.39 | 3.56<br>5.18 | OK<br>OK | 0.01<br>0.01 | 0.12<br>0.32 | OK<br>OK | 105大入れ<br>105大入れ | 0.39<br>0.39 | 3.56<br>3.56 | 0.39<br>0.39 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.11 | | | 0.05 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.08 | 引張 | 0.00 | |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 14.27<br>21.34 | 25.70<br>46.73 | OK<br>OK | 9.55<br>18.46 | 34.32<br>62.40 | OK<br>OK | 0.80<br>1.31 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 9.55<br>8.65 | 21.67<br>21.67 | 18.46<br>10.69 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.56 | | | 0.28 | | | 0.81 | | 検定値(始点側) | 長期 | 0.44 | 短期せん断 | 0.47 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.46 | | | 0.30 | | | 0.65 | | 検定値(終点側) | 長期 | 0.40 | 短期せん断 | 0.27 | 引張 | 0.00 | |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.26<br>2.26 | 9.70<br>14.11 | OK<br>OK | 3.31<br>3.31 | 18.48<br>26.88 | OK<br>OK | 0.12<br>0.12 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18 | 3.31<br>3.31 | 8.42<br>8.42 | 3.31<br>3.31 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.23 | | | 0.18 | | | 0.27 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.16 | | | 0.12 | | | 0.10 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | |
| | 又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.02<br>0.02 | 1.55<br>2.26 | OK<br>OK | 0.17<br>0.17 | 3.56<br>5.18 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | 105大入れ<br>105大入れ | 0.17<br>0.17 | 3.56<br>3.56 | 0.17<br>0.17 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | 又Y8 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ | 0.66<br>0.66 | 3.56<br>3.56 | 0.66<br>0.66 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.19 | | | 0.12 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.13 | | | 0.05 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | |
| 1 | 又<br>YOY2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319<br>検定値(長期)<br>検定値(短期) | 15.03<br>19.31<br>0.58<br>0.41 | 25.70<br>46.73 | OK<br>OK | 10.61<br>16.11<br>0.31<br>0.26 | 34.32<br>62.40 | OK<br>OK | 0.86<br>1.17<br>0.87<br>0.59 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 10.61<br>8.90<br>0.49<br>0.41 | 21.67<br>21.67<br>短期せん断<br>短期せん断 | 16.11<br>10.15<br>0.41<br>0.26 | 39.40<br>39.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261<br>検定値(長期)<br>検定値(短期) | 2.38<br>2.38<br>0.27<br>0.19 | 8.73<br>12.70 | OK<br>OK | 3.31<br>3.31<br>0.18<br>0.12 | 18.48<br>26.88 | OK<br>OK | 0.14<br>0.14<br>0.32<br>0.12 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 3.31<br>3.31<br>0.39<br>0.39 | 8.42<br>8.42<br>短期せん断<br>短期せん断 | 3.31<br>3.31<br>0.27<br>0.27 | 12.24<br>12.24<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728<br>検定値(長期)<br>検定値(短期) | 0.15<br>0.15<br>0.04<br>0.03 | 3.67<br>5.35 | OK<br>OK | 0.66<br>0.66<br>0.10<br>0.07 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01<br>0.04<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.66<br>0.66<br>0.16<br>0.10 | 4.18<br>6.34<br>短期せん断<br>短期せん断 | 0.66<br>0.66<br>0.11<br>0.07 | 6.08<br>9.22<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547<br>検定値(長期)<br>検定値(短期) | 0.15<br>0.15<br>0.10<br>0.07 | 1.55<br>2.26 | OK<br>OK | 0.66<br>0.66<br>0.19<br>0.13 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02<br>0.12<br>0.05 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.66<br>0.66<br>0.19<br>0.19 | 3.56<br>3.56<br>短期せん断<br>短期せん断 | 0.66<br>0.66<br>0.13<br>0.13 | 5.18<br>5.18<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>又Y4 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547<br>検定値(長期)<br>検定値(短期) | 0.15<br>0.15<br>0.10<br>0.07 | 1.55<br>2.26 | OK<br>OK | 0.66<br>0.66<br>0.19<br>0.13 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02<br>0.12<br>0.05 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.66<br>0.66<br>0.19<br>0.19 | 3.56<br>3.56<br>短期せん断<br>短期せん断 | 0.66<br>0.66<br>0.13<br>0.13 | 5.18<br>5.18<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>又Y4又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547<br>検定値(長期)<br>検定値(短期) | 0.05<br>0.05<br>0.03<br>0.02 | 1.55<br>2.26 | OK<br>OK | 0.33<br>0.33<br>0.09<br>0.06 | 3.56<br>5.18 | OK<br>OK | 0.00<br>0.00<br>0.03<br>0.01 | 0.11<br>0.28 | OK<br>OK | 105大入れ<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.33<br>0.33<br>0.09<br>0.09 | 3.56<br>3.56<br>短期せん断<br>短期せん断 | 0.33<br>0.33<br>0.06<br>0.06 | 5.18<br>5.18<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547<br>検定値(長期)<br>検定値(短期) | 0.08<br>0.08<br>0.05<br>0.03 | 1.55<br>2.26 | OK<br>OK | 0.42<br>0.42<br>0.12<br>0.08 | 3.56<br>5.18 | OK<br>OK | 0.01<br>0.01<br>0.05<br>0.02 | 0.12<br>0.32 | OK<br>OK | 105大入れ<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.42<br>0.42<br>0.12<br>0.12 | 3.56<br>3.56<br>短期せん断<br>短期せん断 | 0.42<br>0.42<br>0.08<br>0.08 | 5.18<br>5.18<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>YOY2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319<br>検定値(長期)<br>検定値(短期) | 12.37<br>12.37<br>0.48<br>0.33 | 25.70<br>37.38 | OK<br>OK | 8.00<br>8.00<br>0.23<br>0.16 | 34.32<br>49.92 | OK<br>OK | 0.64<br>0.64<br>0.65<br>0.32 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 6.70<br>8.00<br>0.31<br>0.37 | 21.67<br>21.67<br>短期せん断<br>短期せん断 | 6.70<br>8.00<br>0.21<br>0.25 | 31.52<br>31.52<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261<br>検定値(長期)<br>検定値(短期) | 2.38<br>2.38<br>0.27<br>0.19 | 8.73<br>12.70 | OK<br>OK | 3.31<br>3.31<br>0.18<br>0.12 | 18.48<br>26.88 | OK<br>OK | 0.14<br>0.14<br>0.32<br>0.12 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 3.31<br>3.31<br>0.39<br>0.39 | 8.42<br>8.42<br>短期せん断<br>短期せん断 | 3.31<br>3.31<br>0.27<br>0.27 | 12.24<br>12.24<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547<br>検定値(長期)<br>検定値(短期) | 0.02<br>0.02<br>0.01<br>0.01 | 1.55<br>2.26 | OK<br>OK | 0.17<br>0.17<br>0.05<br>0.03 | 3.56<br>5.18 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.00 | 0.08<br>0.20 | OK<br>OK | 105大入れ<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.17<br>0.17<br>0.05<br>0.05 | 3.56<br>3.56<br>短期せん断<br>短期せん断 | 0.17<br>0.17<br>0.03<br>0.03 | 5.18<br>5.18<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又Y8 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547<br>検定値(長期)<br>検定値(短期) | 0.15<br>0.15<br>0.10<br>0.07 | 1.55<br>2.26 | OK<br>OK | 0.66<br>0.66<br>0.19<br>0.13 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02<br>0.12<br>0.05 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.66<br>0.66<br>0.19<br>0.19 | 3.56<br>3.56<br>短期せん断<br>短期せん断 | 0.66<br>0.66<br>0.13<br>0.13 | 5.18<br>5.18<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | X6<br>YOY2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319<br>検定値(長期)<br>検定値(短期) | 13.89<br>14.44<br>0.54<br>0.39 | 25.70<br>37.38 | OK<br>OK | 9.00<br>9.78<br>0.26<br>0.20 | 34.32<br>49.92 | OK<br>OK | 0.77<br>0.81<br>0.78<br>0.41 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33D<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 9.00<br>8.53<br>0.42<br>0.37 | 21.67<br>22.83<br>短期せん断<br>短期せん断 | 9.78<br>8.71<br>0.31<br>0.26 | 31.52<br>33.20<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | X6<br>Y2又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824<br>検定値(長期)<br>検定値(短期) | 0.53<br>0.53<br>0.04<br>0.03 | 12.67<br>18.43 | OK<br>OK | 1.87<br>1.87<br>0.09<br>0.06 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00<br>0.02<br>0.01 | 0.19<br>0.51 | OK<br>OK | TH-24D<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 1.87<br>—<br>0.10<br>— | 19.20<br>—<br>短期せん断<br>短期せん断 | 1.87<br>—<br>0.07<br>— | 27.92<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | X6<br>又Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824<br>検定値(長期)<br>検定値(短期) | 1.19<br>1.19<br>0.10<br>0.07 | 11.40<br>16.59 | OK<br>OK | 2.83<br>2.83<br>0.13<br>0.09 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.02<br>0.07<br>0.03 | 0.27<br>0.71 | OK<br>OK | —<br>TH-24<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | —<br>2.64<br>—<br>0.21 | —<br>12.49<br>短期せん断<br>短期せん断 | —<br>2.64<br>—<br>0.15 | —<br>18.16<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK | |
| | X6<br>Y3 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728<br>検定値(長期)<br>検定値(短期) | 0.15<br>0.15<br>0.04<br>0.03 | 3.67<br>5.35 | OK<br>OK | 0.66<br>0.66<br>0.10<br>0.07 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01<br>0.04<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>105大入れ<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.66<br>0.66<br>0.16<br>0.10 | 4.18<br>6.34<br>短期せん断<br>短期せん断 | 0.66<br>0.66<br>0.11<br>0.07 | 6.08<br>9.22<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X6 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ | 0.66<br>0.66 | 3.56<br>3.56 | 0.66<br>0.66 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.10 | | | | 0.19 | | | 0.12 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.07 | | | | 0.13 | | | 0.05 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | X6<br>又Y4 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.15<br>0.15 | 1.55<br>2.26 | OK<br>OK | 0.66<br>0.66 | 3.56<br>5.18 | OK<br>OK | 0.02<br>0.02 | 0.15<br>0.40 | OK<br>OK | 105大入れ<br>105大入れ | 0.66<br>0.66 | 3.56<br>3.56 | 0.66<br>0.66 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.10 | | | | 0.19 | | | 0.12 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.07 | | | | 0.13 | | | 0.05 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | X6<br>又Y4又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.05<br>0.05 | 1.55<br>2.26 | OK<br>OK | 0.33<br>0.33 | 3.56<br>5.18 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.28 | OK<br>OK | 105大入れ<br>105大入れ | 0.33<br>0.33 | 3.56<br>3.56 | 0.33<br>0.33 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.03 | | | | 0.09 | | | 0.03 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.02 | | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | |
| | X6<br>又 | 杉<br>90×90 | G+P<br>G+P+S | 122<br>547 | 0.08<br>0.08 | 1.55<br>2.26 | OK<br>OK | 0.42<br>0.42 | 3.56<br>5.18 | OK<br>OK | 0.01<br>0.01 | 0.12<br>0.32 | OK<br>OK | 105大入れ<br>105大入れ | 0.42<br>0.42 | 3.56<br>3.56 | 0.42<br>0.42 | 5.18<br>5.18 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.05 | | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.03 | | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | |
| | 又X6 | 欧州赤松集成材<br>150×550 | G+P<br>G+P+S | 7563<br>20796 | 28.88<br>28.88 | 69.63<br>101.28 | OK<br>OK | 15.35<br>15.35 | 60.50<br>88.00 | OK<br>OK | 0.69<br>0.69 | 1.21<br>2.00 | OK<br>OK | TH-51<br>TH-51 | 14.35<br>15.35 | 36.19<br>36.19 | 14.35<br>15.35 | 52.64<br>52.64 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.41 | | | | 0.25 | | | 0.57 | | 検定値(始点側) | 長期 | 0.40 | 短期せん断 | 0.27 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.29 | | | | 0.17 | | | 0.35 | | 検定値(終点側) | 長期 | 0.42 | 短期せん断 | 0.29 | 引張 | 0.00 | |
| | 又X6<br>又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.61<br>0.61 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>TH-10 | 0.61<br>0.61 | 4.18<br>4.18 | 0.61<br>0.61 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.01 | | | | 0.05 | | | 0.00 | | 検定値(始点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.01 | | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | |
| | 又X6<br>又Y8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.37<br>0.37 | 4.95<br>7.20 | OK<br>OK | 1.63<br>1.63 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.63<br>1.63 | 4.18<br>4.18 | 1.63<br>1.63 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.07 | | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.05 | | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | |
| | Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 15.27<br>16.33 | 25.70<br>37.38 | OK<br>OK | 10.94<br>12.38 | 34.32<br>49.92 | OK<br>OK | 0.88<br>0.96 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 10.94<br>8.97 | 21.67<br>21.67 | 12.38<br>9.30 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.59 | | | | 0.32 | | | 0.89 | | 検定値(始点側) | 長期 | 0.50 | 短期せん断 | 0.39 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.44 | | | | 0.25 | | | 0.48 | | 検定値(終点側) | 長期 | 0.41 | 短期せん断 | 0.30 | 引張 | 0.00 | |
| | Y2Y3 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.15<br>2.15 | 8.73<br>12.70 | OK<br>OK | 2.97<br>2.97 | 18.48<br>26.88 | OK<br>OK | 0.13<br>0.13 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18 | 2.97<br>2.97 | 8.42<br>8.42 | 2.97<br>2.97 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.25 | | | | 0.16 | | | 0.29 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.17 | | | | 0.11 | | | 0.11 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | |
| | X7<br>Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.22<br>0.22 | 12.67<br>18.43 | OK<br>OK | 0.99<br>0.99 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>— | 0.99<br>— | 12.49<br>— | 0.99<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | 0.02 | | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.01 | | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | X7<br>Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.95<br>0.95 | 12.67<br>18.43 | OK<br>OK | 2.08<br>2.08 | 21.12<br>30.72 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | OK<br>OK | —<br>TH-24D | —<br>2.08 | —<br>19.20 | —<br>2.08 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | 0.07 | | | | 0.10 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | 0.05 | | | | 0.07 | | | 0.02 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.07 | 引張 | 0.00 | |
| | X7<br>Y3又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 18.28<br>18.28 | 34.21<br>49.77 | OK<br>OK | 18.32<br>18.32 | 39.60<br>57.60 | OK<br>OK | 0.19<br>0.19 | 0.56<br>1.50 | OK<br>OK | TH-45D<br>TH-45D | 17.03<br>18.32 | 25.30<br>25.30 | 17.03<br>18.32 | 36.80<br>36.80 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.53 | | | | 0.46 | | | 0.34 | | 検定値(始点側) | 長期 | 0.67 | 短期せん断 | 0.46 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.37 | | | | 0.32 | | | 0.13 | | 検定値(終点側) | 長期 | 0.72 | 短期せん断 | 0.50 | 引張 | 0.00 | |
| | X7<br>又又 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 9.06<br>9.06 | 55.70<br>81.02 | OK<br>OK | 13.17<br>13.17 | 48.40<br>70.40 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | OK<br>OK | TH-33D<br>— | 13.17<br>— | 22.83<br>— | 13.17<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | 0.16 | | | | 0.27 | | | 0.05 | | 検定値(始点側) | 長期 | 0.58 | 短期せん断 | 0.40 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.11 | | | | 0.19 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | X7<br>又又Y5 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 1.77<br>1.77 | 49.51<br>72.02 | OK<br>OK | 3.20<br>3.20 | 48.40<br>70.40 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | OK<br>OK | —<br>TH-33D | —<br>2.90 | —<br>22.83 | —<br>2.90 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | 0.04 | | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | 0.02 | | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | |
| | X7<br>又Y5又 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 2.19<br>2.19 | 49.51<br>72.02 | OK<br>OK | 6.15<br>6.15 | 48.40<br>70.40 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-33D<br>— | 3.85<br>— | 22.83<br>— | 3.85<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | 0.04 | | | | 0.13 | | | 0.01 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | 0.12 | 引張 | 0.00 | |
| | | | | 検定値(短期) | 0.03 | | | | 0.09 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | | |
| 1 | X7<br>又又Y6 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | | 0.03<br>0.02 | | | 0.02<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.05<br>0.05 | 短期せん断<br>短期せん断 | 0.03<br>0.03 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | X7<br>又又Y6 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 1.42<br>1.42 | 49.51<br>72.02 | OK<br>OK | 4.32<br>4.32 | 48.40<br>70.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.03<br>0.02 | | | | 0.09<br>0.06 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>— | 短期せん断<br>短期せん断 | —<br>— | 引張<br>引張 | —<br>— | | | |
| | X7<br>又Y6又 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>16637 | 13.59<br>13.59 | 49.51<br>72.02 | OK<br>OK | 26.87<br>26.87 | 48.40<br>70.40 | OK<br>OK | 0.07<br>0.07 | 0.46<br>1.24 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.27<br>0.19 | | | | 0.56<br>0.38 | | | 0.14<br>0.05 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>— | 短期せん断<br>短期せん断 | —<br>— | 引張<br>引張 | —<br>— | | | |
| | X7<br>又Y8 | 欧州赤松集成材<br>120×550 | G+P<br>G+P+S | 6050<br>166375 | 0.27<br>0.27 | 61.89<br>90.02 | OK<br>OK | 1.17<br>1.17 | 48.40<br>70.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-33D | —<br>1.17 | —<br>22.83 | —<br>1.17 | —<br>33.20 | —<br>— | —<br>— | —<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | | 0.02<br>0.02 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.05 | 短期せん断<br>短期せん断 | —<br>0.04 | 引張<br>引張 | —<br>0.00 | | | |
| | X7<br>又Y8 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | | 0.03<br>0.02 | | | 0.02<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.05<br>0.05 | 短期せん断<br>短期せん断 | 0.03<br>0.03 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又X7<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 12.37<br>12.37 | 25.70<br>37.38 | OK<br>OK | 8.00<br>8.00 | 34.32<br>49.92 | OK<br>OK | 0.64<br>0.64 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 6.70<br>8.00 | 21.67<br>21.67 | 6.70<br>8.00 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.48<br>0.33 | | | | 0.23<br>0.16 | | | 0.65<br>0.32 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.31<br>0.37 | 短期せん断<br>短期せん断 | 0.21<br>0.25 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又X7<br>Y2Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.45<br>1.45 | 7.13<br>10.37 | OK<br>OK | 2.12<br>2.12 | 15.84<br>23.04 | OK<br>OK | 0.13<br>0.13 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18 | 2.12<br>2.12 | 8.42<br>8.42 | 2.12<br>2.12 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.20<br>0.14 | | | | 0.13<br>0.09 | | | 0.28<br>0.10 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.25<br>0.25 | 短期せん断<br>短期せん断 | 0.17<br>0.17 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又X7<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.00<br>0.00 | 3.67<br>5.35 | OK<br>OK | 0.00<br>0.00 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>0.00 | 短期せん断<br>短期せん断 | 0.00<br>0.00 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又X7<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | OK<br>OK | 1.20<br>1.20 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>— | 1.20<br>— | 12.49<br>— | 1.20<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | | | | 0.06<br>0.04 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.10<br>— | 短期せん断<br>短期せん断 | 0.07<br>— | 引張<br>引張 | 0.00<br>— | | | |
| | 又X7<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.27<br>0.27 | 12.67<br>18.43 | OK<br>OK | 1.20<br>1.20 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24 | —<br>1.20 | —<br>12.49 | —<br>1.20 | —<br>18.16 | —<br>— | —<br>— | —<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | | | | 0.06<br>0.04 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.10 | 短期せん断<br>短期せん断 | —<br>0.07 | 引張<br>引張 | —<br>0.00 | | | |
| | 又X7<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.00<br>0.00 | 3.67<br>5.35 | OK<br>OK | 0.00<br>0.00 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.00<br>0.00 | 4.40<br>4.40 | 0.00<br>0.00 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>0.00 | 短期せん断<br>短期せん断 | 0.00<br>0.00 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又X7<br>又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.32<br>0.32 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | OK<br>OK | TH-10<br>TH-10 | 0.32<br>0.32 | 4.18<br>4.18 | 0.32<br>0.32 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | | 0.02<br>0.02 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.08<br>0.08 | 短期せん断<br>短期せん断 | 0.05<br>0.05 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又X7<br>Y5又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.42<br>0.42 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.14<br>0.38 | OK<br>OK | TH-10<br>TH-10 | 0.42<br>0.42 | 4.18<br>4.18 | 0.42<br>0.42 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | | | | 0.03<br>0.02 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.10<br>0.10 | 短期せん断<br>短期せん断 | 0.07<br>0.07 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又<br>Y0Y2 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 18.14<br>30.36 | 28.27<br>51.40 | OK<br>OK | 12.89<br>27.01 | 34.32<br>62.40 | OK<br>OK | 0.87<br>1.58 | 0.99<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 12.89<br>9.01 | 21.67<br>21.67 | 27.01<br>12.23 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.64<br>0.59 | | | | 0.38<br>0.43 | | | 0.88<br>0.79 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.59<br>0.42 | 短期せん断<br>短期せん断 | 0.69<br>0.31 | 引張<br>引張 | 0.00<br>0.00 | | | |
| | 又<br>Y2Y3 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.22<br>2.22 | 7.13<br>10.37 | OK<br>OK | 3.25<br>3.25 | 15.84<br>23.04 | OK<br>OK | 0.19<br>0.19 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18 | 3.25<br>3.25 | 8.42<br>8.42 | 3.25<br>3.25 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK | | |
| | | | | 検定値(長期)<br>検定値(短期) | 0.31<br>0.21 | | | | 0.21<br>0.14 | | | 0.43<br>0.16 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.39<br>0.39 | 短期せん断<br>短期せん断 | 0.27<br>0.27 | 引張<br>引張 | 0.00<br>0.00 | | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X8<br>YOY1 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.00<br>0.00 | 7.13<br>10.37 | OK<br>OK | 0.00<br>0.00 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-18<br>TH-18 | 0.00<br>0.00 | 8.42<br>8.42 | 0.00<br>0.00 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.00 | | | 0.00 | | 検定値(終点側) | 長期 | 0.00 | 短期せん断 | 0.00 | 引張 | 0.00 | | |
| | X8<br>Y1又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.20<br>0.20 | 7.13<br>10.37 | OK<br>OK | 0.77<br>0.77 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | OK<br>OK | TH-18<br>TH-18 | 0.77<br>0.77 | 8.42<br>8.42 | 0.77<br>0.77 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | X8<br>又Y2 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.76<br>3.76 | 10.14<br>14.75 | OK<br>OK | 3.73<br>3.73 | 21.12<br>30.72 | OK<br>OK | 0.32<br>0.32 | 0.63<br>1.67 | OK<br>OK | TH-24<br>TH-24 | 3.73<br>3.73 | 12.49<br>12.49 | 3.73<br>3.73 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.37 | | | 0.18 | | | 0.52 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.12 | | | 0.19 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | X8<br>Y3又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 6.55<br>6.55 | 10.14<br>14.75 | OK<br>OK | 7.10<br>7.10 | 21.12<br>30.72 | OK<br>OK | 0.47<br>0.47 | 0.56<br>1.50 | OK<br>OK | TH-24<br>TH-24 | 6.07<br>7.10 | 12.49<br>12.49 | 6.07<br>7.10 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.65 | | | 0.34 | | | 0.83 | | 検定値(始点側) | 長期 | 0.49 | 短期せん断 | 0.33 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.44 | | | 0.23 | | | 0.31 | | 検定値(終点側) | 長期 | 0.57 | 短期せん断 | 0.39 | 引張 | 0.00 | | |
| | X8<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X8<br>又又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.39<br>0.39 | 17.82<br>25.92 | OK<br>OK | 1.87<br>1.87 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>— | 1.62<br>— | 12.49<br>— | 1.62<br>— | 18.16<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X8<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X8<br>又又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 0.66<br>7.24 | 17.82<br>32.40 | OK<br>OK | 2.82<br>27.23 | 26.40<br>48.00 | OK<br>OK | 0.00<br>0.02 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.11 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.22 | | | 0.57 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X8<br>又又Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 1.24<br>1.24 | 15.84<br>23.04 | OK<br>OK | 2.13<br>2.13 | 26.40<br>38.40 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.70 | OK<br>OK | —<br>TH-24 | —<br>2.03 | —<br>12.49 | —<br>2.03 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.08 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.11 | 引張 | 0.00 | | |
| | 又X8<br>Y2Y3 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.76<br>1.76 | 12.67<br>18.43 | OK<br>OK | 2.58<br>2.58 | 21.12<br>30.72 | OK<br>OK | 0.06<br>0.06 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24 | 2.58<br>2.58 | 12.49<br>12.49 | 2.58<br>2.58 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.12 | | | 0.14 | | 検定値(始点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.08 | | | 0.05 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | X9<br>YOY1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.20<br>0.21 | 37.26<br>54.19 | OK<br>OK | 0.74<br>0.75 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.49 | OK<br>OK | TH-33D<br>— | 0.74<br>— | 22.83<br>— | 0.75<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>Y1又Y1 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.22<br>0.22 | 37.26<br>54.19 | OK<br>OK | 1.24<br>1.24 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.12<br>0.32 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>又Y1又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.81<br>0.81 | 33.53<br>48.77 | OK<br>OK | 2.91<br>2.91 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.08 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>又Y1又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | X9<br>又又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.07<br>0.07 | 3.67<br>5.35 | OK<br>OK | 0.29<br>0.29 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.29<br>0.29 | 4.40<br>4.40 | 0.29<br>0.29 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X9<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.30<br>0.30 | 37.26<br>54.19 | OK<br>OK | 1.30<br>1.30 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+S | 3528<br>74088 | 0.02<br>0.02 | 37.26<br>54.19 | OK<br>OK | 0.31<br>0.31 | 36.96<br>53.76 | OK<br>OK | 0.00<br>0.00 | 0.04<br>0.09 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又Y2 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 5.89<br>6.81 | 33.53<br>60.96 | OK<br>OK | 12.65<br>14.76 | 36.96<br>67.20 | OK<br>OK | 0.03<br>0.04 | 0.34<br>0.92 | OK<br>OK | —<br>TH-33D | | —<br>8.57 | —<br>22.83 | —<br>9.29 | —<br>41.50 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.18 | | | 0.34 | | | 0.09 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.11 | | | 0.22 | | | 0.04 | | 検定値(終点側) | 長期 | 0.38 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | X9<br>Y2又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 2.35<br>2.40 | 28.91<br>52.57 | OK<br>OK | 11.78<br>13.78 | 34.32<br>62.40 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | TH-24D<br>— | | 11.78<br>— | 19.20<br>— | 13.78<br>— | 34.90<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.08 | | | 0.34 | | | 0.02 | | 検定値(始点側) | 長期 | 0.61 | 短期せん断 | | 0.39 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.22 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.94<br>1.94 | 28.91<br>42.05 | OK<br>OK | 10.08<br>10.08 | 34.32<br>49.92 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | —<br>K39 | | —<br>10.08 | —<br>99.00 | —<br>10.08 | —<br>79.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.29 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.20 | | | 0.01 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | | 0.13 | 引張 | 0.00 | |
| | X9<br>Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 5.15<br>5.15 | 25.70<br>37.38 | OK<br>OK | 8.22<br>8.22 | 34.32<br>49.92 | OK<br>OK | 0.02<br>0.02 | 0.30<br>0.81 | OK<br>OK | TH-33<br>— | | 7.39<br>— | 22.83<br>— | 7.39<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.20 | | | 0.24 | | | 0.08 | | 検定値(始点側) | 長期 | 0.32 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.14 | | | 0.16 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 2.01<br>2.01 | 25.70<br>37.38 | OK<br>OK | 9.34<br>9.34 | 34.32<br>49.92 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.69 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.08 | | | 0.27 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.19 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.34<br>1.34 | 28.91<br>42.05 | OK<br>OK | 3.26<br>3.26 | 34.32<br>49.92 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.10 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又Y5 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 2.21<br>2.21 | 25.70<br>37.38 | OK<br>OK | 4.81<br>4.81 | 34.32<br>49.92 | OK<br>OK | 0.01<br>0.01 | 0.26<br>0.70 | OK<br>OK | —<br>TH-33D | | —<br>4.81 | —<br>22.83 | —<br>4.81 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.14 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | X9<br>又Y5又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.15<br>2.15 | 10.14<br>14.75 | OK<br>OK | 6.46<br>6.46 | 21.12<br>30.72 | OK<br>OK | 0.03<br>0.03 | 0.23<br>0.61 | OK<br>OK | TH-24D<br>— | | 3.86<br>— | 19.20<br>— | 3.86<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.21 | | | 0.31 | | | 0.11 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.15 | | | 0.21 | | | 0.04 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.56<br>1.56 | 10.14<br>14.75 | OK<br>OK | 5.54<br>5.54 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.16<br>0.43 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.15 | | | 0.26 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.11 | | | 0.18 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又Y6 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.23<br>0.23 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.16<br>0.43 | OK<br>OK | TH-10D<br>TH-10D | | 0.23<br>0.23 | 4.40<br>4.40 | 0.23<br>0.23 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | X9<br>又Y6又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.03 | 引張 | 0.00 | |
| | X9<br>又Y6又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.44<br>1.44 | 10.14<br>14.75 | OK<br>OK | 6.27<br>6.27 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.14 | | | 0.30 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.10 | | | 0.20 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9<br>又又Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.37<br>1.37 | 11.40<br>16.59 | OK<br>OK | 3.88<br>3.88 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.12 | | | 0.18 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.08 | | | 0.13 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X9<br>又又Y7 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.01 | | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.01 | | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X9<br>又Y7又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.01 | | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.01 | | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | X9<br>又Y7又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.28<br>1.28 | 10.14<br>14.75 | OK<br>OK | 6.97<br>6.97 | 21.12<br>30.72 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期) | 0.13 | | | | 0.33 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | 0.09 | | | | 0.23 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9<br>又Y8 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.83<br>0.83 | 11.40<br>16.59 | OK<br>OK | 5.04<br>5.04 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24D | —<br>2.55 | —<br>19.20 | —<br>2.55 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | 0.07 | | | | 0.24 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | 0.05 | | | | 0.16 | | | 0.01 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | X9<br>又Y8 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.05<br>0.05 | 3.67<br>5.35 | OK<br>OK | 0.22<br>0.22 | 6.34<br>9.22 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10D<br>TH-10D | 0.22<br>0.22 | 4.40<br>4.40 | 0.22<br>0.22 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.01 | | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.01 | | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | | |
| | 又X11又Y1<br>又X11又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | -0.23<br>-0.23 | 25.66<br>37.32 | OK<br>OK | 0.54<br>0.54 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期) | 0.01 | | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | 0.01 | | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+K | 4050<br>91125 | 5.12<br>8.80 | 38.49<br>69.98 | OK<br>OK | 12.08<br>18.95 | 39.60<br>72.00 | OK<br>OK | 0.02<br>0.03 | 0.30<br>0.81 | OK<br>OK | —<br>TH-45D | —<br>8.04 | —<br>25.30 | —<br>13.35 | —<br>46.00 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | 0.13 | | | | 0.30 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | 0.13 | | | | 0.26 | | | 0.04 | | 検定値(終点側) | 長期 | 0.32 | 短期せん断 | 0.29 | 引張 | 0.00 | | |
| | 又X11又<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.39<br>0.39 | 12.67<br>18.43 | OK<br>OK | 1.73<br>1.73 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-24 | —<br>1.73 | —<br>12.49 | —<br>1.73 | —<br>18.16 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | 0.03 | | | | 0.08 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | 0.02 | | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 2.57<br>7.70 | 10.14<br>18.43 | OK<br>OK | 4.49<br>12.44 | 21.12<br>38.40 | OK<br>OK | 0.03<br>0.10 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | 4.49<br>4.14 | 12.49<br>12.49 | 12.44<br>11.25 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.25 | | | | 0.21 | | | 0.14 | | 検定値(始点側) | 長期 | 0.36 | 短期せん断 | 0.55 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.42 | | | | 0.32 | | | 0.17 | | 検定値(終点側) | 長期 | 0.33 | 短期せん断 | 0.50 | 引張 | 0.00 | | |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 4.90<br>6.67 | 15.84<br>28.80 | OK<br>OK | 8.28<br>11.03 | 26.40<br>48.00 | OK<br>OK | 0.03<br>0.04 | 0.23<br>0.61 | OK<br>OK | TH-24<br>TH-24 | 8.28<br>7.68 | 12.49<br>12.49 | 11.03<br>10.14 | 22.70<br>22.70 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.31 | | | | 0.31 | | | 0.14 | | 検定値(始点側) | 長期 | 0.66 | 短期せん断 | 0.49 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.23 | | | | 0.23 | | | 0.07 | | 検定値(終点側) | 長期 | 0.62 | 短期せん断 | 0.45 | 引張 | 0.00 | | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.47<br>1.47 | 4.18<br>4.18 | 1.47<br>1.47 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.07 | | | | 0.11 | | | 0.05 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.05 | | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | X9又<br>又X11又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 2.43<br>2.43 | 12.67<br>18.43 | OK<br>OK | 4.44<br>4.44 | 21.12<br>30.72 | OK<br>OK | 0.08<br>0.08 | 0.36<br>0.97 | OK<br>OK | BAP-240/60L<br>— | 4.44<br>— | 14.63<br>— | 4.44<br>— | 21.28<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | 0.19 | | | | 0.21 | | | 0.22 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.13 | | | | 0.14 | | | 0.08 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 3.97<br>3.97 | 38.49<br>55.99 | OK<br>OK | 9.10<br>9.10 | 39.60<br>57.60 | OK<br>OK | 0.01<br>0.01 | 0.30<br>0.81 | OK<br>OK | TH-45D<br>— | 8.24<br>— | 25.30<br>— | 8.24<br>— | 36.80<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | 0.10 | | | | 0.23 | | | 0.04 | | 検定値(始点側) | 長期 | 0.33 | 短期せん断 | 0.22 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.07 | | | | 0.16 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.44<br>0.44 | 4.95<br>7.20 | OK<br>OK | 1.69<br>1.69 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.17<br>0.46 | OK<br>OK | TH-10<br>TH-10 | 1.69<br>1.69 | 4.18<br>4.18 | 1.69<br>1.69 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.09 | | | | 0.13 | | | 0.07 | | 検定値(始点側) | 長期 | 0.40 | 短期せん断 | 0.28 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.06 | | | | 0.09 | | | 0.03 | | 検定値(終点側) | 長期 | 0.40 | 短期せん断 | 0.28 | 引張 | 0.00 | | |
| | X9又<br>又X12又 | 欧州赤松集成材<br>120×420 | G+P<br>G+P+K | 3528<br>74088 | 9.60<br>13.59 | 33.53<br>60.96 | OK<br>OK | 8.21<br>12.70 | 36.96<br>67.20 | OK<br>OK | 0.13<br>0.20 | 0.56<br>1.49 | OK<br>OK | K39<br>TH-33 | 7.52<br>8.21 | 99.00<br>21.67 | 9.67<br>14.01 | 99.00<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | 0.29 | | | | 0.22 | | | 0.23 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | 0.22 | | | | 0.19 | | | 0.13 | | 検定値(終点側) | 長期 | 0.38 | 短期せん断 | 0.36 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X９又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.28<br>1.28 | 7.13<br>10.37 | OK<br>OK | 2.88<br>2.88 | 15.84<br>23.04 | OK<br>OK | 0.06<br>0.06 | 0.30<br>0.79 | OK<br>OK | BAP-180/60L<br>TH-18 | 2.88<br>2.88 | 8.58<br>8.42 | 2.88<br>2.88 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.18 | | | 0.18 | | | 0.21 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.12 | | | 0.12 | | | 0.08 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | |
| | 又X13又<br>又X14又Y２ | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 1.83<br>1.83 | 38.49<br>55.99 | OK<br>OK | 5.21<br>5.21 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — —<br>— — | |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.03 | | | 0.09 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | 又X９又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.78<br>0.78 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>TH-10 | 0.78<br>0.78 | 4.18<br>4.18 | 0.78<br>0.78 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | 又X10又<br>又X10又Y２ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.39<br>0.39 | 4.95<br>7.20 | OK<br>OK | 1.71<br>1.71 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.71<br>1.71 | 4.18<br>4.18 | 1.71<br>1.71 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.13 | | | 0.04 | | 検定値(始点側) | 長期 | 0.41 | 短期せん断 | 0.28 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.41 | 短期せん断 | 0.28 | 引張 | 0.00 | |
| | X９又Y２<br>又X12又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 12.29<br>16.78 | 25.70<br>46.73 | OK<br>OK | 9.46<br>13.96 | 34.32<br>62.40 | OK<br>OK | 0.34<br>0.48 | 0.69<br>1.84 | OK<br>OK | K39<br>TH-33 | 7.10<br>9.46 | 99.00<br>22.83 | 8.66<br>15.02 | 99.00<br>41.50 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.48 | | | 0.28 | | | 0.49 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.36 | | | 0.22 | | | 0.26 | | 検定値(終点側) | 長期 | 0.41 | 短期せん断 | 0.36 | 引張 | 0.00 | |
| | 又X14又Y２<br>又X14又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 2.01<br>2.01 | 38.49<br>55.99 | OK<br>OK | 5.59<br>5.59 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — —<br>— — | |
| | | | | 検定値(長期) | | 0.05 | | | 0.14 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.04 | | | 0.10 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | X９又Y２<br>又X13又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 4.47<br>4.47 | 25.70<br>37.38 | OK<br>OK | 4.29<br>4.29 | 34.32<br>49.92 | OK<br>OK | 0.12<br>0.12 | 0.74<br>1.96 | OK<br>OK | K39<br>TH-33 | 4.29<br>3.16 | 99.00<br>21.67 | 4.29<br>3.16 | 79.20<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.17 | | | 0.13 | | | 0.17 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.12 | | | 0.09 | | | 0.06 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | 0.10 | 引張 | 0.00 | |
| | 又X10又Y２<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.43<br>0.43 | 4.95<br>7.20 | OK<br>OK | 1.90<br>1.90 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.90<br>1.90 | 4.18<br>4.18 | 1.90<br>1.90 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.14 | | | 0.05 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | 0.31 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.10 | | | 0.02 | | 検定値(終点側) | 長期 | 0.45 | 短期せん断 | 0.31 | 引張 | 0.00 | |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×450 | G+P<br>G+P+S | 4050<br>91125 | 0.13<br>0.13 | 42.77<br>62.21 | OK<br>OK | 1.19<br>1.19 | 39.60<br>57.60 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>TH-45D | —<br>1.19 | —<br>25.30 | —<br>1.19 | —<br>36.80 | —<br>— | —<br>— | — —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | 0.03 | 引張 | 0.00 | |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.47<br>0.52 | 28.91<br>42.05 | OK<br>OK | 1.34<br>1.48 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | TH-33D<br>— | 1.34<br>— | 22.83<br>— | 1.48<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— — |
| | | | | 検定値(長期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | 又X15又<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 3.09<br>3.09 | 28.91<br>42.05 | OK<br>OK | 7.56<br>7.56 | 34.32<br>49.92 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | TH-33D<br>— | 5.72<br>— | 22.83<br>— | 5.72<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— — |
| | | | | 検定値(長期) | | 0.11 | | | 0.22 | | | 0.03 | | 検定値(始点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.15 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | 又X11又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.47<br>0.47 | 4.95<br>7.20 | OK<br>OK | 2.09<br>2.09 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 2.09<br>2.09 | 4.18<br>4.18 | 2.09<br>2.09 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.16 | | | 0.05 | | 検定値(始点側) | 長期 | 0.50 | 短期せん断 | 0.34 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.11 | | | 0.02 | | 検定値(終点側) | 長期 | 0.50 | 短期せん断 | 0.34 | 引張 | 0.00 | |
| | X９又<br>又X13又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 8.20<br>8.20 | 25.70<br>37.38 | OK<br>OK | 5.98<br>5.98 | 34.32<br>49.92 | OK<br>OK | 0.27<br>0.27 | 0.82<br>2.00 | OK<br>OK | K39<br>TH-33 | 5.98<br>4.95 | 99.00<br>21.67 | 5.98<br>4.95 | 79.20<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.32 | | | 0.17 | | | 0.33 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.08 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.22 | | | 0.12 | | | 0.14 | | 検定値(終点側) | 長期 | 0.23 | 短期せん断 | 0.16 | 引張 | 0.00 | |
| | 又X16又<br>又X17又Y３ | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.82<br>0.90 | 5.70<br>8.29 | OK<br>OK | 2.35<br>2.59 | 15.84<br>23.04 | OK<br>OK | 0.02<br>0.03 | 0.23<br>0.61 | OK<br>OK | TH-18<br>TH-18 | 2.35<br>2.06 | 8.42<br>8.42 | 2.59<br>2.25 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.15 | | | 0.11 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | 0.21 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.11 | | | 0.11 | | | 0.05 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.18 | 引張 | 0.00 | |
| | 又X16又<br>又X18又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.08<br>0.09 | 23.00<br>33.45 | OK<br>OK | 0.19<br>0.23 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.28<br>0.74 | OK<br>OK | —<br>TH-33 | —<br>0.19 | —<br>22.83 | —<br>0.23 | —<br>33.20 | —<br>— | —<br>— | — —<br>OK |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | 0.01 | 短期せん断 | 0.01 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X11又<br>又X12又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.52<br>0.52 | 4.95<br>7.20 | OK<br>OK | 2.28<br>2.28 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 2.28<br>2.28 | 4.18<br>4.18 | 2.28<br>2.28 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.10 | | | 0.17 | | | 0.06 | | 検定値(始点側) | 長期 | 0.55 | 短期せん断 | 0.37 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.12 | | | 0.02 | | 検定値(終点側) | 長期 | 0.55 | 短期せん断 | 0.37 | 引張 | 0.00 | | |
| | 又X16又<br>又X16又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.07<br>0.07 | 23.00<br>33.45 | OK<br>OK | 0.48<br>0.49 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.10<br>0.27 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X19又<br>又X19又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.34<br>0.34 | 32.12<br>46.73 | OK<br>OK | 1.49<br>1.49 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X17又<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.26 | 4.95<br>7.20 | OK<br>OK | 0.54<br>0.62 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.28<br>0.74 | OK<br>OK | TH-10<br>TH-10 | 0.54<br>0.54 | 4.18<br>4.18 | 0.62<br>0.62 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.04 | | | 0.04 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.03 | | | 0.02 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | X9又<br>又X14又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 10.68<br>10.68 | 25.70<br>37.38 | OK<br>OK | 6.38<br>6.38 | 34.32<br>49.92 | OK<br>OK | 0.42<br>0.42 | 0.91<br>2.00 | OK<br>OK | K39<br>TH-33 | 6.38<br>5.72 | 99.00<br>21.67 | 6.38<br>5.72 | 79.20<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.42 | | | 0.19 | | | 0.46 | | 検定値(始点側) | 長期 | 0.06 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.29 | | | 0.13 | | | 0.21 | | 検定値(終点側) | 長期 | 0.26 | 短期せん断 | 0.18 | 引張 | 0.00 | | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 3.69<br>3.72 | 25.70<br>37.38 | OK<br>OK | 8.68<br>8.77 | 34.32<br>49.92 | OK<br>OK | 0.01<br>0.01 | 0.23<br>0.61 | OK<br>OK | —<br>TH-33 | —<br>5.21 | —<br>21.67 | —<br>5.28 | —<br>31.52 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.14 | | | 0.25 | | | 0.04 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.18 | | | 0.02 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 0.04<br>0.04 | 23.00<br>33.45 | OK<br>OK | 0.34<br>0.35 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-33<br>— | 0.34<br>— | 21.67<br>— | 0.35<br>— | 31.52<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.02 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X14又Y3<br>又X14又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.56<br>0.56 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>— | 0.56<br>— | 4.18<br>— | 0.56<br>— | 6.08<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X18又Y3<br>又X18又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.83<br>0.83 | 4.18<br>4.18 | 0.83<br>0.83 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | 又X16又Y3<br>又X17又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.11 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.40 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.48 | OK<br>OK | TH-10<br>TH-10 | 0.35<br>0.35 | 4.18<br>4.18 | 0.40<br>0.40 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.07 | 引張 | 0.00 | | |
| | 又X12又Y3<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.53<br>0.53 | 4.95<br>7.20 | OK<br>OK | 2.32<br>2.32 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 2.32<br>2.32 | 4.18<br>4.18 | 2.32<br>2.32 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.18 | | | 0.06 | | 検定値(始点側) | 長期 | 0.55 | 短期せん断 | 0.38 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.12 | | | 0.02 | | 検定値(終点側) | 長期 | 0.55 | 短期せん断 | 0.38 | 引張 | 0.00 | | |
| | 又X14又Y3<br>又X15又Y3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.09<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.81<br>0.81 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>TH-10 | —<br>0.81 | —<br>4.18 | —<br>0.81 | —<br>6.08 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | 又X14又Y3<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.21 | 4.95<br>7.20 | OK<br>OK | 0.84<br>0.84 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.17<br>0.44 | OK<br>OK | TH-10<br>TH-10 | 0.84<br>0.84 | 4.18<br>4.18 | 0.84<br>0.84 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.06 | | | 0.03 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | 又X17又Y3<br>又X19又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.22<br>1.24 | 28.91<br>42.05 | OK<br>OK | 3.18<br>3.23 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.24<br>0.65 | OK<br>OK | —<br>TH-33 | —<br>3.02 | —<br>21.67 | —<br>3.08 | —<br>31.52 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.06 | | | 0.01 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | 又X19又Y3<br>又X20又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.34<br>0.34 | 32.12<br>46.73 | OK<br>OK | 1.49<br>1.49 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-33D | —<br>1.49 | —<br>22.83 | —<br>1.49 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.04 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X17又Y3 | 欧州赤松集成材 | G+P | 3042 | 0.02 | 32.12 | OK | 0.41 | 34.32 | OK | 0.00 | 0.03 | OK | — | | — | — | — | — | — | — | — |
| | 又X17又Y3 | 120×390 | G+P+S | 59319 | 0.02 | 46.73 | OK | 0.41 | 49.92 | OK | 0.00 | 0.09 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X15又Y3 | 欧州赤松集成材 | G+P | 450 | 0.30 | 4.95 | OK | 1.30 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.30 | 4.18 | 1.30 | 6.08 | — | — | OK |
| | 又X15又 | 120×150 | G+P+S | 3375 | 0.30 | 7.20 | OK | 1.30 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10D | | 1.30 | 4.40 | 1.30 | 6.40 | — | — | OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.10 | | | 0.04 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.07 | | | 0.01 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | | 0.20 | 引張 | 0.00 | |
| | 又X17又 | 欧州赤松集成材 | G+P | 3042 | 0.16 | 32.12 | OK | 1.03 | 34.32 | OK | 0.00 | 0.10 | OK | — | | — | — | — | — | — | — | — |
| | 又X17又Y3 | 120×390 | G+P+S | 59319 | 0.16 | 46.73 | OK | 1.05 | 49.92 | OK | 0.00 | 0.27 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X17又 | 欧州赤松集成材 | G+P | 1152 | 0.20 | 12.67 | OK | 1.02 | 21.12 | OK | 0.00 | 0.13 | OK | TH-24 | | 1.02 | 12.49 | 1.02 | 18.16 | — | — | OK |
| | 又X17又 | 120×240 | G+P+S | 13824 | 0.20 | 18.43 | OK | 1.02 | 30.72 | OK | 0.00 | 0.36 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.06 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9又 | 欧州赤松集成材 | G+P | 3042 | 13.11 | 25.70 | OK | 6.77 | 34.32 | OK | 0.61 | 1.00 | OK | K39 | | 6.77 | 99.00 | 6.77 | 79.20 | — | — | OK |
| | 又X14又Y2 | 120×390 | G+P+S | 59319 | 13.11 | 37.38 | OK | 6.77 | 49.92 | OK | 0.61 | 2.00 | OK | TH-33 | | 6.50 | 21.67 | 6.50 | 31.52 | — | — | OK |
| | | | | 検定値(長期) | | 0.51 | | | 0.20 | | | 0.62 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.35 | | | 0.14 | | | 0.31 | | 検定値(終点側) | 長期 | 0.30 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | 又X18又 | 杉 | G+P | 288 | 0.19 | 3.67 | OK | 0.83 | 6.34 | OK | 0.01 | 0.15 | OK | TH-10 | | 0.83 | 4.18 | 0.83 | 6.08 | — | — | OK |
| | 又X19又 | 120×120 | G+P+S | 1728 | 0.19 | 5.35 | OK | 0.83 | 9.22 | OK | 0.01 | 0.40 | OK | TH-10 | | 0.83 | 4.18 | 0.83 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又X16又 | 杉 | G+P | 288 | 0.19 | 3.67 | OK | 0.83 | 6.34 | OK | 0.01 | 0.15 | OK | TH-10 | | 0.83 | 4.18 | 0.83 | 6.08 | — | — | OK |
| | 又X17又 | 120×120 | G+P+S | 1728 | 0.19 | 5.35 | OK | 0.83 | 9.22 | OK | 0.01 | 0.40 | OK | TH-10 | | 0.83 | 4.18 | 0.83 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又X12又 | 欧州赤松集成材 | G+P | 450 | 0.44 | 4.95 | OK | 1.96 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.96 | 4.18 | 1.96 | 6.08 | — | — | OK |
| | 又X13又 | 120×150 | G+P+S | 3375 | 0.44 | 7.20 | OK | 1.96 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10 | | 1.96 | 4.18 | 1.96 | 6.08 | — | — | OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.15 | | | 0.05 | | 検定値(始点側) | 長期 | 0.47 | 短期せん断 | | 0.32 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.10 | | | 0.02 | | 検定値(終点側) | 長期 | 0.47 | 短期せん断 | | 0.32 | 引張 | 0.00 | |
| | 又X20又 | 欧州赤松集成材 | G+P | 1152 | 1.49 | 11.40 | OK | 4.21 | 21.12 | OK | 0.04 | 0.30 | OK | TH-24D | | 3.13 | 19.20 | 3.13 | 27.92 | — | — | OK |
| | 又X21又Y4 | 120×240 | G+P+S | 13824 | 1.49 | 16.59 | OK | 4.21 | 30.72 | OK | 0.04 | 0.81 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.13 | | | 0.20 | | | 0.12 | | 検定値(始点側) | 長期 | 0.16 | 短期せん断 | | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.09 | | | 0.14 | | | 0.04 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X13又 | 欧州赤松集成材 | G+P | 648 | 0.47 | 7.13 | OK | 2.39 | 15.84 | OK | 0.01 | 0.15 | OK | 蟻仕口120×180 | | 2.39 | 5.30 | 2.39 | 7.71 | — | — | OK |
| | 又X14又Y4 | 120×180 | G+P+S | 5832 | 0.47 | 10.37 | OK | 2.39 | 23.04 | OK | 0.01 | 0.40 | OK | TH-18 | | 1.86 | 8.42 | 1.86 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.15 | | | 0.04 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | | 0.31 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | 0.22 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | 又X17又 | 欧州赤松集成材 | G+P | 1152 | 0.72 | 10.14 | OK | 6.43 | 21.12 | OK | 0.00 | 0.17 | OK | — | | — | — | — | — | — | — | — |
| | 又X18又Y4 | 120×240 | G+P+S | 13824 | 0.72 | 14.75 | OK | 6.43 | 30.72 | OK | 0.00 | 0.45 | OK | TH-24 | | 1.86 | 12.49 | 1.86 | 18.16 | — | — | OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.30 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.21 | | | 0.01 | | 検定値(終点側) | 長期 | 0.15 | 短期せん断 | | 0.10 | 引張 | 0.00 | |
| | 又X15又 | 欧州赤松集成材 | G+P | 3042 | 3.95 | 25.70 | OK | 9.43 | 34.32 | OK | 0.01 | 0.24 | OK | TH-33 | | 5.63 | 22.83 | 7.26 | 41.50 | — | — | OK |
| | 又X17又 | 120×390 | G+P+K | 59319 | 5.58 | 46.73 | OK | 13.01 | 62.40 | OK | 0.02 | 0.65 | OK | — | | — | — | — | — | — | — | — |
| | | | | 検定値(長期) | | 0.15 | | | 0.27 | | | 0.05 | | 検定値(始点側) | 長期 | 0.25 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.12 | | | 0.21 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X17又 | 欧州赤松集成材 | G+P | 648 | 1.81 | 5.70 | OK | 2.65 | 15.84 | OK | 0.13 | 0.38 | OK | TH-18 | | 2.32 | 8.42 | 2.32 | 12.24 | — | — | OK |
| | 又X19又Y3 | 120×180 | G+P+S | 5832 | 1.81 | 8.29 | OK | 2.65 | 23.04 | OK | 0.13 | 1.01 | OK | TH-18 | | 2.65 | 8.42 | 2.65 | 12.24 | — | — | OK |
| | | | | 検定値(長期) | | 0.32 | | | 0.17 | | | 0.33 | | 検定値(始点側) | 長期 | 0.28 | 短期せん断 | | 0.19 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.22 | | | 0.12 | | | 0.12 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | 又X19又 | 欧州赤松集成材 | G+P | 2592 | 0.34 | 27.37 | OK | 1.67 | 31.68 | OK | 0.00 | 0.14 | OK | — | | — | — | — | — | — | — | — |
| | 又X20又 | 120×360 | G+P+S | 46656 | 0.34 | 39.81 | OK | 1.67 | 46.08 | OK | 0.00 | 0.36 | OK | TH-33 | | 1.67 | 22.83 | 1.67 | 33.20 | — | — | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.05 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | 又X19又 | 欧州赤松集成材 | G+P | 2178 | 8.49 | 18.40 | OK | 7.29 | 29.04 | OK | 0.52 | 0.82 | OK | TH-33 | | 6.24 | 21.67 | 6.24 | 31.52 | — | — | OK |
| | 又X22又Y5 | 120×330 | G+P+S | 35937 | 8.49 | 26.76 | OK | 7.29 | 42.24 | OK | 0.52 | 2.00 | OK | TH-33 | | 7.29 | 21.67 | 7.29 | 31.52 | — | — | OK |
| | | | | 検定値(長期) | | 0.46 | | | 0.25 | | | 0.63 | | 検定値(始点側) | 長期 | 0.29 | 短期せん断 | | 0.20 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.32 | | | 0.17 | | | 0.26 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | | 0.23 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X17又<br>又X17又Y4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.83<br>0.83 | 4.18<br>4.18 | 0.83<br>0.83 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | 又X9又<br>又X9又Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.25<br>0.25 | 32.12<br>46.73 | OK<br>OK | 1.45<br>1.45 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.30 | OK<br>OK | TH-33D<br>— | 1.45<br>— | 21.67<br>— | 1.45<br>— | 31.52<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | X9又<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 15.39<br>15.39 | 25.70<br>37.38 | OK<br>OK | 8.57<br>8.57 | 34.32<br>49.92 | OK<br>OK | 0.87<br>0.87 | 1.09<br>2.00 | OK<br>OK | K39<br>TH-33 | 8.57<br>7.33 | 99.00<br>22.83 | 8.57<br>7.33 | 79.20<br>33.20 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.60 | | | 0.25 | | | 0.80 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.11 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.41 | | | 0.17 | | | 0.44 | | 検定値(終点側) | 長期 | 0.32 | 短期せん断 | 0.22 | 引張 | 0.00 | |
| | 又X14又<br>又X15又Y4 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.83<br>0.83 | 4.18<br>4.18 | 0.83<br>0.83 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | 又X18又<br>又X21又Y5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 9.56<br>9.56 | 18.40<br>26.76 | OK<br>OK | 9.71<br>9.71 | 29.04<br>42.24 | OK<br>OK | 0.63<br>0.63 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 6.70<br>9.71 | 21.67<br>21.67 | 6.70<br>9.71 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.52 | | | 0.33 | | | 0.76 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.36 | | | 0.23 | | | 0.31 | | 検定値(終点側) | 長期 | 0.45 | 短期せん断 | 0.31 | 引張 | 0.00 | |
| | 又X14又Y4<br>又X15又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 3.32<br>3.32 | 10.14<br>14.75 | OK<br>OK | 4.30<br>4.30 | 21.12<br>30.72 | OK<br>OK | 0.06<br>0.06 | 0.30<br>0.81 | OK<br>OK | TH-24<br>TH-24 | 4.30<br>4.30 | 12.49<br>12.49 | 4.30<br>4.30 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.33 | | | 0.20 | | | 0.19 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.24 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.22 | | | 0.14 | | | 0.07 | | 検定値(終点側) | 長期 | 0.34 | 短期せん断 | 0.24 | 引張 | 0.00 | |
| | 又X14又Y4<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.87<br>0.87 | 28.91<br>42.05 | OK<br>OK | 2.65<br>2.65 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.21<br>0.57 | OK<br>OK | —<br>TH-33 | —<br>2.40 | —<br>22.83 | —<br>2.40 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.08 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | 0.07 | 引張 | 0.00 | |
| | 又X12又Y4<br>又X12又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.50<br>0.50 | 7.13<br>10.37 | OK<br>OK | 2.32<br>2.32 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | 蟻仕口120×180<br>TH-18 | 2.32<br>2.07 | 5.30<br>8.42 | 2.32<br>2.07 | 7.71<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.15 | | | 0.04 | | 検定値(始点側) | 長期 | 0.44 | 短期せん断 | 0.30 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | |
| | 又X18又Y4<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 3.79<br>4.08 | 21.90<br>31.85 | OK<br>OK | 13.47<br>14.17 | 31.68<br>46.08 | OK<br>OK | 0.02<br>0.02 | 0.24<br>0.65 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.17 | | | 0.43 | | | 0.07 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.13 | | | 0.31 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | 又X9又Y4<br>又X10又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 1.76<br>1.76 | 28.91<br>42.05 | OK<br>OK | 8.14<br>8.14 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.51 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.06 | | | 0.24 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.04 | | | 0.16 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | 又X17又Y4<br>又X20又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 6.37<br>6.37 | 18.40<br>26.76 | OK<br>OK | 5.48<br>5.48 | 29.04<br>42.24 | OK<br>OK | 0.39<br>0.39 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 4.69<br>5.48 | 21.67<br>21.67 | 4.69<br>5.48 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.35 | | | 0.19 | | | 0.47 | | 検定値(始点側) | 長期 | 0.22 | 短期せん断 | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.24 | | | 0.13 | | | 0.20 | | 検定値(終点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | |
| | 又X13又Y4<br>又X14又Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 0.97<br>3.18 | 28.91<br>52.57 | OK<br>OK | 8.59<br>29.57 | 34.32<br>62.40 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33<br>— | 2.54<br>— | 22.83<br>— | 5.58<br>— | 41.50<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.25 | | | 0.01 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | 0.13 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.47 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | 又X9又Y4<br>又X15又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 14.72<br>14.72 | 25.70<br>37.38 | OK<br>OK | 7.11<br>7.11 | 34.32<br>49.92 | OK<br>OK | 0.79<br>0.79 | 1.06<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 7.05<br>7.11 | 21.67<br>21.67 | 7.05<br>7.11 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.57 | | | 0.21 | | | 0.74 | | 検定値(始点側) | 長期 | 0.33 | 短期せん断 | 0.22 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.39 | | | 0.14 | | | 0.39 | | 検定値(終点側) | 長期 | 0.33 | 短期せん断 | 0.23 | 引張 | 0.00 | |
| | 又X15又Y4<br>又X15又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.83<br>0.83 | 4.18<br>4.18 | 0.83<br>0.83 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | |
| | 又X21又Y4<br>又X21又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.34<br>0.34 | 12.67<br>18.43 | OK<br>OK | 1.51<br>1.51 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X17又Y4<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 10.13<br>20.48 | 21.90<br>39.81 | OK<br>OK | 9.09<br>16.98 | 31.68<br>57.60 | OK<br>OK | 0.50<br>1.00 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33D | 4.91<br>9.09 | 21.67<br>22.83 | 7.75<br>16.98 | 39.40<br>41.50 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.46 | | | 0.29 | | | 0.60 | | 検定値(始点側) | 長期 | 0.23 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.51 | | | 0.29 | | | 0.50 | | 検定値(終点側) | 長期 | 0.40 | 短期せん断 | 0.41 | 引張 | 0.00 | | |
| | 又X13又Y4<br>又X13又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.83<br>0.83 | 4.18<br>4.18 | 0.83<br>0.83 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | 又X15又Y4<br>又X17又 | 欧州赤松集成材<br>120×210 | G+P<br>G+P+S | 882<br>9261 | 2.11<br>2.11 | 7.76<br>11.29 | OK<br>OK | 3.65<br>3.65 | 18.48<br>26.88 | OK<br>OK | 0.15<br>0.15 | 0.46<br>1.21 | OK<br>OK | TH-18<br>TH-18 | 3.65<br>3.64 | 8.42<br>8.42 | 3.65<br>3.64 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.27 | | | 0.20 | | | 0.34 | | 検定値(始点側) | 長期 | 0.43 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.19 | | | 0.14 | | | 0.13 | | 検定値(終点側) | 長期 | 0.43 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | 又X16又Y4<br>又X18又Y5 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 7.46<br>20.86 | 17.82<br>32.40 | OK<br>OK | 6.08<br>14.73 | 26.40<br>48.00 | OK<br>OK | 0.33<br>0.90 | 0.61<br>1.62 | OK<br>OK | TH-18D<br>TH-18 | 6.08<br>5.31 | 13.37<br>8.42 | 14.73<br>11.72 | 24.30<br>15.30 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.42 | | | 0.23 | | | 0.54 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | 0.61 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.64 | | | 0.31 | | | 0.56 | | 検定値(終点側) | 長期 | 0.63 | 短期せん断 | 0.77 | 引張 | 0.00 | | |
| | 又X16又Y4<br>又X18又Y4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 3.28<br>3.99 | 21.90<br>39.81 | OK<br>OK | 7.98<br>8.93 | 31.68<br>57.60 | OK<br>OK | 0.01<br>0.02 | 0.23<br>0.61 | OK<br>OK | TH-33<br>— | 7.76<br>— | 22.83<br>— | 9.65<br>— | 41.50<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.15 | | | 0.25 | | | 0.06 | | 検定値(始点側) | 長期 | 0.34 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.15 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X12又<br>又X13又Y4 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.53<br>0.53 | 28.91<br>42.05 | OK<br>OK | 1.96<br>1.96 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-33 | —<br>1.90 | —<br>22.83 | —<br>1.90 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | 又X20又<br>又X21又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.47<br>1.47 | 4.18<br>4.18 | 1.47<br>1.47 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | 又X16又<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 9.16<br>19.50 | 24.63<br>44.79 | OK<br>OK | 8.04<br>15.94 | 31.68<br>57.60 | OK<br>OK | 0.38<br>0.83 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 3.87<br>8.04 | 21.67<br>21.67 | 6.71<br>15.94 | 39.40<br>39.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.37 | | | 0.25 | | | 0.46 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.44 | | | 0.28 | | | 0.41 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.40 | 引張 | 0.00 | | |
| | 又X12又<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 4.19<br>4.19 | 10.14<br>14.75 | OK<br>OK | 5.60<br>5.60 | 21.12<br>30.72 | OK<br>OK | 0.07<br>0.07 | 0.30<br>0.81 | OK<br>OK | TH-24<br>TH-24D | 5.60<br>5.60 | 12.49<br>19.20 | 5.60<br>5.60 | 18.16<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.41 | | | 0.27 | | | 0.24 | | 検定値(始点側) | 長期 | 0.45 | 短期せん断 | 0.31 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.28 | | | 0.18 | | | 0.09 | | 検定値(終点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | 又X10又<br>又X16又Y3 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 18.78<br>18.78 | 28.27<br>41.12 | OK<br>OK | 10.07<br>10.07 | 34.32<br>49.92 | OK<br>OK | 1.03<br>1.03 | 1.06<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 9.13<br>10.07 | 21.67<br>21.67 | 9.13<br>10.07 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.66 | | | 0.29 | | | 0.97 | | 検定値(始点側) | 長期 | 0.42 | 短期せん断 | 0.29 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.46 | | | 0.20 | | | 0.51 | | 検定値(終点側) | 長期 | 0.46 | 短期せん断 | 0.32 | 引張 | 0.00 | | |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+S | 3042<br>59319 | 0.37<br>0.37 | 32.12<br>46.73 | OK<br>OK | 1.63<br>1.63 | 34.32<br>49.92 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>TH-33 | —<br>1.63 | —<br>21.67 | —<br>1.63 | —<br>31.52 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.05 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | 又X15又<br>又X18又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 4.42<br>4.42 | 20.70<br>30.11 | OK<br>OK | 4.17<br>4.17 | 29.04<br>42.24 | OK<br>OK | 0.23<br>0.23 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 4.17<br>3.14 | 21.67<br>21.67 | 4.17<br>3.14 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.21 | | | 0.14 | | | 0.28 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.15 | | | 0.10 | | | 0.12 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | 又X19又<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.47<br>1.47 | 4.18<br>4.18 | 1.47<br>1.47 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | 又X21又<br>又X22又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.37<br>0.37 | 12.67<br>18.43 | OK<br>OK | 1.64<br>1.64 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.08 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X13又<br>又X14又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.19<br>0.19 | 3.67<br>5.35 | OK<br>OK | 0.83<br>0.83 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.83<br>0.83 | 4.18<br>4.18 | 0.83<br>0.83 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.13 | | | 0.05 | | 検定値(始点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 3.64<br>3.78 | 21.90<br>31.85 | OK<br>OK | 10.90<br>12.17 | 31.68<br>46.08 | OK<br>OK | 0.01<br>0.02 | 0.23<br>0.61 | OK<br>OK | —<br>TH-33 | —<br>8.50 | —<br>22.83 | —<br>8.94 | —<br>33.20 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.17 | | | 0.34 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.26 | | | 0.03 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | 又X15又<br>又X17又 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 6.65<br>6.65 | 18.40<br>26.76 | OK<br>OK | 6.53<br>6.53 | 29.04<br>42.24 | OK<br>OK | 0.39<br>0.39 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 6.53<br>4.45 | 21.67<br>21.67 | 6.53<br>4.45 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.36 | | | 0.22 | | | 0.48 | | 検定値(始点側) | 長期 | 0.30 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.25 | | | 0.15 | | | 0.20 | | 検定値(終点側) | 長期 | 0.21 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.33<br>0.33 | 4.95<br>7.20 | OK<br>OK | 1.47<br>1.47 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.47<br>1.47 | 4.18<br>4.18 | 1.47<br>1.47 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | 又X12又<br>又X15又Y4 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.81<br>1.81 | 5.70<br>8.29 | OK<br>OK | 2.65<br>2.65 | 15.84<br>23.04 | OK<br>OK | 0.13<br>0.13 | 0.38<br>1.01 | OK<br>OK | TH-18<br>TH-18 | 2.65<br>2.32 | 8.42<br>8.42 | 2.65<br>2.32 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.32 | | | 0.17 | | | 0.33 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.22 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.22 | | | 0.12 | | | 0.12 | | 検定値(終点側) | 長期 | 0.28 | 短期せん断 | 0.19 | 引張 | 0.00 | | |
| | 又X10又<br>又X11又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.32<br>0.32 | 3.67<br>5.35 | OK<br>OK | 1.39<br>1.39 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.39<br>1.39 | 4.18<br>4.18 | 1.39<br>1.39 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.22 | | | 0.08 | | 検定値(始点側) | 長期 | 0.33 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.15 | | | 0.03 | | 検定値(終点側) | 長期 | 0.33 | 短期せん断 | 0.23 | 引張 | 0.00 | | |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 4.32<br>5.53 | 25.70<br>46.73 | OK<br>OK | 16.94<br>30.12 | 34.32<br>62.40 | OK<br>OK | 0.04<br>0.05 | 0.38<br>1.01 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.17 | | | 0.49 | | | 0.10 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.48 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X18又<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.08<br>0.08 | 4.95<br>7.20 | OK<br>OK | 0.74<br>0.74 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-10<br>TH-10 | 0.74<br>0.74 | 4.18<br>4.18 | 0.74<br>0.74 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.00 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | 又X22又<br>又又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 1.47<br>3.50 | 11.40<br>20.74 | OK<br>OK | 4.26<br>9.66 | 21.12<br>38.40 | OK<br>OK | 0.02<br>0.04 | 0.22<br>0.58 | OK<br>OK | —<br>TH-24D | —<br>3.12 | —<br>19.20 | —<br>5.49 | —<br>34.90 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.20 | | | 0.08 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.17 | | | 0.25 | | | 0.07 | | 検定値(終点側) | 長期 | 0.16 | 短期せん断 | 0.16 | 引張 | 0.00 | | |
| | 又X14又<br>又X16又Y6 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937 | 7.39<br>7.39 | 18.40<br>26.76 | OK<br>OK | 6.91<br>6.91 | 29.04<br>42.24 | OK<br>OK | 0.47<br>0.47 | 0.82<br>2.00 | OK<br>OK | TH-33<br>TH-33 | 6.73<br>6.91 | 21.67<br>21.67 | 6.73<br>6.91 | 31.52<br>31.52 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.40 | | | 0.24 | | | 0.57 | | 検定値(始点側) | 長期 | 0.31 | 短期せん断 | 0.21 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.28 | | | 0.16 | | | 0.23 | | 検定値(終点側) | 長期 | 0.32 | 短期せん断 | 0.22 | 引張 | 0.00 | | |
| | 又X17又<br>又X18又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.07<br>0.07 | 7.13<br>10.37 | OK<br>OK | 0.66<br>0.66 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-18<br>TH-18 | 0.66<br>0.66 | 8.42<br>8.42 | 0.66<br>0.66 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.81<br>1.81 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.81<br>1.81 | 4.18<br>4.18 | 1.81<br>1.81 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.14 | | | 0.05 | | 検定値(始点側) | 長期 | 0.43 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.43 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | 又X13又<br>又X13又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.08<br>0.08 | 19.80<br>28.80 | OK<br>OK | 0.69<br>0.69 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | TH-24D<br>— | 0.69<br>— | 19.20<br>— | 0.69<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 7.44<br>7.44 | 21.90<br>31.85 | OK<br>OK | 12.14<br>12.14 | 31.68<br>46.08 | OK<br>OK | 0.07<br>0.07 | 0.38<br>1.01 | OK<br>OK | TH-33<br>— | 9.73<br>— | 22.83<br>— | 9.73<br>— | 33.20<br>— | 3.89<br>— | 40.30<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.34 | | | 0.38 | | | 0.19 | | 検定値(始点側) | 長期 | 0.43 | 短期せん断 | 0.29 | 引張 | 0.10 | | |
| | | | | 検定値(短期) | | 0.23 | | | 0.26 | | | 0.07 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X９又<br>又X10又 | 欧州赤松集成材<br>120×390 | G+P<br>G+P+K | 3042<br>59319 | 1.34<br>2.73 | 32.12<br>58.41 | OK<br>OK | 6.68<br>20.25 | 34.32<br>62.40 | OK<br>OK | 0.00<br>0.01 | 0.23<br>0.61 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.19 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.32 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X11又<br>又X11又 | 杉<br>120×120 | G+P<br>G+P+S | 288<br>1728 | 0.34<br>0.34 | 3.67<br>5.35 | OK<br>OK | 1.48<br>1.48 | 6.34<br>9.22 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 1.48<br>1.48 | 4.18<br>4.18 | 1.48<br>1.48 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.23 | | | 0.09 | | 検定値(始点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.16 | | | 0.03 | | 検定値(終点側) | 長期 | 0.35 | 短期せん断 | 0.24 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | X９又 | 欧州赤松集成材 | G+P | 3042 | 0.04 | 32.12 | OK | 0.48 | 34.32 | OK | 0.00 | 0.06 | OK | K39 | | 0.48 | 99.00 | 0.48 | 79.20 | － | － | OK |
| | 又X９又 | 120×390 | G+P+S | 59319 | 0.04 | 46.73 | OK | 0.48 | 49.92 | OK | 0.00 | 0.16 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | 0.01 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.01 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | 又X21又 | 欧州赤松集成材 | G+P | 450 | 0.37 | 4.95 | OK | 1.61 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.61 | 4.18 | 1.61 | 6.08 | － | － | OK |
| | 又X22又 | 120×150 | G+P+S | 3375 | 0.37 | 7.20 | OK | 1.61 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10 | | 1.61 | 4.18 | 1.61 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | 又X13又 | 欧州赤松集成材 | G+P | 1800 | 0.14 | 19.80 | OK | 0.96 | 26.40 | OK | 0.00 | 0.10 | OK | － | | － | － | － | － | － | － | － |
| | 又X13又 | 120×300 | G+P+S | 27000 | 0.14 | 28.80 | OK | 0.96 | 38.40 | OK | 0.00 | 0.26 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | 又X14又 | 欧州赤松集成材 | G+P | 450 | 0.41 | 4.95 | OK | 1.81 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.81 | 4.18 | 1.81 | 6.08 | － | － | OK |
| | 又X15又 | 120×150 | G+P+S | 3375 | 0.41 | 7.20 | OK | 1.81 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10 | | 1.81 | 4.18 | 1.81 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.08 | | | 0.14 | | | 0.05 | | 検定値(始点側) | 長期 | 0.43 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | 0.43 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | 又X12又 | 欧州赤松集成材 | G+P | 1152 | 0.44 | 12.67 | OK | 1.68 | 21.12 | OK | 0.00 | 0.18 | OK | － | | － | － | － | － | － | － | － |
| | 又X13又 | 120×240 | G+P+S | 13824 | 0.44 | 18.43 | OK | 1.68 | 30.72 | OK | 0.00 | 0.47 | OK | TH-24 | | 1.68 | 19.20 | 1.68 | 27.92 | － | － | OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.08 | | | 0.02 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.06 | 引張 | 0.00 | | |
| | 又X20又 | 欧州赤松集成材 | G+P | 450 | 0.37 | 4.95 | OK | 1.61 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.61 | 4.18 | 1.61 | 6.08 | － | － | OK |
| | 又X21又 | 120×150 | G+P+S | 3375 | 0.37 | 7.20 | OK | 1.61 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10 | | 1.61 | 4.18 | 1.61 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | 又X13又 | 欧州赤松集成材 | G+P | 450 | 0.34 | 4.95 | OK | 1.51 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.51 | 4.18 | 1.51 | 6.08 | － | － | OK |
| | 又X14又 | 120×150 | G+P+S | 3375 | 0.34 | 7.20 | OK | 1.51 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10 | | 1.51 | 4.18 | 1.51 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.11 | | | 0.04 | | 検定値(始点側) | 長期 | 0.36 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.01 | | 検定値(終点側) | 長期 | 0.36 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | 又X13又 | 欧州赤松集成材 | G+P | 1800 | 0.08 | 19.80 | OK | 0.66 | 26.40 | OK | 0.00 | 0.08 | OK | － | | － | － | － | － | － | － | － |
| | 又X14又Y５ | 120×300 | G+P+S | 27000 | 0.08 | 28.80 | OK | 0.66 | 38.40 | OK | 0.00 | 0.22 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | 又X19又Y５ | 欧州赤松集成材 | G+P | 450 | 0.37 | 4.95 | OK | 1.61 | 13.20 | OK | 0.01 | 0.15 | OK | TH-10 | | 1.61 | 4.18 | 1.61 | 6.08 | － | － | OK |
| | 又X20又 | 120×150 | G+P+S | 3375 | 0.37 | 7.20 | OK | 1.61 | 19.20 | OK | 0.01 | 0.40 | OK | TH-10 | | 1.61 | 4.18 | 1.61 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.12 | | | 0.05 | | 検定値(始点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.08 | | | 0.02 | | 検定値(終点側) | 長期 | 0.39 | 短期せん断 | 0.27 | 引張 | 0.00 | | |
| | X９又Y５ | 欧州赤松集成材 | G+P | 1152 | 5.79 | 10.14 | OK | 4.57 | 21.12 | OK | 0.54 | 0.68 | OK | BAP-240/60L | | 4.20 | 14.63 | 4.20 | 21.28 | － | － | OK |
| | 又X12又 | 120×240 | G+P+S | 13824 | 5.79 | 14.75 | OK | 4.57 | 30.72 | OK | 0.54 | 1.81 | OK | TH-24 | | 4.57 | 12.49 | 4.57 | 18.16 | － | － | OK |
| | | | | 検定値(長期) | | 0.57 | | | 0.22 | | | 0.80 | | 検定値(始点側) | 長期 | 0.29 | 短期せん断 | 0.20 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.39 | | | 0.15 | | | 0.30 | | 検定値(終点側) | 長期 | 0.37 | 短期せん断 | 0.25 | 引張 | 0.00 | | |
| | 又X21又Y５ | 欧州赤松集成材 | G+P | 2592 | 2.88 | 24.63 | OK | 7.06 | 31.68 | OK | 0.01 | 0.23 | OK | － | | － | － | － | － | － | － | － |
| | 又又 | 120×360 | G+P+S | 46656 | 2.88 | 35.83 | OK | 7.06 | 46.08 | OK | 0.01 | 0.61 | OK | TH-33 | | 4.64 | 22.83 | 4.64 | 33.20 | － | － | OK |
| | | | | 検定値(長期) | | 0.12 | | | 0.22 | | | 0.04 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.15 | | | 0.01 | | 検定値(終点側) | 長期 | 0.20 | 短期せん断 | 0.14 | 引張 | 0.00 | | |
| | 又X18又Y５ | 欧州赤松集成材 | G+P | 450 | 0.03 | 4.95 | OK | 0.33 | 13.20 | OK | 0.00 | 0.07 | OK | TH-10 | | 0.33 | 4.18 | 0.33 | 6.08 | － | － | OK |
| | 又X19又Y５ | 120×150 | G+P+S | 3375 | 0.03 | 7.20 | OK | 0.33 | 19.20 | OK | 0.00 | 0.18 | OK | TH-10 | | 0.33 | 4.18 | 0.33 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | 又X14又Y５ | 欧州赤松集成材 | G+P | 1800 | 0.43 | 19.80 | OK | 1.70 | 26.40 | OK | 0.00 | 0.17 | OK | － | | － | － | － | － | － | － | － |
| | 又X14又 | 120×300 | G+P+S | 27000 | 0.43 | 28.80 | OK | 1.70 | 38.40 | OK | 0.00 | 0.45 | OK | － | | － | － | － | － | － | － | － |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | － | 短期せん断 | － | 引張 | － | | |
| | 又X19又Y５ | 欧州赤松集成材 | G+P | 450 | 0.09 | 4.95 | OK | 0.81 | 13.20 | OK | 0.00 | 0.08 | OK | TH-10 | | 0.81 | 4.18 | 0.81 | 6.08 | － | － | OK |
| | 又X19又Y５ | 120×150 | G+P+S | 3375 | 0.09 | 7.20 | OK | 0.81 | 19.20 | OK | 0.00 | 0.20 | OK | TH-10 | | 0.81 | 4.18 | 0.81 | 6.08 | － | － | OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.06 | | | 0.01 | | 検定値(始点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | 0.19 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | 又X18又Y５ | 欧州赤松集成材 | G+P | 1800 | 2.57 | 15.84 | OK | 6.39 | 26.40 | OK | 0.01 | 0.15 | OK | TH-24 | | 6.39 | 12.49 | 17.12 | 22.70 | － | － | OK |
| | 又X19又Y５ | 120×300 | G+P+K | 27000 | 7.46 | 28.80 | OK | 17.12 | 48.00 | OK | 0.02 | 0.40 | OK | TH-24 | | 6.09 | 12.49 | 16.83 | 22.70 | － | － | OK |
| | | | | 検定値(長期) | | 0.16 | | | 0.24 | | | 0.05 | | 検定値(始点側) | 長期 | 0.51 | 短期せん断 | 0.75 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.36 | | | 0.05 | | 検定値(終点側) | 長期 | 0.49 | 短期せん断 | 0.74 | 引張 | 0.00 | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X19又Y5<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.17 | 4.95<br>7.20 | OK<br>OK | 0.74<br>0.74 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-10<br>TH-10 | 0.74<br>0.74 | 4.18<br>4.18 | 0.74<br>0.74 | 6.08<br>6.08 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.06 | | | 0.02 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.18 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | X10又Y5<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.90<br>0.90 | 4.46<br>6.48 | OK<br>OK | 2.86<br>2.86 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.03 | 0.18<br>0.49 | OK<br>OK | TH-10<br>— | 2.84<br>— | 4.18<br>— | 2.84<br>— | 6.08<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.20 | | | 0.22 | | | 0.15 | | 検定値(始点側) | 長期 | 0.68 | 短期せん断 | 0.47 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.14 | | | 0.15 | | | 0.06 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X10又Y5<br>又X12又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+K | 1152<br>13824 | 4.54<br>12.54 | 11.40<br>20.74 | OK<br>OK | 7.07<br>17.47 | 21.12<br>38.40 | OK<br>OK | 0.19<br>0.49 | 0.41<br>1.11 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.40 | | | 0.33 | | | 0.45 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.60 | | | 0.46 | | | 0.44 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X20又Y5<br>又X21又Y5 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 3.43<br>5.48 | 24.63<br>44.79 | OK<br>OK | 8.28<br>12.79 | 31.68<br>57.60 | OK<br>OK | 0.00<br>0.01 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.14 | | | 0.26 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.12 | | | 0.22 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X18又<br>又X19又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+K | 648<br>5832 | 0.72<br>2.69 | 5.70<br>10.37 | OK<br>OK | 2.03<br>6.36 | 15.84<br>28.80 | OK<br>OK | 0.01<br>0.04 | 0.15<br>0.40 | OK<br>OK | TH-18<br>TH-18 | 1.82<br>2.03 | 8.42<br>8.42 | 6.16<br>6.36 | 15.30<br>15.30 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.13 | | | 0.06 | | 検定値(始点側) | 長期 | 0.22 | 短期せん断 | 0.40 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.26 | | | 0.22 | | | 0.09 | | 検定値(終点側) | 長期 | 0.24 | 短期せん断 | 0.42 | 引張 | 0.00 | | |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.13<br>0.13 | 19.80<br>28.80 | OK<br>OK | 0.96<br>0.96 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.24 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X19又<br>又X20又Y5 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 1.58<br>1.58 | 24.63<br>35.83 | OK<br>OK | 4.21<br>4.21 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33<br>— | 4.21<br>— | 22.83<br>— | 4.21<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.06 | | | 0.13 | | | 0.01 | | 検定値(始点側) | 長期 | 0.18 | 短期せん断 | 0.13 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.09 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9又<br>X10又Y5 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.13<br>0.13 | 11.40<br>16.59 | OK<br>OK | 2.52<br>2.52 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.18<br>0.47 | OK<br>OK | BAP-240/60L<br>— | 0.49<br>— | 14.63<br>— | 0.49<br>— | 21.28<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.12 | | | 0.01 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | 0.02 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.08 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X15又<br>又X16又Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+K | 1800<br>27000 | 5.10<br>11.62 | 15.84<br>28.80 | OK<br>OK | 8.51<br>17.06 | 26.40<br>48.00 | OK<br>OK | 0.06<br>0.14 | 0.31<br>0.82 | OK<br>OK | —<br>TH-24D | —<br>8.51 | —<br>19.20 | —<br>17.06 | —<br>34.90 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.32 | | | 0.32 | | | 0.19 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.40 | | | 0.36 | | | 0.17 | | 検定値(終点側) | 長期 | 0.44 | 短期せん断 | 0.49 | 引張 | 0.00 | | |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.30<br>0.30 | 4.46<br>6.48 | OK<br>OK | 1.92<br>1.92 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>TH-10D | —<br>1.92 | —<br>4.40 | —<br>1.92 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.15 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.10 | | | 0.01 | | 検定値(終点側) | 長期 | 0.44 | 短期せん断 | 0.30 | 引張 | 0.00 | | |
| | X9又<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.35<br>0.35 | 7.13<br>10.37 | OK<br>OK | 1.06<br>1.06 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.22<br>0.58 | OK<br>OK | BAP-180/60L<br>TH-18 | 1.06<br>1.06 | 8.58<br>8.42 | 1.06<br>1.06 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.04 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.08 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.09 | 引張 | 0.00 | | |
| | 又X10又<br>又X11又Y6 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 2.33<br>2.33 | 17.82<br>25.92 | OK<br>OK | 4.82<br>4.82 | 26.40<br>38.40 | OK<br>OK | 0.02<br>0.02 | 0.26<br>0.69 | OK<br>OK | TH-24D<br>— | 4.80<br>— | 19.20<br>— | 4.80<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.13 | | | 0.18 | | | 0.06 | | 検定値(始点側) | 長期 | 0.25 | 短期せん断 | 0.17 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.09 | | | 0.13 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.47<br>0.47 | 7.13<br>10.37 | OK<br>OK | 0.95<br>0.95 | 15.84<br>23.04 | OK<br>OK | 0.03<br>0.03 | 0.33<br>0.89 | OK<br>OK | TH-18<br>TH-18 | 0.95<br>0.95 | 13.37<br>13.37 | 0.95<br>0.95 | 19.44<br>19.44 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.06 | | | 0.10 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.04 | | 検定値(終点側) | 長期 | 0.07 | 短期せん断 | 0.05 | 引張 | 0.00 | | |
| | 又X18又<br>又X19又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+K | 2592<br>46656 | 7.32<br>16.60 | 24.63<br>44.79 | OK<br>OK | 11.41<br>33.47 | 31.68<br>57.60 | OK<br>OK | 0.05<br>0.12 | 0.30<br>0.81 | OK<br>OK | —<br>TH-33 | —<br>11.41 | —<br>22.83 | —<br>33.47 | —<br>41.50 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.30 | | | 0.36 | | | 0.15 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.37 | | | 0.58 | | | 0.14 | | 検定値(終点側) | 長期 | 0.50 | 短期せん断 | 0.81 | 引張 | 0.00 | | |
| | 又X17又<br>又X18又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.14<br>0.14 | 27.37<br>39.81 | OK<br>OK | 1.30<br>1.30 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.20 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.00 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.46<br>0.46 | 7.13<br>10.37 | OK<br>OK | 2.42<br>2.42 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | TH-18<br>蟻仕口120×180 | 1.95<br>2.42 | 8.42<br>5.30 | 1.95<br>2.42 | 12.24<br>7.71 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.07<br>0.04 | | | | 0.15<br>0.10 | | | 0.03<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.23<br>0.46 | 短期せん断<br>短期せん断 | 0.16<br>0.31 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X16又Y6<br>又X17又 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.58<br>0.58 | 27.37<br>39.81 | OK<br>OK | 2.56<br>2.56 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | | | | 0.08<br>0.06 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>— | 短期せん断<br>短期せん断 | —<br>— | 引張<br>引張 | —<br>— | | |
| | X9又Y6<br>又X10又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.88<br>0.88 | 7.13<br>10.37 | OK<br>OK | 1.91<br>1.91 | 15.84<br>23.04 | OK<br>OK | 0.04<br>0.04 | 0.31<br>0.82 | OK<br>OK | BAP-180/60L<br>TH-18 | 1.91<br>1.91 | 8.58<br>8.42 | 1.91<br>1.91 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.12<br>0.08 | | | | 0.12<br>0.08 | | | 0.13<br>0.05 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.22<br>0.23 | 短期せん断<br>短期せん断 | 0.15<br>0.16 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X16又Y6<br>又X16又Y6 | 欧州赤松集成材<br>120×360 | G+P<br>G+P+S | 2592<br>46656 | 0.48<br>0.51 | 27.37<br>39.81 | OK<br>OK | 3.58<br>3.92 | 31.68<br>46.08 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-33<br>— | 1.76<br>— | 22.83<br>— | 1.80<br>— | 33.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | | | | 0.11<br>0.09 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.08<br>— | 短期せん断<br>短期せん断 | 0.05<br>— | 引張<br>引張 | 0.00<br>— | | |
| | 又X11又Y6<br>又X15又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 5.44<br>6.26 | 19.80<br>28.80 | OK<br>OK | 4.71<br>5.19 | 26.40<br>38.40 | OK<br>OK | 0.20<br>0.23 | 0.59<br>1.57 | OK<br>OK | TH-24<br>TH-24 | 4.71<br>4.63 | 12.49<br>12.49 | 5.19<br>5.08 | 18.16<br>18.16 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.27<br>0.22 | | | | 0.18<br>0.14 | | | 0.35<br>0.15 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.38<br>0.37 | 短期せん断<br>短期せん断 | 0.29<br>0.28 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X11又Y6<br>又X11又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 0.27<br>0.27 | 17.82<br>25.92 | OK<br>OK | 3.35<br>3.35 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00 | 0.06<br>0.16 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.01 | | | | 0.13<br>0.09 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>— | 短期せん断<br>短期せん断 | —<br>— | 引張<br>引張 | —<br>— | | |
| | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000 | 4.48<br>4.48 | 15.84<br>23.04 | OK<br>OK | 9.87<br>9.87 | 26.40<br>38.40 | OK<br>OK | 0.03<br>0.03 | 0.25<br>0.67 | OK<br>OK | —<br>TH-24D | —<br>9.02 | —<br>19.20 | —<br>9.02 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.28<br>0.19 | | | | 0.37<br>0.26 | | | 0.13<br>0.05 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.47 | 短期せん断<br>短期せん断 | —<br>0.32 | 引張<br>引張 | —<br>0.00 | | |
| | 又X11又<br>又X15又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.25<br>1.25 | 7.13<br>10.37 | OK<br>OK | 1.41<br>1.41 | 15.84<br>23.04 | OK<br>OK | 0.18<br>0.18 | 0.59<br>1.57 | OK<br>OK | TH-18<br>TH-18 | 1.41<br>1.41 | 8.42<br>8.42 | 1.41<br>1.41 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.17<br>0.12 | | | | 0.09<br>0.06 | | | 0.31<br>0.12 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.17<br>0.17 | 短期せん断<br>短期せん断 | 0.12<br>0.12 | 引張<br>引張 | 0.00<br>0.00 | | |
| | X9又<br>又X11又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.46<br>1.46 | 7.13<br>10.37 | OK<br>OK | 2.47<br>2.47 | 15.84<br>23.04 | OK<br>OK | 0.11<br>0.11 | 0.39<br>1.05 | OK<br>OK | BAP-180/60L<br>TH-18 | 2.47<br>2.47 | 8.58<br>8.42 | 2.47<br>2.47 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.20<br>0.14 | | | | 0.16<br>0.11 | | | 0.27<br>0.10 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.29<br>0.29 | 短期せん断<br>短期せん断 | 0.20<br>0.20 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X14又<br>又X16又Y6 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.33<br>1.33 | 12.67<br>18.43 | OK<br>OK | 2.91<br>2.91 | 21.12<br>30.72 | OK<br>OK | 0.03<br>0.03 | 0.30<br>0.81 | OK<br>OK | —<br>TH-24 | —<br>2.91 | —<br>19.20 | —<br>2.91 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.10<br>0.07 | | | | 0.14<br>0.09 | | | 0.10<br>0.04 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.15 | 短期せん断<br>短期せん断 | —<br>0.10 | 引張<br>引張 | —<br>0.00 | | |
| | 又X12又<br>又X15又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 1.88<br>1.88 | 7.13<br>10.37 | OK<br>OK | 2.12<br>2.12 | 15.84<br>23.04 | OK<br>OK | 0.28<br>0.28 | 0.59<br>1.57 | OK<br>OK | TH-18<br>TH-18 | 2.12<br>2.12 | 8.42<br>8.42 | 2.12<br>2.12 | 12.24<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.26<br>0.18 | | | | 0.13<br>0.09 | | | 0.47<br>0.17 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.25<br>0.25 | 短期せん断<br>短期せん断 | 0.17<br>0.17 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X13又<br>又X14又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.12<br>0.12 | 12.67<br>18.43 | OK<br>OK | 0.92<br>0.92 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.08<br>0.23 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | | 0.04<br>0.03 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>— | 短期せん断<br>短期せん断 | —<br>— | 引張<br>引張 | —<br>— | | |
| | 又X13又Y7<br>又X13又 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.04<br>0.04 | 12.67<br>18.43 | OK<br>OK | 0.50<br>0.50 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.05<br>0.13 | OK<br>OK | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | — |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | | 0.02<br>0.02 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>— | 短期せん断<br>短期せん断 | —<br>— | 引張<br>引張 | —<br>— | | |
| | X9又Y7<br>又X11又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.18<br>2.18 | 7.13<br>10.37 | OK<br>OK | 3.02<br>3.02 | 15.84<br>23.04 | OK<br>OK | 0.24<br>0.24 | 0.48<br>1.28 | OK<br>OK | BAP-180/60L<br>TH-18 | 3.02<br>3.02 | 8.58<br>8.42 | 3.02<br>3.02 | 12.48<br>12.24 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.31<br>0.21 | | | | 0.19<br>0.13 | | | 0.49<br>0.18 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.35<br>0.36 | 短期せん断<br>短期せん断 | 0.24<br>0.25 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X12又Y7<br>又X13又Y7 | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 0.30<br>0.30 | 12.67<br>18.43 | OK<br>OK | 1.31<br>1.31 | 21.12<br>30.72 | OK<br>OK | 0.00<br>0.00 | 0.15<br>0.40 | OK<br>OK | TH-24<br>— | 1.31<br>— | 19.20<br>— | 1.31<br>— | 27.92<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.02 | | | | 0.06<br>0.04 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.07<br>— | 短期せん断<br>短期せん断 | 0.05<br>— | 引張<br>引張 | 0.00<br>— | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | 又X11又<br>又X12又Y7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.31 | 4.95<br>7.20 | OK<br>OK | 1.37<br>1.37 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | ー<br>TH-10 | | ー<br>1.37 | ー<br>4.40 | ー<br>1.37 | ー<br>6.40 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.10 | | | 0.05 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.04 | | | 0.07 | | | 0.02 | | 検定値(終点側) | 長期 | 0.31 | 短期せん断 | | 0.21 | 引張 | 0.00 | |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.41<br>0.41 | 4.95<br>7.20 | OK<br>OK | 1.80<br>1.80 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.41 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.08 | | | 0.14 | | | 0.06 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | X9又<br>又X12又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 2.92<br>2.92 | 7.13<br>10.37 | OK<br>OK | 3.42<br>3.42 | 15.84<br>23.04 | OK<br>OK | 0.44<br>0.44 | 0.57<br>1.52 | OK<br>OK | BAP-180/60L<br>TH-18 | | 3.42<br>3.42 | 8.58<br>8.42 | 3.42<br>3.42 | 12.48<br>12.24 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.41 | | | 0.22 | | | 0.77 | | 検定値(始点側) | 長期 | 0.40 | 短期せん断 | | 0.27 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.28 | | | 0.15 | | | 0.29 | | 検定値(終点側) | 長期 | 0.41 | 短期せん断 | | 0.28 | 引張 | 0.00 | |
| | 又X10又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.40<br>0.40 | 4.95<br>7.20 | OK<br>OK | 1.74<br>1.74 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.15<br>0.40 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.08 | | | 0.13 | | | 0.06 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.02 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X9Y8<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.15<br>0.15 | 4.95<br>7.20 | OK<br>OK | 0.94<br>0.94 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.11<br>0.29 | OK<br>OK | K15<br>ー | | 0.94<br>ー | 99.00<br>ー | 0.94<br>ー | 79.20<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.03 | | | 0.07 | | | 0.02 | | 検定値(始点側) | 長期 | 0.01 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.05 | | | 0.01 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |

# 断面検定表

## (3) 母屋

[使用記号]

Z：断面係数(cm^3)
I：断面二次モーメント(cm^4)
ML：長期最大曲げモーメント(kN・m)
MS：短期最大曲げモーメント(kN・m)
MaL：長期許容曲げモーメント(kN・m)
MaS：短期許容曲げモーメント(kN・m)
QL：長期最大せん断力(kN)
QS：短期最大せん断力(kN)
QaL：長期許容せん断力(kN)
QaS：短期許容せん断力(kN)
δL：長期最大たわみ量(cm)
δS：短期最大たわみ量(cm)
δaL：長期許容たわみ量(cm)
δaS：短期許容たわみ量(cm)
QiLs,QiLe：接合部の長期せん断力(kN)
QiSs,QiSe：接合部の短期せん断力(kN)
Tis,Tie：接合部の短期引張力(kN)
QiaLs,QiaLe：接合部の長期許容せん断力(kN)
QiaSs,QiaSe：接合部の短期許容せん断力(kN)
Tias,Tiae：接合部の短期許容引張力(kN)

※1　木材の基準強度および許容応力度は計算書「使用材料及び許容応力度の木材」を参照
※2　母屋の分布荷重、集中荷重は計算書「母屋の設計」を参照

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種 | 長期 | Z | ML | MaL | 判 | QL | QaL | 判 | δL | δaL | 判 | 始点側(s) | | QjLs | QjaLs | QjSs | QjaSs | Tis | Tias | 判 |
| | | B×D | 短期 | I | MS | MaS | 定 | QS | QaS | 定 | δS | δaS | 定 | 終点側(e) | | QjLe | QjaLe | QjSe | QjaSe | Tie | Tiae | 定 |
| 2 | 又<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.50 | 4.95<br>7.20 | OK<br>OK | 0.54<br>1.03 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10 | | 0.54<br>0.54 | 4.40<br>4.40 | 1.03<br>1.03 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.06 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>— | | 0.50<br>— | 4.40<br>— | 0.96<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10 | | —<br>0.50 | —<br>4.40 | —<br>0.96 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | 又<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>— | | 0.50<br>— | 4.40<br>— | 0.96<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.26<br>0.50 | 4.95<br>7.20 | OK<br>OK | 0.54<br>1.03 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | OK<br>OK | —<br>TH-10 | | —<br>0.54 | —<br>4.40 | —<br>1.03 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.06 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.07 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>— | | 0.50<br>— | 4.40<br>— | 0.96<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10 | | —<br>0.50 | —<br>4.40 | —<br>0.96 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>— | | 0.50<br>— | 4.40<br>— | 0.96<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.05 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | 0.11 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.08 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.41 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | —<br>TH-10 | | —<br>0.21 | —<br>4.40 | —<br>0.41 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | 0.05 | 短期せん断 | | 0.06 | 引張 | 0.00 | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | |
| 2 | 又<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.27<br>0.51<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.54<br>1.04<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.54<br>0.54<br>長期 0.12<br>長期 0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.04<br>1.04<br>0.16<br>0.16 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.51<br>0.97<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.51<br>0.51<br>長期 0.12<br>長期 0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 0.97<br>0.97<br>0.15<br>0.15 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.51<br>0.97<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.51<br>—<br>長期 0.12<br>長期 — | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.97<br>—<br>0.15<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | 又<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.51<br>0.97<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | —<br>0.51<br>長期 —<br>長期 0.12 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.97<br>—<br>0.15 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK | |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.27<br>0.51<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.54<br>1.04<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.54<br>—<br>長期 0.12<br>長期 — | 4.40<br>—<br>短期せん断<br>短期せん断 | 1.04<br>—<br>0.16<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.51<br>0.97<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | —<br>0.51<br>長期 —<br>長期 0.12 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.97<br>—<br>0.15 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.51<br>0.97<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.51<br>0.51<br>長期 0.12<br>長期 0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 0.97<br>0.97<br>0.15<br>0.15 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.51<br>0.97<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.51<br>—<br>長期 0.12<br>長期 — | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.97<br>—<br>0.15<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | 又<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.04<br>0.08<br>0.01<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.22<br>0.41<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | —<br>0.22<br>長期 —<br>長期 0.05 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.41<br>—<br>0.06 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK | |
| | 又X11又<br>又X13又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.14<br>0.26<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.28<br>0.54<br>0.02<br>0.03 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.49<br>1.30 | OK<br>OK | 鎌継120×150<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.28<br>—<br>長期 0.06<br>長期 — | 4.97<br>—<br>短期せん断<br>短期せん断 | 0.54<br>—<br>0.08<br>— | 7.22<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | 又Y2<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.26<br>0.49<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.52<br>1.00<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05<br>0.06<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.52<br>0.52<br>長期 0.12<br>長期 0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.00<br>1.00<br>0.16<br>0.16 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK | |
| | 又Y2<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.49<br>0.93<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.49<br>—<br>長期 0.11<br>長期 — | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.93<br>—<br>0.14<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | 又Y2<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.49<br>0.93<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | —<br>0.49<br>長期 —<br>長期 0.11 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.93<br>—<br>0.14 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK | |
| | 又Y2<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.49<br>0.93<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.49<br>—<br>長期 0.11<br>長期 — | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.93<br>—<br>0.14<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— | |
| | 又Y2<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.26<br>0.49<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.52<br>1.00<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05<br>0.06<br>0.04 | 0.49<br>1.30 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | —<br>0.52<br>長期 —<br>長期 0.12 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>1.00<br>—<br>0.16 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又Y2<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.49<br>0.93<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.49<br>—<br>0.11<br>— | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.93<br>—<br>0.14<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又Y2<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.49<br>0.93<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.49<br>—<br>0.11 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.93<br>—<br>0.14 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK |
| | 又Y2<br>又X8 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.49<br>0.93<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.49<br>—<br>0.11<br>— | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.93<br>—<br>0.14<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又Y2<br>X8X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.04<br>0.08<br>0.01<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.39<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.21<br>—<br>0.05 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.39<br>—<br>0.06 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK |
| | 又X9又Y2<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.50<br>0.96<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.05<br>0.03 | 0.46<br>1.21 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | X9又<br>又X9又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.05<br>0.10<br>0.01<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.24<br>0.46<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.00 | 0.22<br>0.60 | OK<br>OK | K15-2<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.24<br>—<br>0.00<br>— | 99.00<br>—<br>短期せん断<br>短期せん断 | 0.46<br>—<br>0.01<br>— | 79.20<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又X12又<br>又X14又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.10<br>0.19<br>0.02<br>0.03 | 4.95<br>7.20 | OK<br>OK | 0.20<br>0.38<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02<br>0.02<br>0.02 | 0.49<br>1.30 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | 又X12又<br>又X14又Y2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.08<br>0.16<br>0.02<br>0.02 | 4.95<br>7.20 | OK<br>OK | 0.16<br>0.34<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02<br>0.02<br>0.01 | 0.49<br>1.30 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | 又<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.19<br>0.35<br>0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.38<br>0.72<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.38<br>0.38<br>0.09<br>0.09 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 0.72<br>0.72<br>0.11<br>0.11 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | 又<br>又又X2 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.16<br>0.31<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.67<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.35<br>0.35<br>0.08<br>0.08 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 0.67<br>0.67<br>0.11<br>0.11 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | 又<br>又X2又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.16<br>0.31<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.67<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.35<br>—<br>0.08<br>— | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.67<br>—<br>0.11<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.16<br>0.31<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.67<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.35<br>—<br>0.08 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.67<br>—<br>0.11 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.19<br>0.35<br>0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.38<br>0.72<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.49<br>1.30 | OK<br>OK | TH-10<br>—<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.38<br>—<br>0.09<br>— | 4.40<br>—<br>短期せん断<br>短期せん断 | 0.72<br>—<br>0.11<br>— | 6.40<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.16<br>0.31<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.67<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | —<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | —<br>0.35<br>—<br>0.08 | —<br>4.40<br>短期せん断<br>短期せん断 | —<br>0.67<br>—<br>0.11 | —<br>6.40<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.16<br>0.31<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.67<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.35<br>0.35<br>0.08<br>0.08 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 0.67<br>0.67<br>0.11<br>0.11 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又<br>又X８ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.16<br>0.31<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.35<br>0.67<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | TH-10<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.35<br>－<br>長期 0.08<br>長期 － | 4.40<br>－<br>短期せん断<br>短期せん断 | 0.67<br>－<br>0.11<br>－ | 6.40<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |
| | 又<br>X８X９ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.03<br>0.06<br>0.01<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.15<br>0.29<br>0.01<br>0.01 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | －<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | －<br>0.15<br>長期 －<br>長期 0.03 | －<br>4.40<br>短期せん断<br>短期せん断 | －<br>0.29<br>－<br>0.04 | －<br>6.40<br>引張<br>引張 | －<br>－<br>－<br>0.00 | －<br>－ | －<br>OK |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.21<br>0.39<br>0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.86<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.45<br>－<br>長期 0.09<br>長期 － | 4.97<br>－<br>短期せん断<br>短期せん断 | 0.86<br>－<br>0.12<br>－ | 7.22<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |
| | 又X16又<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.11<br>0.22<br>0.02<br>0.03 | 4.95<br>7.20 | OK<br>OK | 0.24<br>0.49<br>0.02<br>0.03 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02<br>0.02<br>0.02 | 0.45<br>1.21 | OK<br>OK | －<br>－<br>検定値(始点側)<br>検定値(終点側) | －<br>－<br>長期 －<br>長期 － | －<br>－<br>短期せん断<br>短期せん断 | －<br>－<br>－<br>－ | －<br>－<br>引張<br>引張 | －<br>－<br>－<br>－ | －<br>－ | －<br>－ |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.02<br>0.05<br>0.01<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.11<br>0.21<br>0.01<br>0.01 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | －<br>－<br>検定値(始点側)<br>検定値(終点側) | －<br>－<br>長期 －<br>長期 － | －<br>－<br>短期せん断<br>短期せん断 | －<br>－<br>－<br>－ | －<br>－<br>引張<br>引張 | －<br>－<br>－<br>－ | －<br>－ | －<br>－ |
| | Y３<br>X０又 | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 0.20<br>0.37<br>0.01<br>0.01 | 19.80<br>28.80 | OK<br>OK | 0.40<br>0.77<br>0.01<br>0.02 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.01<br>0.01<br>0.00 | 0.49<br>1.30 | OK<br>OK | TH-24<br>TH-24<br>検定値(始点側)<br>検定値(終点側) | 0.40<br>0.40<br>長期 0.02<br>長期 0.02 | 19.20<br>19.20<br>短期せん断<br>短期せん断 | 0.77<br>0.77<br>0.03<br>0.03 | 27.92<br>27.92<br>引張<br>引張 | －<br>－<br>0.00<br>0.00 | －<br>－ | OK<br>OK |
| | Y３<br>又X５ | 欧州赤松集成材<br>120×300 | G+P<br>G+P+S | 1800<br>27000<br>検定値(長期)<br>検定値(短期) | 0.17<br>0.32<br>0.01<br>0.01 | 19.80<br>28.80 | OK<br>OK | 0.37<br>0.71<br>0.01<br>0.02 | 26.40<br>38.40 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.46<br>1.21 | OK<br>OK | TH-24<br>TH-24<br>検定値(始点側)<br>検定値(終点側) | 0.37<br>0.37<br>長期 0.02<br>長期 0.02 | 19.20<br>19.20<br>短期せん断<br>短期せん断 | 0.71<br>0.71<br>0.03<br>0.03 | 27.92<br>27.92<br>引張<br>引張 | －<br>－<br>0.00<br>0.00 | －<br>－ | OK<br>OK |
| | Y３<br>X５又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.23<br>0.44<br>0.05<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.47<br>0.90<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05<br>0.05<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.47<br>0.47<br>長期 0.11<br>長期 0.11 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 0.90<br>0.90<br>0.14<br>0.14 | 6.40<br>6.40<br>引張<br>引張 | －<br>－<br>0.00<br>0.00 | －<br>－ | OK<br>OK |
| | Y３<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.20<br>0.38<br>0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.44<br>0.84<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.46<br>1.21 | OK<br>OK | TH-10<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.44<br>－<br>長期 0.10<br>長期 － | 4.40<br>－<br>短期せん断<br>短期せん断 | 0.84<br>－<br>0.13<br>－ | 6.40<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |
| | Y３<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.20<br>0.38<br>0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.44<br>0.84<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.46<br>1.21 | OK<br>OK | －<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | －<br>0.44<br>長期 －<br>長期 0.10 | －<br>4.40<br>短期せん断<br>短期せん断 | －<br>0.84<br>－<br>0.13 | －<br>6.40<br>引張<br>引張 | －<br>－<br>－<br>0.00 | －<br>－ | －<br>OK |
| | 又X13又Y３<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.12<br>0.27<br>0.03<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.26<br>0.55<br>0.02<br>0.03 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.03<br>0.03<br>0.02 | 0.49<br>1.30 | OK<br>OK | －<br>－<br>検定値(始点側)<br>検定値(終点側) | －<br>－<br>長期 －<br>長期 － | －<br>－<br>短期せん断<br>短期せん断 | －<br>－<br>－<br>－ | －<br>－<br>引張<br>引張 | －<br>－<br>－<br>－ | －<br>－ | －<br>－ |
| | 又X11又Y３<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.07<br>0.14<br>0.01<br>0.02 | 4.95<br>7.20 | OK<br>OK | 0.14<br>0.31<br>0.01<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01<br>0.01<br>0.01 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.14<br>－<br>長期 0.03<br>長期 － | 4.97<br>－<br>短期せん断<br>短期せん断 | 0.31<br>－<br>0.04<br>－ | 7.22<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |
| | X９又Y３<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.85<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.49<br>1.30 | OK<br>OK | K15-2<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.45<br>－<br>長期 0.00<br>長期 － | 99.00<br>－<br>短期せん断<br>短期せん断 | 0.85<br>－<br>0.01<br>－ | 79.20<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |
| | 又X17又Y３<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.12<br>0.25<br>0.02<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.26<br>0.56<br>0.02<br>0.03 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02<br>0.03<br>0.02 | 0.45<br>1.21 | OK<br>OK | 鎌継120×150<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.26<br>－<br>長期 0.05<br>長期 － | 4.97<br>－<br>短期せん断<br>短期せん断 | 0.56<br>－<br>0.08<br>－ | 7.22<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |
| | 又X11又<br>又X13又Y３ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.17<br>0.38<br>0.04<br>0.05 | 4.95<br>7.20 | OK<br>OK | 0.38<br>0.83<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>－<br>検定値(始点側)<br>検定値(終点側) | 0.38<br>－<br>長期 0.08<br>長期 － | 4.97<br>－<br>短期せん断<br>短期せん断 | 0.83<br>－<br>0.11<br>－ | 7.22<br>－<br>引張<br>引張 | －<br>－<br>0.00<br>－ | －<br>－ | OK<br>－ |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X９又<br>又X11又Y３ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.07<br>0.14 | 4.95<br>7.20 | OK<br>OK | 0.14<br>0.31 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.01 | 0.46<br>1.21 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.02 | | | 0.01<br>0.02 | | | 0.01<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | 又X16又<br>又X17又Y３ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.11 | 4.95<br>7.20 | OK<br>OK | 0.23<br>0.49 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.02 | | | 0.02<br>0.03 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | X９又<br>又X９又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.00<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.04<br>0.09 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.13<br>0.34 | OK<br>OK | K15-2<br>ー | | 0.04<br>ー | 99.00<br>ー | 0.09<br>ー | 79.20<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | 0.00<br>0.00 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.00<br>ー | 短期せん断<br>短期せん断 | 0.00<br>ー | 引張<br>引張 | 0.00<br>ー | | |
| | 又X14又<br>又X16又Y３ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.22 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02 | 0.49<br>1.30 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.03 | | | 0.02<br>0.02 | | | 0.02<br>0.02 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.04<br>0.09 | 4.95<br>7.20 | OK<br>OK | 0.18<br>0.39 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | 0.01<br>0.02 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | X０ | 欧州赤松集成材<br>120×240 | G+P<br>G+P+S | 1152<br>13824 | 1.49<br>2.65 | 12.67<br>18.43 | OK<br>OK | 1.12<br>2.00 | 21.12<br>30.72 | OK<br>OK | 0.30<br>0.54 | 1.33<br>3.00 | OK<br>OK | TH-24<br>TH-24 | | 1.12<br>1.12 | 12.49<br>12.49 | 2.00<br>2.00 | 18.16<br>18.16 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.12<br>0.14 | | | 0.05<br>0.07 | | | 0.23<br>0.18 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.09<br>0.09 | 短期せん断<br>短期せん断 | 0.11<br>0.11 | 引張<br>引張 | 0.00<br>0.00 | | |
| | X５ | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.23<br>0.41 | 4.95<br>7.20 | OK<br>OK | 0.44<br>0.79 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05 | 0.53<br>1.40 | OK<br>OK | TH-10<br>TH-10 | | 0.44<br>0.44 | 4.18<br>4.18 | 0.79<br>0.79 | 6.08<br>6.08 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.05<br>0.06 | | | 0.03<br>0.04 | | | 0.06<br>0.04 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.11<br>0.11 | 短期せん断<br>短期せん断 | 0.13<br>0.13 | 引張<br>引張 | 0.00<br>0.00 | | |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.17<br>0.38 | 4.95<br>7.20 | OK<br>OK | 0.38<br>0.83 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.46<br>1.21 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.04<br>0.05 | | | 0.03<br>0.04 | | | 0.04<br>0.03 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | 又X14又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.02 | | | 0.02<br>0.02 | | | 0.01<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | 又X18又<br>又X20又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.10<br>0.22 | 4.95<br>7.20 | OK<br>OK | 0.22<br>0.47 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02 | 0.45<br>1.21 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.03 | | | 0.02<br>0.02 | | | 0.02<br>0.02 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | Y４<br>X０又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.17<br>0.33 | 16.04<br>23.33 | OK<br>OK | 0.35<br>0.68 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.01 | 0.49<br>1.30 | OK<br>OK | TH-24<br>ー | | 0.35<br>ー | 19.20<br>ー | 0.68<br>ー | 27.92<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.01 | | | 0.01<br>0.02 | | | 0.01<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.02<br>ー | 短期せん断<br>短期せん断 | 0.02<br>ー | 引張<br>引張 | 0.00<br>ー | | |
| | Y４<br>又X３ | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.48 | 16.04<br>23.33 | OK<br>OK | 0.47<br>0.85 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.01 | 0.56<br>1.50 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.02 | | | 0.02<br>0.02 | | | 0.01<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>ー | 短期せん断<br>短期せん断 | ー<br>ー | 引張<br>引張 | ー<br>ー | | |
| | Y４<br>X３ | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.05<br>0.11 | 16.04<br>23.33 | OK<br>OK | 0.20<br>0.38 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.00 | 0.28<br>0.74 | OK<br>OK | ー<br>TH-24 | | ー<br>0.20 | ー<br>19.20 | ー<br>0.38 | ー<br>27.92 | ー<br>ー | ー<br>ー | ー<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.00<br>0.00 | | | 0.01<br>0.01 | | | 0.00<br>0.00 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | ー<br>0.01 | 短期せん断<br>短期せん断 | ー<br>0.01 | 引張<br>引張 | ー<br>0.00 | | |
| | Y４<br>X５ | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.23<br>0.41 | 16.04<br>23.33 | OK<br>OK | 0.44<br>0.79 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.01 | 0.53<br>1.40 | OK<br>OK | TH-24<br>TH-24 | | 0.44<br>0.44 | 19.20<br>19.20 | 0.79<br>0.79 | 27.92<br>27.92 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期)<br>検定値(短期) | 0.01<br>0.02 | | | 0.02<br>0.02 | | | 0.01<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.02<br>0.02 | 短期せん断<br>短期せん断 | 0.03<br>0.03 | 引張<br>引張 | 0.00<br>0.00 | | |
| | Y４<br>X５又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.49 | 16.04<br>23.33 | OK<br>OK | 0.52<br>1.00 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.01 | 0.49<br>1.30 | OK<br>OK | TH-24<br>ー | | 0.52<br>ー | 19.20<br>ー | 1.00<br>ー | 27.92<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期)<br>検定値(短期) | 0.02<br>0.02 | | | 0.02<br>0.03 | | | 0.01<br>0.01 | | 検定値(始点側)<br>検定値(終点側) | 長期<br>長期 | 0.03<br>ー | 短期せん断<br>短期せん断 | 0.04<br>ー | 引張<br>引張 | 0.00<br>ー | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | Y4<br>又又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.50 | 16.04<br>23.33 | OK<br>OK | 0.53<br>1.02 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.01 | 0.50<br>1.32 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.02 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | Y4<br>又又X7 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.26<br>0.50 | 16.04<br>23.33 | OK<br>OK | 0.53<br>1.02 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.01 | 0.50<br>1.32 | OK<br>OK | —<br>TH-24 | | —<br>0.53 | —<br>19.20 | —<br>1.02 | —<br>27.92 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | Y4<br>又X7X9 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.40<br>0.72 | 16.04<br>23.33 | OK<br>OK | 0.71<br>1.27 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.02 | 0.57<br>1.52 | OK<br>OK | TH-24<br>TH-24 | | 0.71<br>0.71 | 19.20<br>19.20 | 1.27<br>1.27 | 27.92<br>27.92 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | 0.04 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.03 | | | 0.04 | | | 0.01 | | 検定値(終点側) | 長期 | 0.04 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | 又X12又Y4<br>又X14又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.34 | 4.95<br>7.20 | OK<br>OK | 0.34<br>0.74 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>— | | 0.34<br>— | 4.97<br>— | 0.74<br>— | 7.22<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.10 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | X9又Y4<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.13 | 4.95<br>7.20 | OK<br>OK | 0.22<br>0.47 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.27<br>0.73 | OK<br>OK | K15-2<br>— | | 0.22<br>— | 99.00<br>— | 0.47<br>— | 79.20<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X14又Y4<br>又X14又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.16<br>0.34 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | 鎌継120×150<br>— | | 0.16<br>— | 4.97<br>— | 0.34<br>— | 7.22<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | | 0.05 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X17又Y4<br>又X18又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | OK<br>OK | 0.24<br>0.52 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X13又Y4<br>又X14又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.45 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.02 | | | 0.02 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X16又Y4<br>又X17又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.05<br>0.12 | 4.95<br>7.20 | OK<br>OK | 0.24<br>0.52 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.23<br>0.61 | OK<br>OK | 鎌継120×150<br>— | | 0.24<br>— | 4.97<br>— | 0.52<br>— | 7.22<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | 0.05 | 短期せん断 | | 0.07 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又X10又<br>又X12又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.16<br>0.34 | 4.95<br>7.20 | OK<br>OK | 0.34<br>0.74 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.03 | 0.46<br>1.21 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.42 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.87 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10 | | 0.45<br>0.45 | 4.40<br>4.40 | 0.87<br>0.87 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10 | | 0.45<br>0.45 | 4.40<br>4.40 | 0.88<br>0.88 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.44 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.88 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10 | | 0.45<br>0.45 | 4.40<br>4.40 | 0.88<br>0.88 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.05 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | 又<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.34<br>0.62 | 4.95<br>7.20 | OK<br>OK | 0.60<br>1.10 | 13.20<br>19.20 | OK<br>OK | 0.05<br>0.09 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | | 0.60<br>0.60 | 4.40<br>4.40 | 1.10<br>1.10 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.07 | | | 0.05 | | | 0.09 | | 検定値(始点側) | 長期 | 0.14 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.09 | | | 0.06 | | | 0.06 | | 検定値(終点側) | 長期 | 0.14 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | 又X12又<br>又X13又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.03<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.16<br>0.34 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.01 | | | 0.00 | | 検定値(始点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |
| | | | | 検定値(短期) | | 0.01 | | | 0.02 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | | — | 引張 | — | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 | | | |
| 2 | 又X19又<br>又X21又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.12<br>0.25<br>0.02<br>0.04 | 4.95<br>7.20 | OK<br>OK | 0.26<br>0.56<br>0.02<br>0.03 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02<br>0.03<br>0.02 | 0.45<br>1.21 | OK<br>OK | 鎌継120×150<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.26<br>—<br>長期<br>長期 | 4.97<br>—<br>0.05<br>— | 0.56<br>—<br>短期せん断<br>短期せん断 | 7.22<br>—<br>0.08<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | OK<br>— | | | |
| | 又X11又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.05<br>0.12<br>0.01<br>0.02 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.45<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.01 | 0.26<br>0.70 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | —<br>—<br>長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>— | —<br>— | | | |
| | 又X15又<br>又X16又Y4 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.45<br>1.21 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | —<br>—<br>長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>— | —<br>— | | | |
| | X0X2 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937<br>検定値(長期)<br>検定値(短期) | 0.90<br>1.64<br>0.04<br>0.05 | 23.00<br>33.45 | OK<br>OK | 1.09<br>1.98<br>0.04<br>0.05 | 29.04<br>42.24 | OK<br>OK | 0.03<br>0.05<br>0.03<br>0.02 | 0.83<br>2.20 | OK<br>OK | TH-33<br>—<br>検定値(始点側)<br>検定値(終点側) | 1.09<br>—<br>長期<br>長期 | 22.83<br>—<br>0.05<br>— | 1.98<br>—<br>短期せん断<br>短期せん断 | 33.20<br>—<br>0.06<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | OK<br>— | | | |
| | X2 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937<br>検定値(長期)<br>検定値(短期) | 0.34<br>0.61<br>0.01<br>0.02 | 23.00<br>33.45 | OK<br>OK | 0.67<br>1.21<br>0.02<br>0.03 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.01<br>0.01<br>0.01 | 0.50<br>1.34 | OK<br>OK | —<br>TH-33<br>検定値(始点側)<br>検定値(終点側) | —<br>0.67<br>長期<br>長期 | —<br>22.83<br>—<br>0.03 | —<br>1.21<br>短期せん断<br>短期せん断 | —<br>33.20<br>—<br>0.04 | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>OK | | | |
| | X5 | 欧州赤松集成材<br>120×330 | G+P<br>G+P+S | 2178<br>35937<br>検定値(長期)<br>検定値(短期) | 0.36<br>0.66<br>0.02<br>0.02 | 23.00<br>33.45 | OK<br>OK | 0.70<br>1.26<br>0.02<br>0.03 | 29.04<br>42.24 | OK<br>OK | 0.00<br>0.01<br>0.01<br>0.01 | 0.53<br>1.40 | OK<br>OK | TH-33<br>TH-33<br>検定値(始点側)<br>検定値(終点側) | 0.70<br>0.70<br>長期<br>長期 | 22.83<br>22.83<br>0.03<br>0.03 | 1.26<br>1.26<br>短期せん断<br>短期せん断 | 33.20<br>33.20<br>0.04<br>0.04 | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | OK<br>OK | | | |
| | X9又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.21<br>0.43<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.42<br>0.83<br>0.03<br>0.04 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.05<br>0.05<br>0.04 | 0.52<br>1.37 | OK<br>OK | K15-2<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.42<br>—<br>長期<br>長期 | 99.00<br>—<br>0.00<br>— | 0.83<br>—<br>短期せん断<br>短期せん断 | 79.20<br>—<br>0.01<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | OK<br>— | | | |
| | 又X10又<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.03<br>0.06<br>0.01<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.16<br>0.34<br>0.01<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.19<br>0.52 | OK<br>OK | 鎌継120×150<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.16<br>—<br>長期<br>長期 | 4.97<br>—<br>0.03<br>— | 0.34<br>—<br>短期せん断<br>短期せん断 | 7.22<br>—<br>0.05<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | OK<br>— | | | |
| | 又X17又<br>又X19又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | —<br>—<br>長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>— | —<br>— | | | |
| | 又X9又<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.05<br>0.12<br>0.01<br>0.02 | 4.95<br>7.20 | OK<br>OK | 0.21<br>0.45<br>0.02<br>0.02 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.01<br>0.01 | 0.26<br>0.70 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | —<br>—<br>長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>— | —<br>— | | | |
| | 又X13又<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>—<br>検定値(始点側)<br>検定値(終点側) | 0.48<br>—<br>長期<br>長期 | 4.97<br>—<br>0.10<br>— | 1.03<br>—<br>短期せん断<br>短期せん断 | 7.22<br>—<br>0.14<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | OK<br>— | | | |
| | 又X20又<br>又X22又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832<br>検定値(長期)<br>検定値(短期) | 0.10<br>0.22<br>0.01<br>0.02 | 7.13<br>10.37 | OK<br>OK | 0.22<br>0.48<br>0.01<br>0.02 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.01<br>0.01<br>0.01 | 0.45<br>1.21 | OK<br>OK | —<br>—<br>検定値(始点側)<br>検定値(終点側) | —<br>—<br>長期<br>長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>— | —<br>— | | | |
| | 又<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.25<br>0.49<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.52<br>1.01<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.52<br>0.52<br>長期<br>長期 | 4.40<br>4.40<br>0.12<br>0.12 | 1.01<br>1.01<br>短期せん断<br>短期せん断 | 6.40<br>6.40<br>0.16<br>0.16 | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | OK<br>OK | | | |
| | 又<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.26<br>0.51<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.53<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.04 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.53<br>0.53<br>長期<br>長期 | 4.40<br>4.40<br>0.12<br>0.12 | 1.03<br>1.03<br>短期せん断<br>短期せん断 | 6.40<br>6.40<br>0.16<br>0.16 | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | OK<br>OK | | | |
| | 又<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.26<br>0.51<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.53<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.04 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側)<br>検定値(終点側) | 0.53<br>0.53<br>長期<br>長期 | 4.40<br>4.40<br>0.12<br>0.12 | 1.03<br>1.03<br>短期せん断<br>短期せん断 | 6.40<br>6.40<br>0.16<br>0.16 | —<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | OK<br>OK | | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.40<br>0.73<br>0.08<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.70<br>1.28<br>0.05<br>0.07 | 13.20<br>19.20 | OK<br>OK | 0.06<br>0.11<br>0.11<br>0.07 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.70<br>0.70<br>0.16<br>0.16 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.28<br>1.28<br>0.20<br>0.20 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | X9又<br>又X9又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.02<br>0.05<br>0.00<br>0.01 | 4.95<br>7.20 | OK<br>OK | 0.13<br>0.28<br>0.01<br>0.01 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.17<br>0.45 | OK<br>OK | K15-2<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.13<br>—<br>0.00<br>— | 99.00<br>—<br>短期せん断<br>短期せん断 | 0.28<br>—<br>0.00<br>— | 79.20<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又X15又<br>又X17又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.45<br>1.21 | OK<br>OK | 鎌継120×150<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.48<br>—<br>0.10<br>— | 4.97<br>—<br>短期せん断<br>短期せん断 | 1.03<br>—<br>0.14<br>— | 7.22<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又X11又<br>又X13又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | Y5<br>X0又 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683<br>検定値(長期)<br>検定値(短期) | 0.24<br>0.46<br>0.01<br>0.02 | 16.04<br>23.33 | OK<br>OK | 0.49<br>0.95<br>0.02<br>0.03 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.01<br>0.01<br>0.01 | 0.49<br>1.30 | OK<br>OK | TH-24<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.49<br>—<br>0.03<br>— | 19.20<br>—<br>短期せん断<br>短期せん断 | 0.95<br>—<br>0.03<br>— | 27.92<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | Y5<br>又X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683<br>検定値(長期)<br>検定値(短期) | 0.37<br>0.67<br>0.02<br>0.03 | 16.04<br>23.33 | OK<br>OK | 0.65<br>1.19<br>0.03<br>0.03 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.02<br>0.02<br>0.01 | 0.56<br>1.50 | OK<br>OK | —<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | Y5<br>X3 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683<br>検定値(長期)<br>検定値(短期) | 0.08<br>0.15<br>0.00<br>0.01 | 16.04<br>23.33 | OK<br>OK | 0.28<br>0.54<br>0.01<br>0.02 | 23.76<br>34.56 | OK<br>OK | 0.00<br>0.00<br>0.00<br>0.00 | 0.28<br>0.74 | OK<br>OK | —<br>TH-24<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | —<br>0.28<br>—<br>0.01 | —<br>19.20<br>短期せん断<br>短期せん断 | —<br>0.54<br>—<br>0.02 | —<br>27.92<br>引張<br>引張 | —<br>—<br>—<br>0.00 | —<br>— | —<br>OK |
| | Y5<br>X5 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683<br>検定値(長期)<br>検定値(短期) | 0.32<br>0.58<br>0.02<br>0.02 | 16.04<br>23.33 | OK<br>OK | 0.61<br>1.10<br>0.03<br>0.03 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.01<br>0.01<br>0.01 | 0.53<br>1.40 | OK<br>OK | TH-24<br>TH-24<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.61<br>0.61<br>0.03<br>0.03 | 19.20<br>19.20<br>短期せん断<br>短期せん断 | 1.10<br>1.10<br>0.04<br>0.04 | 27.92<br>27.92<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | 又X18又Y5<br>又X20又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.03<br>0.05 | 7.13<br>10.37 | OK<br>OK | 0.48<br>1.04<br>0.03<br>0.05 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.03<br>0.03<br>0.02 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.48<br>—<br>0.12<br>— | 4.14<br>—<br>短期せん断<br>短期せん断 | 1.04<br>—<br>0.17<br>— | 6.02<br>—<br>引張<br>引張 | —<br>—<br>0.00<br>— | —<br>— | OK<br>— |
| | 又X14又Y5<br>又X15又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.22<br>0.47<br>0.04<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05<br>0.05<br>0.04 | 0.46<br>1.21 | OK<br>OK | —<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | X10又Y5<br>又X11又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.19<br>0.42<br>0.04<br>0.06 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.98<br>0.03<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04<br>0.04<br>0.03 | 0.43<br>1.15 | OK<br>OK | —<br>—<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | —<br>—<br>—<br>— | —<br>—<br>短期せん断<br>短期せん断 | —<br>—<br>—<br>— | —<br>—<br>引張<br>引張 | —<br>—<br>—<br>— | —<br>— | —<br>— |
| | 又Y5<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.26<br>0.50<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.53<br>1.03<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.53<br>0.53<br>0.12<br>0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.03<br>1.03<br>0.16<br>0.16 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | 又Y5<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.27<br>0.52<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.54<br>1.04<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.05 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.54<br>0.54<br>0.12<br>0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.04<br>1.04<br>0.16<br>0.16 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | 又Y5<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.27<br>0.52<br>0.05<br>0.07 | 4.95<br>7.20 | OK<br>OK | 0.54<br>1.04<br>0.04<br>0.05 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06<br>0.06<br>0.05 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.54<br>0.54<br>0.12<br>0.12 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.04<br>1.04<br>0.16<br>0.16 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |
| | 又Y5<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375<br>検定値(長期)<br>検定値(短期) | 0.41<br>0.74<br>0.08<br>0.10 | 4.95<br>7.20 | OK<br>OK | 0.72<br>1.30<br>0.05<br>0.07 | 13.20<br>19.20 | OK<br>OK | 0.06<br>0.11<br>0.11<br>0.07 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10<br>検定値(始点側) 長期<br>検定値(終点側) 長期 | 0.72<br>0.72<br>0.16<br>0.16 | 4.40<br>4.40<br>短期せん断<br>短期せん断 | 1.30<br>1.30<br>0.20<br>0.20 | 6.40<br>6.40<br>引張<br>引張 | —<br>—<br>0.00<br>0.00 | —<br>— | OK<br>OK |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X16又<br>又X18又Y5 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.03 | 0.45<br>1.21 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X12又<br>又X14又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.22<br>0.47 | 4.95<br>7.20 | OK<br>OK | 0.48<br>1.03 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.05 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>ー | | 0.48<br>ー | 4.97<br>ー | 1.03<br>ー | 7.22<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.04 | | | 0.04 | | | 0.05 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | | 0.14 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.05 | | | 0.04 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又<br>X0 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 1.75<br>3.18 | 16.04<br>23.33 | OK<br>OK | 1.32<br>2.40 | 23.76<br>34.56 | OK<br>OK | 0.25<br>0.45 | 1.33<br>3.00 | OK<br>OK | TH-24<br>TH-24 | | 1.32<br>1.32 | 19.20<br>12.49 | 2.40<br>2.40 | 27.92<br>18.16 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.11 | | | 0.06 | | | 0.19 | | 検定値(始点側) | 長期 | 0.07 | 短期せん断 | | 0.09 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.14 | | | 0.07 | | | 0.15 | | 検定値(終点側) | 長期 | 0.11 | 短期せん断 | | 0.13 | 引張 | 0.00 | |
| | 又<br>X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.27<br>0.50 | 4.95<br>7.20 | OK<br>OK | 0.52<br>0.95 | 13.20<br>19.20 | OK<br>OK | 0.04<br>0.06 | 0.53<br>1.40 | OK<br>OK | TH-10<br>TH-10 | | 0.52<br>0.52 | 4.18<br>4.40 | 0.95<br>0.95 | 6.08<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.04 | | | 0.07 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | | 0.16 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.05 | | | 0.05 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | | 0.15 | 引張 | 0.00 | |
| | X9又<br>X10又Y5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.06<br>0.14 | 4.95<br>7.20 | OK<br>OK | 0.24<br>0.52 | 13.20<br>19.20 | OK<br>OK | 0.00<br>0.00 | 0.26<br>0.70 | OK<br>OK | K15-2<br>ー | | 0.24<br>ー | 99.00<br>ー | 0.52<br>ー | 79.20<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.01 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X15又<br>又X16又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | OK<br>OK | 鎌継120×150<br>ー | | 0.48<br>ー | 4.14<br>ー | 1.04<br>ー | 6.02<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | 又X10又<br>又X12又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.19<br>0.42 | 4.95<br>7.20 | OK<br>OK | 0.45<br>0.98 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.43<br>1.15 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.04 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.06 | | | 0.05 | | | 0.03 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | Y6<br>X0 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 2.05<br>3.71 | 16.04<br>23.33 | OK<br>OK | 1.54<br>2.79 | 23.76<br>34.56 | OK<br>OK | 0.29<br>0.53 | 1.33<br>3.00 | OK<br>OK | TH-24<br>TH-24 | | 1.54<br>1.54 | 19.20<br>19.20 | 2.79<br>2.79 | 27.92<br>27.92 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.13 | | | 0.06 | | | 0.22 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | | 0.10 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.16 | | | 0.08 | | | 0.18 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | | 0.10 | 引張 | 0.00 | |
| | Y6<br>X5 | 欧州赤松集成材<br>120×270 | G+P<br>G+P+S | 1458<br>19683 | 0.32<br>0.58 | 16.04<br>23.33 | OK<br>OK | 0.61<br>1.10 | 23.76<br>34.56 | OK<br>OK | 0.01<br>0.01 | 0.53<br>1.40 | OK<br>OK | TH-24<br>TH-24 | | 0.61<br>0.61 | 19.20<br>19.20 | 1.10<br>1.10 | 27.92<br>27.92 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | 0.03 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | 0.03 | 短期せん断 | | 0.04 | 引張 | 0.00 | |
| | Y6<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.54 | 4.95<br>7.20 | OK<br>OK | 0.57<br>1.10 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10 | | 0.57<br>0.57 | 4.40<br>4.40 | 1.10<br>1.10 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.04 | | | 0.06 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.07 | | | 0.06 | | | 0.05 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | Y6<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.55 | 4.95<br>7.20 | OK<br>OK | 0.57<br>1.12 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10 | | 0.57<br>0.57 | 4.40<br>4.40 | 1.12<br>1.12 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.04 | | | 0.07 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.08 | | | 0.06 | | | 0.05 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | Y6<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.28<br>0.55 | 4.95<br>7.20 | OK<br>OK | 0.57<br>1.12 | 13.20<br>19.20 | OK<br>OK | 0.03<br>0.06 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10 | | 0.57<br>0.57 | 4.40<br>4.40 | 1.12<br>1.12 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.04 | | | 0.07 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.08 | | | 0.06 | | | 0.05 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | | 0.17 | 引張 | 0.00 | |
| | Y6<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.43<br>0.79 | 4.95<br>7.20 | OK<br>OK | 0.77<br>1.39 | 13.20<br>19.20 | OK<br>OK | 0.07<br>0.12 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | | 0.77<br>0.77 | 4.40<br>4.40 | 1.39<br>1.39 | 6.40<br>6.40 | ー<br>ー | ー<br>ー | OK<br>OK |
| | | | | 検定値(長期) | | 0.09 | | | 0.06 | | | 0.12 | | 検定値(始点側) | 長期 | 0.17 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.11 | | | 0.07 | | | 0.08 | | 検定値(終点側) | 長期 | 0.17 | 短期せん断 | | 0.22 | 引張 | 0.00 | |
| | 又X13又Y6<br>又X15又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | X9又Y6<br>又X10又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | -0.94<br>-2.03 | 4.95<br>7.20 | OK<br>OK | 0.97<br>2.09 | 13.20<br>19.20 | OK<br>OK | 0.25<br>0.54 | 0.49<br>1.30 | OK<br>OK | K15-2<br>ー | | 0.00<br>ー | 99.00<br>ー | 0.00<br>ー | 79.20<br>ー | ー<br>ー | ー<br>ー | OK<br>ー |
| | | | | 検定値(長期) | | 0.19 | | | 0.07 | | | 0.52 | | 検定値(始点側) | 長期 | 0.00 | 短期せん断 | | 0.00 | 引張 | 0.00 | |
| | | | | 検定値(短期) | | 0.28 | | | 0.11 | | | 0.42 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 2 | 又X11又<br>又X13又Y6 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.20<br>0.42 | 7.13<br>10.37 | OK<br>OK | 0.46<br>0.98 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.02 | 0.43<br>1.15 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.02 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.04 | | | 0.04 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y7<br>X0又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.37 | 4.95<br>7.20 | OK<br>OK | 0.41<br>0.77 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10 | | 0.41<br>0.41 | 4.40<br>4.40 | 0.77<br>0.77 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | Y7<br>又X3 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.54 | 4.95<br>7.20 | OK<br>OK | 0.55<br>0.95 | 13.20<br>19.20 | OK<br>OK | 0.05<br>0.08 | 0.56<br>1.50 | OK<br>OK | TH-10<br>TH-10 | | 0.55<br>0.55 | 4.40<br>4.40 | 0.95<br>0.95 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.04 | | | 0.08 | | 検定値(始点側) | 長期 | 0.12 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.07 | | | 0.05 | | | 0.05 | | 検定値(終点側) | 長期 | 0.12 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | Y7<br>X3又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.25 | 4.95<br>7.20 | OK<br>OK | 0.34<br>0.63 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02 | 0.40<br>1.07 | OK<br>OK | TH-10<br>— | | 0.34<br>— | 4.40<br>— | 0.63<br>— | 6.40<br>— | —<br>— | —<br>— | OK<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | 0.08 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.03 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y7<br>又X5 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.14<br>0.25 | 4.95<br>7.20 | OK<br>OK | 0.34<br>0.63 | 13.20<br>19.20 | OK<br>OK | 0.01<br>0.02 | 0.40<br>1.07 | OK<br>OK | —<br>TH-10 | | —<br>0.34 | —<br>4.40 | —<br>0.63 | —<br>6.40 | —<br>— | —<br>— | —<br>OK |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.03 | | | 0.03 | | | 0.02 | | 検定値(終点側) | 長期 | 0.08 | 短期せん断 | 0.10 | 引張 | 0.00 | | |
| | Y7<br>X5又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.20<br>0.37 | 4.95<br>7.20 | OK<br>OK | 0.41<br>0.77 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.49<br>1.30 | OK<br>OK | TH-10<br>TH-10 | | 0.41<br>0.41 | 4.40<br>4.40 | 0.77<br>0.77 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.09 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.09 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | Y7<br>又又 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.38 | 4.95<br>7.20 | OK<br>OK | 0.42<br>0.77 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10 | | 0.42<br>0.42 | 4.40<br>4.40 | 0.77<br>0.77 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | Y7<br>又又X7 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.21<br>0.38 | 4.95<br>7.20 | OK<br>OK | 0.42<br>0.77 | 13.20<br>19.20 | OK<br>OK | 0.02<br>0.04 | 0.50<br>1.32 | OK<br>OK | TH-10<br>TH-10 | | 0.42<br>0.42 | 4.40<br>4.40 | 0.77<br>0.77 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.04 | | | 0.03 | | | 0.05 | | 検定値(始点側) | 長期 | 0.10 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.04 | | | 0.03 | | 検定値(終点側) | 長期 | 0.10 | 短期せん断 | 0.12 | 引張 | 0.00 | | |
| | Y7<br>又X7X9 | 欧州赤松集成材<br>120×150 | G+P<br>G+P+S | 450<br>3375 | 0.31<br>0.55 | 4.95<br>7.20 | OK<br>OK | 0.55<br>0.96 | 13.20<br>19.20 | OK<br>OK | 0.05<br>0.08 | 0.57<br>1.52 | OK<br>OK | TH-10<br>TH-10 | | 0.55<br>0.55 | 4.40<br>4.40 | 0.96<br>0.96 | 6.40<br>6.40 | —<br>— | —<br>— | OK<br>OK |
| | | | | 検定値(長期) | | 0.06 | | | 0.04 | | | 0.08 | | 検定値(始点側) | 長期 | 0.13 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | | | | 検定値(短期) | | 0.08 | | | 0.05 | | | 0.05 | | 検定値(終点側) | 長期 | 0.13 | 短期せん断 | 0.15 | 引張 | 0.00 | | |
| | 又X10又Y7<br>又X11又 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.22<br>0.47 | 7.13<br>10.37 | OK<br>OK | 0.48<br>1.04 | 15.84<br>23.04 | OK<br>OK | 0.01<br>0.03 | 0.46<br>1.21 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.03 | | | 0.03 | | | 0.03 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.05 | | | 0.05 | | | 0.02 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | X9又Y7<br>又X10又Y7 | 欧州赤松集成材<br>120×180 | G+P<br>G+P+S | 648<br>5832 | 0.08<br>0.17 | 7.13<br>10.37 | OK<br>OK | 0.27<br>0.59 | 15.84<br>23.04 | OK<br>OK | 0.00<br>0.00 | 0.29<br>0.78 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.02 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.02 | | | 0.03 | | | 0.01 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| 1 | Y9<br>X0又X0 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.01<br>0.02 | 1.25<br>1.82 | OK<br>OK | 0.11<br>0.21 | 3.70<br>5.38 | OK<br>OK | 0.00<br>0.00 | 0.09<br>0.25 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.01 | | | 0.03 | | | 0.01 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.01 | | | 0.04 | | | 0.00 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y9<br>又X0又X1 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.09<br>0.18 | 1.25<br>1.82 | OK<br>OK | 0.32<br>0.62 | 3.70<br>5.38 | OK<br>OK | 0.04<br>0.08 | 0.28<br>0.75 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.07 | | | 0.09 | | | 0.14 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.10 | | | 0.12 | | | 0.10 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y9<br>又X1又X2 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.23<br>0.46 | 1.25<br>1.82 | OK<br>OK | 0.51<br>1.01 | 3.70<br>5.38 | OK<br>OK | 0.27<br>0.52 | 0.46<br>1.21 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.19 | | | 0.14 | | | 0.59 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.25 | | | 0.19 | | | 0.43 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | Y9<br>又X2X3 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.06<br>0.11 | 1.25<br>1.82 | OK<br>OK | 0.25<br>0.49 | 3.70<br>5.38 | OK<br>OK | 0.02<br>0.03 | 0.22<br>0.59 | OK<br>OK | —<br>— | | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— | —<br>— |
| | | | | 検定値(長期) | | 0.04 | | | 0.07 | | | 0.07 | | 検定値(始点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |
| | | | | 検定値(短期) | | 0.06 | | | 0.09 | | | 0.05 | | 検定値(終点側) | 長期 | — | 短期せん断 | — | 引張 | — | | |

| 条件(※1) | | | 荷重区分 | 曲げ(※2) | | | | せん断(※2) | | | たわみ(※2) | | | 接合部 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 階 | 符号 | 樹種<br>B×D | 長期<br>短期 | Z<br>I | ML<br>MS | MaL<br>MaS | 判<br>定 | QL<br>QS | QaL<br>QaS | 判<br>定 | δL<br>δS | δaL<br>δaS | 判<br>定 | 始点側(s)<br>終点側(e) | | QjLs<br>QjLe | QjaLs<br>QjaLe | QjSs<br>QjSe | QjaSs<br>QjaSe | Tis<br>Tie | Tias<br>Tiae | 判<br>定 |
| 1 | Y9<br>X3又X3 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.06<br>0.12 | 1.25<br>1.82 | OK<br>OK | 0.26<br>0.51 | 3.70<br>5.38 | OK<br>OK | 0.02<br>0.03 | 0.23<br>0.61 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.08 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.06 | | | 0.10 | | | 0.06 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | Y9<br>又X3又X4 | 杉<br>120×70 | G+P<br>G+P+S | 98<br>343 | 0.06<br>0.12 | 1.25<br>1.82 | OK<br>OK | 0.26<br>0.51 | 3.70<br>5.38 | OK<br>OK | 0.02<br>0.03 | 0.23<br>0.61 | OK<br>OK | ー<br>ー | | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー | ー<br>ー |
| | | | | 検定値(長期) | | 0.05 | | | 0.07 | | | 0.08 | | 検定値(始点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |
| | | | | 検定値(短期) | | 0.06 | | | 0.10 | | | 0.06 | | 検定値(終点側) | 長期 | ー | 短期せん断 | | ー | 引張 | ー | |

# 断面検定表

## (4) 床組・小屋組（水平構面）

[使用記号]

Qks：該当区間における地震時の最大せん断力(kN)

Qws：該当区間における風圧時の最大せん断力(kN)

Qa：水平構面の許容せん断耐力(kN)

※1　床組、小屋組の材料および仕様は計算書「使用材料及び許容応力度の水平構面仕様」、「水平構面図」を参照

| 条件(※1) | | Qks | Qws | Qa | 検定値 | 検定値 | 判 |
|---|---|---|---|---|---|---|---|
| 階 | 方向：位置 | | | | (地震) | (風圧) | 定 |
| 2 | X:Y1-又 | 21.56 | 9.00 | 32.46 | 0.66 | 0.28 | OK |
| | X:又-又 | 10.45 | 4.31 | 33.55 | 0.31 | 0.13 | OK |
| | X:又-又 | 8.54 | 3.68 | 35.05 | 0.24 | 0.10 | OK |
| | X:又-又 | -18.91 | -8.14 | 38.44 | 0.49 | 0.21 | OK |
| | X:又-又 | -32.44 | -13.70 | 43.85 | 0.74 | 0.31 | OK |
| | X:又-Y3 | -33.50 | -14.15 | 51.72 | 0.65 | 0.27 | OK |
| | X:Y3-又Y3 | -6.12 | -2.78 | 53.03 | 0.12 | 0.05 | OK |
| | X:又Y3-又 | -15.07 | -6.97 | 54.41 | 0.28 | 0.13 | OK |
| | X:又-又Y4 | -20.28 | -9.58 | 56.54 | 0.36 | 0.17 | OK |
| | X:又Y4-又Y4 | -21.33 | -10.47 | 115.63 | 0.18 | 0.09 | OK |
| | X:又Y4-又 | -34.18 | -16.13 | 116.87 | 0.29 | 0.14 | OK |
| | X:又-又 | -30.94 | -14.78 | 117.68 | 0.26 | 0.13 | OK |
| | X:又-又 | -32.91 | -15.60 | 117.95 | 0.28 | 0.13 | OK |
| | X:又-又 | -33.84 | -15.96 | 118.24 | 0.29 | 0.13 | OK |
| | X:又-又 | -29.30 | -14.02 | 118.44 | 0.25 | 0.12 | OK |
| | X:又-又 | -30.15 | -14.26 | 118.83 | 0.25 | 0.12 | OK |
| | X:又-又 | -28.95 | -13.69 | 118.48 | 0.24 | 0.12 | OK |
| | X:又-Y5 | -23.97 | -11.60 | 117.84 | 0.20 | 0.10 | OK |
| | X:Y5-又Y5 | -7.55 | -4.64 | 116.83 | 0.06 | 0.04 | OK |
| | X:又Y5-又Y5 | -8.52 | -5.00 | 115.34 | 0.07 | 0.04 | OK |
| | X:又Y5-又Y5 | -6.69 | -4.21 | 114.55 | 0.06 | 0.04 | OK |
| | X:又Y5-又 | -14.59 | -7.40 | 112.41 | 0.13 | 0.07 | OK |
| | X:又-又 | -13.22 | -6.82 | 110.17 | 0.12 | 0.06 | OK |
| | X:又-又 | -16.69 | -8.26 | 109.01 | 0.15 | 0.08 | OK |
| | X:又-又 | -20.08 | -9.69 | 107.37 | 0.19 | 0.09 | OK |
| | X:又-Y6 | -19.84 | -9.59 | 106.41 | 0.19 | 0.09 | OK |
| | X:Y6-又 | 8.79 | -4.63 | 103.52 | 0.08 | 0.04 | OK |
| | X:又-又 | -16.85 | -7.37 | 38.92 | 0.43 | 0.19 | OK |
| | X:又-Y8 | -17.33 | -7.24 | 34.82 | 0.50 | 0.21 | OK |
| | Y:X0-X2 | 50.04 | 32.62 | 106.40 | 0.47 | 0.31 | OK |
| | Y:X2-X3 | 23.54 | 15.34 | 106.40 | 0.22 | 0.14 | OK |
| | Y:X3-X5 | 26.78 | 17.72 | 106.40 | 0.25 | 0.17 | OK |
| | Y:X5-又X7 | 34.54 | 23.70 | 42.19 | 0.82 | 0.56 | OK |
| | Y:又X7-X8 | -25.74 | -13.49 | 42.19 | 0.61 | 0.32 | OK |
| | Y:X8-X9 | -21.62 | -10.59 | 42.19 | 0.51 | 0.25 | OK |
| | Y:X9-X10 | -7.94 | 3.18 | 34.10 | 0.23 | 0.09 | OK |
| | Y:X10-又X10 | -3.08 | 2.95 | 34.38 | 0.09 | 0.09 | OK |
| | Y:又X10-又X10 | -5.20 | 3.02 | 34.38 | 0.15 | 0.09 | OK |
| | Y:又X10-又X10 | -5.01 | 2.63 | 34.38 | 0.15 | 0.08 | OK |
| | Y:又X10-又X11 | -10.79 | 2.61 | 34.38 | 0.31 | 0.08 | OK |
| | Y:又X11-又X11 | -9.52 | -0.63 | 34.38 | 0.28 | 0.02 | OK |

| 条件(※1) | | Qks | Qws | Qa | 検定値 | 検定値 | 判 |
|---|---|---|---|---|---|---|---|
| 階 | 方向：位置 | | | | (地震) | (風圧) | 定 |
| 2 | Y:又X11-又X11 | -9.84 | 0.86 | 34.38 | 0.29 | 0.03 | OK |
| | Y:又X11-又X12 | -14.58 | -2.92 | 34.08 | 0.43 | 0.09 | OK |
| | Y:又X12-又X12 | -13.67 | -2.09 | 33.21 | 0.41 | 0.06 | OK |
| | Y:又X12-又X13 | -17.87 | -4.17 | 30.47 | 0.59 | 0.14 | OK |
| | Y:又X13-又X14 | -15.05 | -2.29 | 27.69 | 0.54 | 0.08 | OK |
| | Y:又X14-又X14 | -12.02 | 0.76 | 26.65 | 0.45 | 0.03 | OK |
| | Y:又X14-又X15 | -13.91 | -1.66 | 23.96 | 0.58 | 0.07 | OK |
| | Y:又X15-又X15 | -12.54 | 1.10 | 22.11 | 0.57 | 0.05 | OK |
| | Y:又X15-又X15 | -11.18 | 1.10 | 19.85 | 0.56 | 0.06 | OK |
| | Y:又X15-又X16 | -8.64 | 3.16 | 19.72 | 0.44 | 0.16 | OK |
| | Y:又X16-又X16 | -7.18 | 5.15 | 20.09 | 0.36 | 0.26 | OK |
| | Y:又X16-又X17 | -10.17 | 4.03 | 20.88 | 0.49 | 0.19 | OK |
| | Y:又X17-又X18 | -8.57 | 3.69 | 21.70 | 0.39 | 0.17 | OK |
| | Y:又X18-又X18 | -9.64 | 2.36 | 21.74 | 0.44 | 0.11 | OK |
| | Y:又X18-又X19 | -6.39 | 4.52 | 19.12 | 0.33 | 0.24 | OK |
| | Y:又X19-又X20 | -4.57 | 4.61 | 16.57 | 0.28 | 0.28 | OK |
| | Y:又X20-又X21 | -1.81 | 4.57 | 11.93 | 0.15 | 0.38 | OK |
| | Y:又X21-又 | -2.19 | 3.08 | 4.64 | 0.47 | 0.66 | OK |
| 1 | X:Y０-Y１ | 45.53 | 17.92 | 58.05 | 0.78 | 0.31 | OK |
| | X:Y１-又 | 17.13 | 6.79 | 91.76 | 0.19 | 0.07 | OK |
| | X:又-又 | 13.47 | 4.17 | 94.85 | 0.14 | 0.04 | OK |
| | X:又-又 | 12.51 | 3.66 | 101.31 | 0.12 | 0.04 | OK |
| | X:又-又 | 4.45 | -2.51 | 107.78 | 0.04 | 0.02 | OK |
| | X:又-又 | -5.59 | -3.96 | 111.83 | 0.05 | 0.04 | OK |
| | X:又-Y２ | -24.51 | -11.66 | 115.00 | 0.21 | 0.10 | OK |
| | X:Y２-又 | 31.50 | 10.39 | 121.69 | 0.26 | 0.09 | OK |
| | X:又-又 | 19.14 | 5.50 | 123.95 | 0.15 | 0.04 | OK |
| | X:又-又 | 16.10 | 4.58 | 132.90 | 0.12 | 0.03 | OK |
| | X:又-又 | 9.26 | 2.40 | 141.38 | 0.07 | 0.02 | OK |
| | X:又-Y３ | 4.69 | 0.84 | 145.92 | 0.03 | 0.01 | OK |
| | X:Y３-又Y３ | 38.15 | 13.40 | 148.39 | 0.26 | 0.09 | OK |
| | X:又Y３-又Y３ | 35.05 | 12.60 | 149.25 | 0.23 | 0.08 | OK |
| | X:又Y３-又Y３ | 30.73 | 10.85 | 149.43 | 0.21 | 0.07 | OK |
| | X:又Y３-又 | 31.49 | 11.20 | 150.12 | 0.21 | 0.07 | OK |
| | X:又-又 | 32.35 | 11.89 | 151.10 | 0.21 | 0.08 | OK |
| | X:又-又 | 31.05 | 12.01 | 153.39 | 0.20 | 0.08 | OK |
| | X:又-Y４ | 32.49 | 12.70 | 154.46 | 0.21 | 0.08 | OK |
| | X:Y４-又Y４ | 33.55 | 13.66 | 155.34 | 0.22 | 0.09 | OK |
| | X:又Y４-又Y４ | 41.29 | 16.71 | 155.45 | 0.27 | 0.11 | OK |
| | X:又Y４-又Y４ | 31.96 | 12.89 | 155.81 | 0.21 | 0.08 | OK |
| | X:又Y４-又Y４ | 37.88 | 15.39 | 156.48 | 0.24 | 0.10 | OK |
| | X:又Y４-又Y４ | 42.55 | 17.50 | 157.23 | 0.27 | 0.11 | OK |
| | X:又Y４-又Y４ | 41.12 | 17.17 | 157.71 | 0.26 | 0.11 | OK |
| | X:又Y４-又 | 44.26 | 18.67 | 158.71 | 0.28 | 0.12 | OK |
| | X:又-又 | 39.23 | 17.38 | 160.47 | 0.24 | 0.11 | OK |
| | X:又-又 | 50.55 | 22.02 | 135.15 | 0.37 | 0.16 | OK |
| | X:又-又 | 52.08 | 23.26 | 135.66 | 0.38 | 0.17 | OK |
| | X:又-又 | 46.47 | 21.03 | 135.97 | 0.34 | 0.15 | OK |
| | X:又-又 | 46.08 | 21.03 | 136.17 | 0.34 | 0.15 | OK |

| 条件(※1) | | Qks | Qws | Qa | 検定値 | 検定値 | 判 |
|---|---|---|---|---|---|---|---|
| 階 | 方向：位置 | | | | (地震) | (風圧) | 定 |
| 1 | X:又-又 | 43.88 | 20.13 | 136.76 | 0.32 | 0.15 | OK |
| | X:又-又 | 38.84 | 18.59 | 137.44 | 0.28 | 0.14 | OK |
| | X:又-又 | 30.00 | 15.14 | 136.82 | 0.22 | 0.11 | OK |
| | X:又-又 | 40.91 | 19.60 | 133.53 | 0.31 | 0.15 | OK |
| | X:又-又 | 31.44 | 16.45 | 128.09 | 0.25 | 0.13 | OK |
| | X:又-Y５ | 22.74 | 13.27 | 124.86 | 0.18 | 0.11 | OK |
| | X:Y５-又Y５ | -10.43 | 4.28 | 119.88 | 0.09 | 0.04 | OK |
| | X:又Y５-又Y５ | -6.12 | 4.44 | 114.85 | 0.05 | 0.04 | OK |
| | X:又Y５-又Y５ | -10.48 | 3.75 | 112.15 | 0.09 | 0.03 | OK |
| | X:又Y５-又Y５ | -17.45 | -2.25 | 108.15 | 0.16 | 0.02 | OK |
| | X:又Y５-又Y５ | -19.58 | -3.01 | 104.51 | 0.19 | 0.03 | OK |
| | X:又Y５-又Y５ | -11.03 | 3.78 | 104.44 | 0.11 | 0.04 | OK |
| | X:又Y５-又 | -15.15 | 5.53 | 100.91 | 0.15 | 0.05 | OK |
| | X:又-又 | -20.03 | -2.39 | 96.32 | 0.21 | 0.02 | OK |
| | X:又-又 | -23.97 | -3.65 | 95.94 | 0.25 | 0.04 | OK |
| | X:又-又 | -19.57 | 2.11 | 97.12 | 0.20 | 0.02 | OK |
| | X:又-又 | -17.58 | 2.85 | 97.93 | 0.18 | 0.03 | OK |
| | X:又-Y６ | -18.99 | 1.66 | 98.40 | 0.19 | 0.02 | OK |
| | X:Y６-又Y６ | -48.06 | -13.45 | 98.80 | 0.49 | 0.14 | OK |
| | X:又Y６-又 | -53.55 | -15.37 | 99.68 | 0.54 | 0.15 | OK |
| | X:又-又 | -56.23 | -16.42 | 95.90 | 0.59 | 0.17 | OK |
| | X:又-Y７ | -64.30 | -19.75 | 92.28 | 0.70 | 0.21 | OK |
| | X:Y７-又Y７ | -36.79 | -8.95 | 90.22 | 0.41 | 0.10 | OK |
| | X:又Y７-又 | -46.39 | -13.28 | 83.27 | 0.56 | 0.16 | OK |
| | X:又-又 | -49.92 | -15.06 | 100.07 | 0.50 | 0.15 | OK |
| | X:又-Y８ | -49.22 | -15.06 | 96.11 | 0.51 | 0.16 | OK |
| | X:Y８-Y９ | -15.73 | -6.22 | 22.51 | 0.70 | 0.28 | OK |
| | Y:X０-X２ | 54.94 | 26.18 | 130.14 | 0.42 | 0.20 | OK |
| | Y:X２-X３ | 16.56 | 11.23 | 130.14 | 0.13 | 0.09 | OK |
| | Y:X３-X４ | 19.91 | 13.88 | 130.14 | 0.15 | 0.11 | OK |
| | Y:X４- | 45.66 | 31.71 | 123.37 | 0.37 | 0.26 | OK |
| | Y:-X５ | 48.85 | 34.93 | 123.37 | 0.40 | 0.28 | OK |
| | Y:X５-X６ | -46.32 | -12.52 | 80.56 | 0.57 | 0.16 | OK |
| | Y:X６-X７ | -49.20 | -11.07 | 80.56 | 0.61 | 0.14 | OK |
| | Y:X７-又X７ | -10.06 | 16.11 | 123.37 | 0.08 | 0.13 | OK |
| | Y:又X７-X８ | -32.39 | 11.04 | 123.37 | 0.26 | 0.09 | OK |
| | Y:X８-X９ | -43.36 | -4.67 | 123.37 | 0.35 | 0.04 | OK |
| | Y:X９-又X９ | 31.62 | 35.35 | 103.61 | 0.31 | 0.34 | OK |
| | Y:又X９-X10 | 31.39 | 35.49 | 104.40 | 0.30 | 0.34 | OK |
| | Y:X10-又X10 | 20.44 | 29.40 | 103.91 | 0.20 | 0.28 | OK |
| | Y:又X10-又X10 | 20.44 | 29.46 | 100.78 | 0.20 | 0.29 | OK |
| | Y:又X10-又X10 | 15.90 | 27.13 | 97.24 | 0.16 | 0.28 | OK |
| | Y:又X10-又X10 | 13.85 | 26.10 | 94.29 | 0.15 | 0.28 | OK |
| | Y:又X10-又X11 | 12.47 | 25.60 | 91.88 | 0.14 | 0.28 | OK |
| | Y:又X11-又X11 | 12.71 | 25.82 | 87.86 | 0.14 | 0.29 | OK |
| | Y:又X11-又X11 | 6.58 | 22.75 | 84.12 | 0.08 | 0.27 | OK |
| | Y:又X11-又X11 | 5.36 | 22.04 | 83.71 | 0.06 | 0.26 | OK |
| | Y:又X11-又X11 | 10.42 | 24.88 | 83.61 | 0.12 | 0.30 | OK |
| | Y:又X11-又X11 | 8.41 | 23.81 | 83.61 | 0.10 | 0.28 | OK |

| 条件(※1) | | Qks | Qws | Qa | 検定値 | 検定値 | 判 |
|---|---|---|---|---|---|---|---|
| 階 | 方向：位置 | | | | (地震) | (風圧) | 定 |
| 1 | Y:又X11-又X12 | 8.65 | 24.03 | 75.29 | 0.11 | 0.32 | OK |
| | Y:又X12-又X12 | -2.15 | 19.64 | 74.26 | 0.03 | 0.26 | OK |
| | Y:又X12-又X12 | 5.87 | 22.84 | 73.87 | 0.08 | 0.31 | OK |
| | Y:又X12-又X12 | 7.82 | 23.96 | 73.37 | 0.11 | 0.33 | OK |
| | Y:又X12-又X12 | 9.86 | 25.14 | 72.17 | 0.14 | 0.35 | OK |
| | Y:又X12-又X13 | 12.90 | 26.75 | 68.66 | 0.19 | 0.39 | OK |
| | Y:又X13-又X13 | 14.02 | 27.49 | 66.07 | 0.21 | 0.42 | OK |
| | Y:又X13-又X13 | 14.35 | 27.75 | 66.07 | 0.22 | 0.42 | OK |
| | Y:又X13-又X14 | 13.69 | 26.98 | 66.07 | 0.21 | 0.41 | OK |
| | Y:又X14-又X14 | 7.95 | 23.31 | 66.07 | 0.12 | 0.35 | OK |
| | Y:又X14-又X14 | 6.03 | 22.09 | 66.07 | 0.09 | 0.33 | OK |
| | Y:又X14-又X15 | 9.11 | 23.75 | 66.07 | 0.14 | 0.36 | OK |
| | Y:又X15-又X15 | 2.13 | 19.11 | 63.22 | 0.03 | 0.30 | OK |
| | Y:又X15-又X15 | 2.30 | 18.80 | 59.65 | 0.04 | 0.32 | OK |
| | Y:又X15-又X15 | -2.52 | 16.56 | 58.33 | 0.04 | 0.28 | OK |
| | Y:又X15-又X15 | 6.77 | 20.82 | 56.48 | 0.12 | 0.37 | OK |
| | Y:又X15-又X16 | 7.49 | 20.76 | 55.23 | 0.14 | 0.38 | OK |
| | Y:又X16-又X16 | 10.78 | 22.06 | 55.23 | 0.20 | 0.40 | OK |
| | Y:又X16-又X16 | 7.51 | 19.39 | 55.23 | 0.14 | 0.35 | OK |
| | Y:又X16-又X16 | 9.39 | 20.27 | 55.23 | 0.17 | 0.37 | OK |
| | Y:又X16-又X17 | 10.26 | 20.61 | 55.23 | 0.19 | 0.37 | OK |
| | Y:又X17-又X17 | 3.06 | 15.27 | 55.23 | 0.06 | 0.28 | OK |
| | Y:又X17-又X18 | 5.67 | 16.68 | 55.23 | 0.10 | 0.30 | OK |
| | Y:又X18-又X18 | -2.85 | 13.91 | 53.47 | 0.05 | 0.26 | OK |
| | Y:又X18-又X19 | -10.99 | 8.56 | 44.39 | 0.25 | 0.19 | OK |
| | Y:又X19-又X19 | -15.17 | 3.32 | 41.30 | 0.37 | 0.08 | OK |
| | Y:又X19-又X19 | -11.56 | 4.77 | 38.62 | 0.30 | 0.12 | OK |
| | Y:又X19-又X20 | -11.10 | 4.86 | 35.53 | 0.31 | 0.14 | OK |
| | Y:又X20-又X20 | -10.17 | 3.43 | 30.18 | 0.34 | 0.11 | OK |
| | Y:又X20-又X21 | -9.58 | 2.19 | 24.08 | 0.40 | 0.09 | OK |
| | Y:又X21-又X21 | -10.69 | -0.50 | 21.33 | 0.50 | 0.02 | OK |
| | Y:又X21-又X21 | -8.42 | 1.21 | 18.16 | 0.46 | 0.07 | OK |
| | Y:又X21-又X22 | -2.87 | 2.79 | 11.98 | 0.24 | 0.23 | OK |