

DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

MAIN FEATURES	
Nominal load:	630 kg 8 Passengers
Speed:	1 m/s
Travel:	6 m
N. of stops:	3
Nº of acceses:	3
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:	5.6 kW
Nom. Current grid:	10.46 A
Max. Current grid:	11 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	627 kg
Number of ropes:	6
%Counterweighed:	45 %

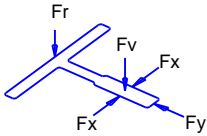
LOADS IN DaN	
P1: 3650 daN	P8: - daN
P2: 5050 daN	P9: - daN
P3: 705 daN	P10: - daN
P4: 2115 daN	P11: daN
P5: - daN	P12: daN
P6: - daN	P13: daN
P7: - daN	P14: daN

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	

CUSTOMER			DRAWING Nº	REF. 1802899
ADDRESS		V. Kreves pr. 50		
CITY		Kaunas		
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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]	3050	3500	
Fx max [daN]	335.28	9.86	
Fy max [daN]	137.38	25.18	
Fv max [daN]**	1350.73	35.49	
Fr max [daN]	0	0	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	206.37	97.78	
d perm [mm]	5	10	
d guide max X [mm]	4.96	5.7	
d guide max Y [mm]	4.82	6.8	
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	-	-	620	
TYPE	-	-	F1R	

LANDING DOORS

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

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
- Adapted with compensatory measuresfor: REDUCED HEADROOM
- Optimum assembly process: Orona Platform

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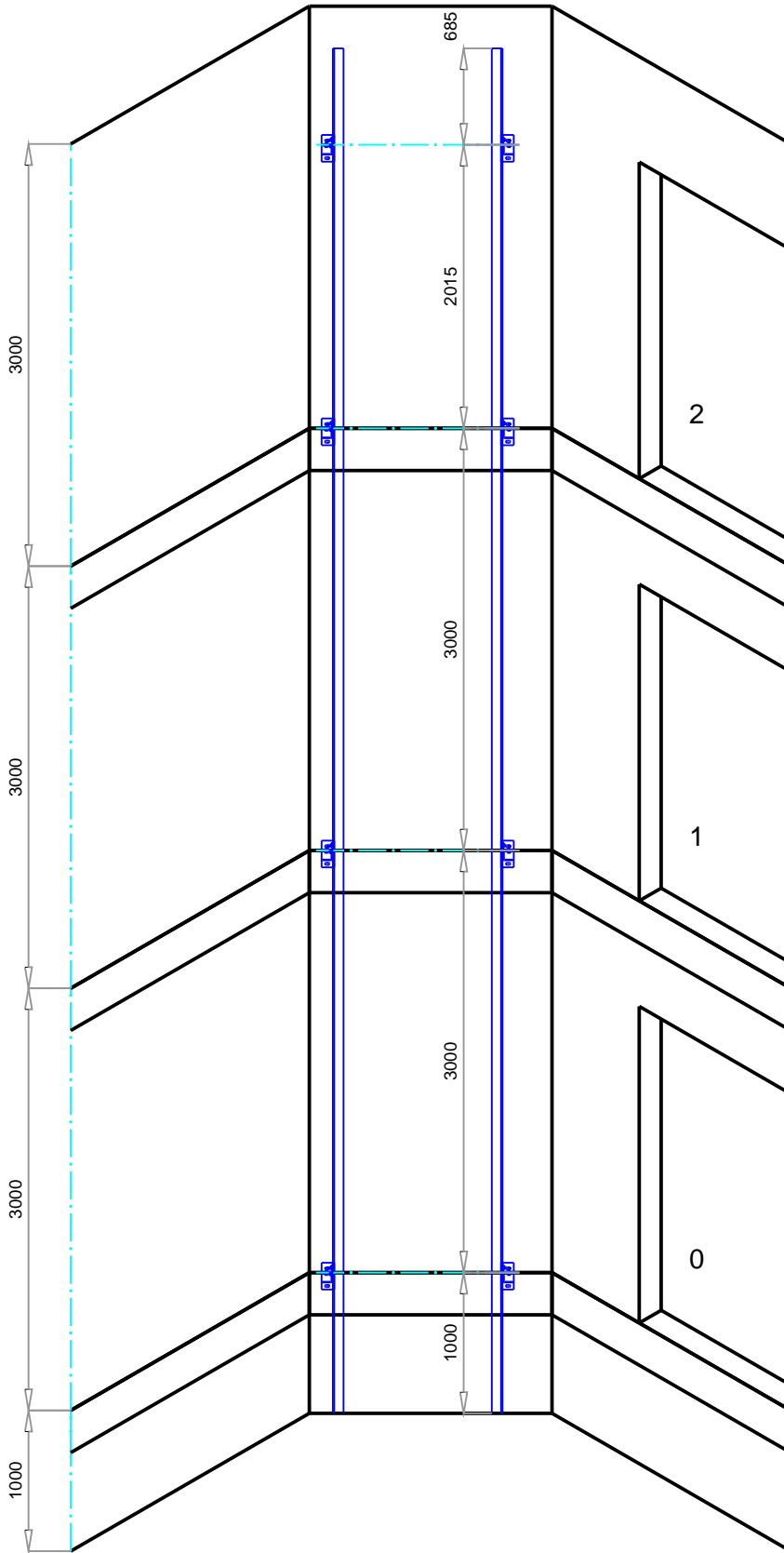
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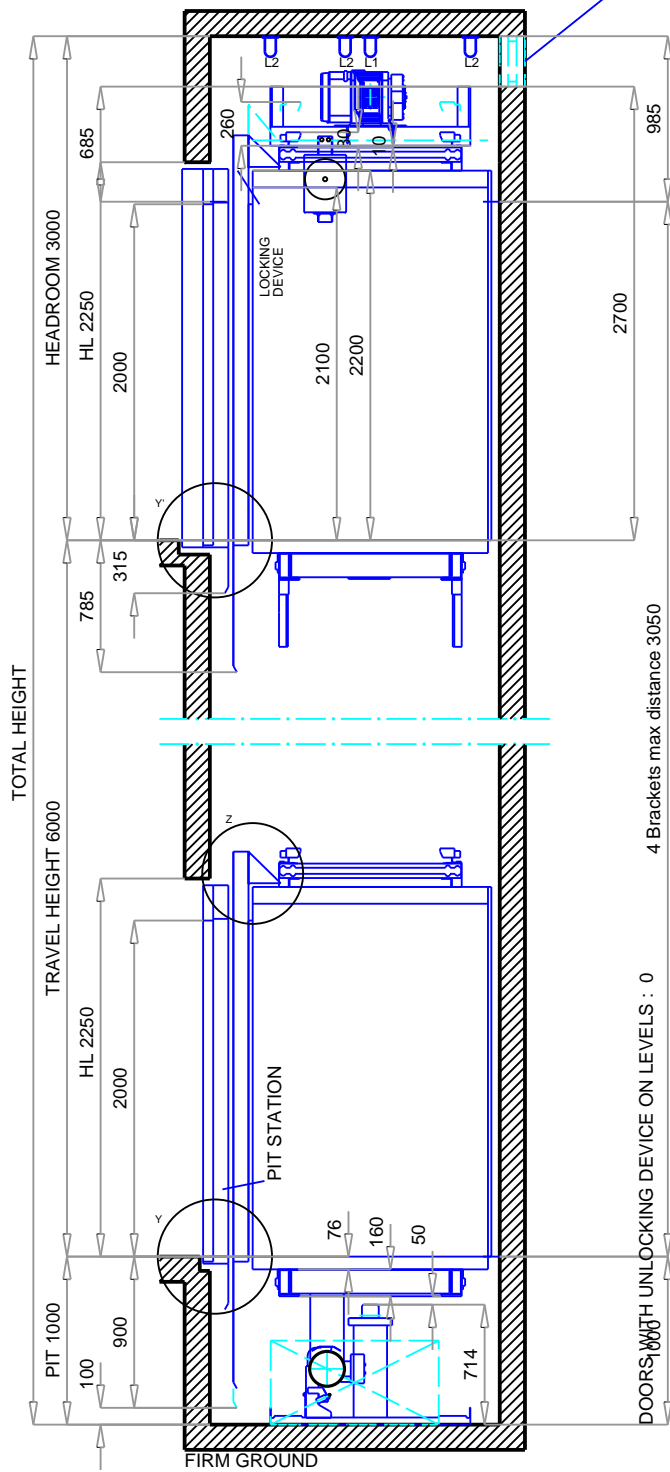


TRAVEL HEIGHT = 6000 mm
 NUMBER OF BRACKETS = 4
 DISTANCE BETWEEN 1ST AND 2ND BRACKET \geq 2360 mm TO PLACE THE PIT LADDER
 MAX DISTANCE BETWEEN BRACKETS = 3050 mm

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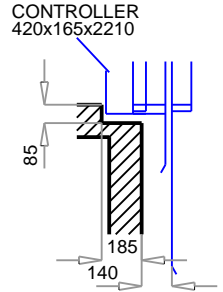
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According to EN-81-20
Point E.3.2, and local
building regulation

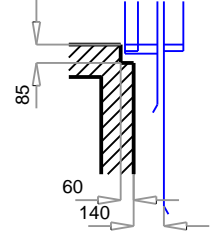


VERTICAL SECTION CAR

Y' DETAIL
Doors on level 2

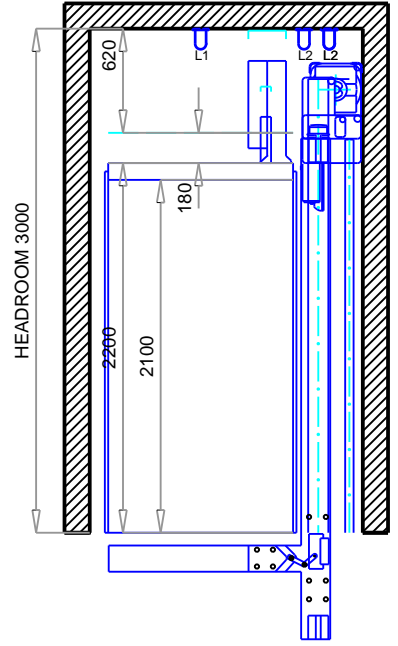
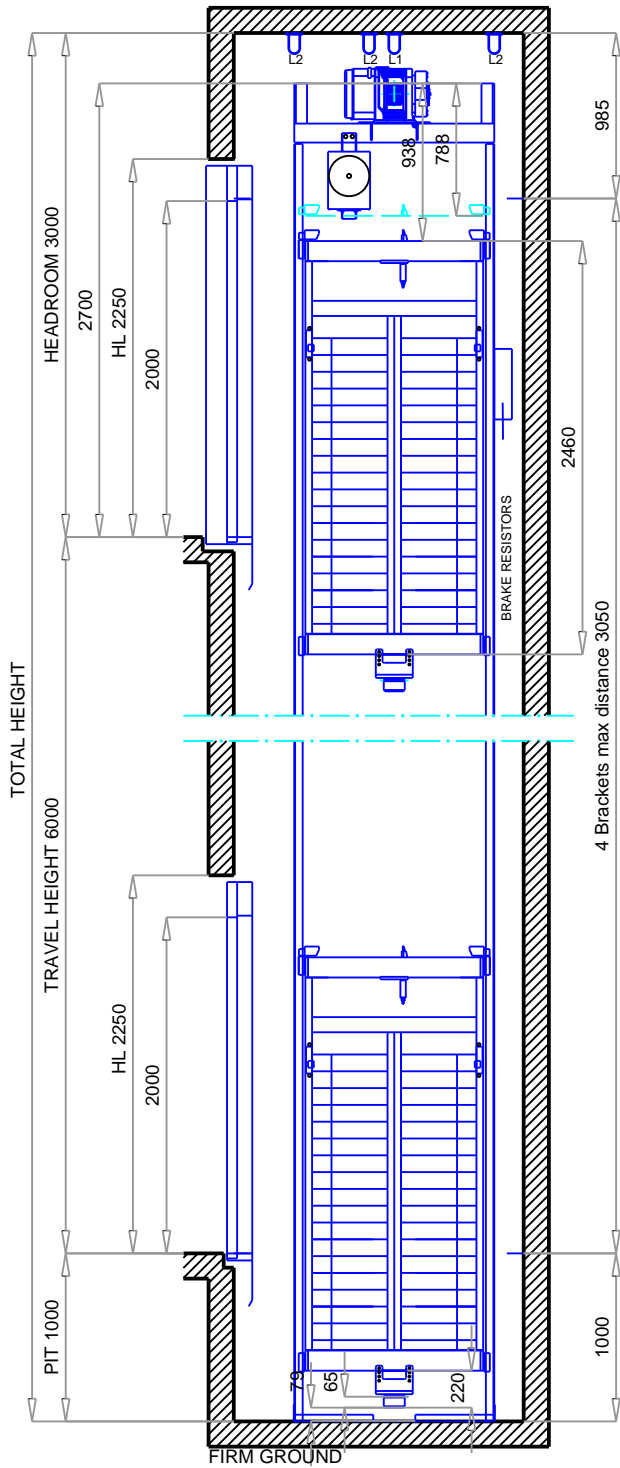


Y DETAIL
Doors on level



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VERTICAL SECTION COUNTERWEIGHT

CUSTOMER

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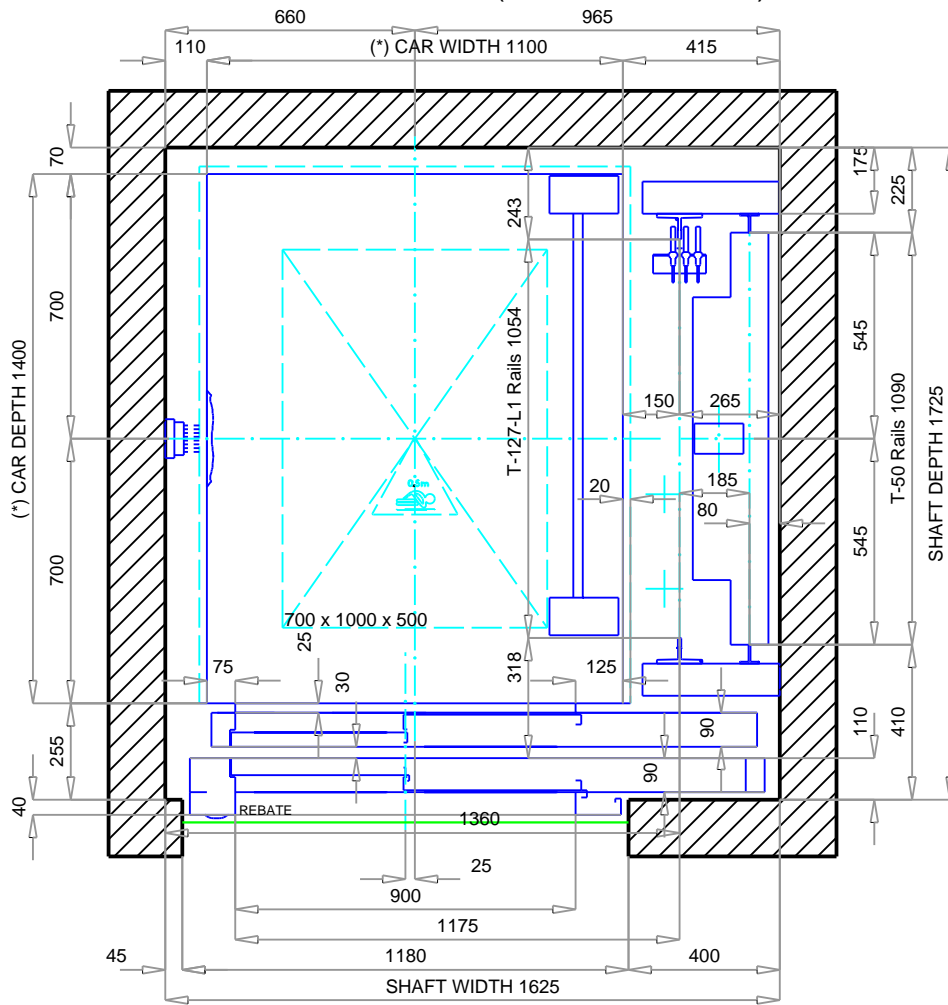
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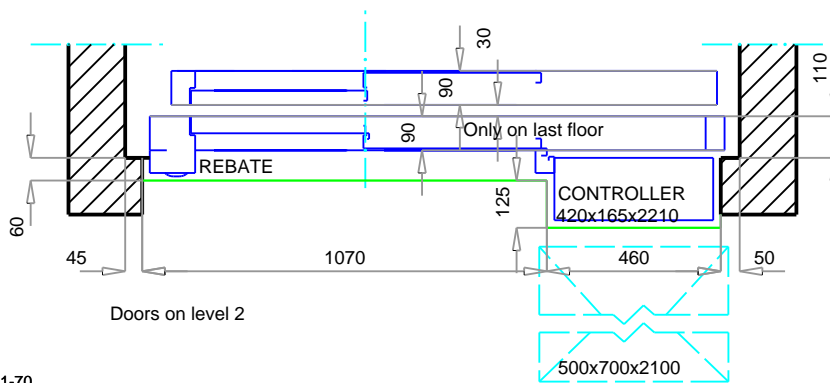
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Doors on level

SHAFT PLAN
Scale 1:20

Headroom requirement for a solution compliant with EN81-20/50 with:
 Max Shaft With = 1795 mm
 Max Shaft Depth = 1915 mm



Doors on level 2

(*) Car dimensions according to EN81-70

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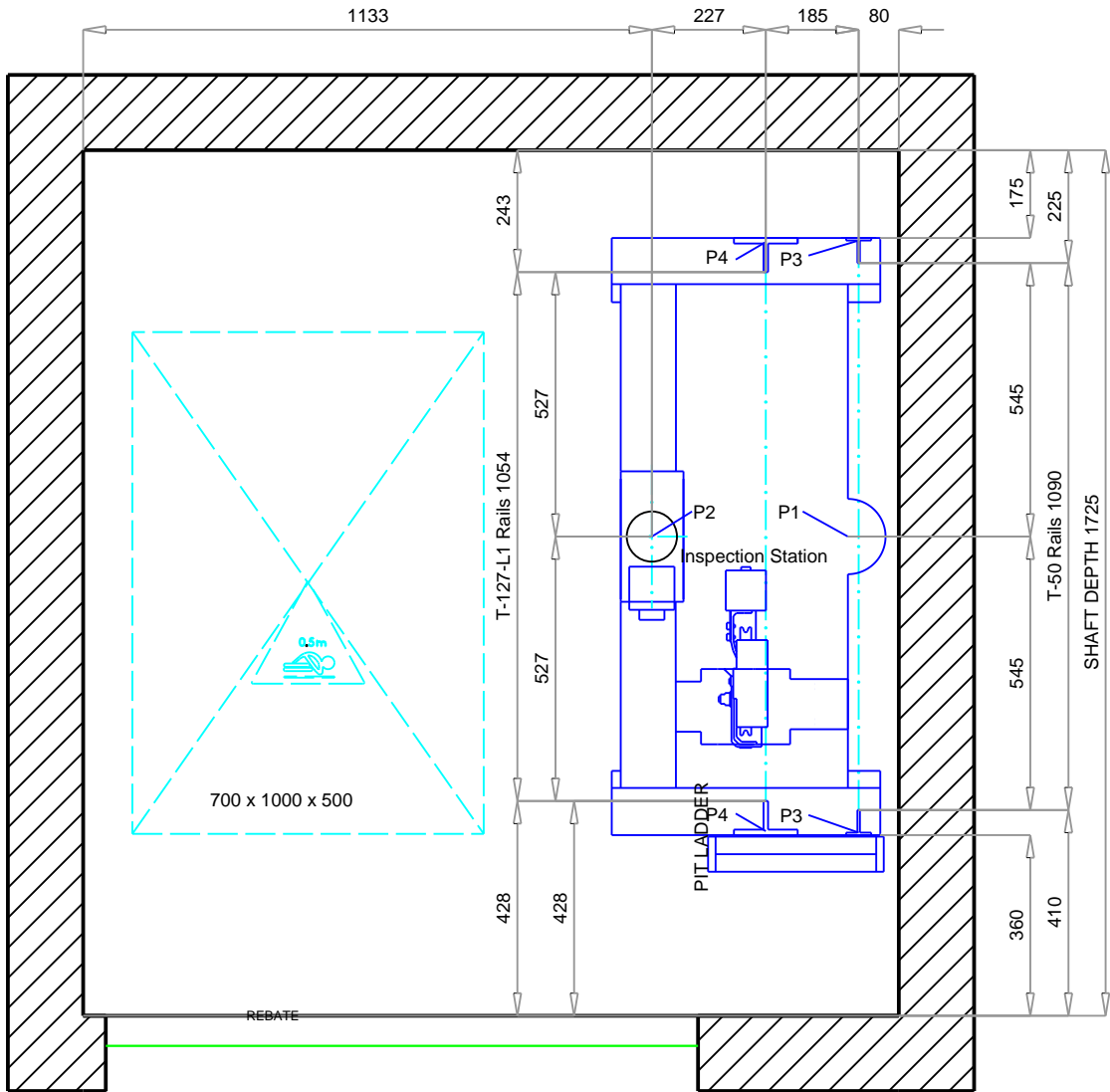
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PLAN ON PIT
Scale 1:15

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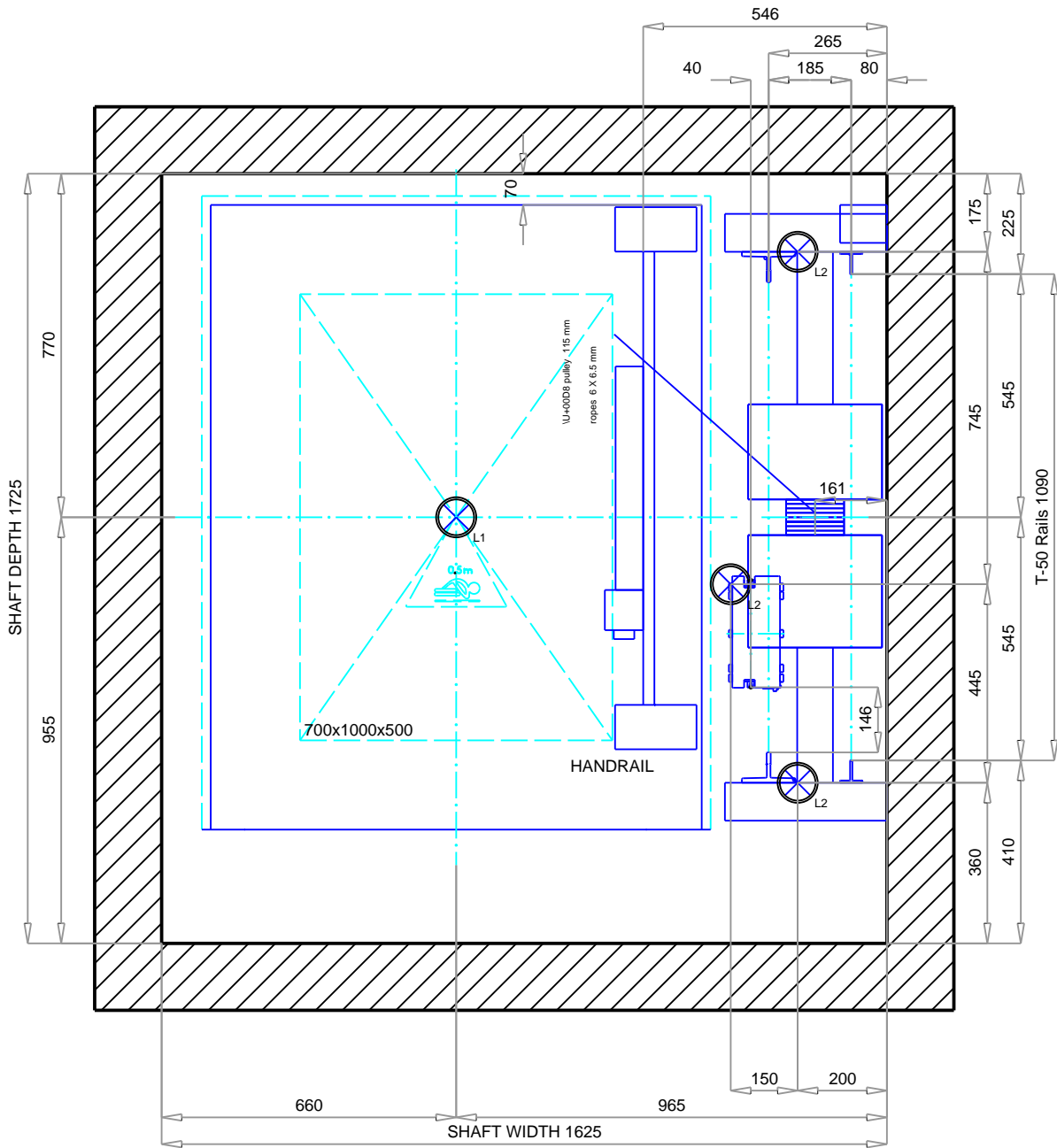
UNIT mm

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MACHINE VIEW

Scale 1:15

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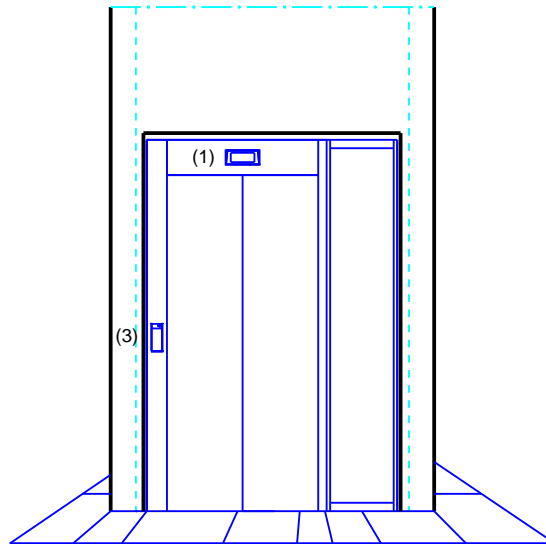
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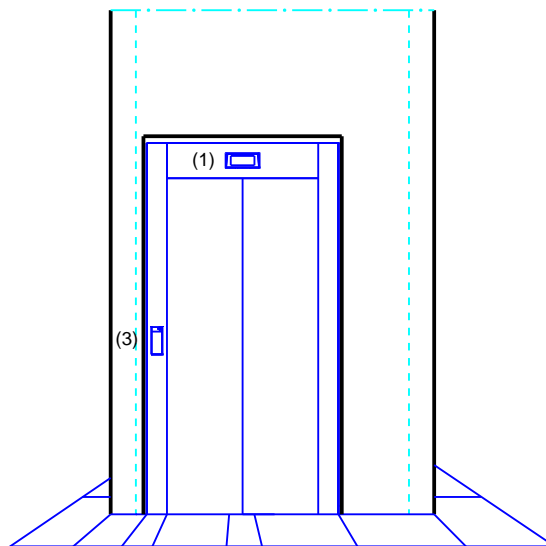
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Doors on level 2



Doors on level 0, 1

(1) Indicator

(3) LOP

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