

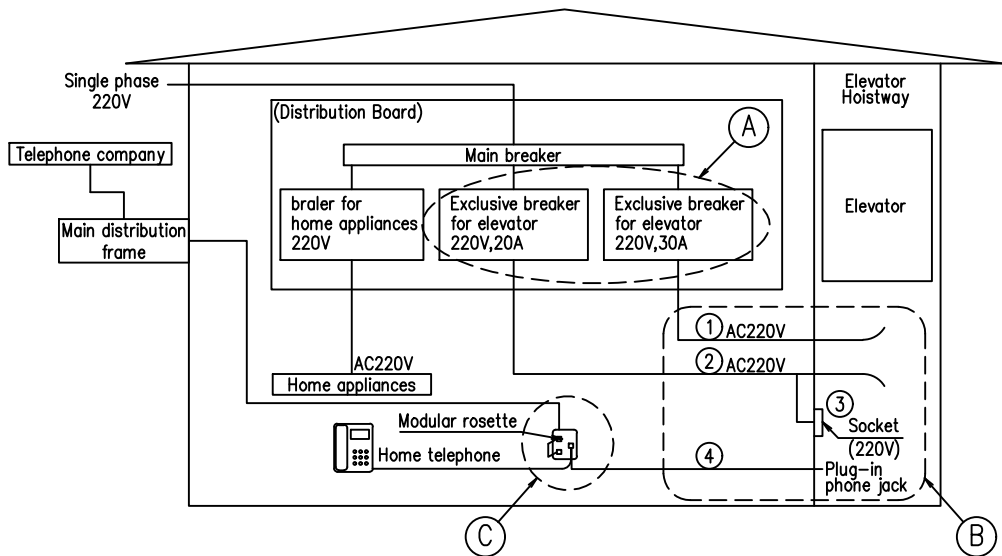
Home Elevator (MIDI30 (PIT300) –Steel (Front opening only))

(manufactured by Panasonic Elevator Co., Ltd.)

Home Elevator Category of work

	Construction work	Electrical work	Telephone work	Elevator work
Build the hoistway and open the door opening	●			
Finish the foundation work of the pit	●			
Finish the pit with waterproof	●			
Install hoisting beam or hook at the top of the hoistaway	●			
Install the temporary power supply for elevator installation construction		●		
Install guide rails				●
Install Entrance door flames.				●
Finish the floor and wall after installation each entrance doors	●			
Install power supply wiring into the hoistway (220V)		●		
Install the socket for the maintenance		●		
Install the modular rosette for car inside telephone		●		
Install the phone pipe for car inside telephone		●		
Install the phone wiring for car inside telephone		●		
Install electrical and phone wiring to into the hoistway				●
Install and connect the phone line			●	
Install the power supply for the test run(220V)		●		

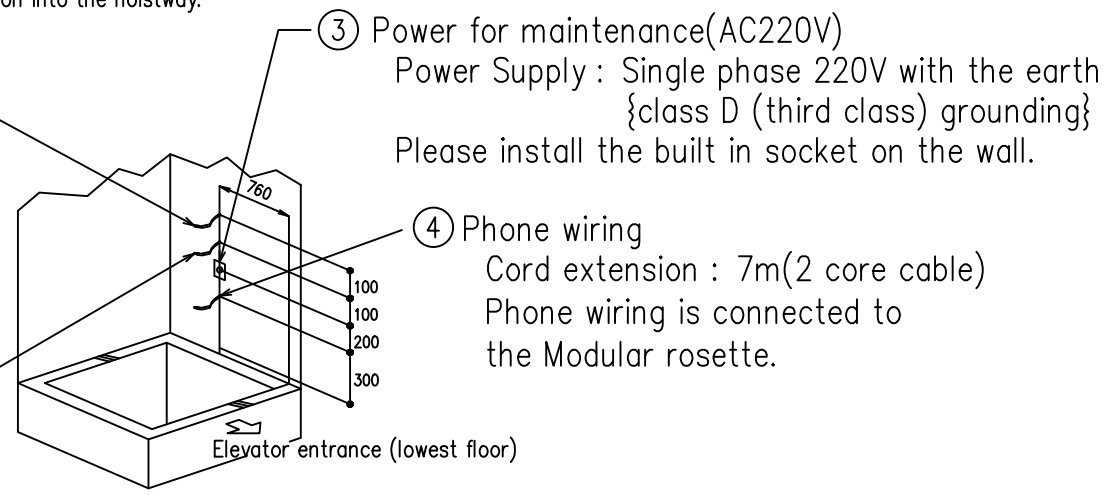
Electrical/Telephone work



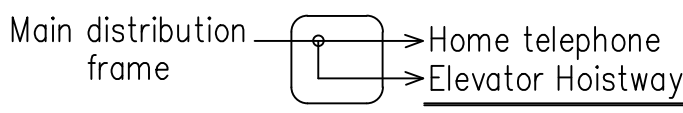
- Ⓐ Installation Exclusive breaker for Elevator
- Main breaker
 - *Main breaker have to be an Earth leakage breakers.
 - *Main breaker have to be adapted to the inverter.
 - Exclusive breaker for elevator (Single phase 220V,30A)
 - *The breaker have to be adapted to the inverter.
 - Exclusive breaker for elevator (Single phase 220V,20A)
 - *The breaker have to be adapted to the inverter.
 - Power supply capacity front opening only : 4.6kVA

- Ⓑ Installation power supply and the socket in the hoistway
- *Please install the pipe and wire from the distribution board to the hoistway. It is also necessary to install the socket and cord extension into the hoistway.

- ① Power for motor/controller
- Power Supply : Single phase 220V with the earth {class D (third class) grounding}
- Cord extension : 7m(2 wires included the earth)
- Wire : 2.6mm dia
- ② Power for lights and etc.
- Power Supply : Single phase 220V with the earth {class D (third class) grounding}
- Cord extension : 7m(2 wires included the earth)
- Wire : 2.0mm dia

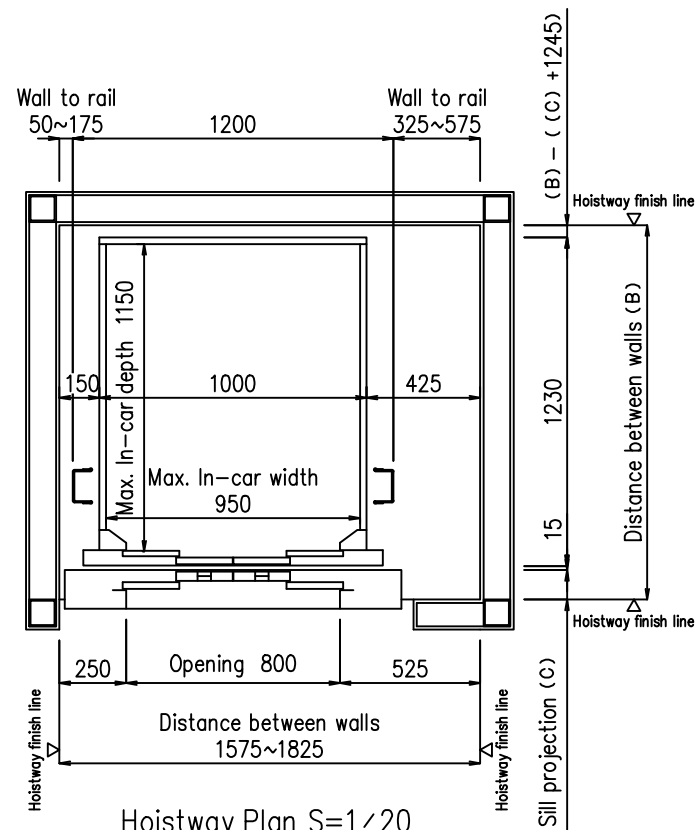


- Ⓒ Details for phone line connection
- Please branch off in the Modular rosette

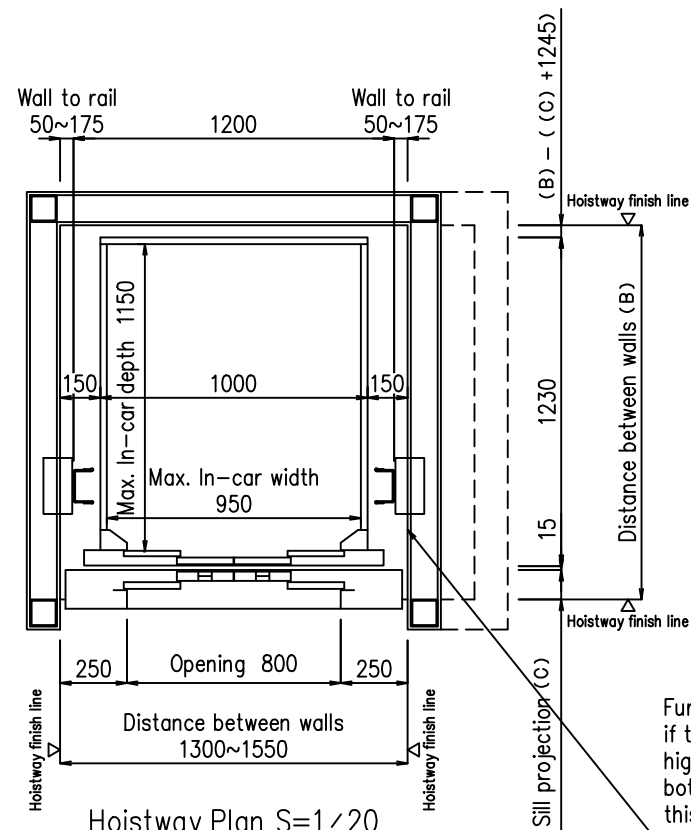


*Please select the modular rosette that matches the house.

- *1.Disclaimer
- 1.Repairment or replacement for defects damage results from third party other than SELLER.
 - 2.Defects or damage results from a fire, an earthquake, flood or an extraordinary natural phenomenon.
- *2.Caution
- 1.There should be no crack in the hoistway due to the persons or objects outside the hoistway cannot come in contact with cages or devices.
 - 2.Pipe of gas, water, and electrical line expect compulsory parts of elevator must not be installed in hoistways.
 - 3.Pit must be finished with waterproof.
 - 4.Telephone inside the car must be connected.
 - 5.Home elevator needs the regular inspection and maintenance.

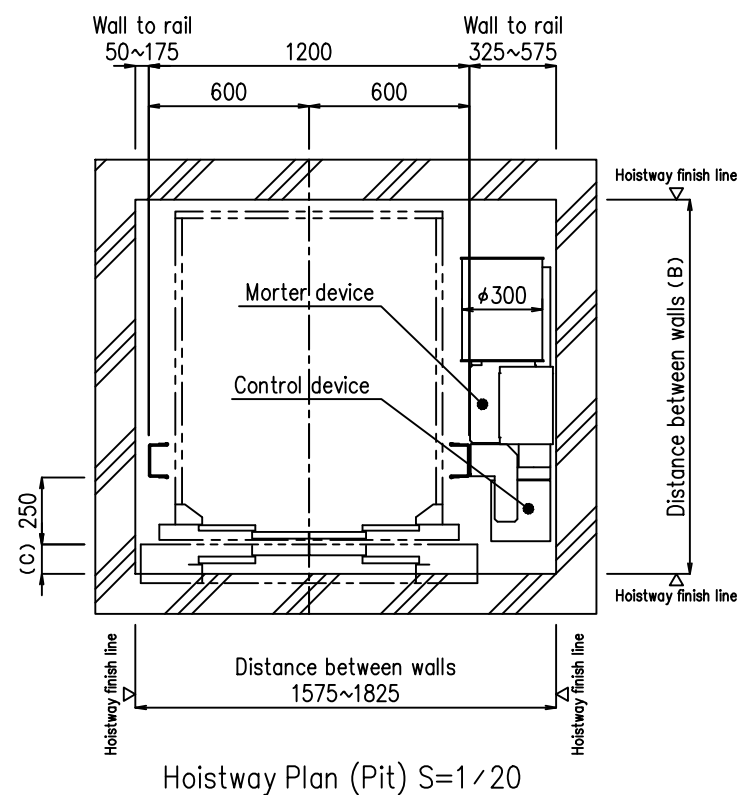


Hoistway Plan S=1/20
(From the bottom FL of hoistway to a height of 2000mm)



Hoistway Plan S=1/20
(More than 2000mm higher than the bottom FL of hoistway)

Further consideration is required if the hoistway width of the part higher than 2000mm above the bottom FL of hoistway is wider than this drawing dimension.



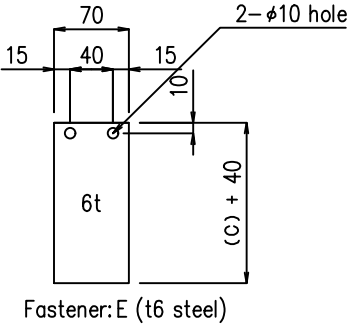
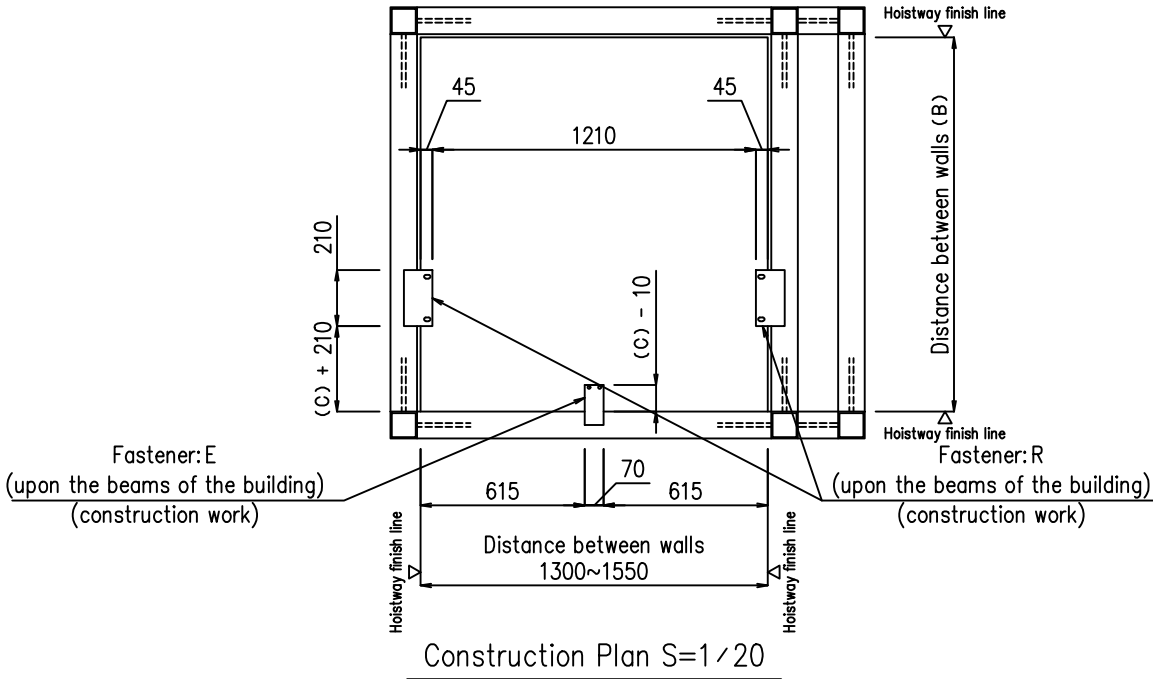
Hoistway Plan (Pit) S=1/20

The dimensions in this drawing include the allowable installation dimensions of the elevator. Therefore, consider the building tolerances of the hoistway during design and construction stages.

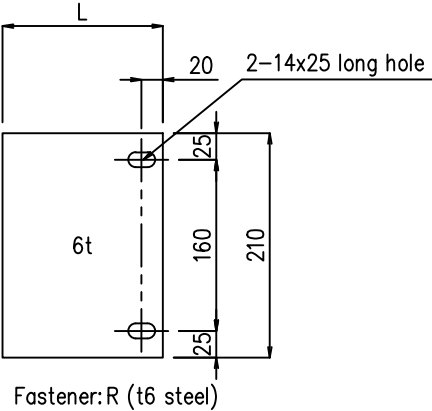
Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	1325mm ~ 1590mm	50 mm
	1400mm ~ 1650mm	110 mm

General Specification	MIDI30 (PIT300)
	Automatic Landing for power failure (Standard equipped)
Rated load	320kg
Capacity	4 people
Speed	UP: 20m / min. • DOWN: 30m / min. (For China , UP: 20m / min. • DOWN: 24m / min.)
Drive machine	Rope type(Drum type)
Stop	Max. 5
Entrance Arrangement	Front only
Door type	4 panel center opening
Car inside	950 W x 1150 D 2000 H
Opening	800 W x 1900 H
Rise	Max. 13m
Hoist Rope	φ8 x 2 nos. (1:1)
Motor	2.8kw

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	1325mm ~ 1590mm	50 mm
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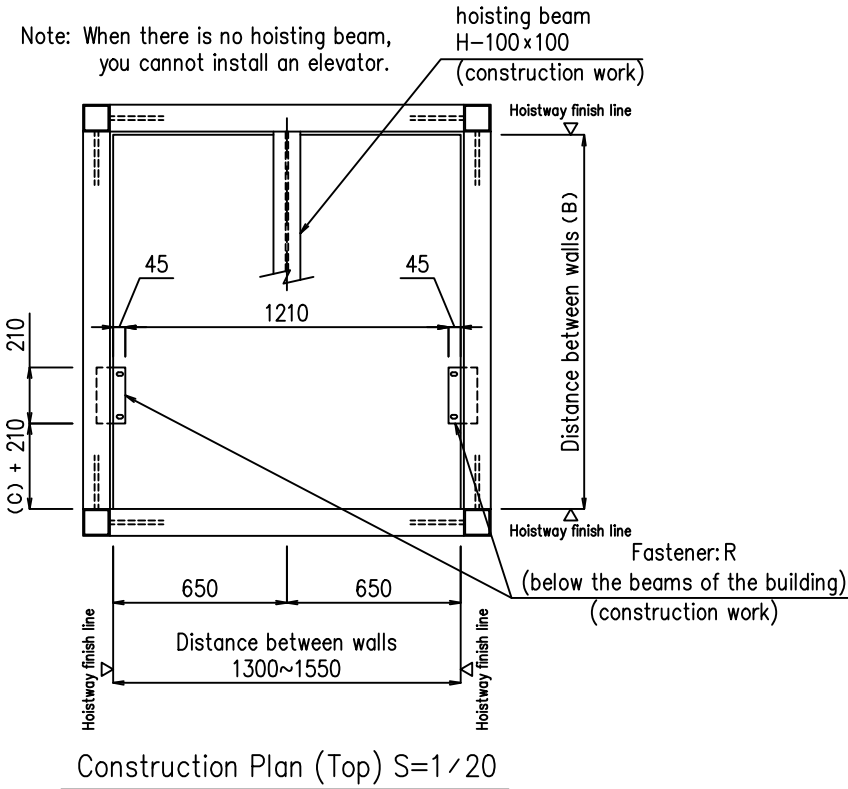
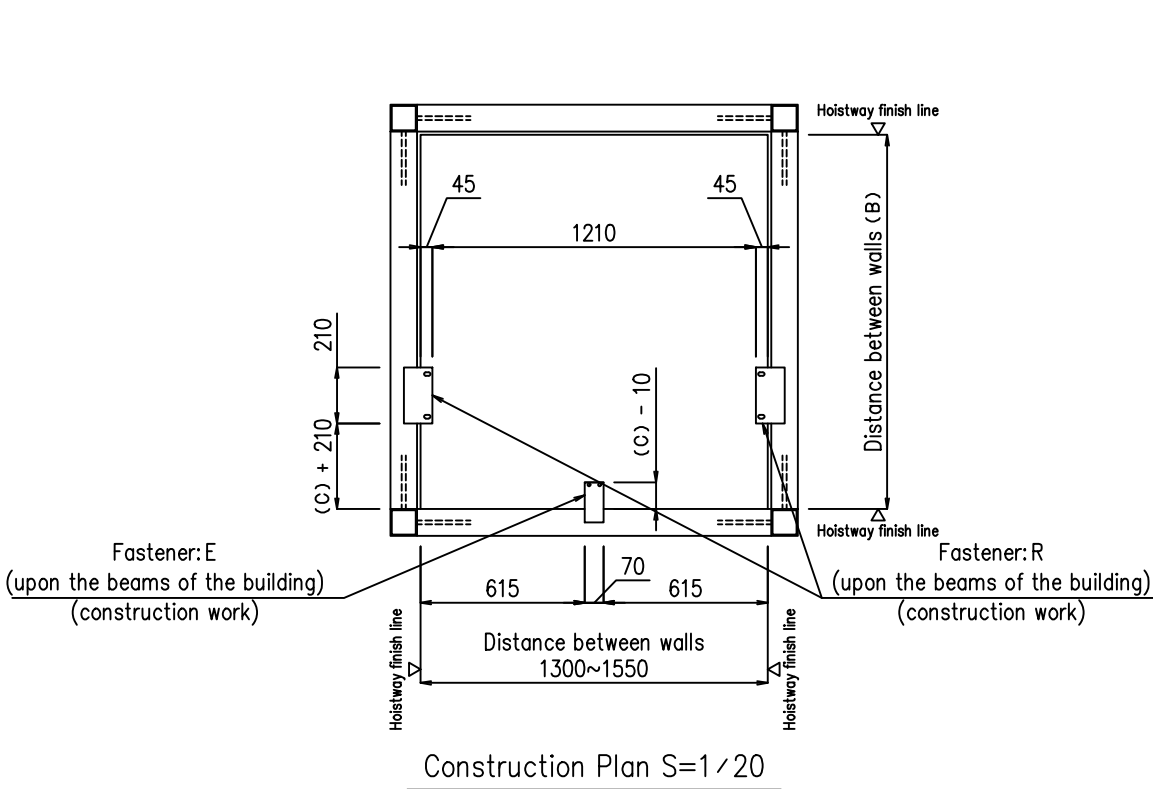


$$L = (HWY \text{ Width} - 1210) / 2 + 50(\text{weld}) + \text{Board THK}$$



*Weld around the whole plate with 5mm or more thickness.

Drawing for fastener plate production S=1/5



Panasonic Panasonic Elevator co.,Ltd.	Revision		Checked	Drawn	Building Name	MIDI30 (PIT300) –Steel (Front opening only)	Scale	Frame
			**	**	Drawing Name	Home Elevator Fitting with building structure	1/20	A-2
					Date	2025.01.01		
					Drawing No.	***** -36-00		

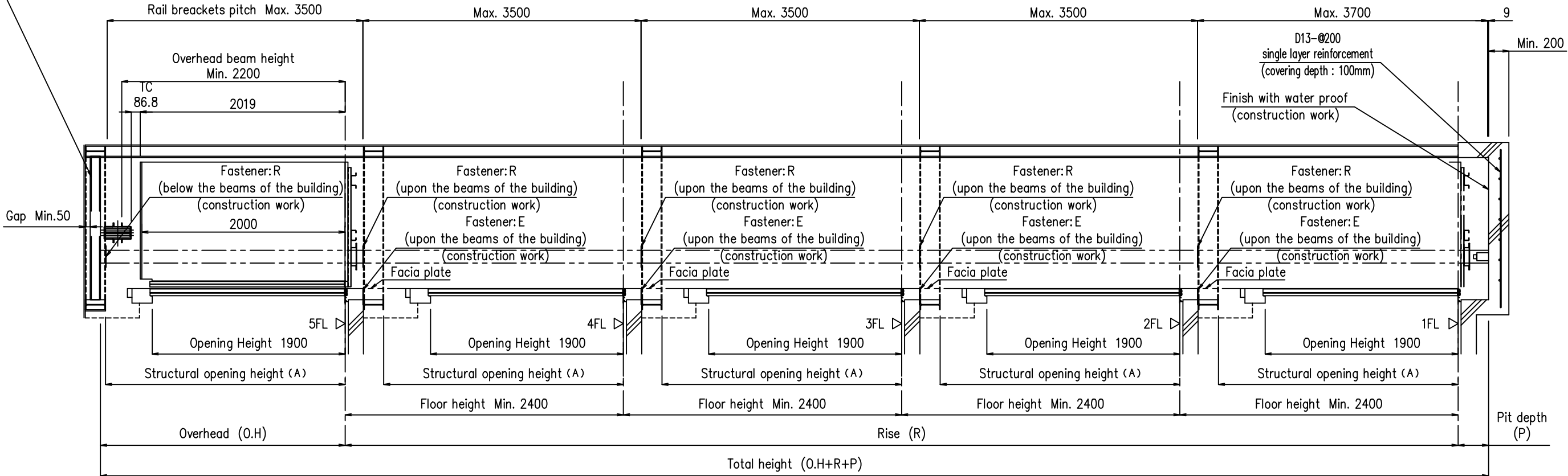
Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	1325mm ~ 1590mm	50 mm
	1400mm ~ 1650mm	110 mm

Note: When there is no hoisting beam, you cannot install an elevator.

hoisting beam
H-100x100
(construction work)

Max. Rail fixing spacing is 3700mm

Note : Max. Rail fixing spacing for second floor or higher floor have to be 3500mm.



Elevation S=1/30

Note: When a floor height is higher than 3500mm, an intermediate beam is necessary to add another elevator steel rail.

Max. Floor height is 3500mm.
However when the total height is higher than the following height, an intermediate beam is necessary.
2Floors : 7500mm
3Floors : 10600mm
4Floors : 13500mm
5Floors : 16400mm

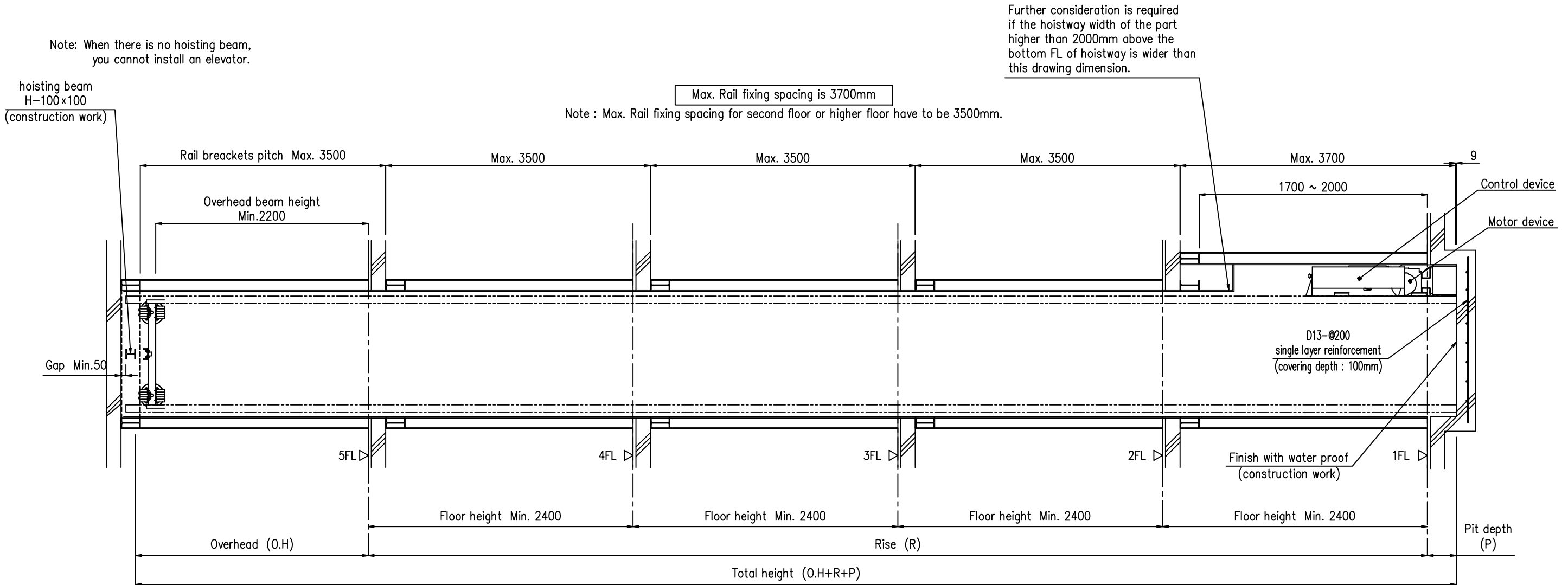
*Caution
Depth of pit should be from floor finish face with water proof.

The hoistway including the pit and overhead space should be constructed without gaps in order to prevent that people or objects outside touch the car or equipment inside the hoistway.

Rise (R)	Pit depth (P)	Overhead (O.H)
Max. 13000 mm	300~550 mm	2400~3100 mm

Panasonic Panasonic Elevator co.,Ltd.	Revision		Checked	Drawn	Building Name	MIDI30 (PIT300) –Steel (Front opening only)	Scale	Frame
			**	**	Drawing Name	Home Elevator Cross-section View	1/30	A-2
					Date	2025.01.01		
					Drawing No.	***** -46-00		

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	1325mm ~ 1590mm	50 mm
	1400mm ~ 1650mm	110 mm



Elevation S=1 / 30

Note: When a floor height is higher than 3500mm, an intermediate beam is necessary to add another elevator steel rail.

Max. Floor height is 3500mm.

However when the total height is higher than the following height, an intermediate beam is necessary.

2Floors : 7500mm

3Floors : 10600mm

4Floors : 13500mm

5Floors : 16400mm

*Caution

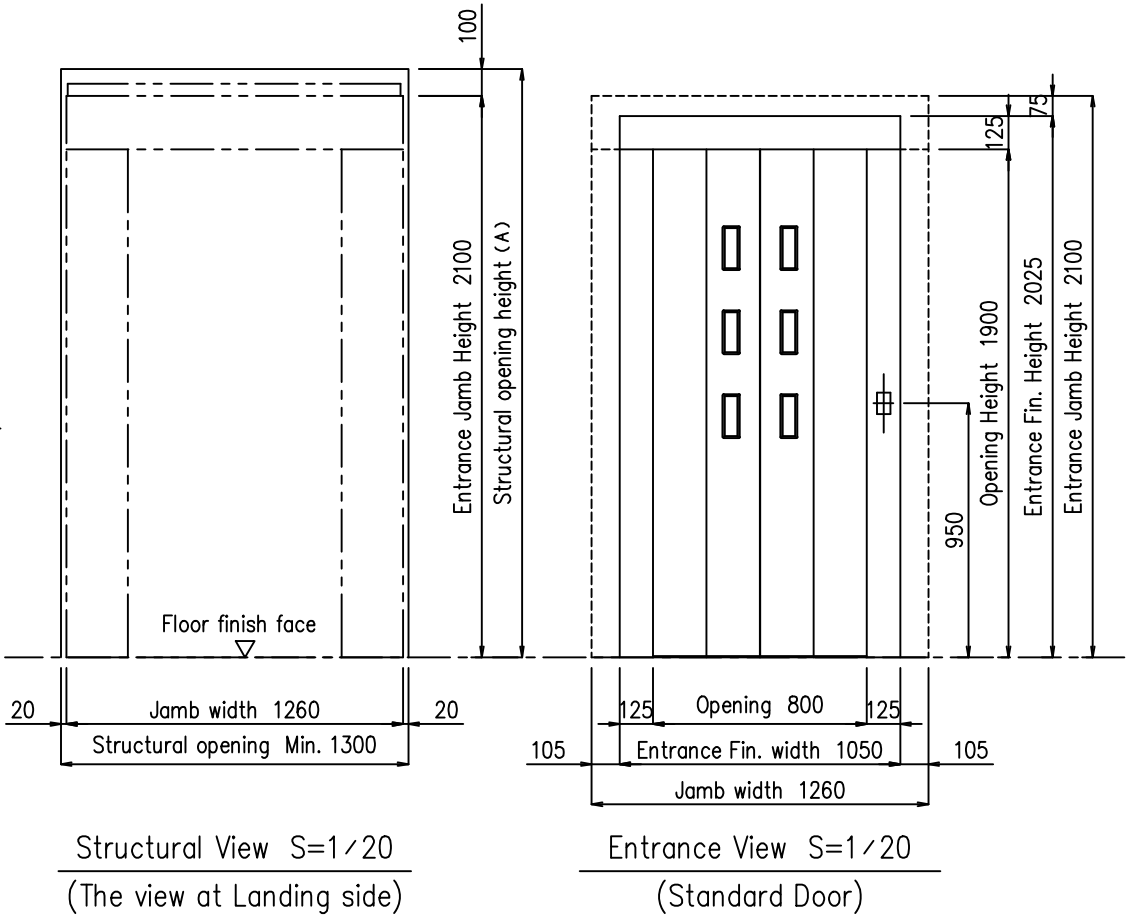
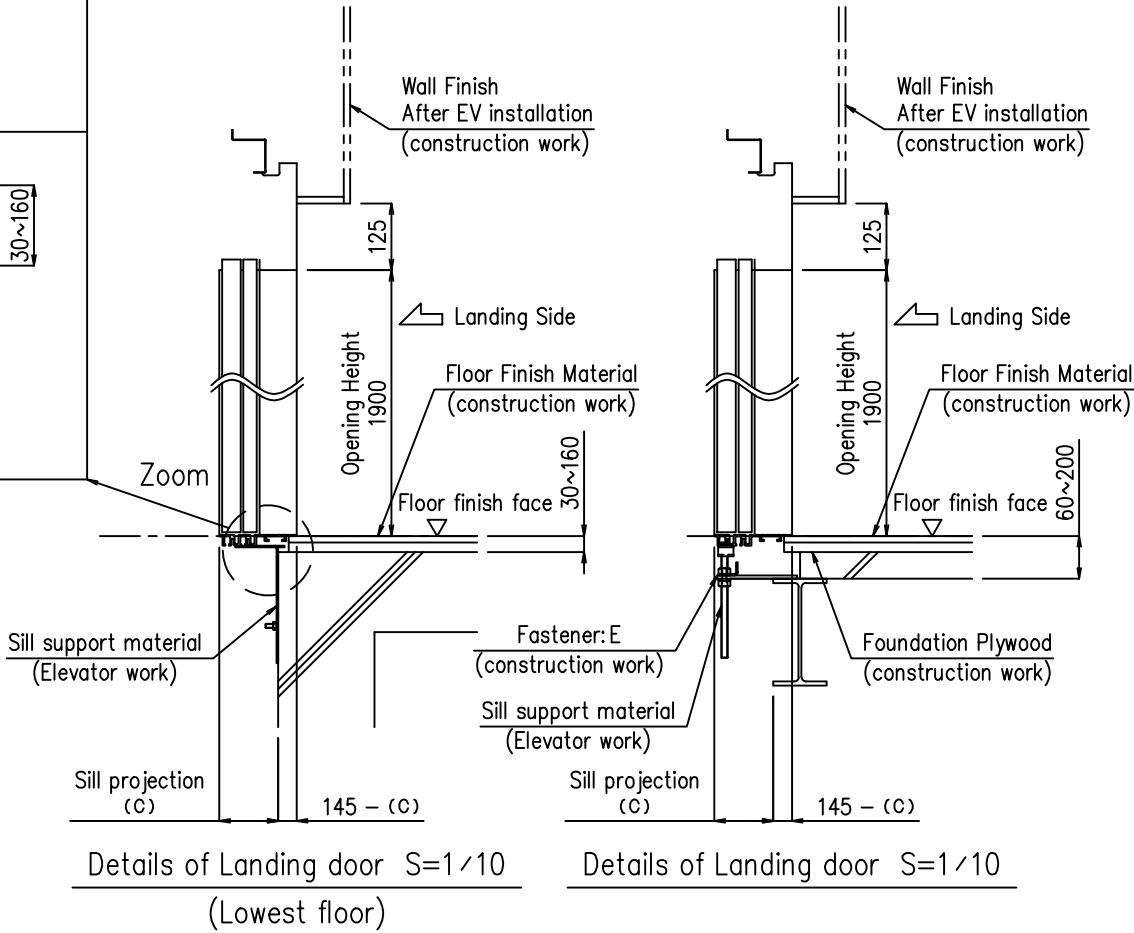
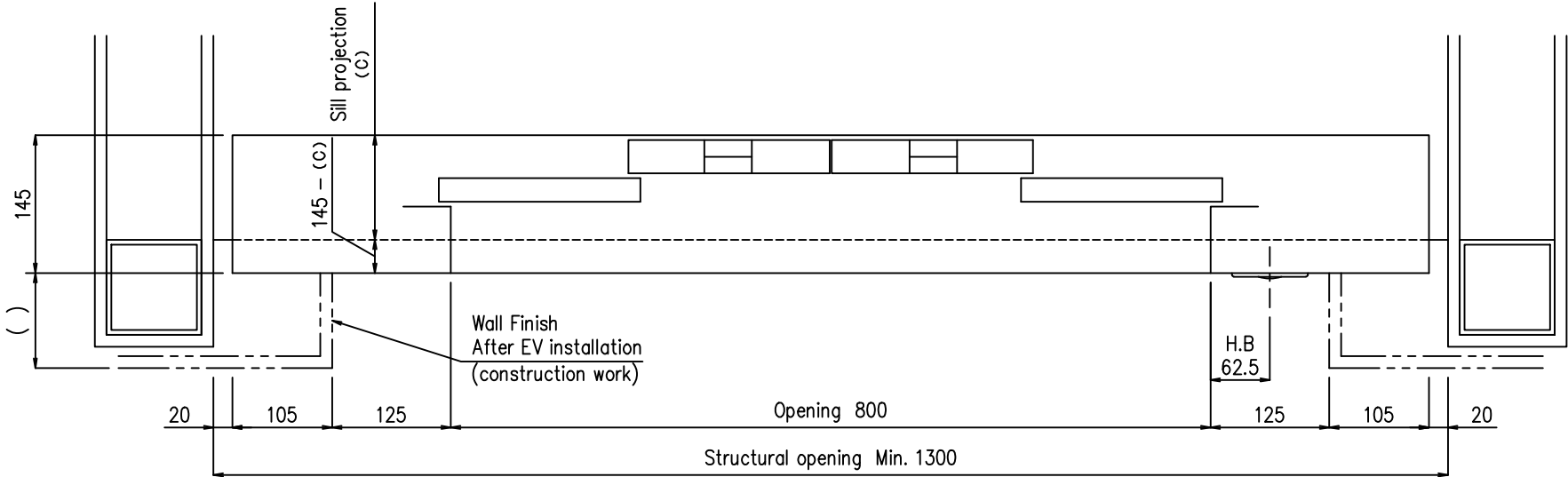
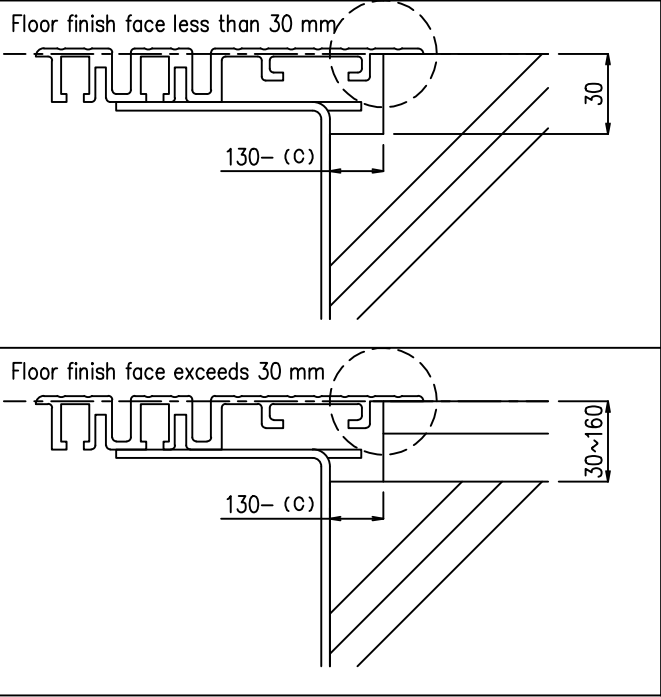
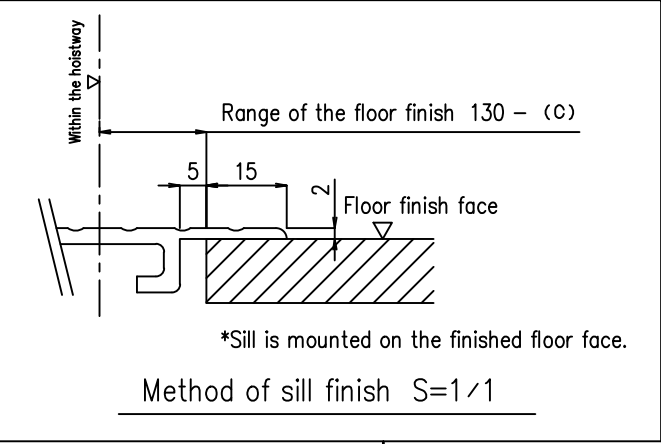
Depth of pit should be from floor finish face with water proof.

The hoistway including the pit and overhead space should be constructed without gaps in order to prevent that people or objects outside touch the car or equipment inside the hoistway.

Rise (R)	Pit depth (P)	Overhead (O.H)
Max. 13000 mm	300~550 mm	2400~3100 mm

Panasonic Panasonic Elevator co.,Ltd.	Revision		Checked	Drawn	Building Name	MIDI30 (PIT300) –Steel (Front opening only)	Scale	Frame
			**	**	Drawing Name	Home Elevator Cross-section View	1/30	A-2
					Date	2025.01.01		
					Drawing No.	***** –56–00		

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	1325mm ~ 1590mm	50 mm
	1400mm ~ 1650mm	110 mm



Revision		Checked	Drawn	Building Name	MIDI30 (PIT300) –Steel (Front opening only)	Scale	Frame
		**	**	Drawing Name	Home Elevator details of the Landing door and Landing wall	1/5・1/20	A-2
				Date	2025.01.01		
				Drawing No.	***** -66-00		