PE1,PE2

Done by the owner & builder

1. SHAFT

1.1 Any equipment, power supply or hole not relating to the elevator should not be installed in the hoistway, and all building parts in the hoistway should comply with the fireproof

1.2 Hoistway should be vertical enough with tolerance 0~+25mm/0~30m,0~+30mm/30~60m, 0~+50mm/60m.and its min.horizontal size is regarded as the hoistway size marked in

1.3 Close hoistway should own ventilating hole (usually at the top or bottom) with protection net and the hole square is no less than 1% of the whole hoistway horizontal square.

1.4 It's better that the hoistway is made of concrete. If it is made of brick, the concrete enclosure of 300mm height should be made in the hoistway wall where the guide brackets will be fixed. Besides, the concrete girder of 300mm height, with the same width as that of hoistway, should be the edges of the hole (up and down edge) that is pre-placed for landing door.

2. MACHINE ROOM

2.1 According to requirement of the technical parameter sheet, the power should be lined to . the machine room with protection switch and in lock. The fluctuation of the power should be less then ±7%. The N wire and earth wire should be seperated and the ground resistanceis not more than 4ohm.

2.2 The temperature of the machine room should be kept between 5-40 .

3. PIT

3.1 The pit should be waterproof and the plash should be placed at the corner of the pit.

3.2 The counterweight should be installed on a solid base that stands on the strong floor directly or a counterweight safety should be installed if there, under the pit,is a space big enough for access of person.

4. OTHERS

4.1. All reactions marked in the drawing include impact amendment unless it is separately marked force.

4.2. Definition of the door opening way of landing door: the car door runs left means left opening while people face the car door standing inside the car, and vise versa.

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PE1,PE2

DESIGN SPECIFICATION

TIITLE		ITEM	EL.NO	DESCRIPTIONS
CAR		CEILING	PE1&PE2	HSS with lights and fan
		C.O.P		KYCOP10 with dotmaxtrix display
		CAR DOOR		HSS
		HAND RAIL		THREE SIDES
		WALL		HSS
		TRANSOM.COLUMN KICK PLATE		N/A
		FLOOR FINISH		MARBLE(PROVIDE 20MM RECESS)
LANDING	G.FL ONLY	HALL B/T		KYIND20 with dotmatrix display
		DOOR		HSS
		NARROW JAMB WITHOUT TRANSOM		HSS
	OTHER FL'S	HALL B/T		KYIND20 with dotmatrix display
		DOOR		PAINTED
		NARROW JAMB WITHOUT TRANSOM		PAINTED
FLOOR MARK		G,1-12,14,15,16,17,18	PE1&PE2	G,1-12,14,15,16,17,18
PARKING FL		G,1-12,14,15,16,17,18		G,1-12,14,15,16,17,18
CAR SIGNAL				
HALL LANTERN				

SPECIFICATION OF EQUIPMENTS

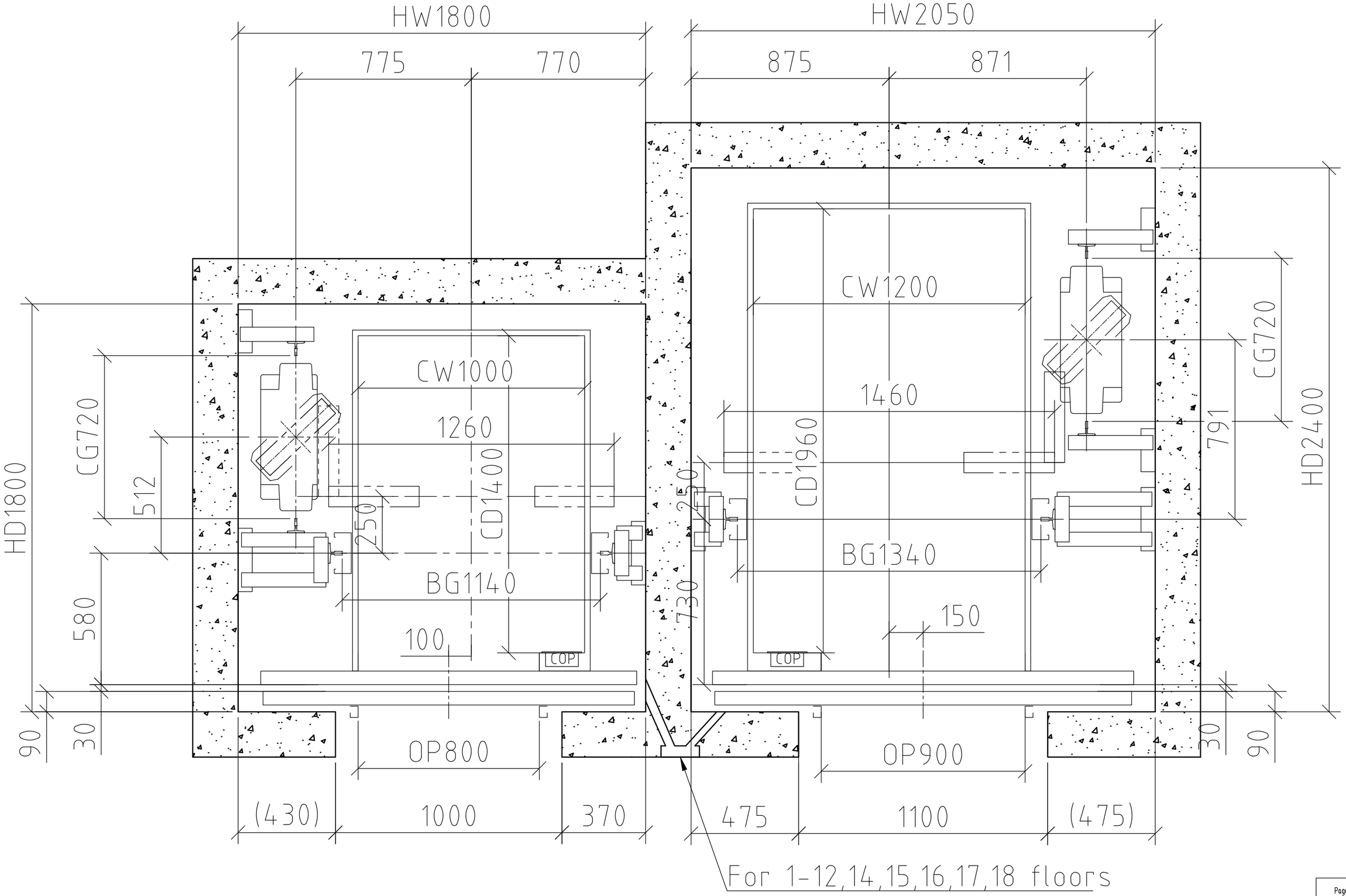
ELEVATOR NO.	PE1	PE2
TYPE AND HAND OF TRACTION OF MACHINE	WJ-1020-150 10 KW	WJ-544-150 6.8 KW
DIAMETER OF MAIN SHAVE	Ø400	Ø400
DIAMETER OF DEFLECTOR SHAVE	Ø400	Ø400
MAIN ROPE	Ø10 -5	Ø10 -4
TYPE OF MOTOR	AC GEARLESS	AC GEARLESS
TYPE OF CAR SAFETY	Progressive	Progressive
TYPE OF CAR GOVERNOR	N / A	N / A
TYPE OF PLATFORM FLOORING	N / A	N / A
CAR RAIL	13K (T89/B)	8K (T75/B)
COUNTERWEIGHT RAIL	8K (T75/B)	5K (TK5A)
TYPE OF CAR BUFFER	Hydraulic	Hydraulic
TYPE OF CWT BUFFER	Hydraulic	Hydraulic
CAR WEIGHT KG	1100 + 120	700 + 120
OVERBALANCE	45%	45%
CWT WEIGHT KG	1670	1000
WEIGHT OF TRACTION MACHINE KG	350	350
TECHNICAL DATA		
TYPE	18 STOPS	18 STOPS
CAPACITY	1020 KG (15 PERSONS)	544 KG (8 PERSONS)
SPEED	1.5 m/s	1.5 m/s
CONTROL	V3F GEARLESS	V3F GEARLESS
OPERATION	DUPLEX	DUPLEX
STOP (SIDE)	G,1-12,14,15,16,17,18	G,1-12,14,15,16,17,18
CAR INTERNAL SIZE	1200(W)*1960(D)*2300(H)	1000(W)*1400(D)*2300(H)
ENTRANCE	900(OP)*2100(H)	800(OP)*2100(H)
DOOR OPERATION	2-PANEL CENTER OPENING AUTOMATIC DOOR	2-PANEL CENTER OPENING AUTOMATIC DOOR

CITY LIFTS / KOYO

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HOSITWAY PLAN

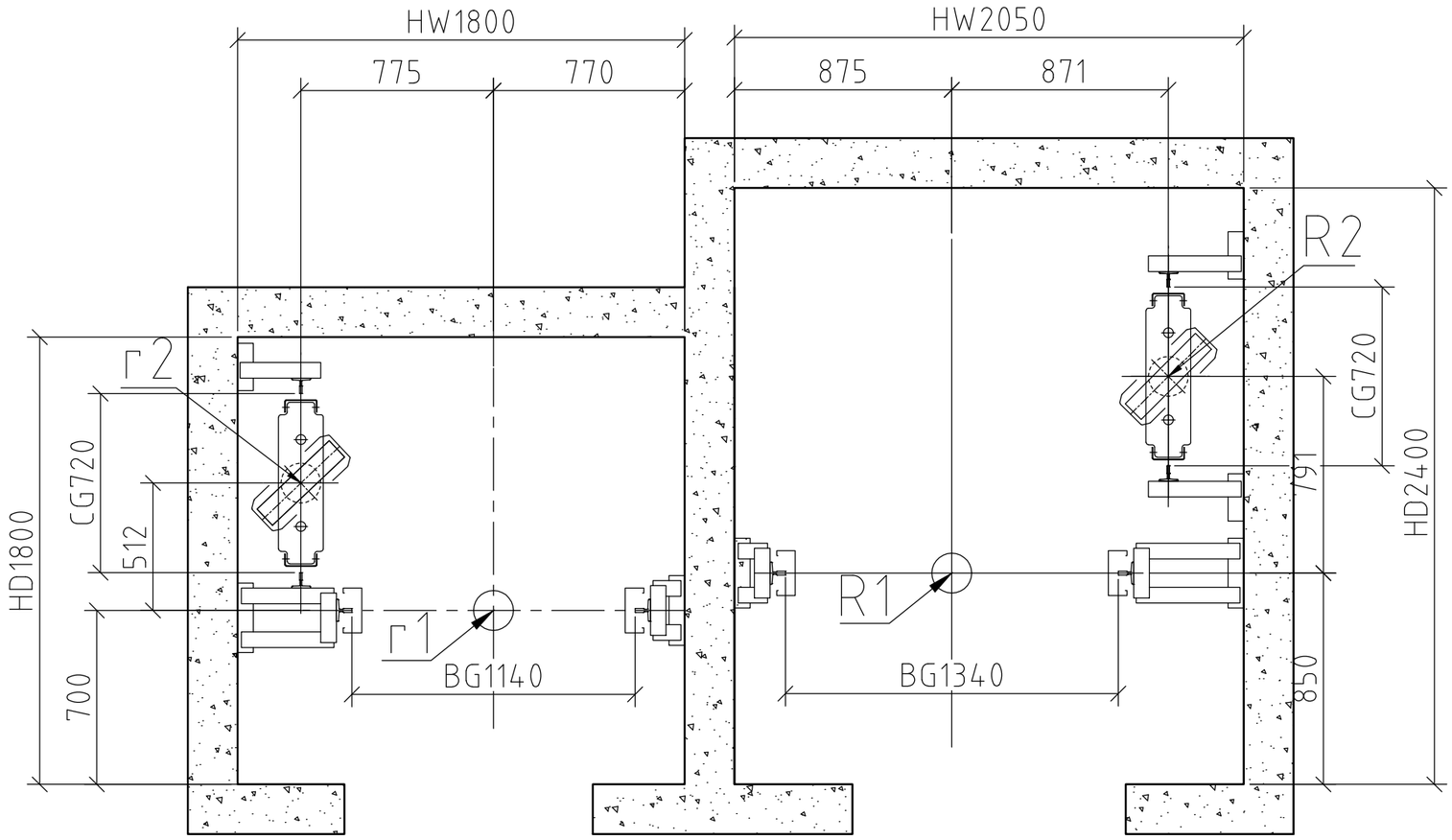
PE1,PE2



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PE1,PE2

Pit Plan Drawing



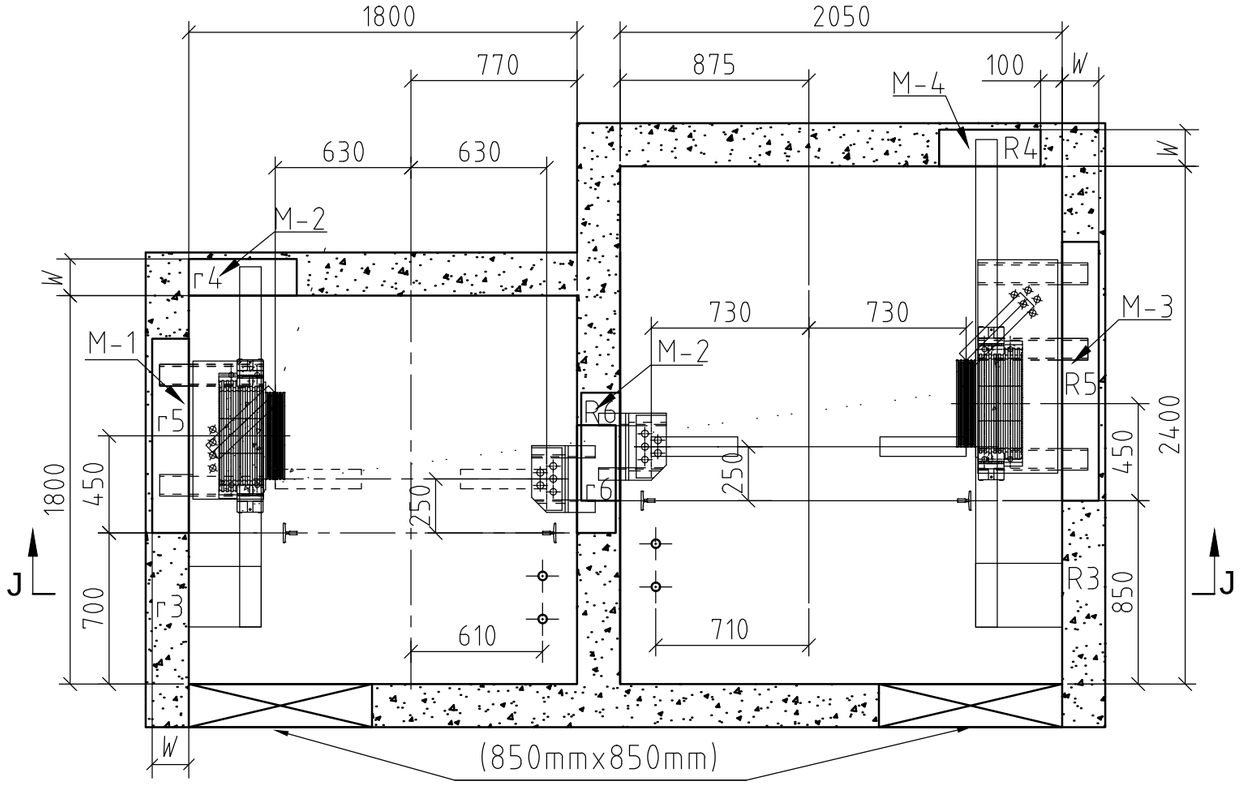
Force of Support(N)

R1	94000	r1	60000
R2	67000	r2	47000

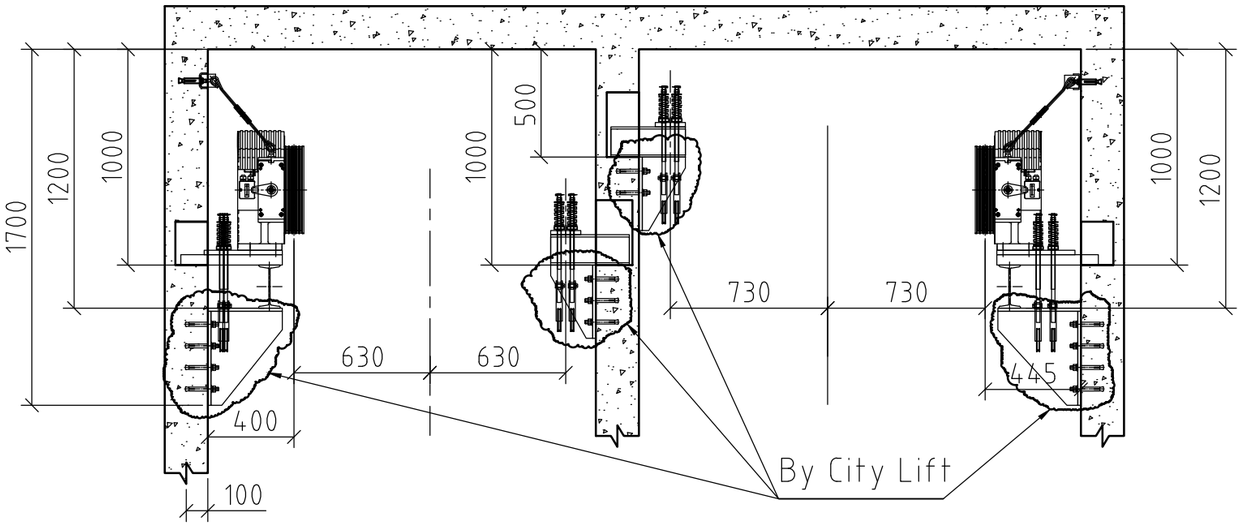
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PE1,PE2

Top plane layout



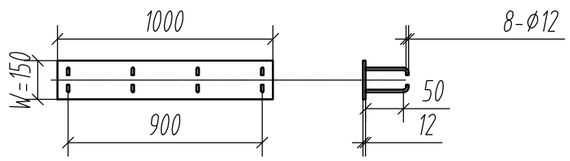
J-J



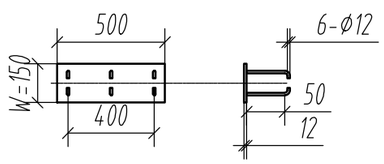
Force of Support(N)

R3	49000	r3	39000
R4	54000	r4	44000
R5	20000	r5	20000
R6	32000	r6	15000

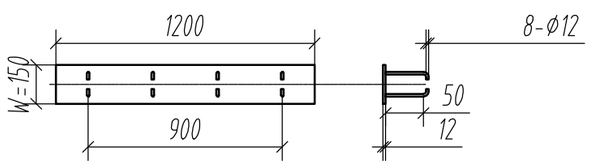
M-1



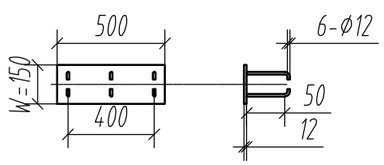
M-2



M-3



M-4

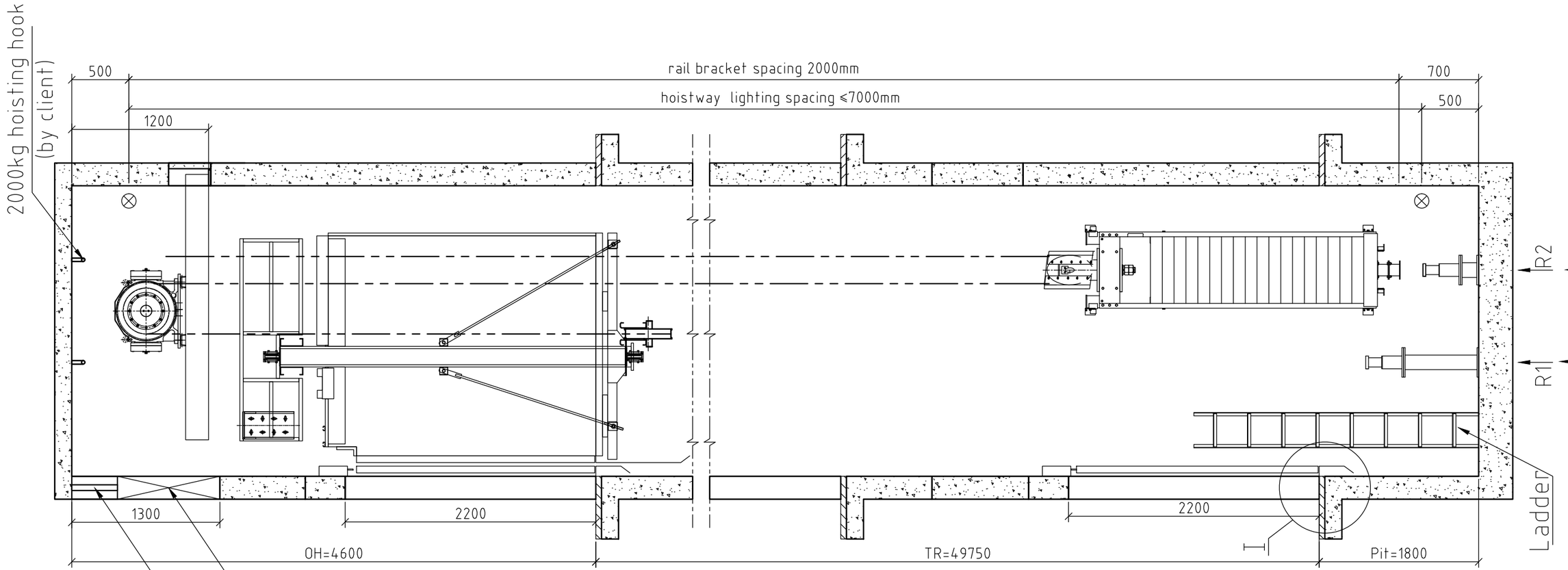


Embedded Steel Plate Details

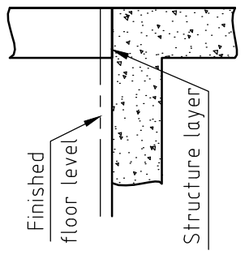
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PE1,PE2

Shaft vertical section



Detail I



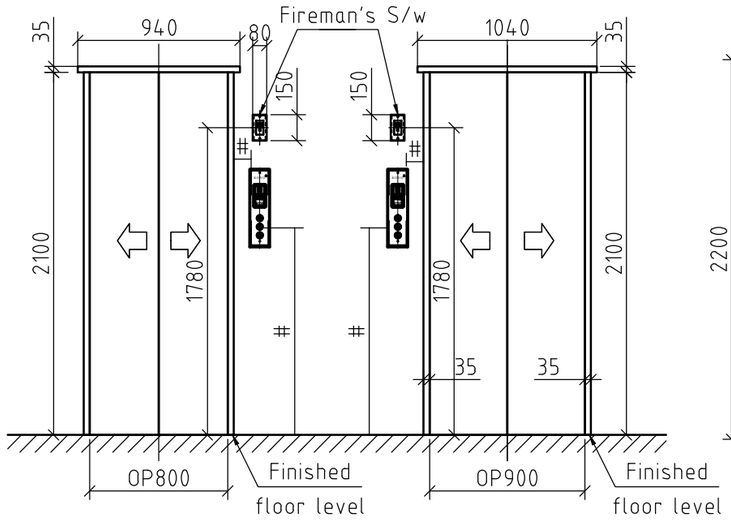
Floor	Height(mm)
(OH)18	4600
17	2900
16	2900
15	2900
14	2900
12	2900
11	2900
10	2900
9	2900
8	2900
7	2900
6	2900
5	2900
4	2900
3	2900
2	2900
1	2900
G	3350
Pit	1800

CITY LIFTS / KOYO

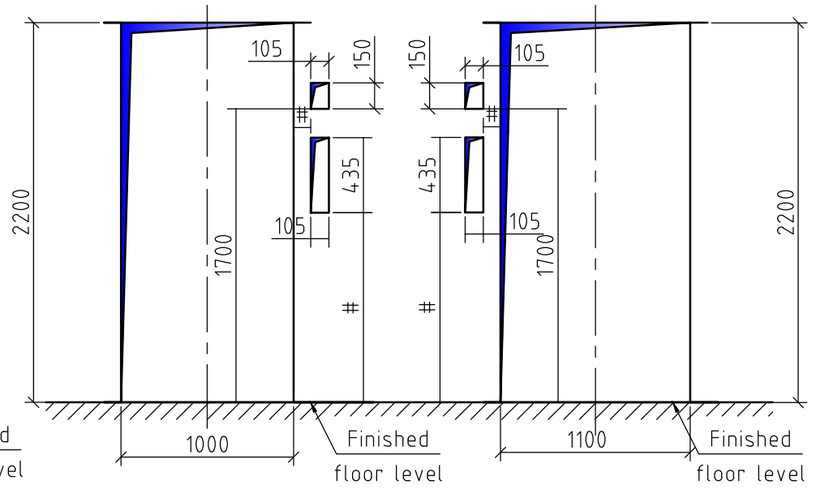
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PE1,PE2

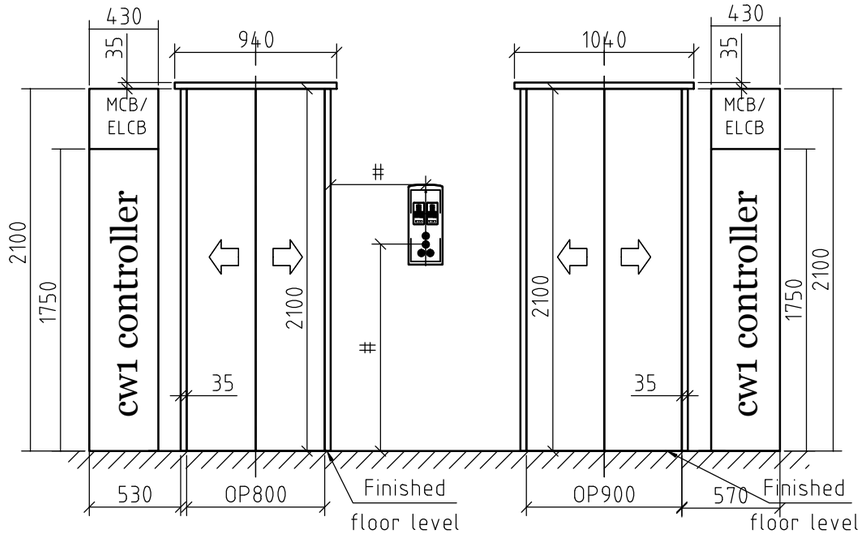
Entrance elevation
G floor



Landing door layout
G floor

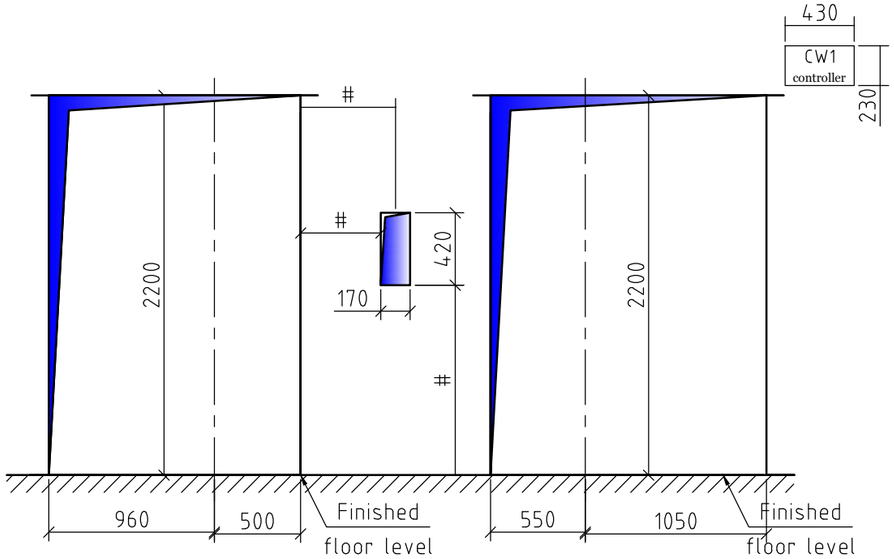


Entrance elevation
18th floor



As per ID dwgs

Landing door layout
18th floor

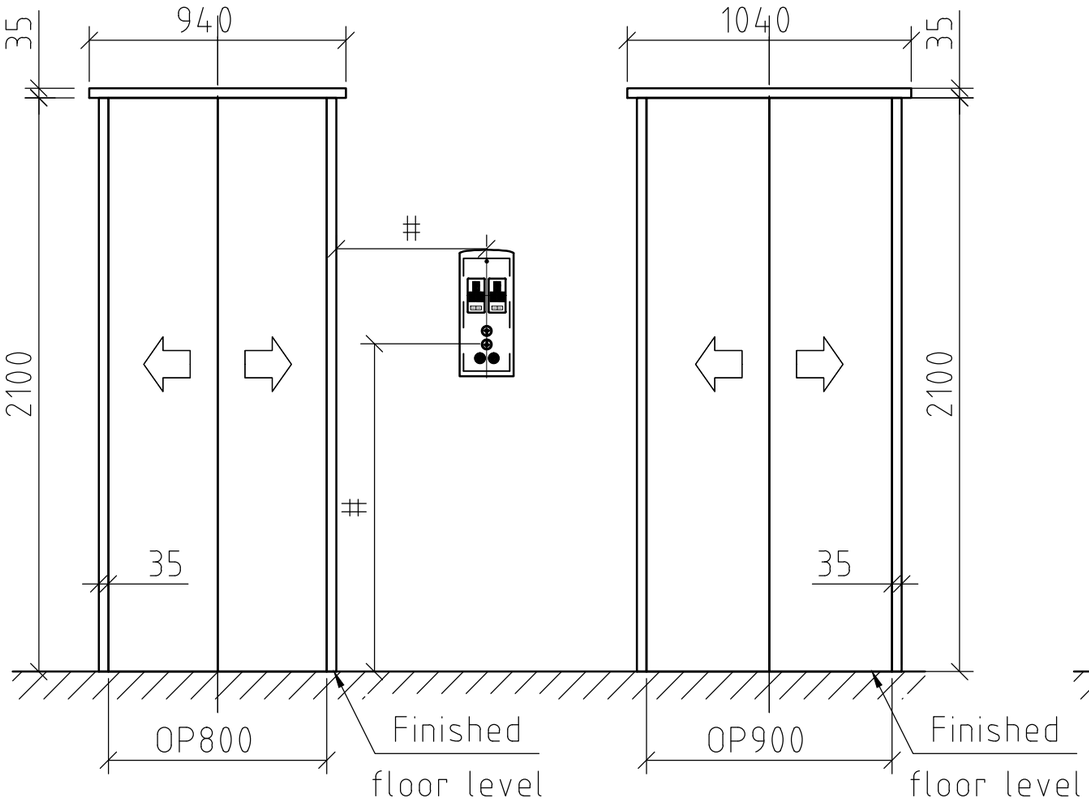


CITY LIFTS / KOYO

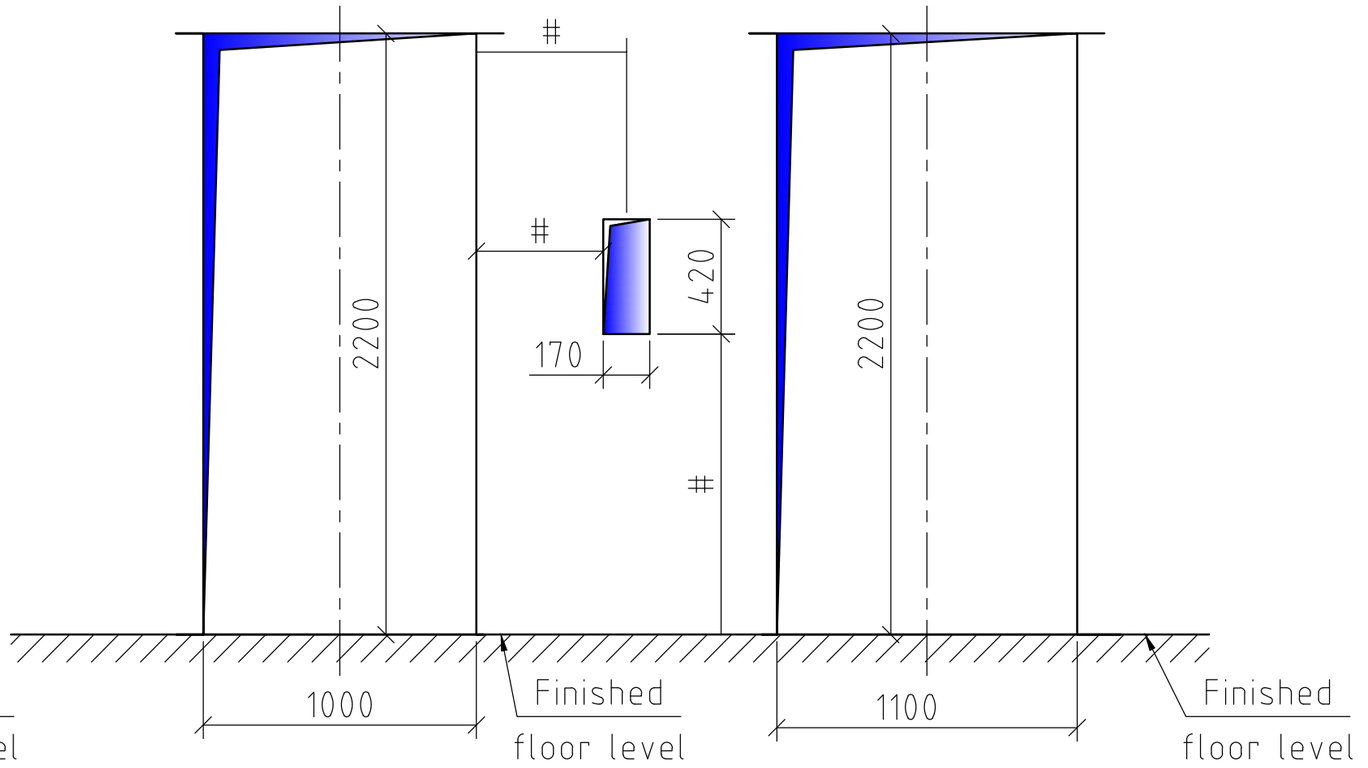
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PE1,PE2

Entrance elevation
Other floors



Landing door layout
Other floors

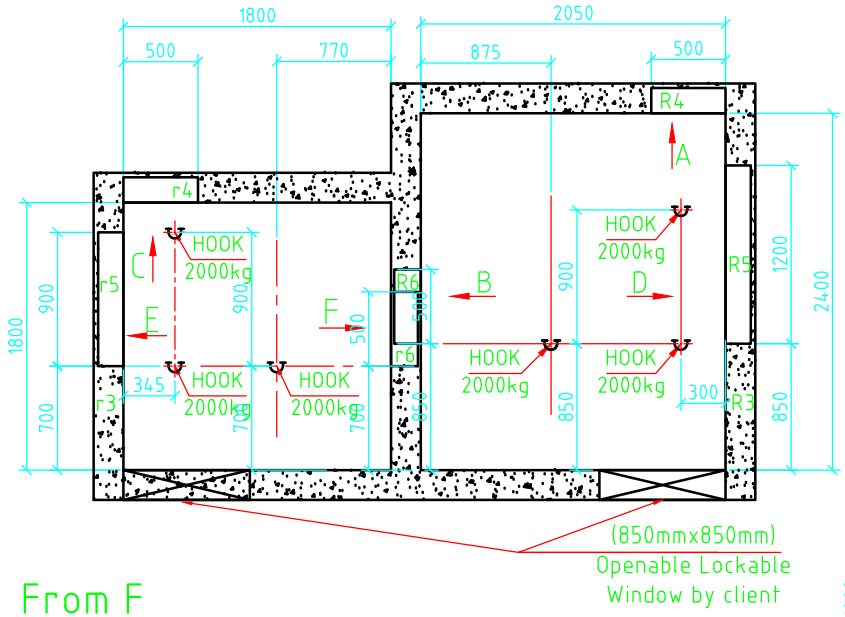


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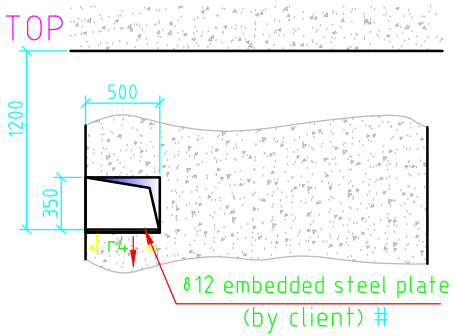
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PE1,PE2

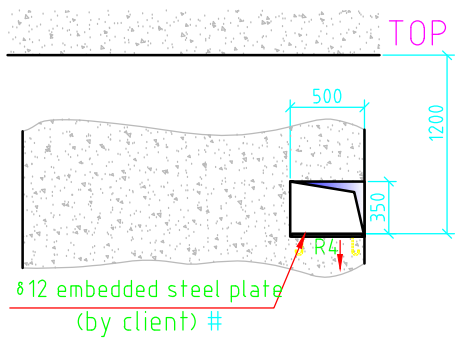
Top plane layout



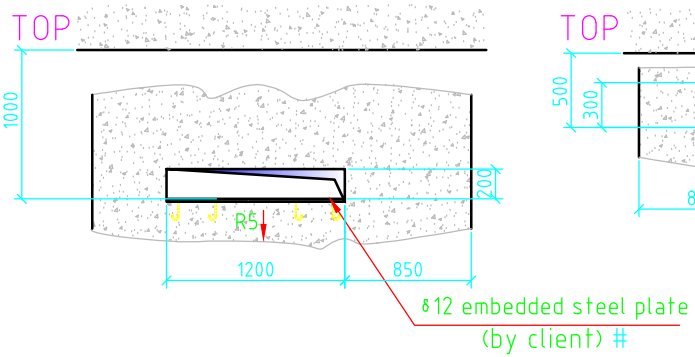
From C



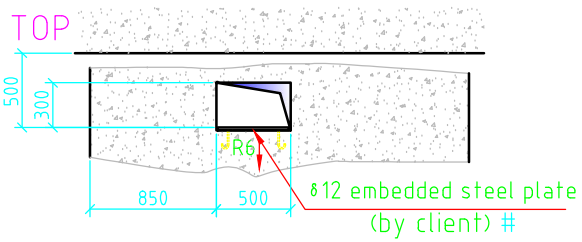
From A



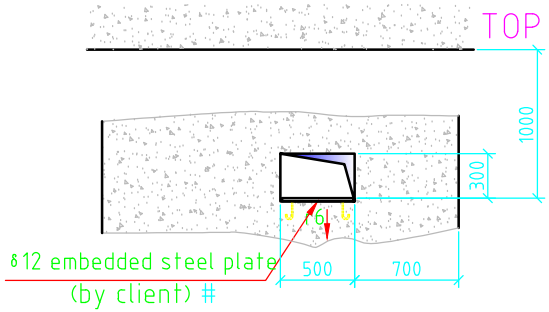
From D



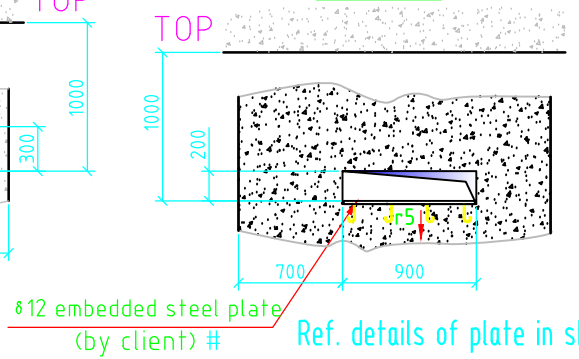
From B



From F



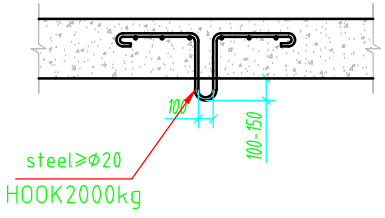
From E



Ref. details of plate in sheet no. 5

Process - While casting the wall, plates to be placed and embedded.

HOOK



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