

DRAFT DRAWING (NOT DEFINITIVE)

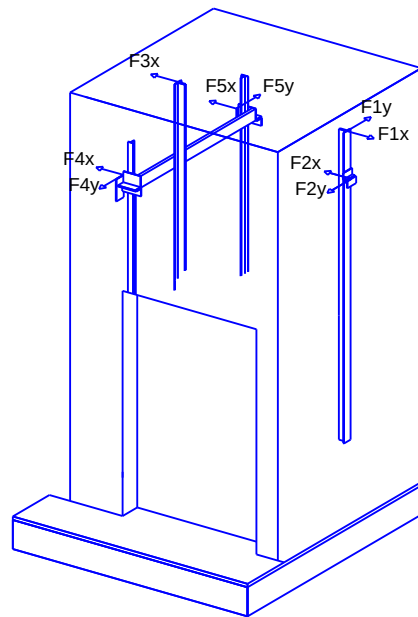
(EN 81-20/50)

MAIN FEATURES

Nominal load:	1000 kg 13 Passengers
Speed:	1 m/s
Travel:	9 m
N. of stops:	4
N° of acceses:	4
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES+NEUTRAL
Frequency:	50 Hz
Machine power:	7.3 kW
Heat rejected:	0.7 kW
Power grid supply:	7.5 kW
Nom. Current grid:	13.6 A
Max. Current grid:	15 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	925 kg
Number of ropes:	5
%Counterweighed:	50 %

LOADS IN DaN

P1: 5750 daN	P8: daN
P2: 3900 daN	P9: daN
P3: 2050 daN	P10: daN
P4: 2750 daN	P11: 2100 daN
P5: daN	P12: 100 daN
P6: daN	P13: daN
P7: daN	P14: daN
F1x: 10 daN	F4x: 40 daN
F1y: 450 daN	F4y: 200 daN
F2x: 30 daN	F5x: 40 daN
F2y: 450 daN	F5y: 230 daN
F3x: 420 daN	



RANGING MEASURES MRL

A: 1386 mm	F: 1274 mm
B: 281 mm	G: mm
C: 1274 mm	H: mm
D: 1386 mm	I: mm
E: 86 mm	

CUSTOMER Paradis
ADDRESS Smart 180 laipsn.
CITY Architektams



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EXPV00004

SCALE

DRAWING N°

CHECKED

UNIT mm

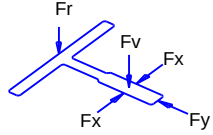
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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-125 L1/A	T-65/A	
Clip type	SL3	SL2	
Max distance between brackets [mm]	3220	3300	
Fx max [daN]	227.35	5.72	
Fy max [daN]	93.77	36.94	
Fv max [daN]**	2033.51	61.4	
Fr max [daN]	0	0	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	258.18	62.9	
d perm [mm]	5	10	
d guide max X [mm]	4.98	1.33	
d guide max Y [mm]	3.93	4.68	
d str max [mm]	0	0	

* Information about guides and flanges available on Orona's web 'Documentation per OV'

** Take only into account Fx, Fy and Fr for load calculation on wall in each fixing level.

HANDRAIL ON TOP OF THE CAR

	POSITION		
	L	B	R
HEIGHT	-	-	700
TYPE	-	-	STD

LANDING DOORS

LANDING DOOR FIRE REGULATION	LANDING DOOR MATERIAL	ENTRANCE 1	ENTRANCE 2
E120	St.St. Plus	0,1,2	3

HOOKS

POSITION	LOAD	QUANTITY	SUPPLIED BY	REMOVE AFTER THE ASSEMBLY
L1	1500 kg	1	CUSTOMER	YES (prepare for removable hook)
L2	1500 kg	2	CUSTOMER	NO

REMARKS

- All the conditions in the document 'Work preparation guide' must be followed
- Optimum assembly process: Orona Platform

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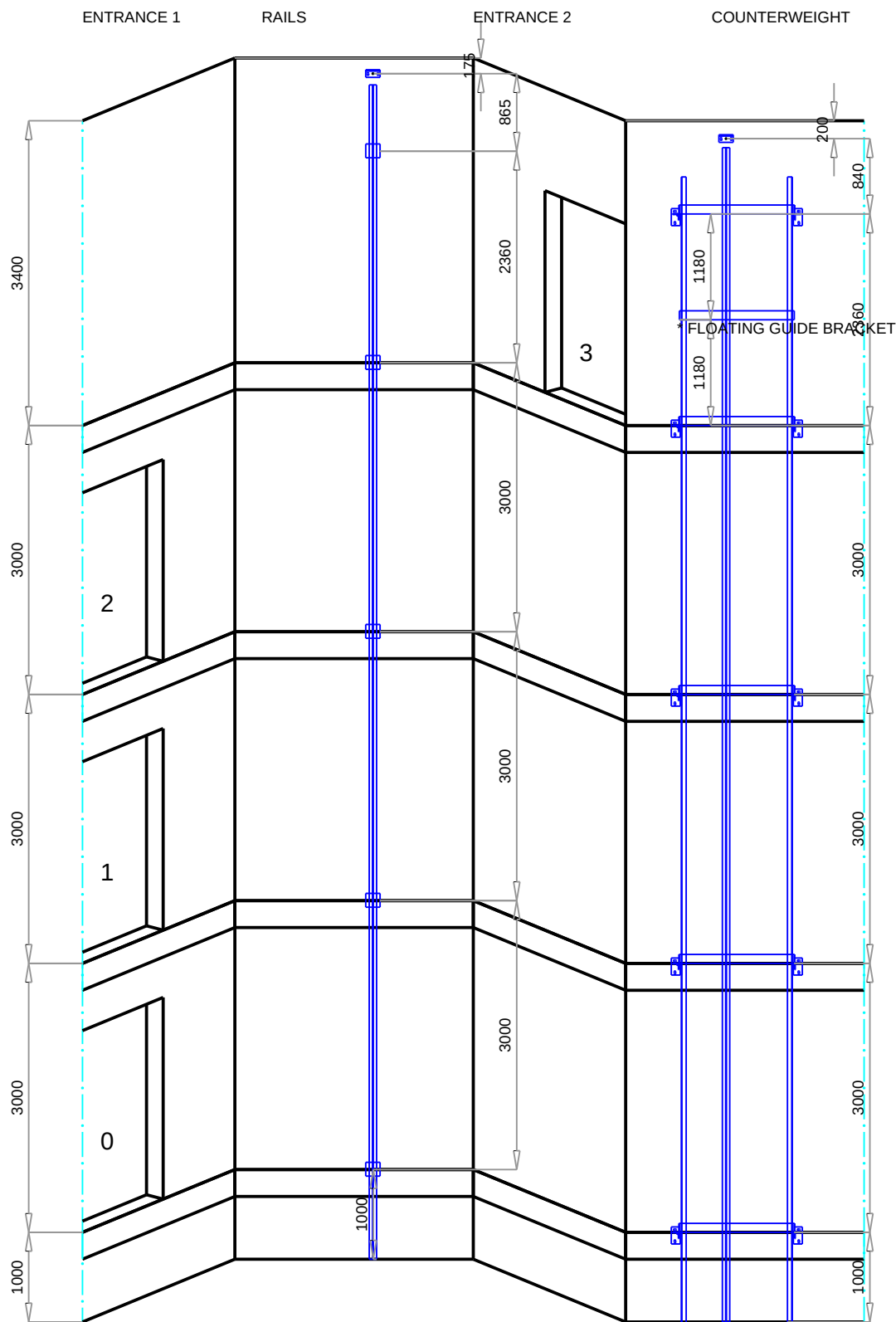
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UNIT mm

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TRAVEL HEIGHT = 9000 mm
NUMBER OF BRACKETS = 5
MAX DISTANCE BETWEEN BRACKETS = 3220 mm

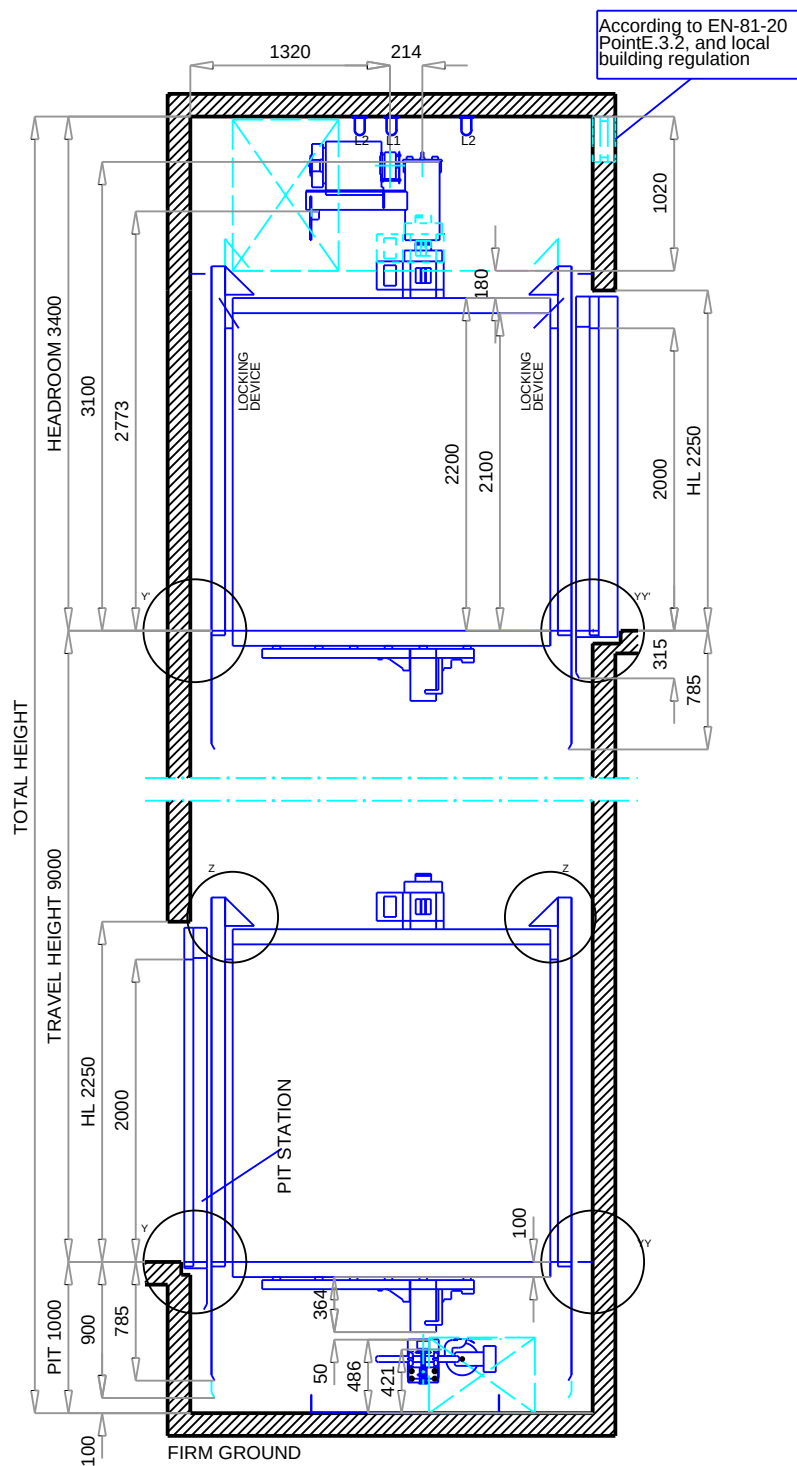
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	CHECKED	UNIT mm	PAGE 3/9

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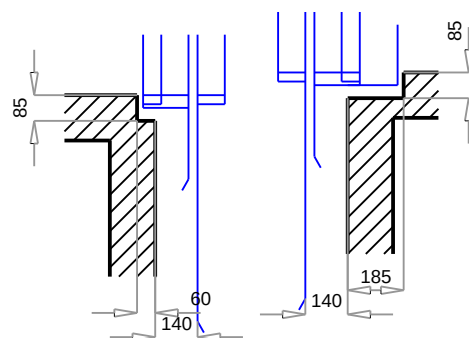
VERTICAL SECTION CAR

DOORS WITH UNLOCKING DEVICE ON LEVELS : 0

Y DETAIL

Doors on level

YY' DETAIL
Doors on level 3



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UNIT	mm
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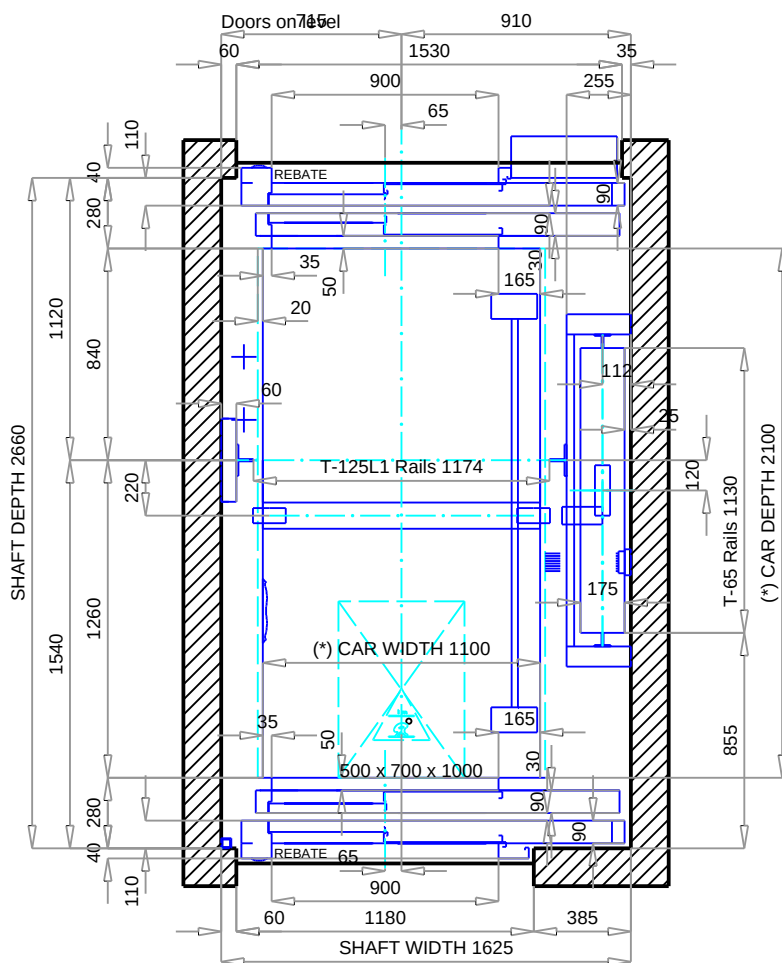
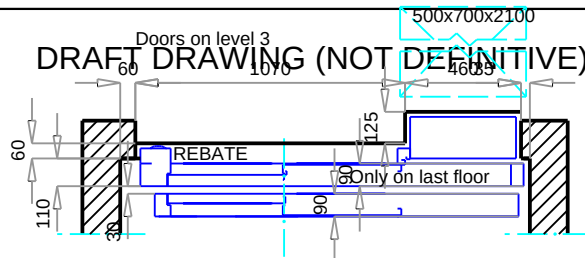
Diagram illustrating the vertical section of a counterweight system. The drawing shows two shafts with cages and counterweights. Key dimensions and labels include:

- TOTAL HEIGHT**: Overall height of the shaft system.
- HL 2250**: Height of the landing level.
- 2000**: Height of the cage.
- 3030**: Height of the counterweight.
- TRAVEL HEIGHT 9000**: Total travel height of the system.
- PIT 1000**: Height of the pit.
- HEADROOM 3400**: Height of the headroom.
- FIRM GROUND**: Ground level reference.
- VERTICAL SECTION COUNTERWEIGHT**: Title of the diagram.

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Doors on level

SHAFT PLAN
Scale 1:30

Headroom requirement for a solution compliant
with EN81-20/50 with:
Max Shaft With = 1827 mm
Max Shaft Depth = 2804 mm

(*) Car dimensions according to EN81-70

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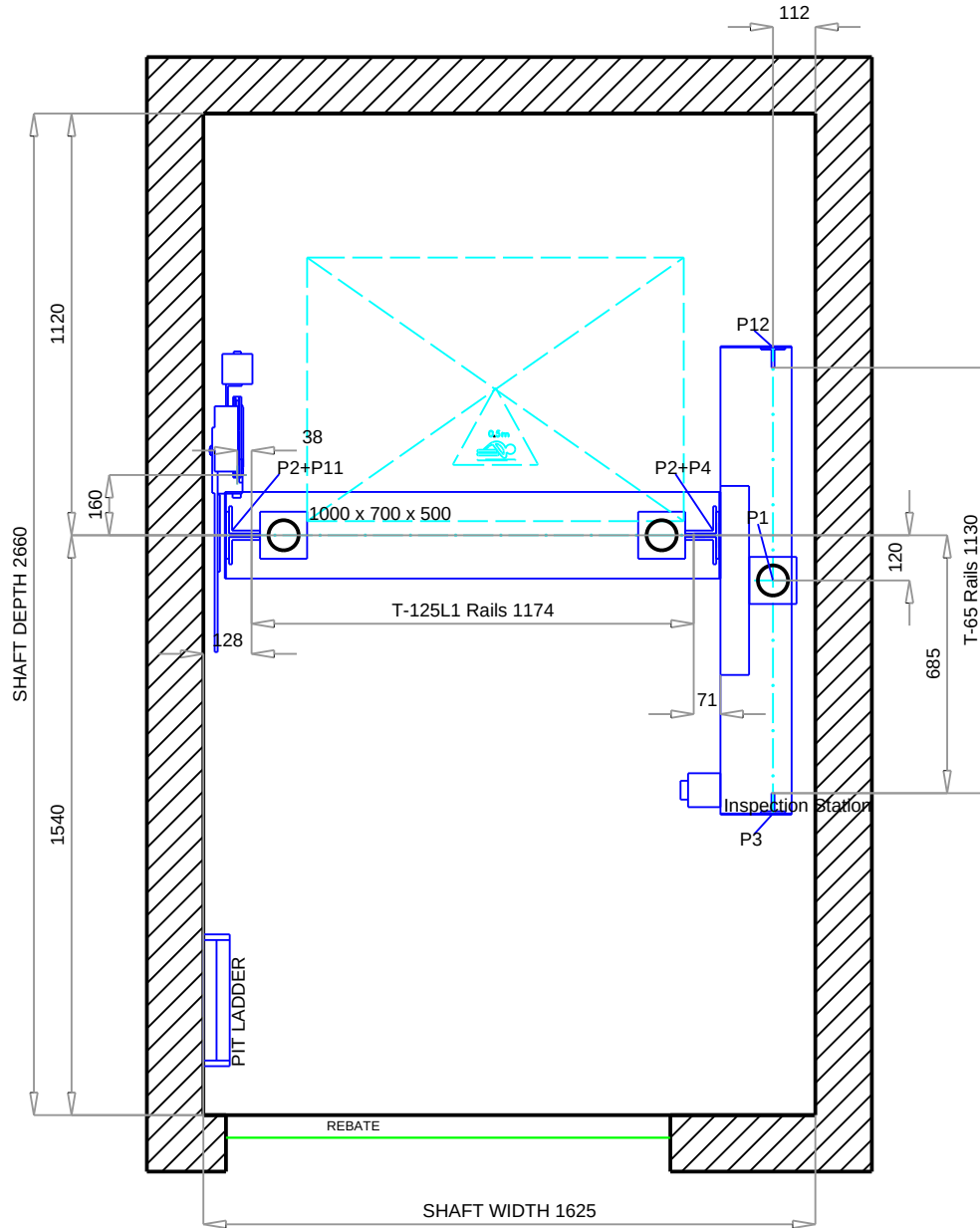
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PLAN ON PIT
Scale 1:20

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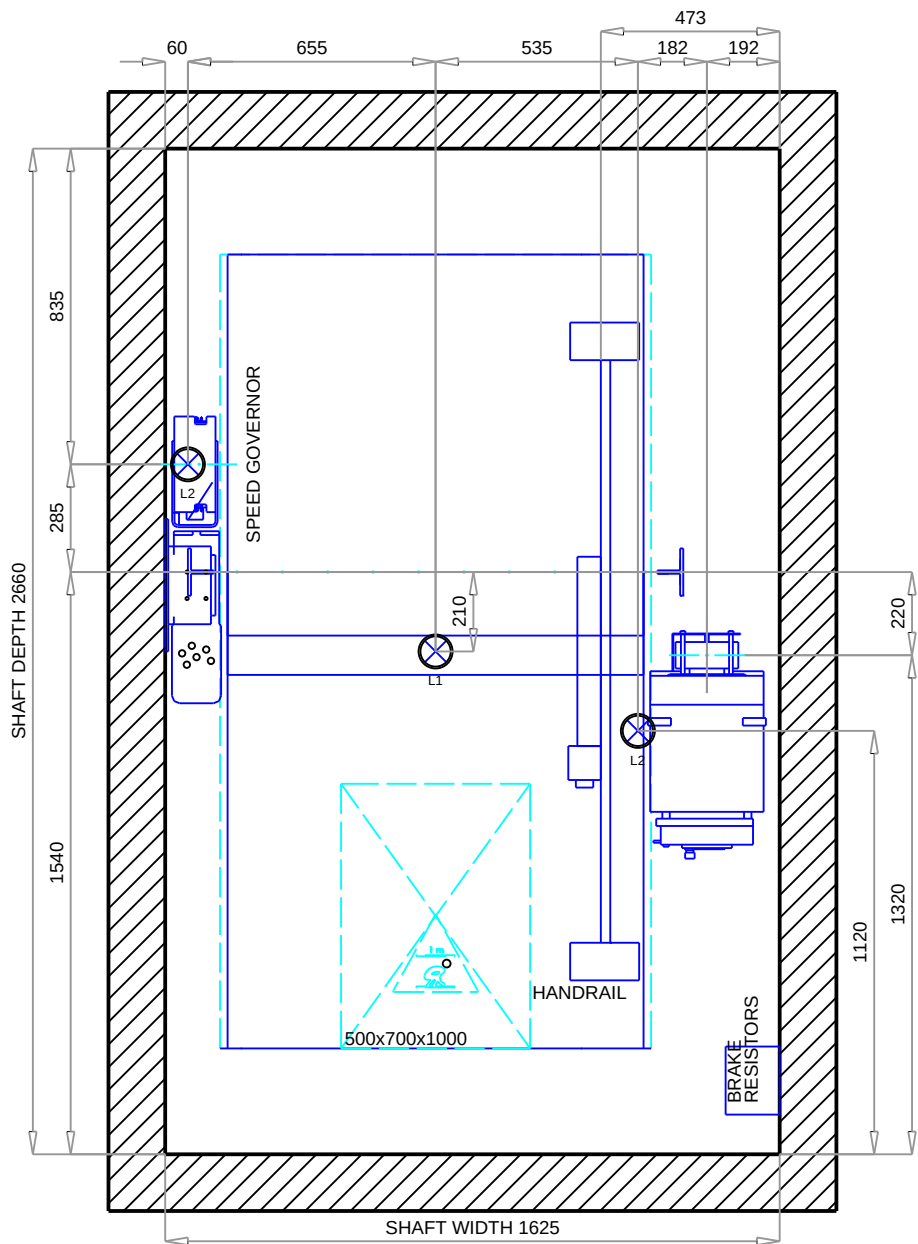
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MACHINE VIEW
Scale 1:20

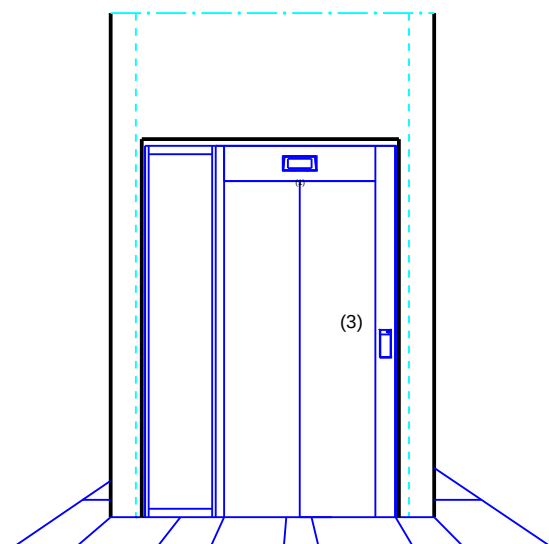
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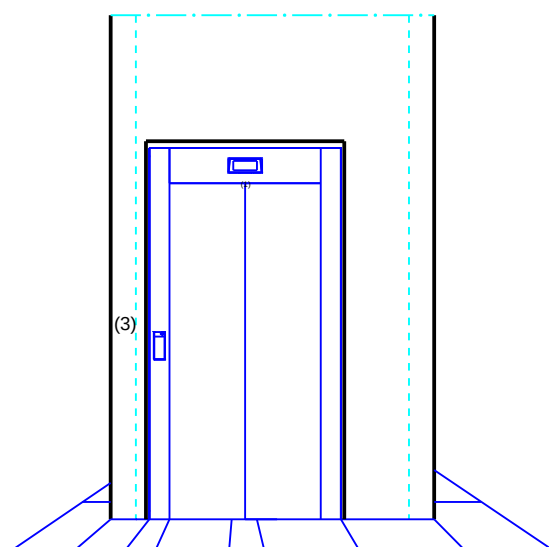
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Doors on level 3
SECONDARY ACCESS



Doors on level 0, 1, 2
MAIN ACCESS

(1) Indicator

(3) LOP

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