

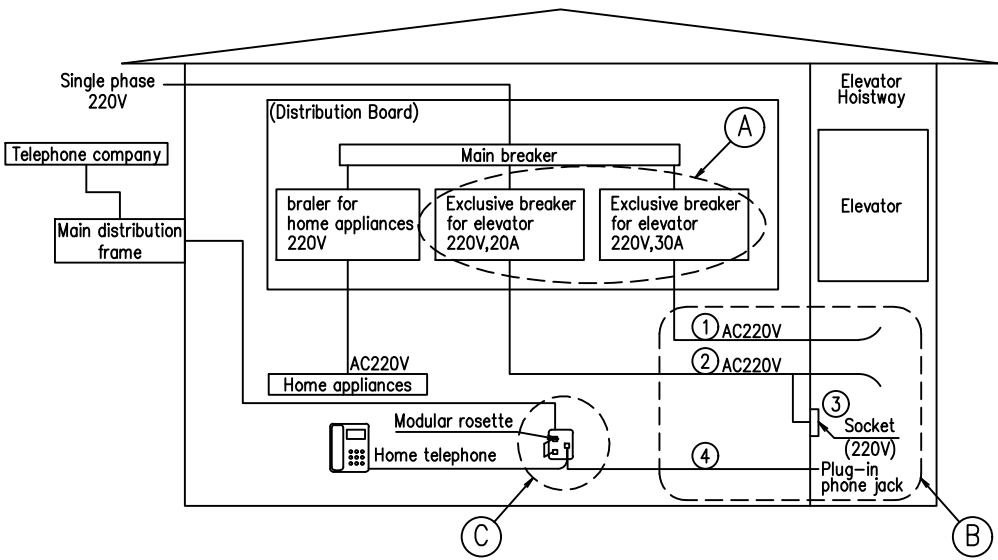
Home Elevator (MIDI30 (PIT300) –RC (Front opening only))

(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



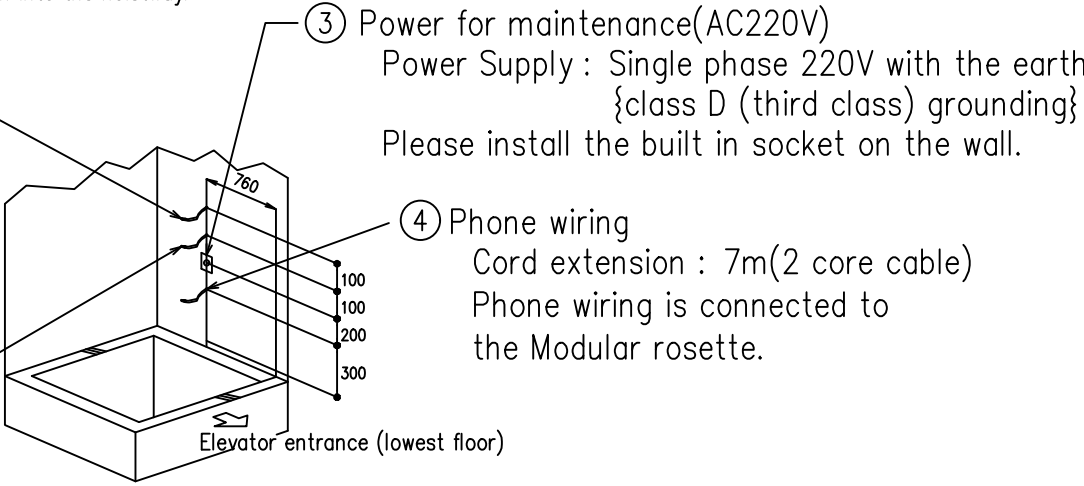
- ① Installation Exclusive breaker for Elevator
- Main breaker
 - *Main breaker have to be an Earth leakage breakers.
 - *Main breaker have to be adapted to the inverter.
 - Exclusive breaker for elevator (Single phase 220V,30A)
 - *The breaker have to be adapted to the inverter.
 - Exclusive breaker for elevator (Single phase 220V,20A)
 - *The breaker have to be adapted to the inverter.
 - Power supply capacity front opening only : 4.6kVA

② 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



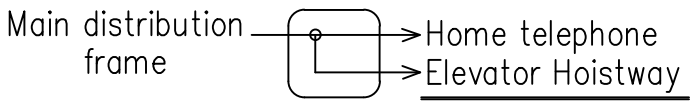
- ③ Power for maintenance(AC220V)
- Power Supply : Single phase 220V with the earth {class D (third class) grounding}
- Please install the built in socket on the wall.

- ④ Phone wiring
- Cord extension : 7m(2 core cable)
- Phone wiring is connected to the Modular rosette.

- *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.

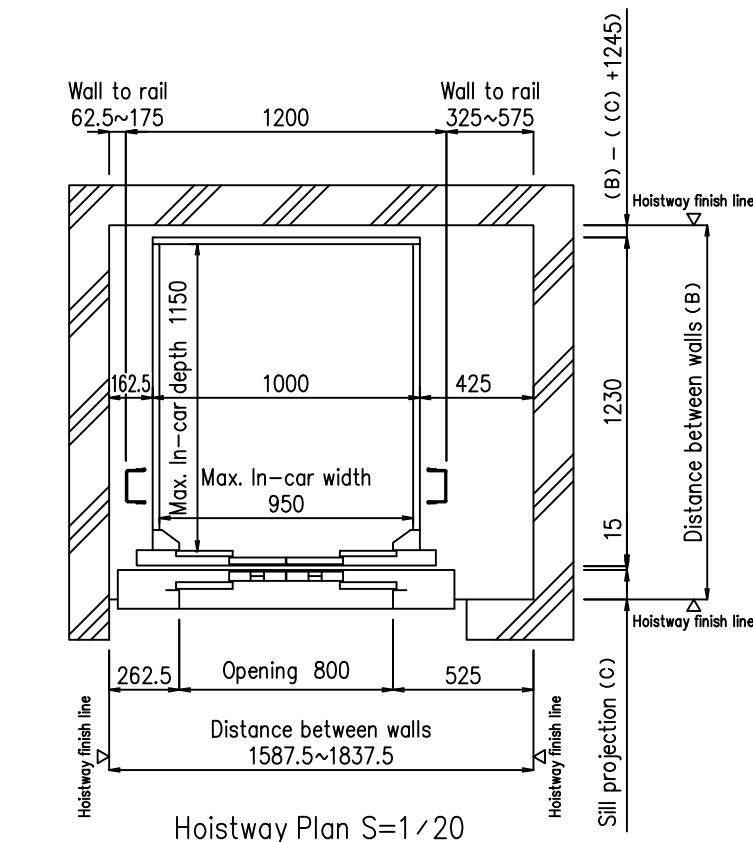
③ Details for phone line connection

Please branch off in the Modular rosette

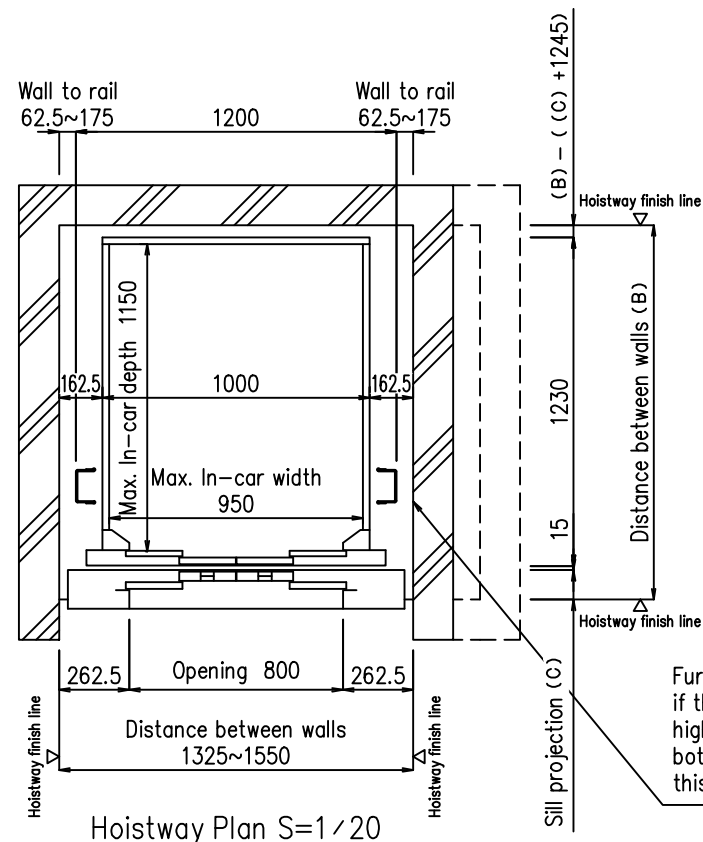


*Please select the modular rosette that matches the house.

 Panasonic Elevator Co., Ltd.	Revision		Checked	Drawn	Building Name	MIDI30 (PIT300) –RC (Front opening only)	Scale	Frame
			**	**	Drawing Name	Home Elevator category of work / Electrical specification	-	A-2
					Date	2024.10.01		
					Drawing No.	***** -16-00		

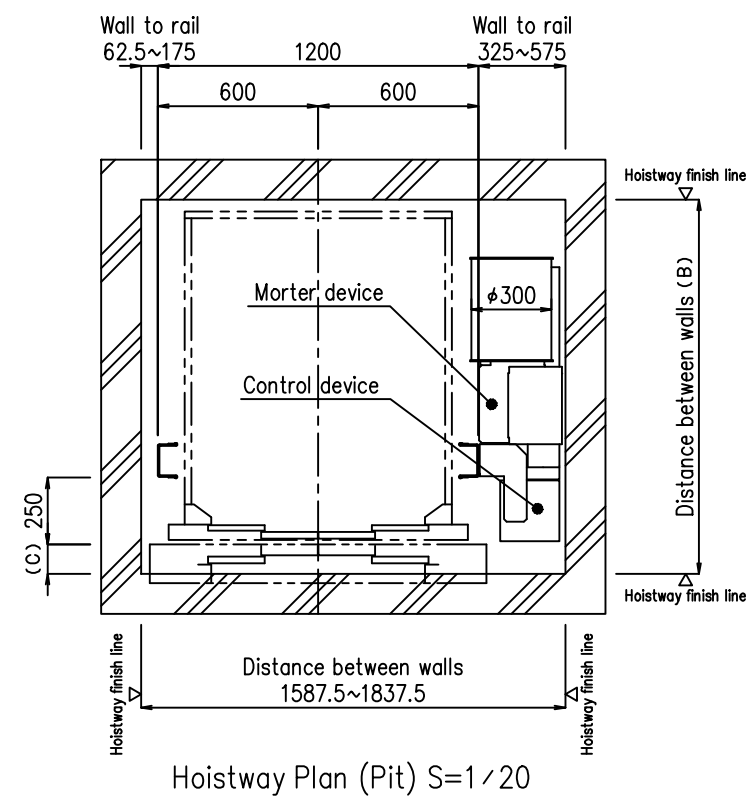


Hoistway Plan S=1/20
(From the bottom FL of hoistway to a height of 2000mm)

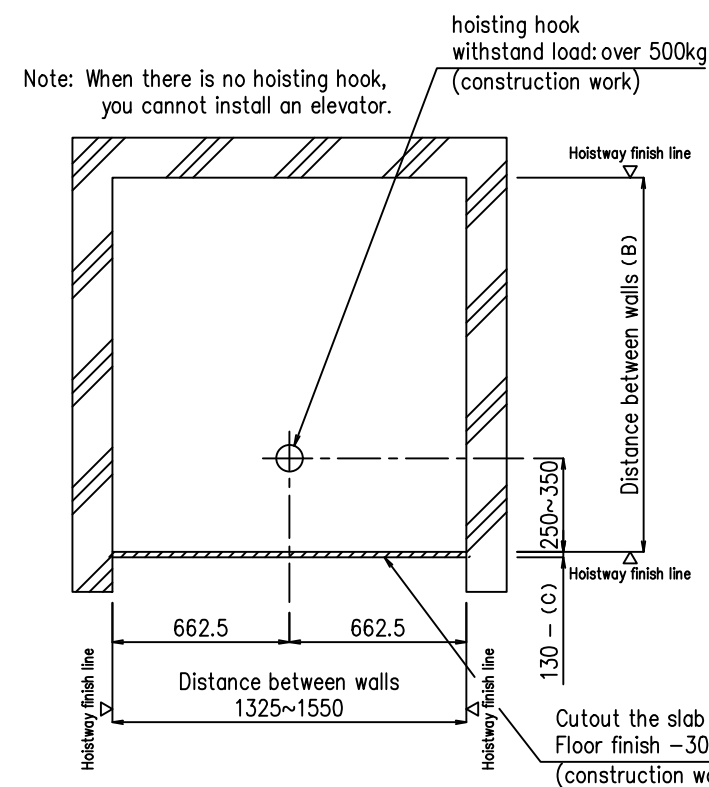


Hoistway Plan S=1/20
(More than 2000mm higher than the bottom FL of hoistway)

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



Construction Plan (Top) S=1/20

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

hoisting hook
withstand load: over 500kg
(construction work)

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.

Note: Cutout the slab edge for sill mounting when only the distance between floor finish and slab face is under 30 mm

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

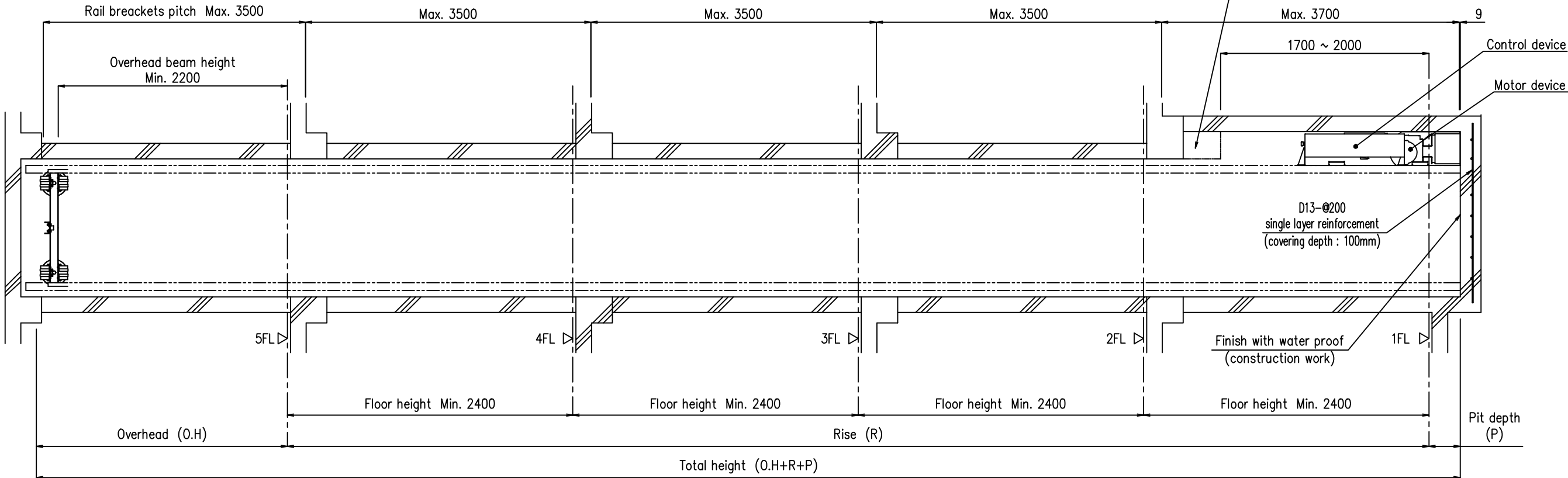
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Max. Rail fixing spacing is 3700mm

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

- ※1 If the rail clearance (distance from the wall where the anchor bolt fixing place to the rail) exceeds 175 mm, please contact Nippon Otis for special rail brackets.
- ※2 Make sure that the place where the anchor bolts for the rail brackets are installed has the required strength.

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.



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

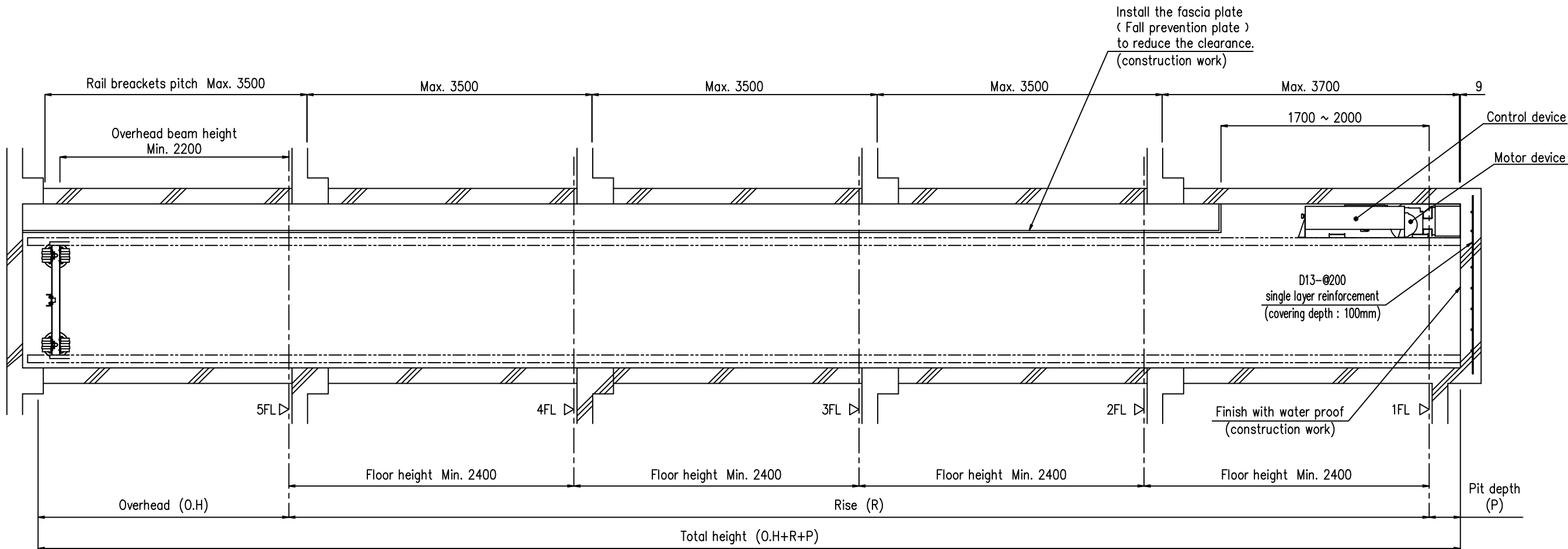
In case the width where +2000 or more from bottom FL can not be reduced.

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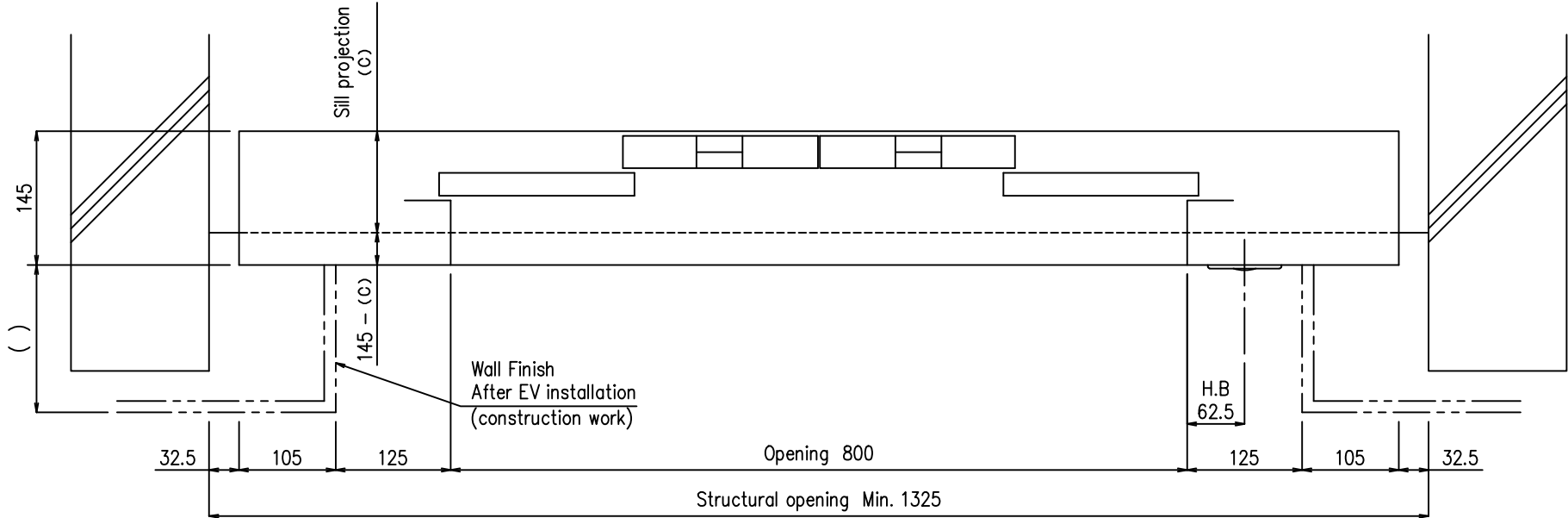
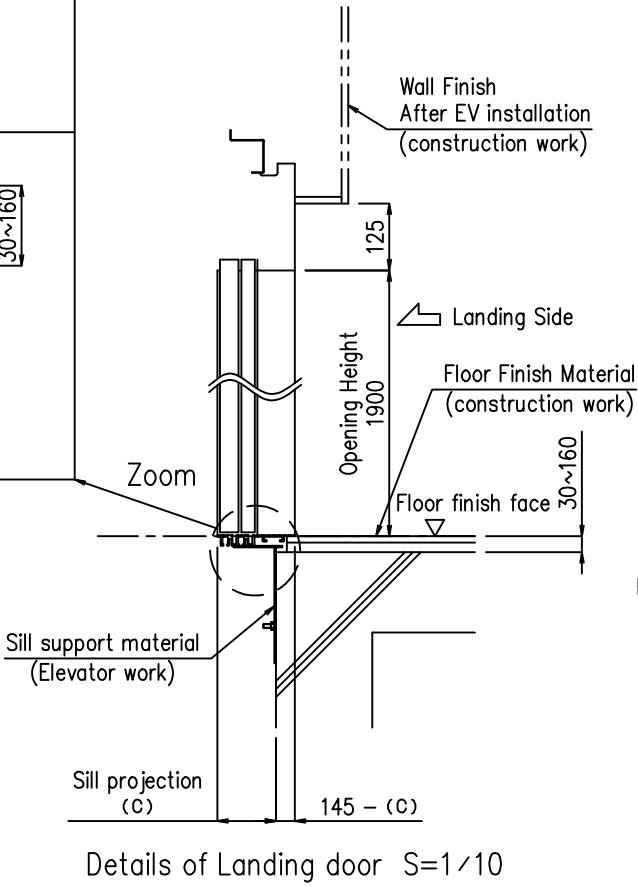
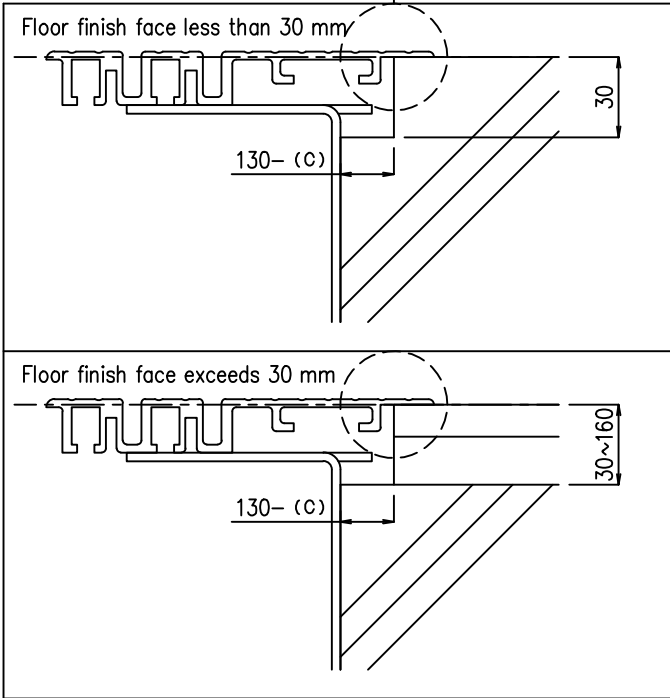
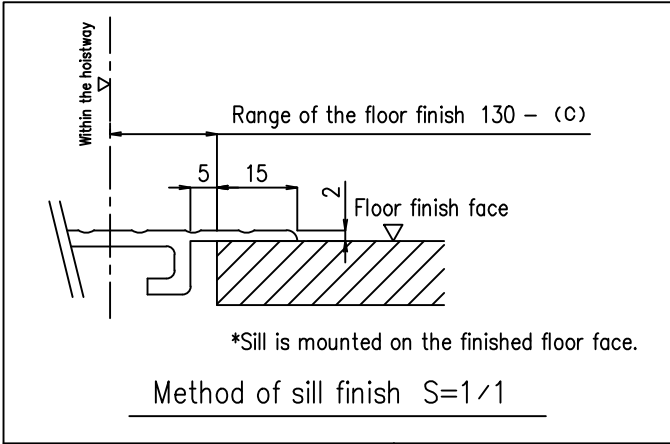
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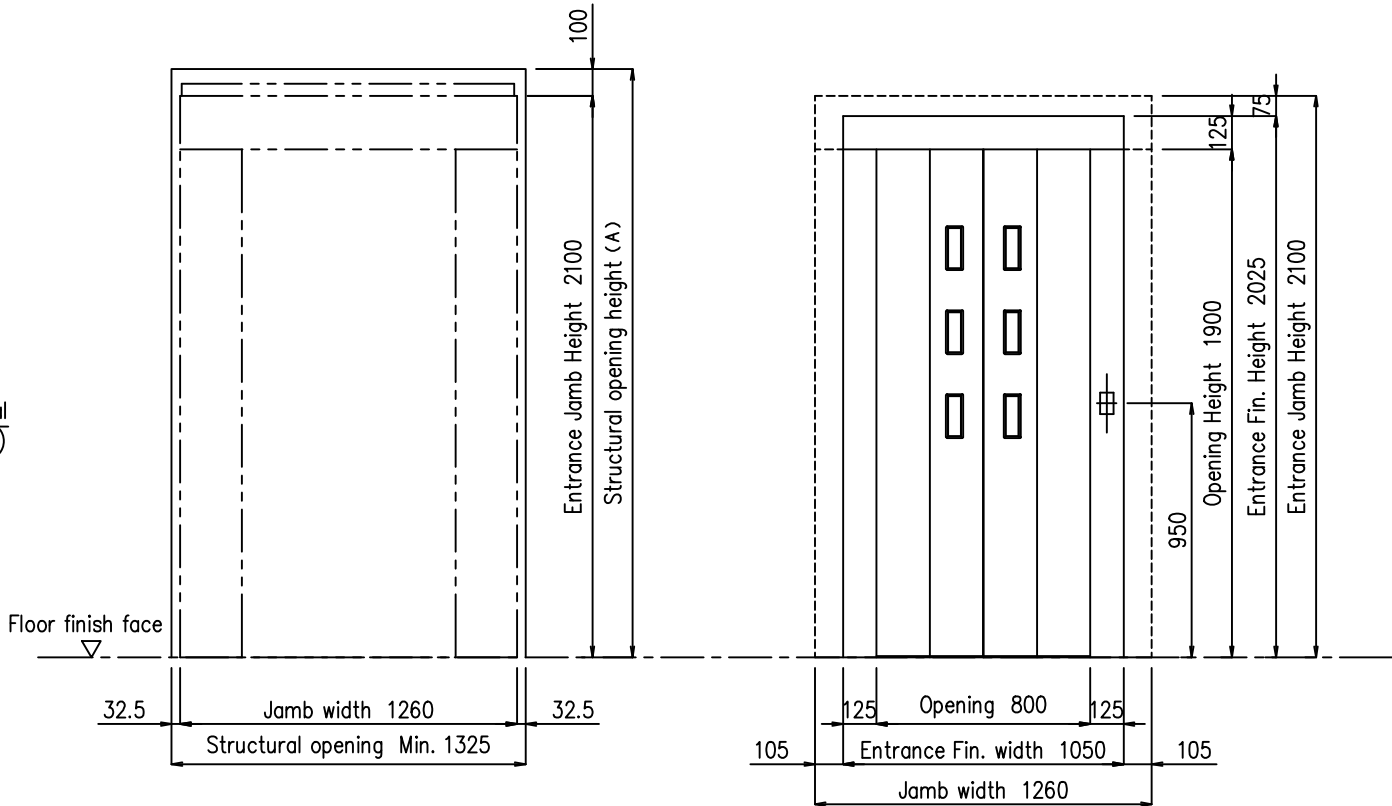
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Landing wall Finish S=1/5



Structural View S=1/20

(The view at Landing side)

Entrance View S=1/20

(Standard Door)

Revision		Checked	Drawn	Building Name	MIDI30 (PIT300) –RC (Front opening only)	Scale	Frame
		**	**	Drawing Name	Home Elevator details of the Landing door and Landing wall	1/5・1/20	A-2
				Date	2024.10.01		
				Drawing No.	***** -66-00		