

屋根：  
 フルバウム鋼板 t=0.4mm 平葺き  
 改良アスファルト防水  
 高耐久エポキシルーフガード  
 木工スチール 50×50×2.3 @666mm  
 roof: galvanized steel sheet flat-slab roofing t=0.4mm  
 refined asphalt waterproofing  
 phenolic foam roof insulation panel t=43mm  
 rafters: steel 50×50×2.3 @666mm

図部・ベランダ詳細図 / window & veranda detail S:1/5

勾配 roof pitch 1 : 0.6

△最高高さ maximum height GL+10670

透かし天井: ヒノキ 12×80 @ 120mm 素地  
open stat ceiling:  
unfinished cypress  
12×80@120mm

内陣板: ヒノキ半合板 t=12mm  
interior roof:  
cypress plywood t=12mm  
washi paper finish

スチールフレーム: 鋼材  
t=2.3mm  
eave & gutter  
steel sheet t=2.3mm  
baked paint finish

### (B) 開口部・ベランダ詳細図 / window & veranda detail S:1/5 勾配 roof pitch

勾配 roof pitch

This architectural cross-section drawing provides a detailed view of a traditional Japanese residence (Tower Machiya) across three floors. The drawing illustrates the complex timber frame structure, including the main floor (3F), intermediate floor (2F), and ground floor (1F). Key features include:

- Exterior:** The building has a steeply pitched roof with exposed timber rafters and a decorative eaves bracket system. The facade is made of vertical wooden slats.
- Interior:** The residence includes various rooms such as a living/dining room (リビング・ダイニング), bathroom (浴室), washroom (洗面所), entrance (玄関), and a tea room (茶室). The ceiling heights vary by floor, ranging from 2.3m to 4.8m.
- Materials:** The drawing specifies the use of cypress (ヒノキ), pine (スギ), and cedar (スギ) for structural elements and finishes. Other materials include plasterboard, acrylic emulsion paint, and expanded metal mesh.
- Structural Details:** The cross-section shows the timber frame, floor joists, and how the structure is supported by columns and beams. Stairs and landings are also depicted.

The drawing is annotated with Japanese text and technical specifications, providing a comprehensive look at the building's design and construction.

Power Machivg