

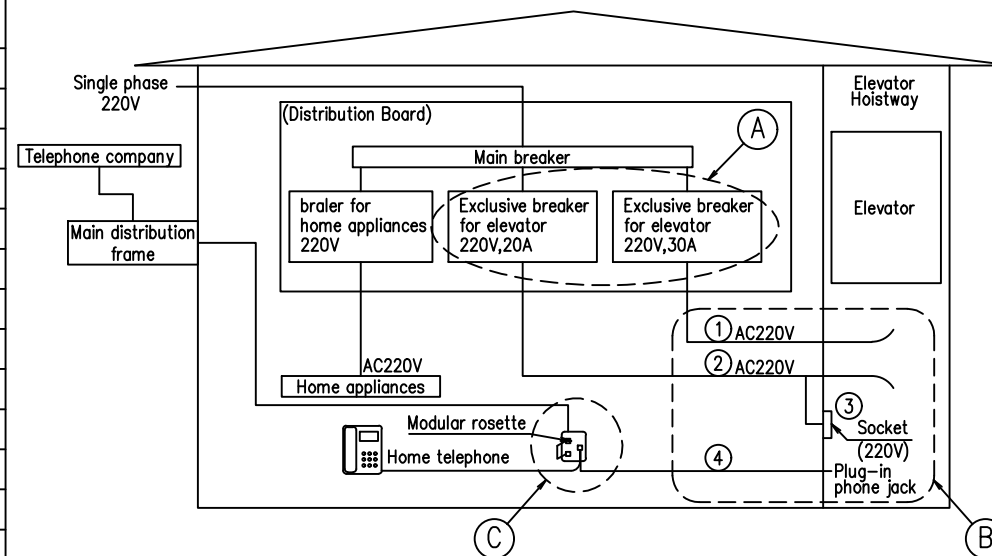
Home Elevator (FIT-RC (Front opening only))

(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 frames.				●
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 : 3.3kVA

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

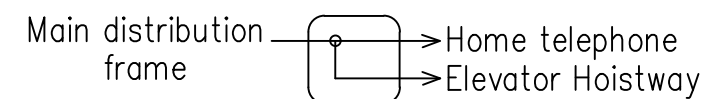
- ② Power for lights and etc.
- Power Supply : Single phase 220V with the earth {class D (third class) grounding}
- Cord extension : 7m(2 wires included the earth)
- Wire : 2.0mm dia

- 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.

③ 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

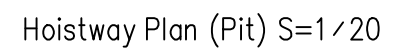
- 1.There should be no crack in the hoistway due to the persons or objects outside the hoistway cannot come in contact with cages or devices.
- 2.Pipe of gas, water, and electrical line expect compulsory parts of elevator must not be installed in hoistways.
- 3.Pit must be finished with waterproof.
- 4.Telephone inside the car must be connected.
- 5.Home elevator needs the regular inspection and maintenance.



Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	780mm ~ 1040mm	50 mm
	840mm ~ 1100mm	110 mm

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	840mm ~ 1040mm	50 mm
	900mm ~ 1100mm	110 mm

General Specification	FIT
	Automatic Landing for power failure (Standard equipped)
Rated load	200kg
Capacity	3 people
Speed	20m / min.
Drive machine	Rope type(Drum type)
Stop	Max. 5
Entrance Arrangement	Front only
Door type	4 panel center opening
Car inside	1200 W x 615 D
	2000 H
Opening	1000 W x 1900 H
Rise	Max. 12m
Hoist Rope	φ8 x 2 nos. (1:1)
Motor	2.0kw

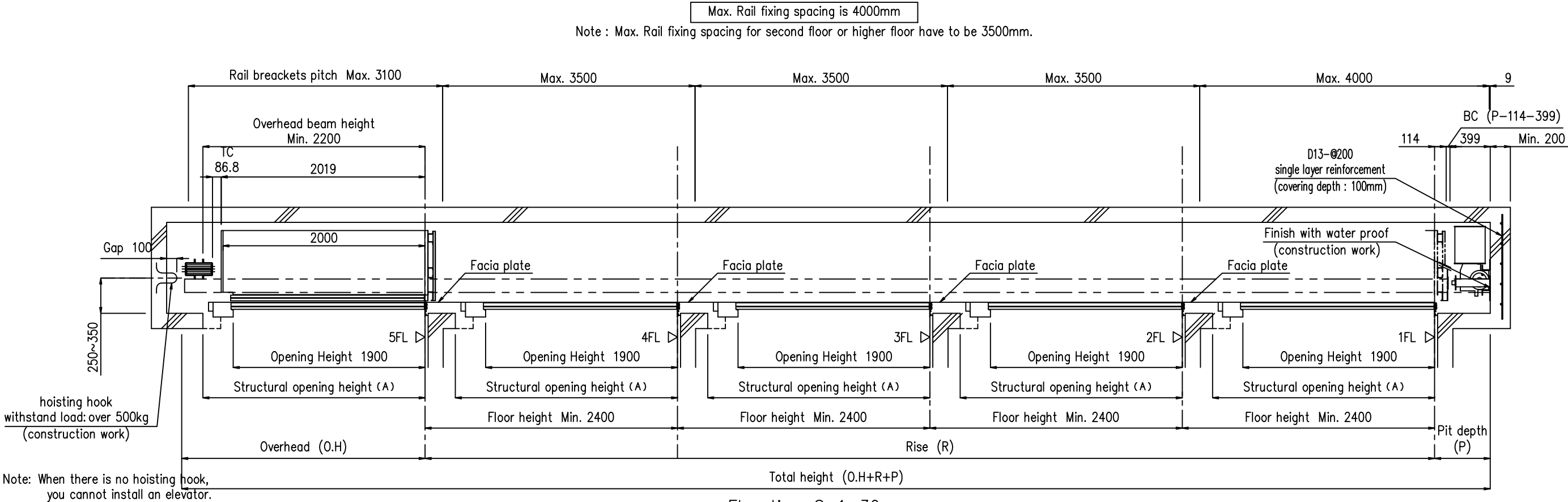


Rise : Case of ~ 10,000

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	780mm ~ 1040mm	50 mm
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Rise : Case of 10,001 ~ 12,000

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
More than 2200 mm	840mm ~ 1040mm	50 mm
	900mm ~ 1100mm	110 mm



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.

There should be no clack in the hoistway including pit and overhead due to the persons of objects outside the hoistway, cannot come in contact with cages or devices.

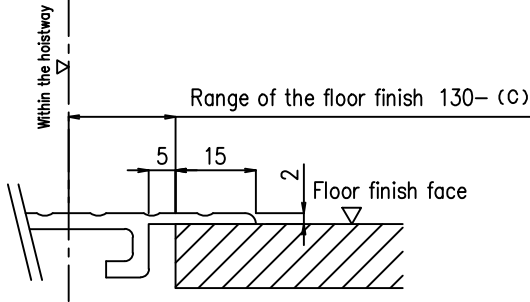
Rise (R)	Pit depth (P)	Overhead (O.H)
Max. 12000 mm	550~900 mm	2400~3100 mm

Rise : Case of ~ 10,000

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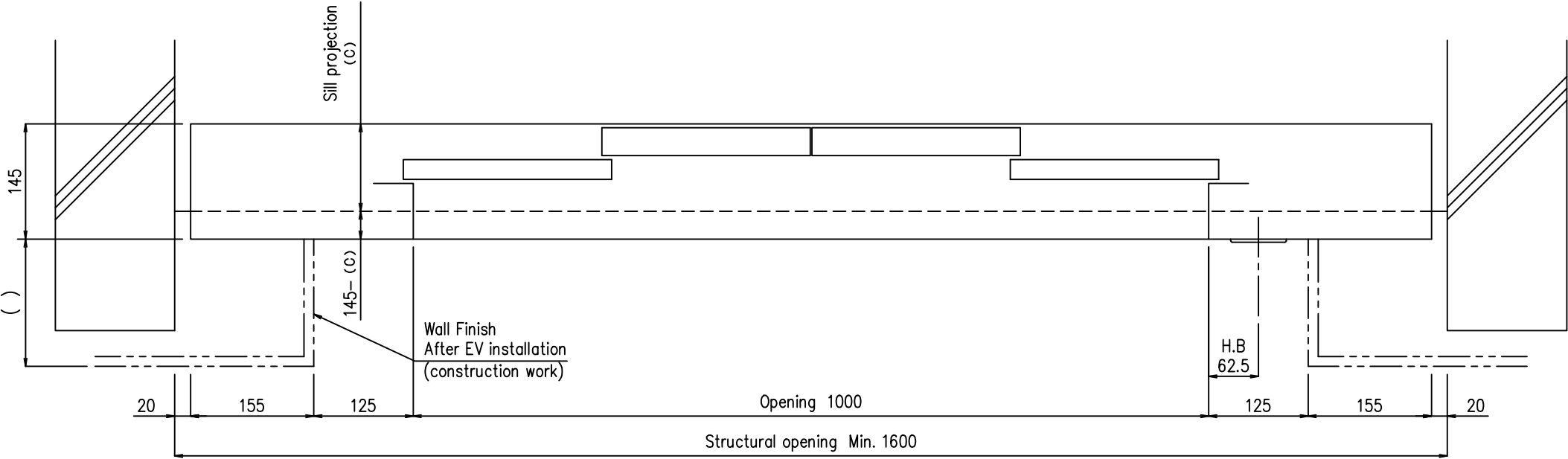
Rise : Case of 10,001 ~ 12,000

Structural opening height (A)	Hoistway depth (B)	Sill projection (C)
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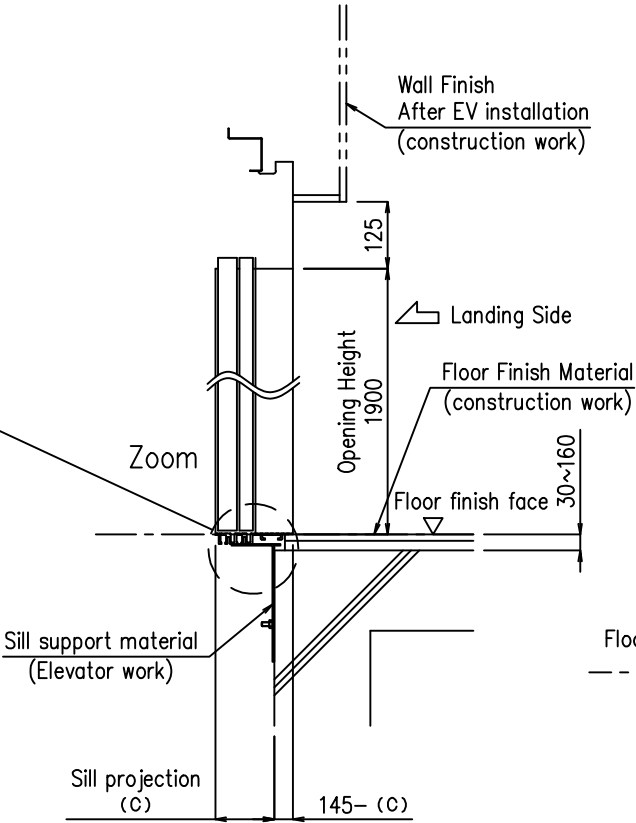
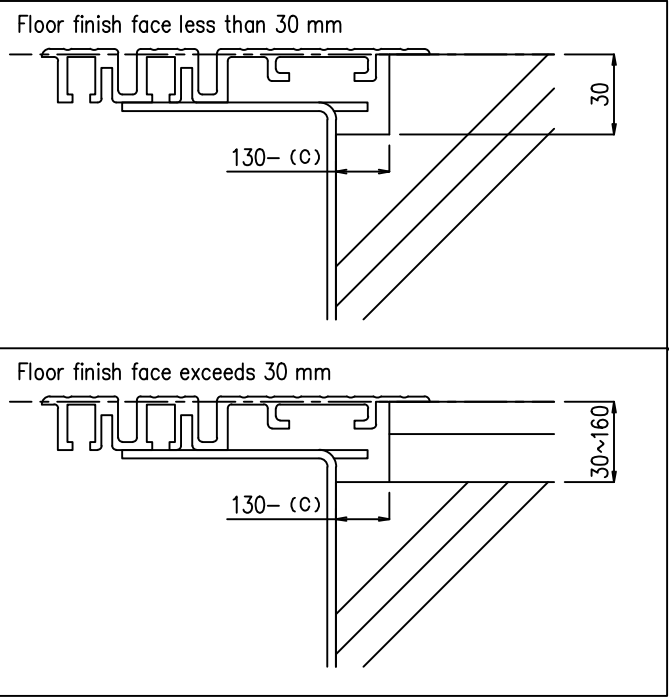


*Sill is mounted on the finished floor face.

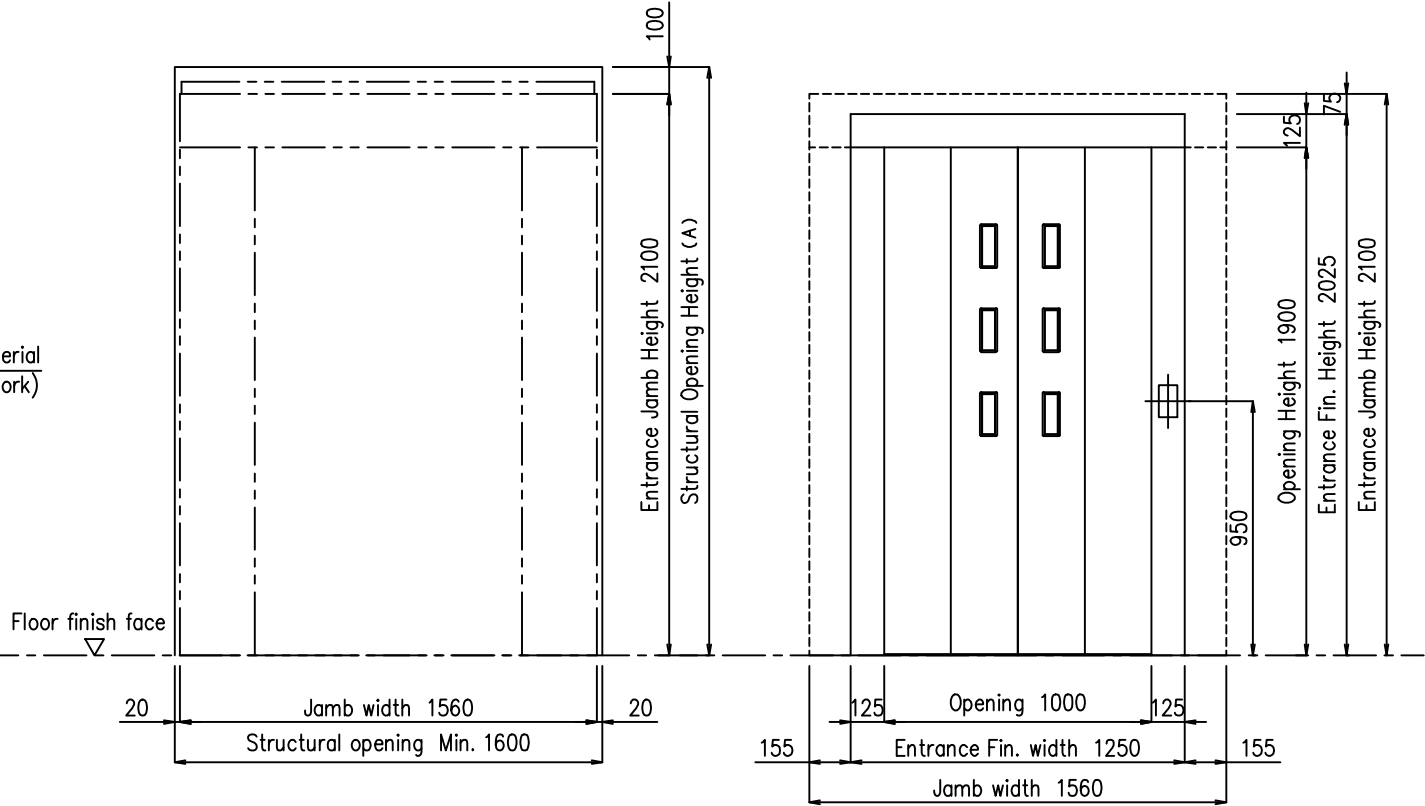
Method of sill finish S=1/1



Landing wall Finish S=1/5



Details of Landing door S=1/10



Structural View S=1/20
(The view at Landing side)

Entrance View S=1/20
(Standard Door)