

DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

MAIN FEATURES

Nominal load:	630 kg 8 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:	4.5 kW
Heat rejected:	0.4 kW
Power grid supply:	5.7 kW
Nom. Current grid:	10.51 A
Max. Current grid:	11.22 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	659 kg
Number of ropes:	6
%Counterweighed:	45 %

LOADS IN DaN

P1: 3800 daN	P8: - daN
P2: 5200 daN	P9: - daN
P3: 520 daN	P10: - daN
P4: 2215 daN	P11: daN
P5: - daN	P12: daN
P6: - daN	P13: daN
P7: - daN	P14: daN

RANGING MEASURES MRL

A: 386 mm	F: 1514 mm
B: 111 mm	G: mm
C: 1514 mm	H: mm
D: 111 mm	I: mm
E: 386 mm	

CUSTOMER Paradis
ADDRESS Essentia 180 laipsn
CITY Architektams



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SCALE

DRAWING N°

CHECKED

UNIT mm

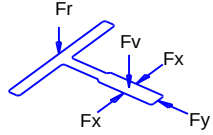
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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-127-L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	3030	3500	
Fx max [daN]	343	8.28	
Fy max [daN]	76.48	21.14	
Fv max [daN]**	1418.5	46.47	
Fr max [daN]	0	0	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	188.5	80.48	
d perm [mm]	5	10	
d guide max X [mm]	4.97	4.79	
d guide max Y [mm]	2.63	5.71	
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.

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	1000 kg	1	CUSTOMER	YES (prepare for removable hook)
L2	1000 kg	3	CUSTOMER	NO

REMARKS

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

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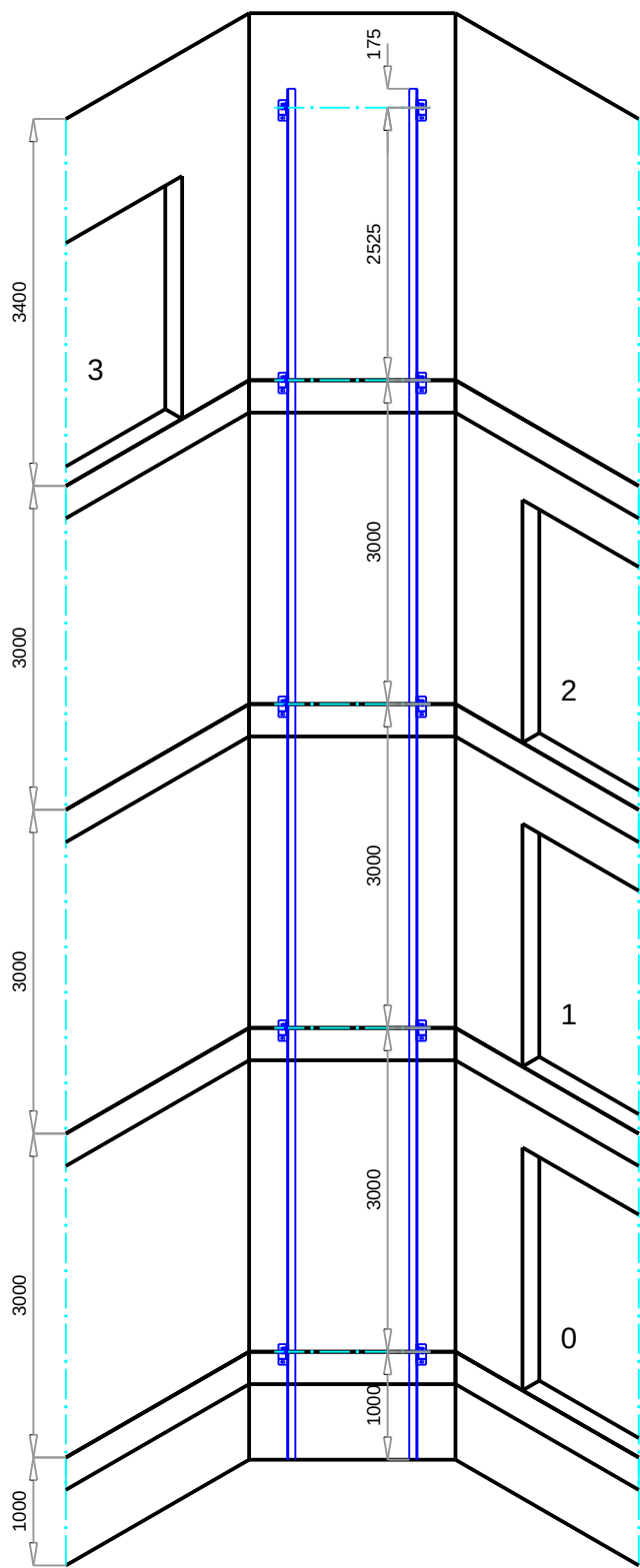
UNIT mm

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TRAVEL HEIGHT = 9000 mm
NUMBER OF BRACKETS = 5
DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
MAX DISTANCE BETWEEN BRACKETS = 3030 mm

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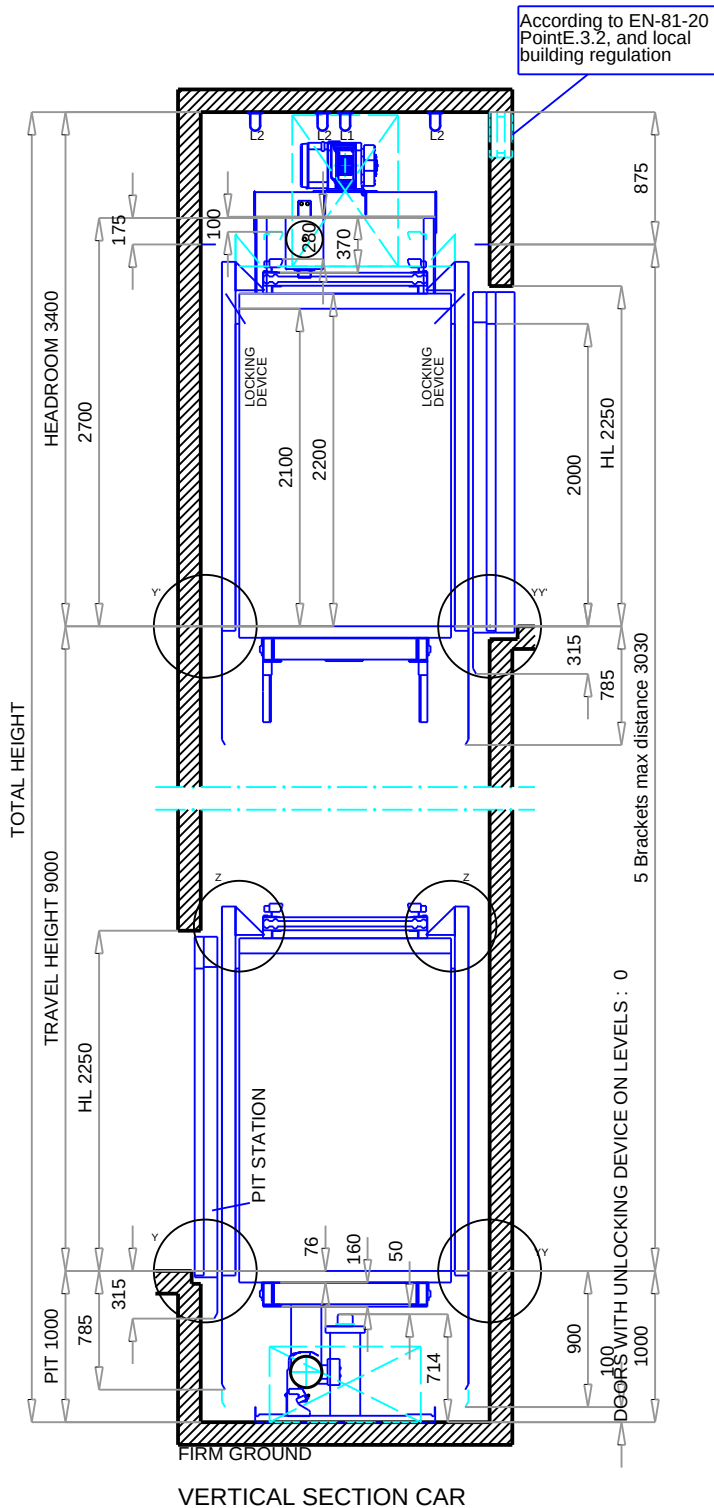
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UNIT mm

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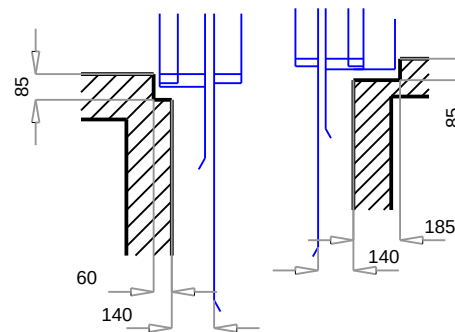
VERTICAL SECTION CAR

Y DETAIL

Doors on level

YY' DETAIL

Doors on level 3



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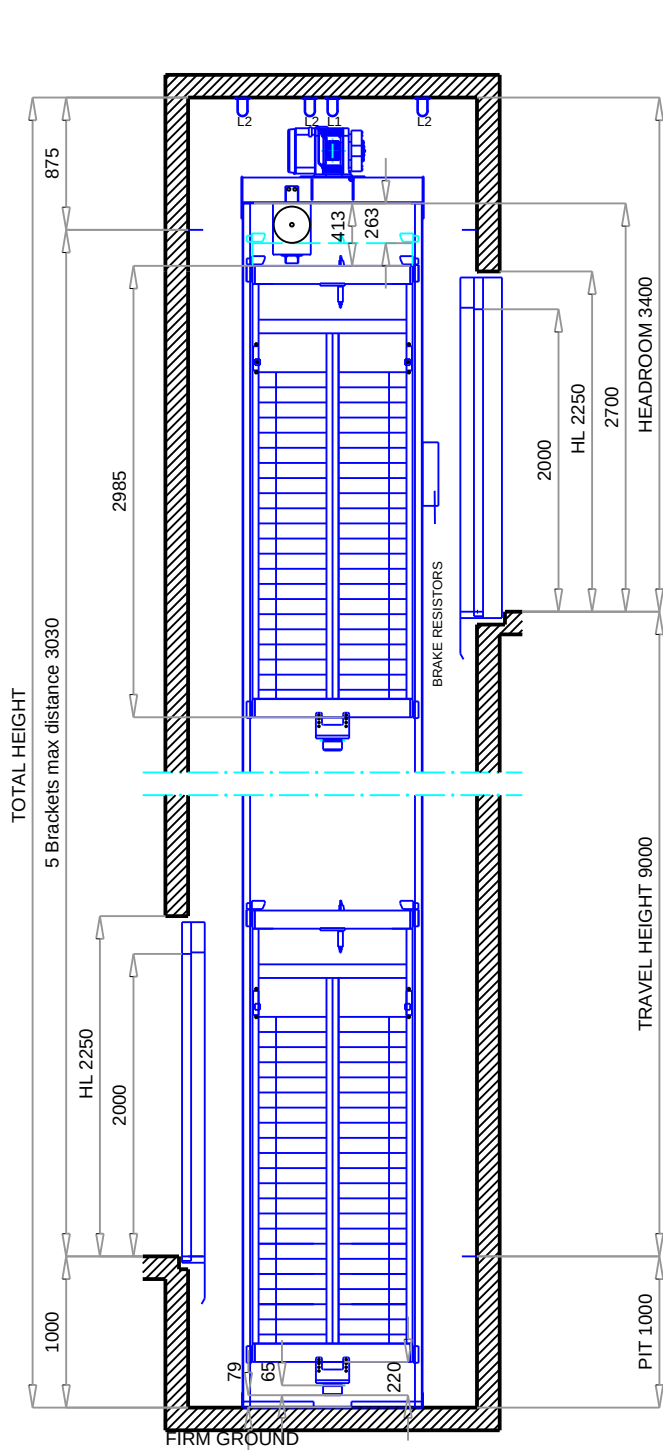
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UNIT	mm
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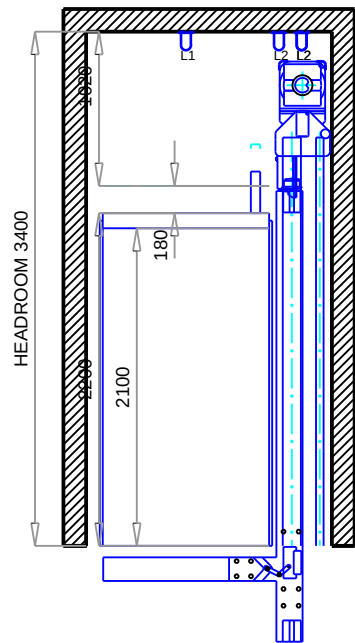
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VERTICAL SECTION COUNTERWEIGHT



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Doors on level 3

45 1070 460 50

500x700x2100

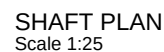
125

CONTROLLER 420x165x2210

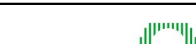
REBATE

Only on last floor

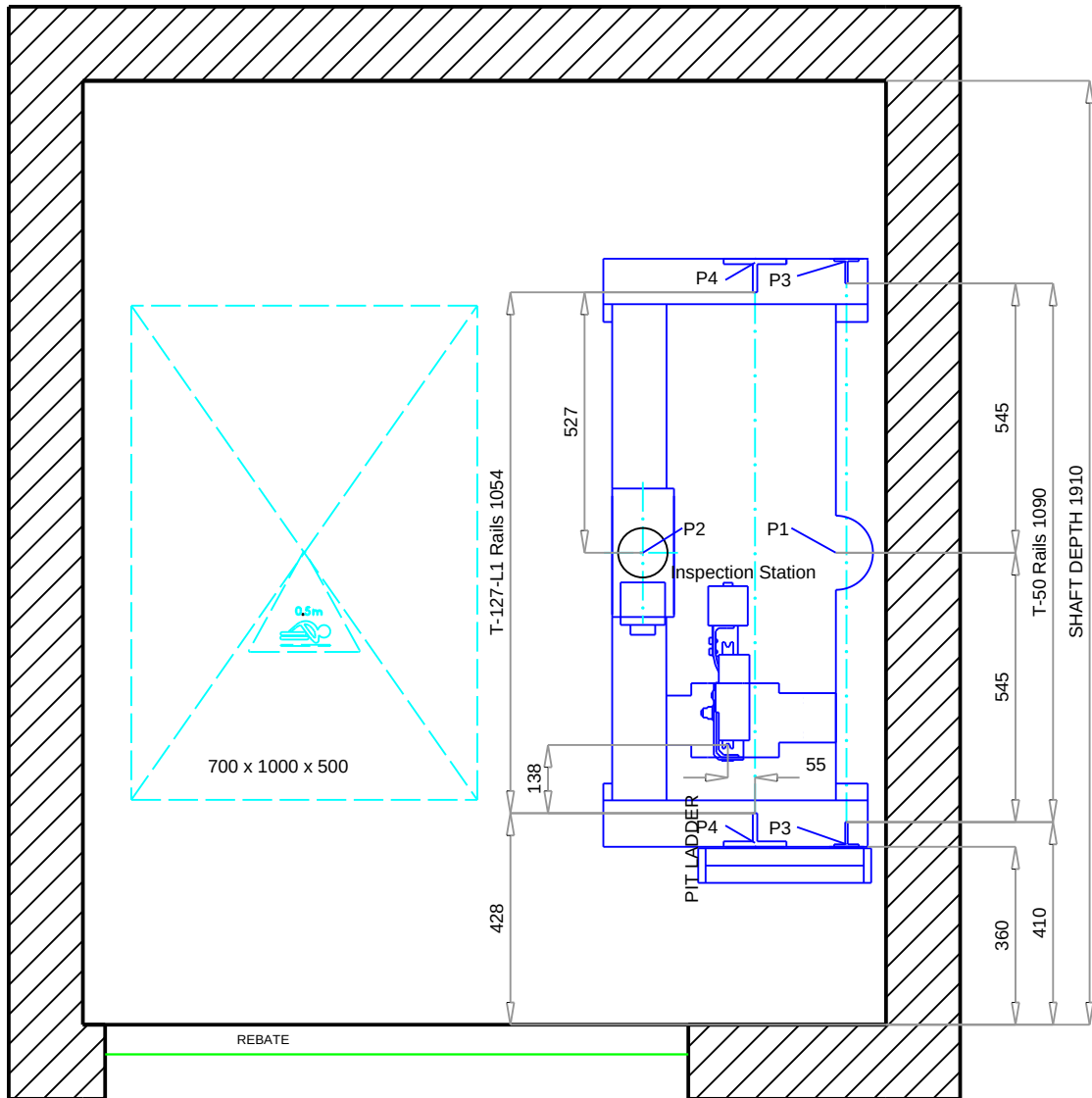
90 90 30 110



(*) Car dimensions according to EN81-70

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PLAN ON PIT

Scale 1:15

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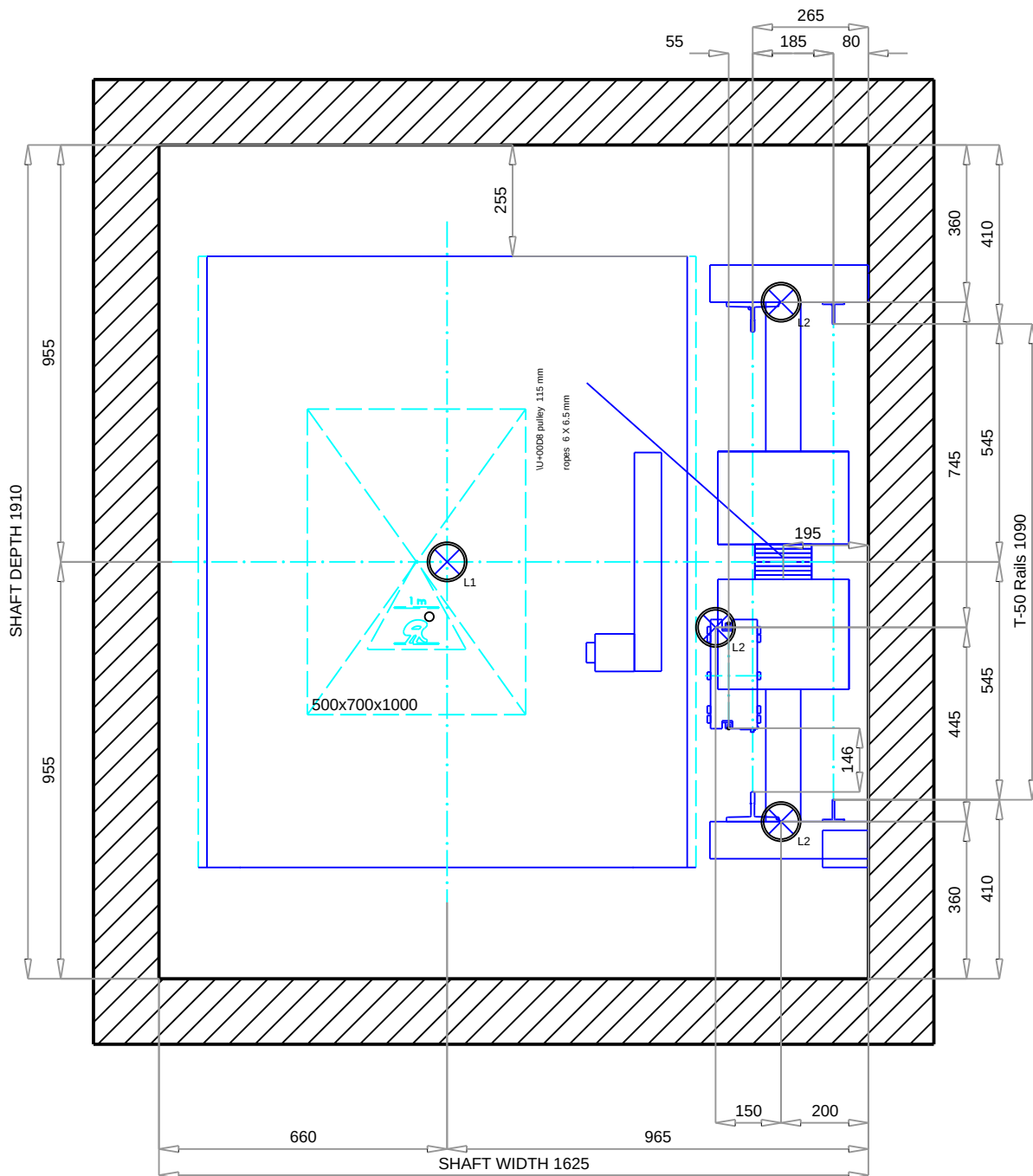
UNIT mm

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MACHINE VIEW

Scale 1:15

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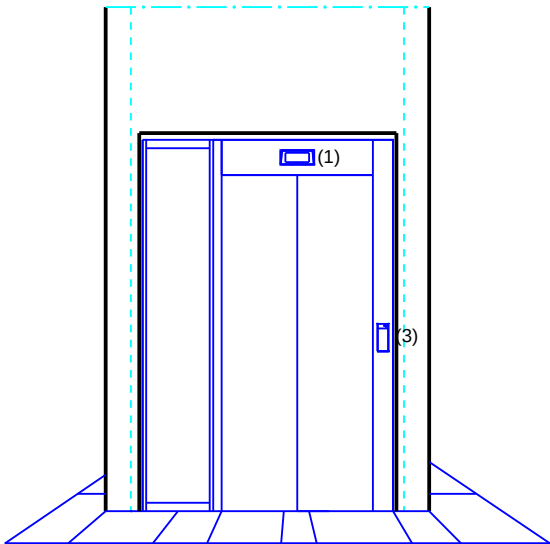
UNIT mm

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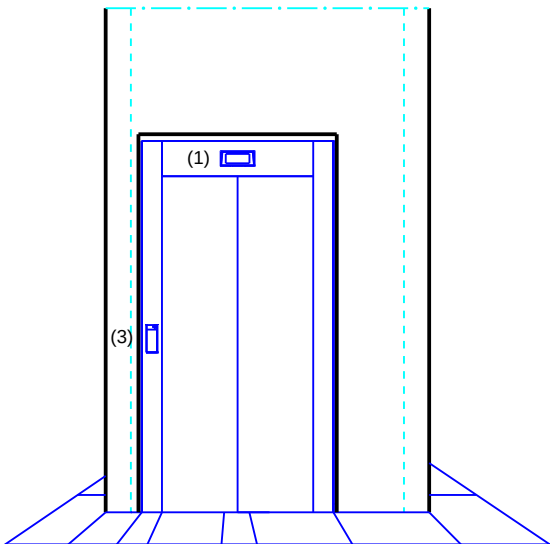
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Doors on level 3
SECONDARY ACCESS



Doors on level 0, 1, 2
MAIN ACCESS

- (1) Indicator
- (3) LOP

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