

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:	10.52 A
Max. Current grid:	11 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	612 kg
Number of ropes:	6
%Counterweighed:	45 %

LOADS IN DaN

P1: 3600 daN	P8: - daN
P2: 5000 daN	P9: - daN
P3: 500 daN	P10: - daN
P4: 2135 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: 201 mm	

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ADDRESS Essentia standartinis
CITY Architektams



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EXPV00004

SCALE

DRAWING N°

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UNIT mm

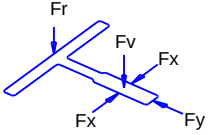
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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-127-L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	3060	3500	
Fx max [daN]	331.63	7.87	
Fy max [daN]	135.93	20	
Fv max [daN]**	1372.39	46.47	
Fr max [daN]	0	0	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	213.85	76.63	
d perm [mm]	5	10	
d guide max X [mm]	4.95	4.55	
d guide max Y [mm]	4.8	5.42	
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
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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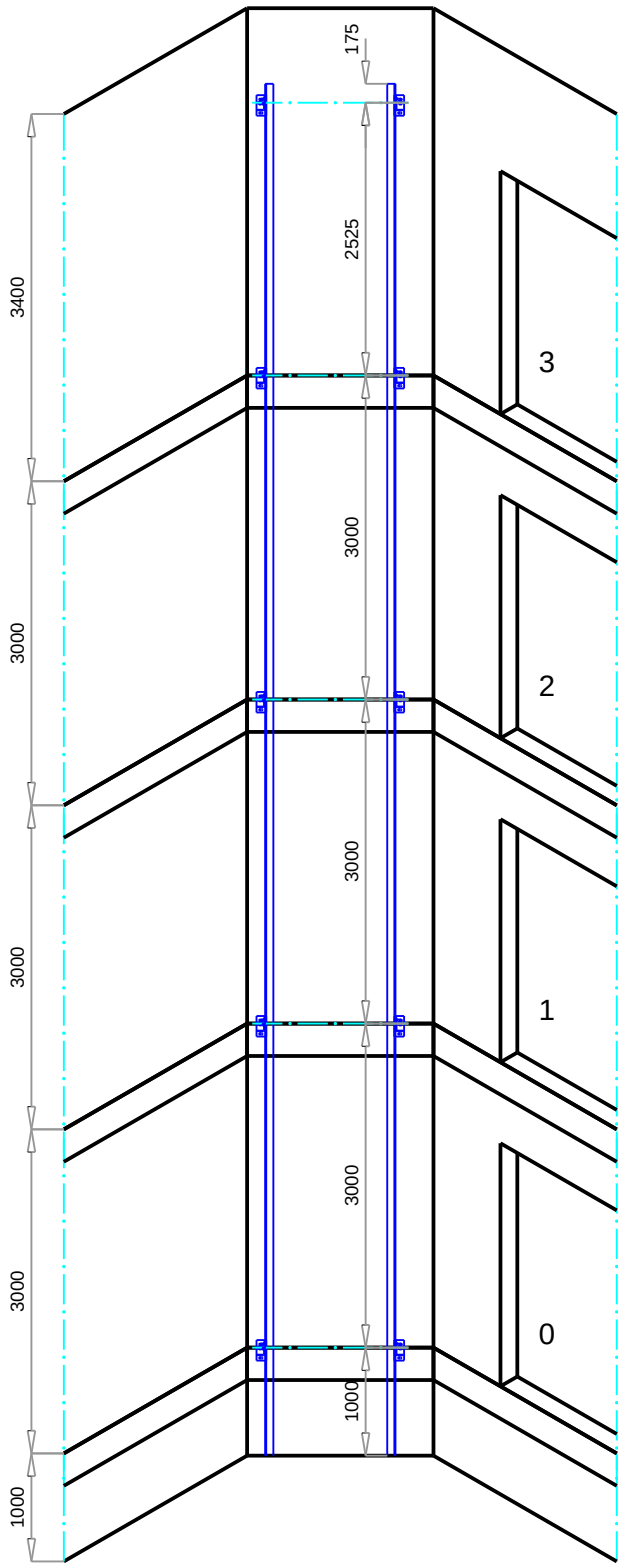
UNIT mm

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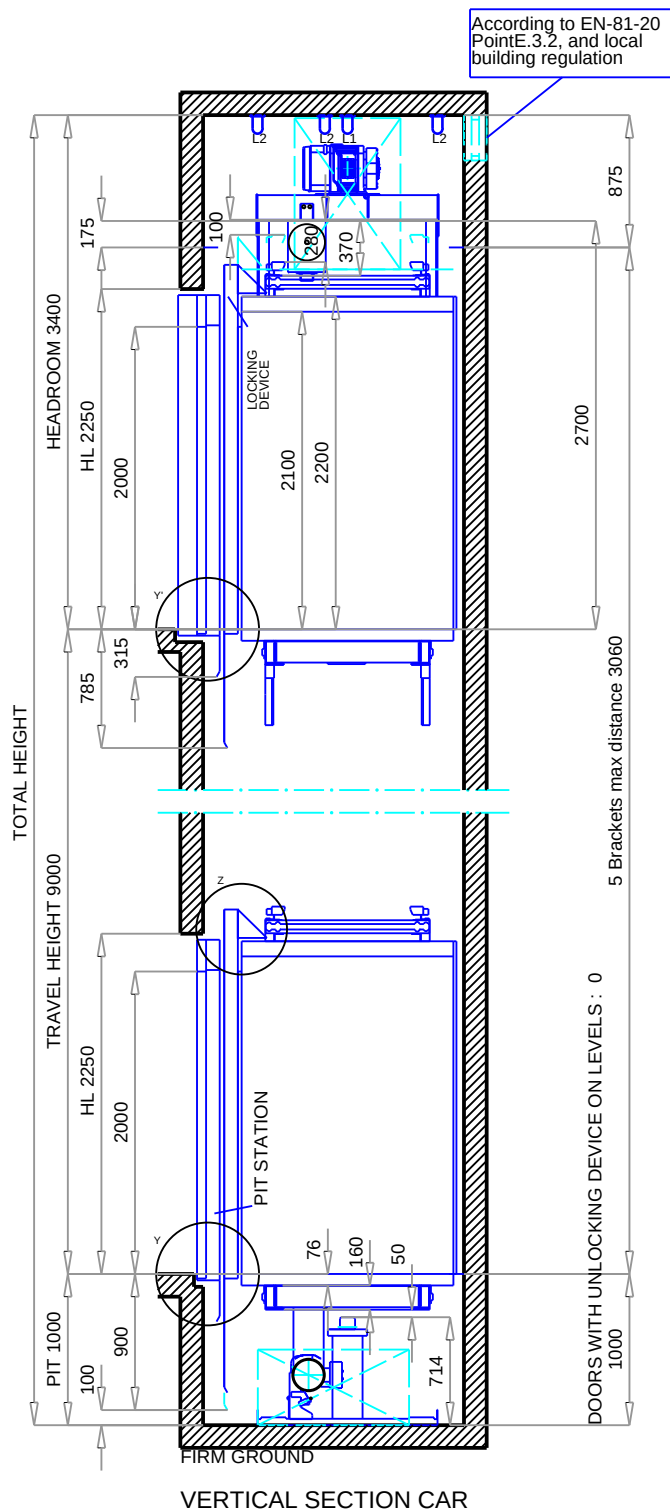
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TRAVEL HEIGHT = 9000 mm
NUMBER OF BRACKETS = 5
DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
MAX DISTANCE BETWEEN BRACKETS = 3060 mm

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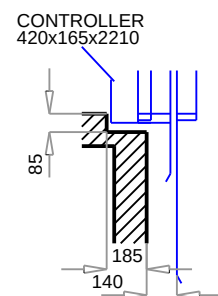
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VERTICAL SECTION CAR

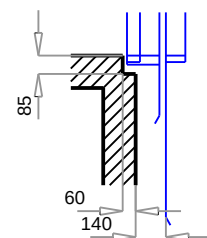
Y' DETAIL

Doors on level 3



Y DETAIL

Doors on level



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UNIT	mm
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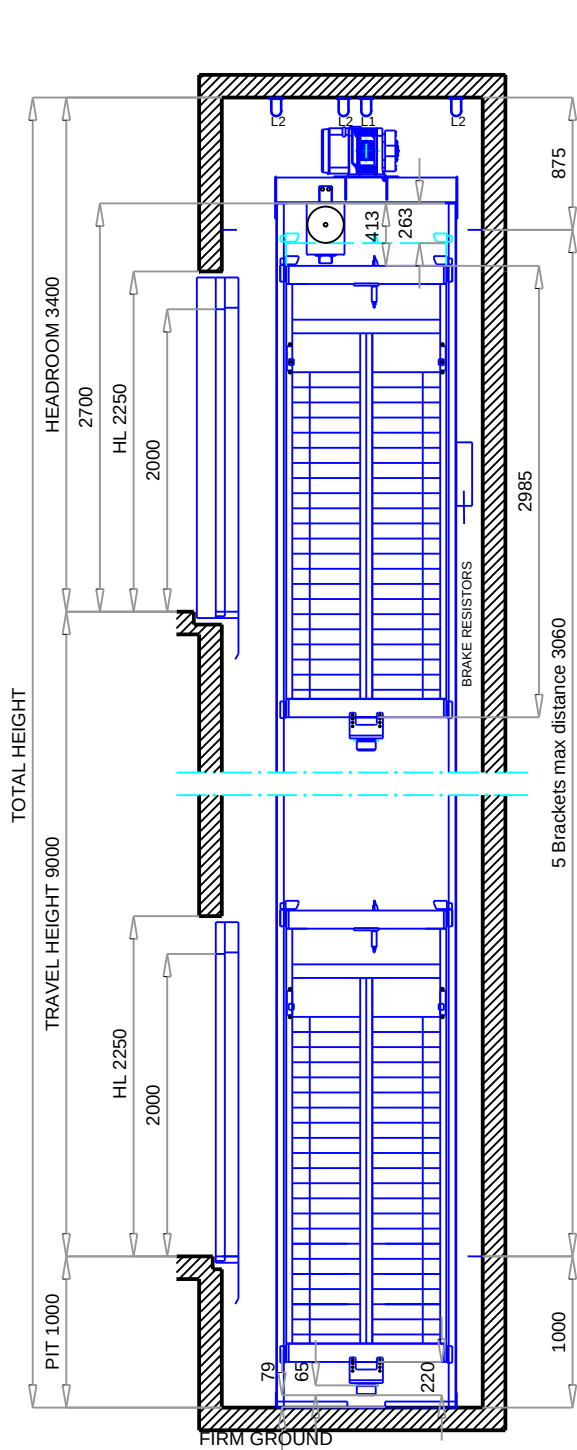
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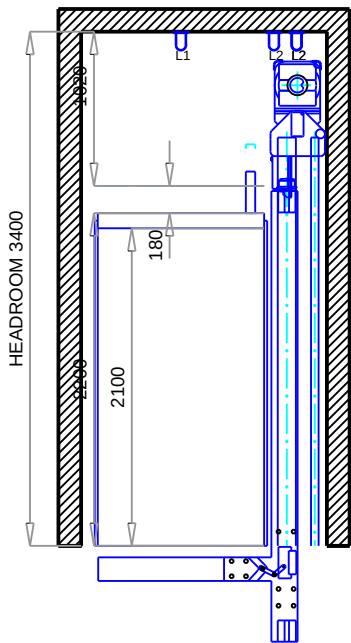
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VERTICAL SECTION COUNTERWEIGHT



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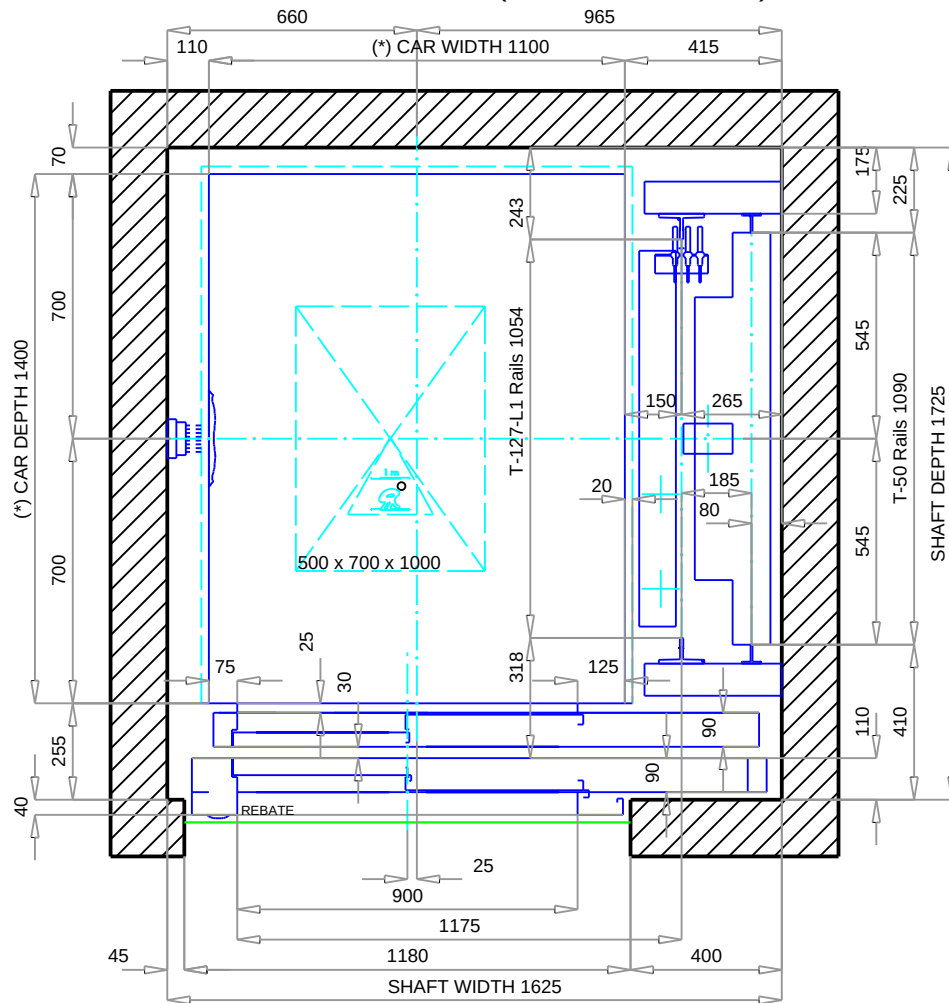
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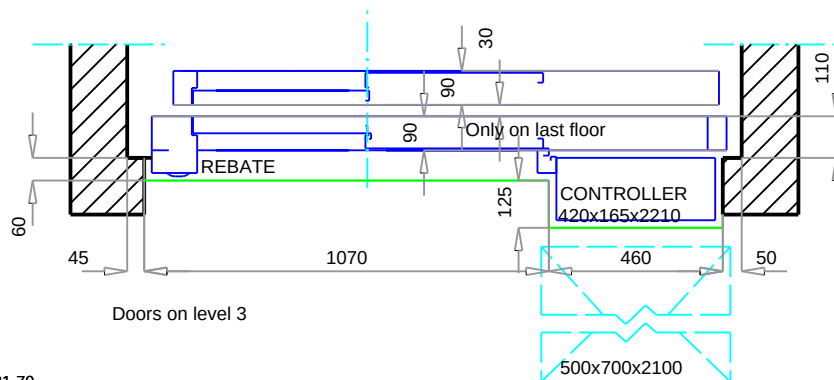
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Doors on level

SHAFT PLAN
Scale 1:20

Headroom requirement for a solution compliant
with EN81-20/50 with:
Max Shaft With = 1912 mm
Max Shaft Depth = 2058 mm



(*) Car dimensions according to EN81-70

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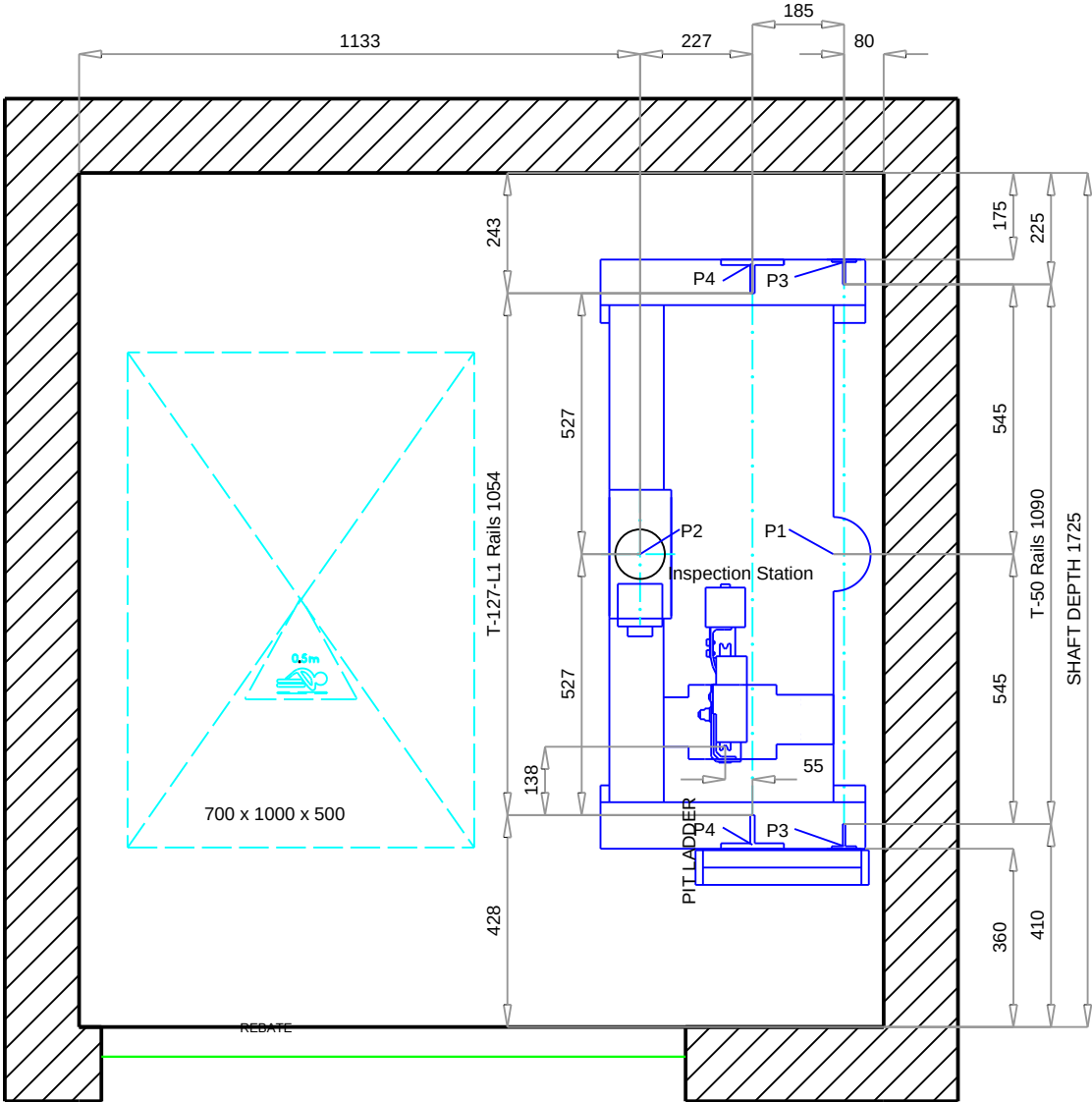
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PLAN ON PIT
Scale 1:15

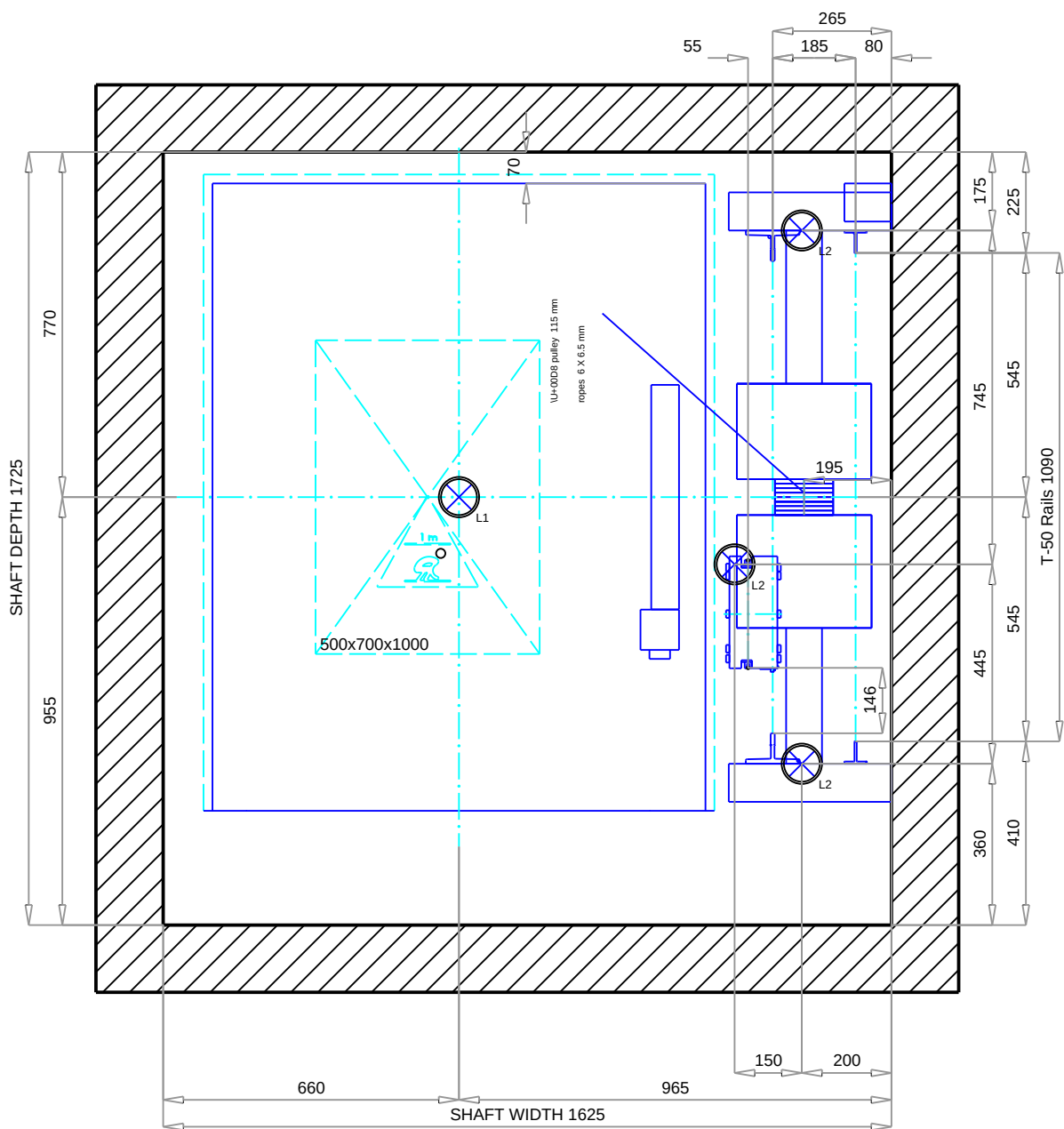
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MACHINE VIEW
Scale 1:15

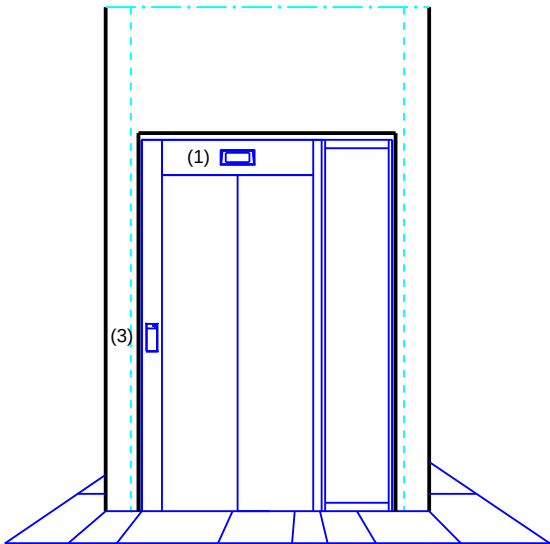
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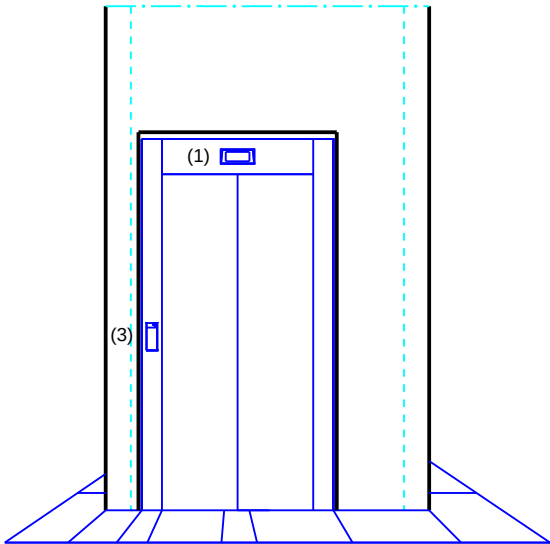
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Doors on level 3



Doors on level 0, 1, 2

(1) Indicator

(3) LOP

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