

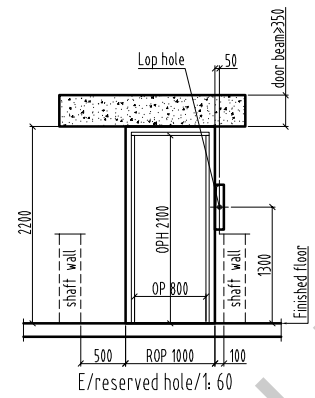
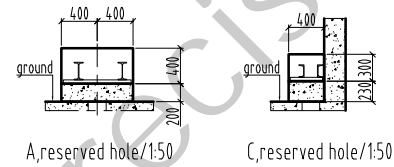
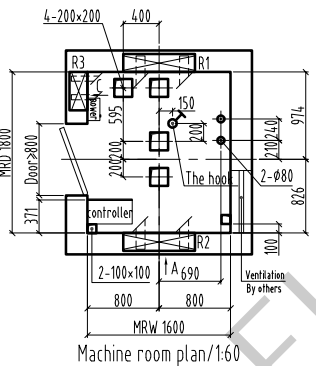
MR Passenger Elevator

Hoistway Structure

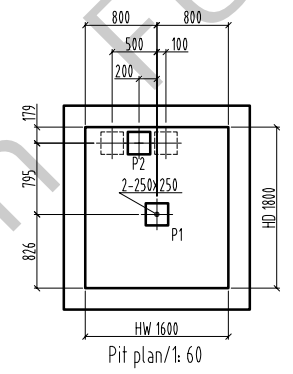
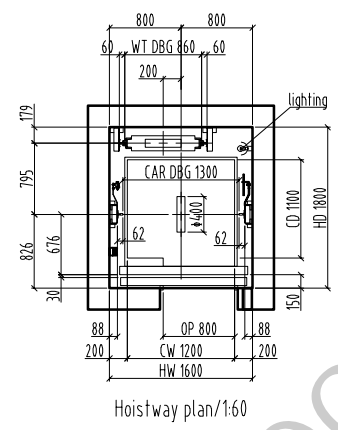
Concrete Brick & Concrete Other

Unstandard Standard

Compact type

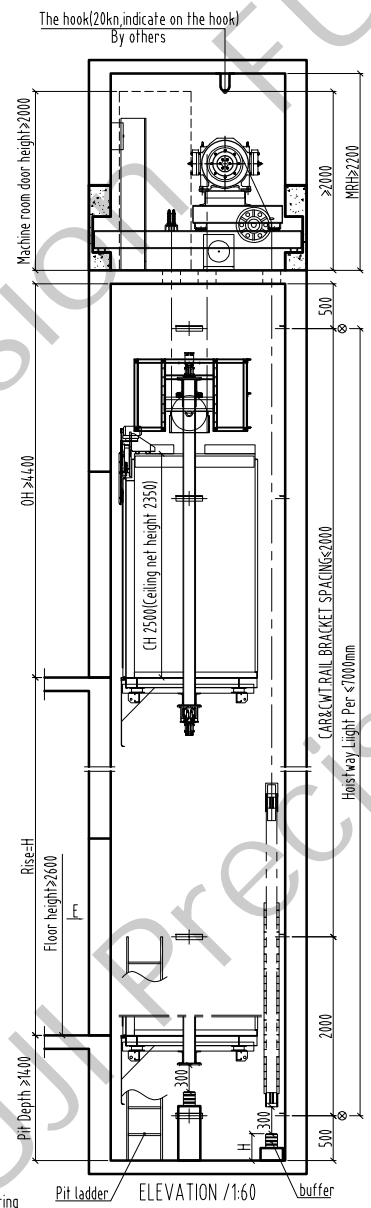


Bottom box Lop: 100x500 (base station) 100x400 (remaining stations)
No bottom box Lop hole: 950 hole



When $v < 1.0$ m/s, H=300; when 1.0 m/s $< v < 1.75$ m/s, H=800; when the lifting height is more than 35m, the buffer pier P2 is arranged according to the dotted line, the bearing capacity is pressed A single P2/2 calculation.

| NOTE | | | | Technical Requirement: | | | |
|---------|--|-----|---------------------|------------------------|-------------------------|-----------|-----------|
| HW | HOISTWAY WIDTH | CW | CAR INSIDE WIDTH | Type | TKJ450/1.0 -VF | | |
| HD | HOISTWAY DEPTH | CD | CAR INSIDE DEPTH | F/P/D | / / | Door type | Side open |
| OP | DOOR OPENING WIDTH | CH | CAR HEIGHT | load | 450 kg | speed | 1.0 m/s |
| ROP | WALL OPENING WIDTH | MRW | MACHINE ROOM WIDTH | Machine | MCK200 | Roping | 2 : 1 |
| OPH | DOOR OPENING HEIGHT | MRD | MACHINE ROOM DEPTH | T/sheave | φ 400 | D/sheave | φ 400 |
| OH | OVERHEAD HEIGHT | MRF | MACHINE ROOM HEIGHT | car sheave | φ 400 | CW sheave | φ 400 |
| CAR DBG | DISTANCE BETWEEN CAR GUIDE RAILS | | | Shaft | HW 1600 mm x HD 1800 mm | | |
| CWT DBG | DISTANCE BETWEEN COUNTERWEIGHT GUIDE RAILS | | | Cabin | CW 1200 mm x CD 1100 mm | | |
| | | | | Door | OP 800 mm x OPH 2100 mm | | |



| | | | | |
|---------|-------|-------|-------|-------|
| Speed | 1.0 | 1.5 | 1.75 | (m/s) |
| Power | 4.3 | 6.4 | 7.5 | (kw) |
| OH | ≥4400 | ≥4500 | ≥4600 | (mm) |
| Pit | ≥1400 | ≥1500 | ≥1600 | (mm) |
| current | | | | (A) |

380V 3phase 5wire, 50Hz, fluctuation ±7%

Support Force (N)

| | | | | | | | |
|-------|-------|------|----|-------|-------|----|----|
| R1 | R2 | R3 | R4 | P1 | P2 | P3 | P4 |
| 44800 | 27400 | 5400 | | 72000 | 56000 | | |

Technical Requirement

1. Power supply: machine room need equiped with power supply. Power supply box need be locked. Power supply should be 3P5 wires, 380V 50Hz. Voltage tolerance ±7%, input power more than 50% of motor power, also equiped with air switch same capacity with power supply, also allow the supplement leakage protector. When use VVVF, need use special leakage switch. Ground resistor should be < 4Ω. It should use insulated conductor from floor to machine room. Keep separte for null wire and ground wire.

2. Shaft requirement, it should be only for lift, can not install non-related device(pipe, cable etc), and should keep the person entre into. The shaft plan size mean the min size measured by plumb line, tolerance ±50mm. Basically not allow the protruding beam and column. The proof pressure of shaft side should be > 24MPa. Recommend to use full concrete, can not use the reserved steel. In case use solid brick, it should use reserved steel or make the ring beam on the surface of reserved steel, height > 300mm. If use hollow brick, can choose C25 concrete fill into the wall, also make the ring beam on the surface of reserved steel, height > 300mm. If the shaft front wall is brick construction, it should make the concrete beam upsid of door hole to fix the landing door bracket, height > 300mm. If have the requirement in the drawing, it should make the concrete in the entrance of hall door. It should equiped with lamp, brightness > 50lx, install the lamp at 0.5m from the top and the bottom, in the middle, each lamp at < 1m. The buffer block should be made accompany with special person. before that need make the reserved 240x25 joint bar, > 12mm, height > 500mm from the pit floor, and should water proof. Keep the space for person entrance. Pit ladder is by user. Should installed it in a suitable place. If there have basement downside of the pit should make the buffer block extend to the solid floor downside. If the floor distance between 2 floor > 1m, should set the safe door with the width 350mm, height 1800mm.

| | |
|-------|--------|
| OH | ≥4400 |
| Rise | H |
| 26 F | |
| 25 F | |
| 24 F | |
| 23 F | |
| 22 F | |
| 21 F | |
| 20 F | |
| 19 F | |
| 18 F | |
| 17 F | |
| 16 F | |
| 15 F | |
| 14 F | |
| 13 F | |
| 12 F | |
| 11 F | |
| 10 F | |
| 9 F | |
| 8 F | |
| 7 F | |
| 6 F | |
| 5 F | |
| 4 F | |
| 3 F | |
| 2 F | |
| 1 F | |
| G F | |
| B F | |
| Pit | ≥1400 |
| Floor | Height |

FTK 450-05-

Project name

FUJI PRECISION