



DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

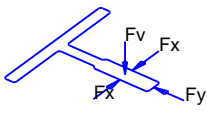
MAIN FEATURES	
Nominal load:	320 kg 4 Passengers
Speed:	1 m/s
Travel:	3 m
N. of stops:	2
Nº of acceses:	2
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES+NEUTRAL
Frequency:	50 Hz
Machine power:	3,4 kW
Heat rejected:	0,3 kW
Power grid supply:	4 kW
Nom. Current grid:	6,85 A
Max. Current grid:	7,53 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	446 kg
Number of ropes:	4
%Counterweighed:	20 %

LOADS IN DaN	
P1: 2365 daN	P8: - daN
P2: 3065 daN	P9: - daN
P3: 310 daN	P10: - daN
P4: 1300 daN	P11: daN
P5: - daN	P12: daN
P6: - daN	P13: daN
P7: - daN	P14: daN

RANGING MEASURES MRL	
A: 386 mm	F: 1239 mm
B: 111 mm	G: mm
C: 1239 mm	H: mm
D: 111 mm	I: mm
E: 201 mm	

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	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-125 L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	3500	3500	
Fx max [daN]	160,91	3,98	
Fy max [daN]	64,56	21,94	
Fv max [daN]	825,65	24,52	
s perm [N/mm ²]	261,11	125,33	
s max [N/mm ²]	149,52	64,77	
d perm [mm]	5	10	
d guide max X [mm]	4,53	2,29	
d guide max Y [mm]	3,47	5,92	
d str max [mm]	0	0	

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

LANDING DOOR FIRE REGULATION

	ENTRANCE 1
E120	0,1

REMARKS

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

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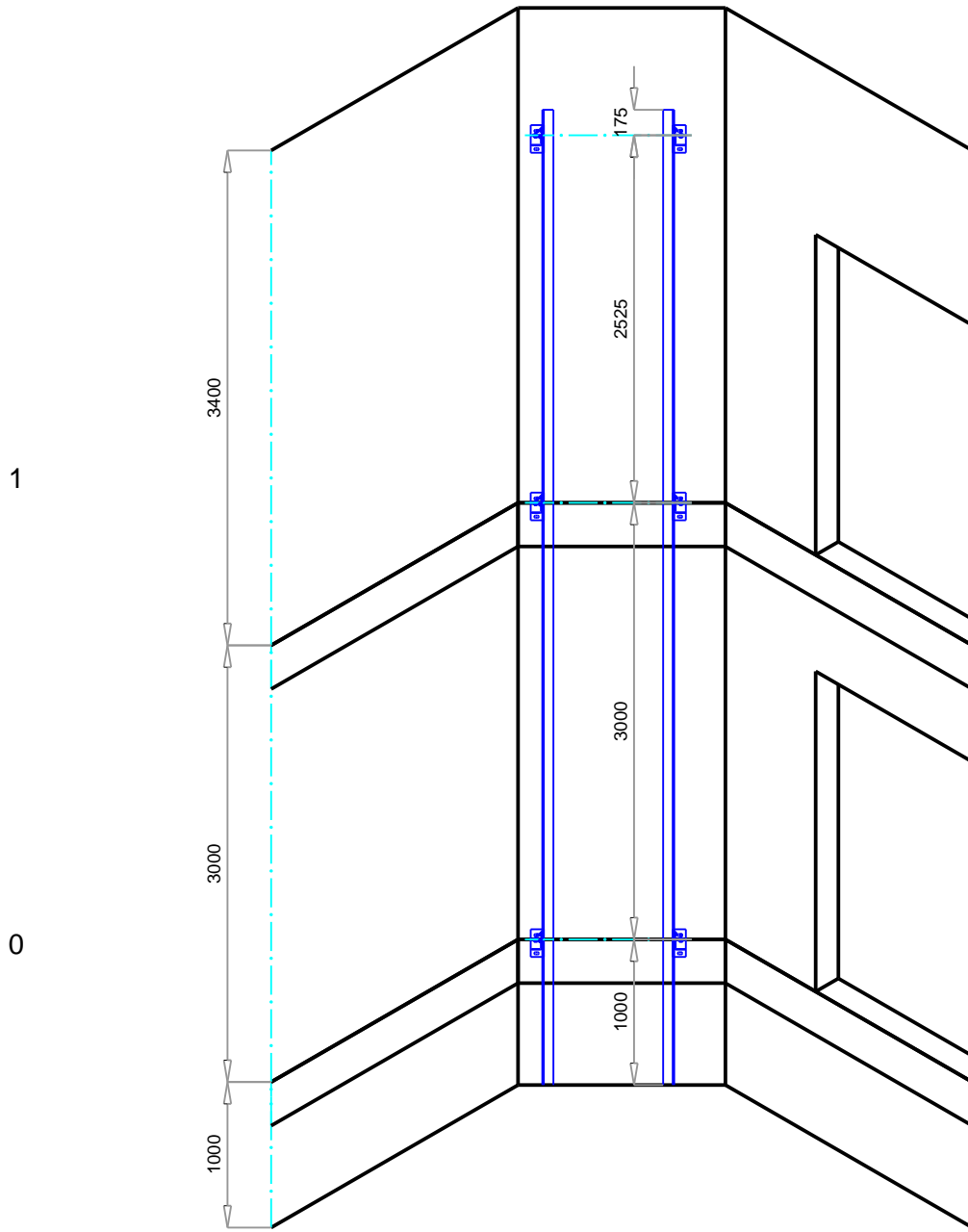
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TRAVEL HEIGHT = 3000 mm
 NUMBER OF BRACKETS = 3
 DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
 MAX DISTANCE BETWEEN BRACKETS = 3500 mm

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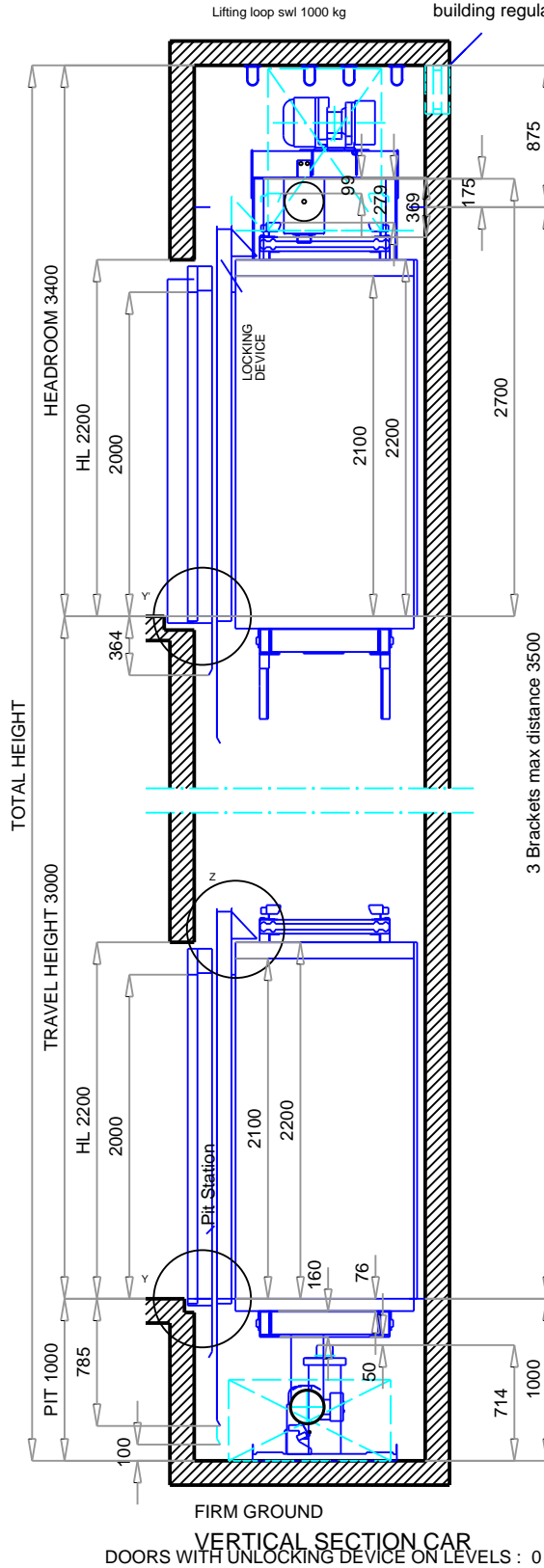
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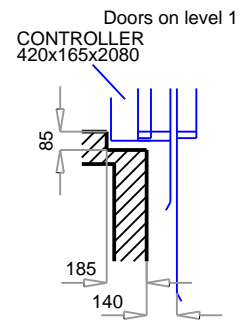
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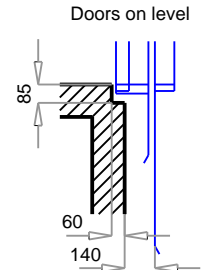
According to EN-81-20
Point E.3.2, and local
building regulation



Y' DETAIL



Y DETAIL



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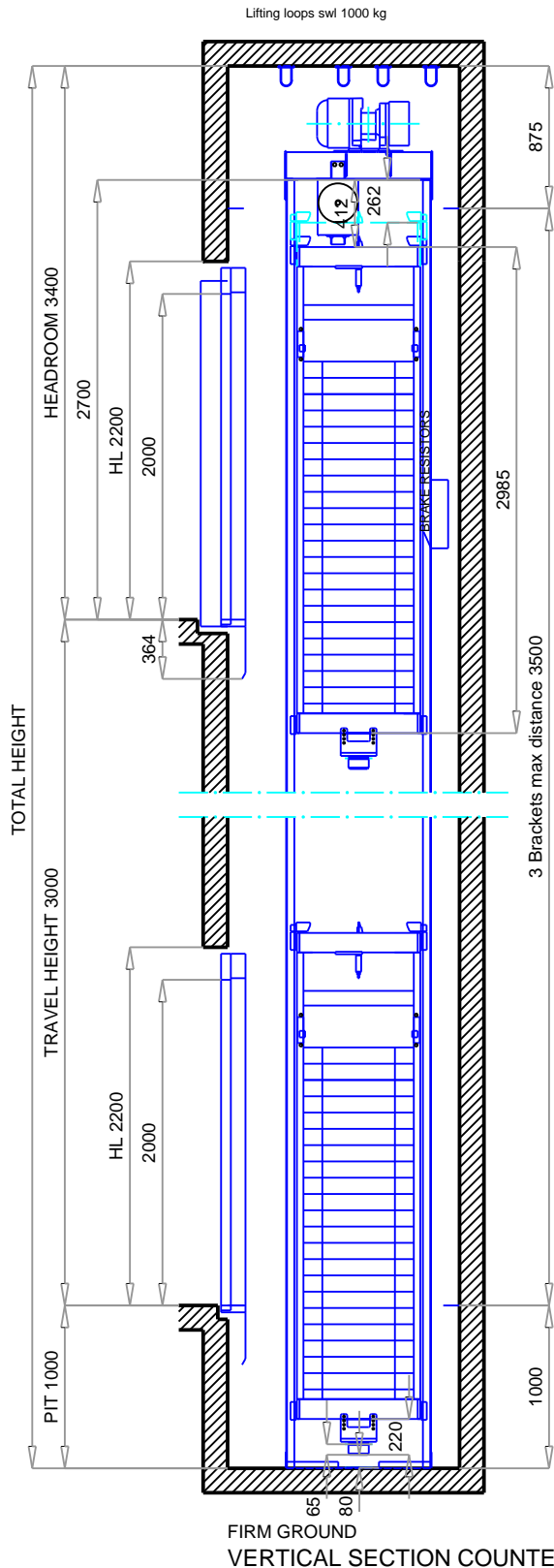
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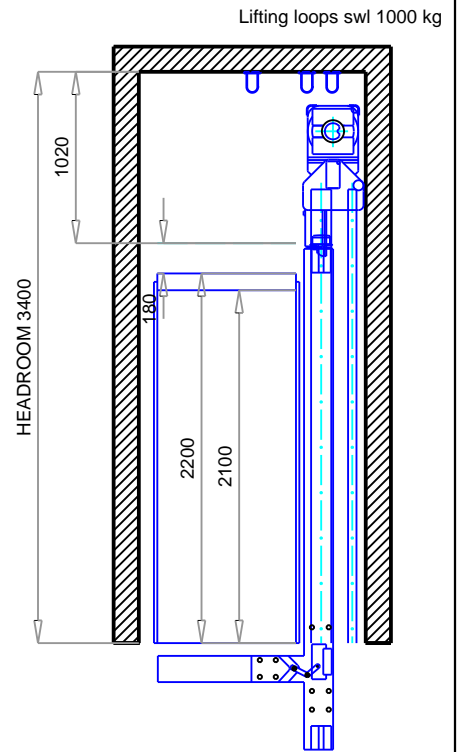
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FIRM GROUND
VERTICAL SECTION COUNTERWEIGHT



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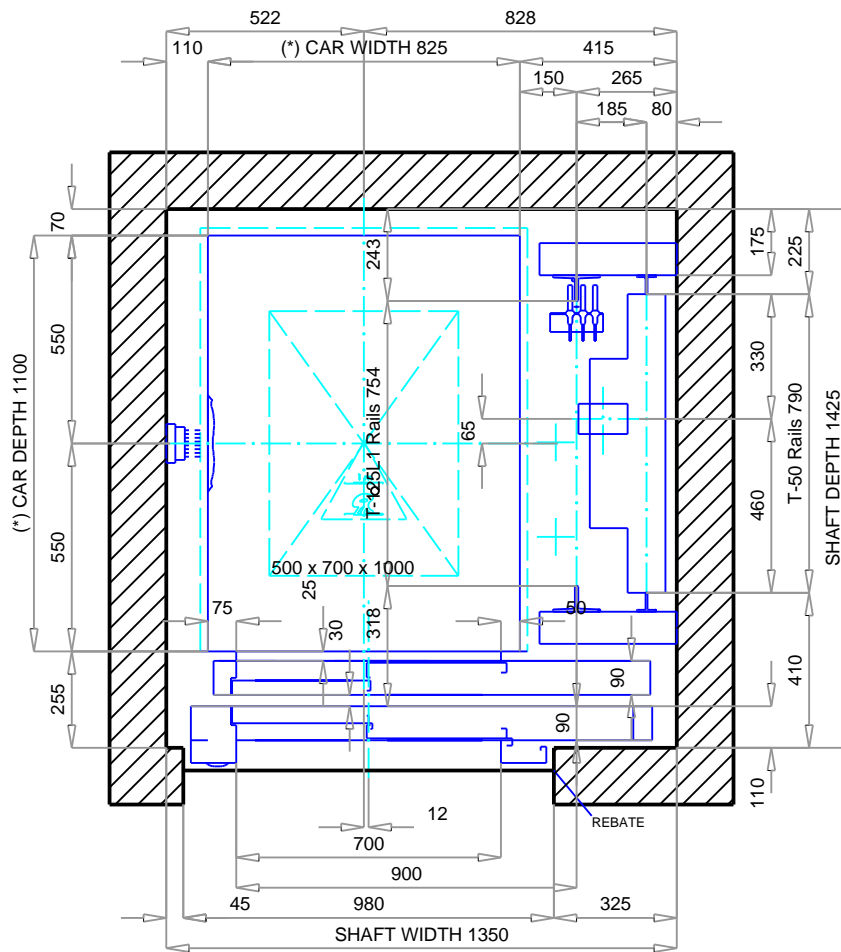
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Doors on level

SHAFT PLAN

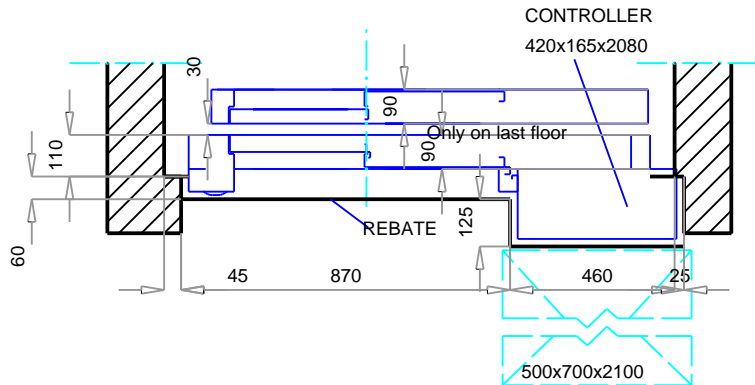
Scale 1:20

Headroom requirement for a solution compliant with EN81-20/50 with:

Max Shaft With = 1637 mm

Max Shaft Depth = 1758 mm

Doors on level 1



(*) Car dimensions according to EN81-70

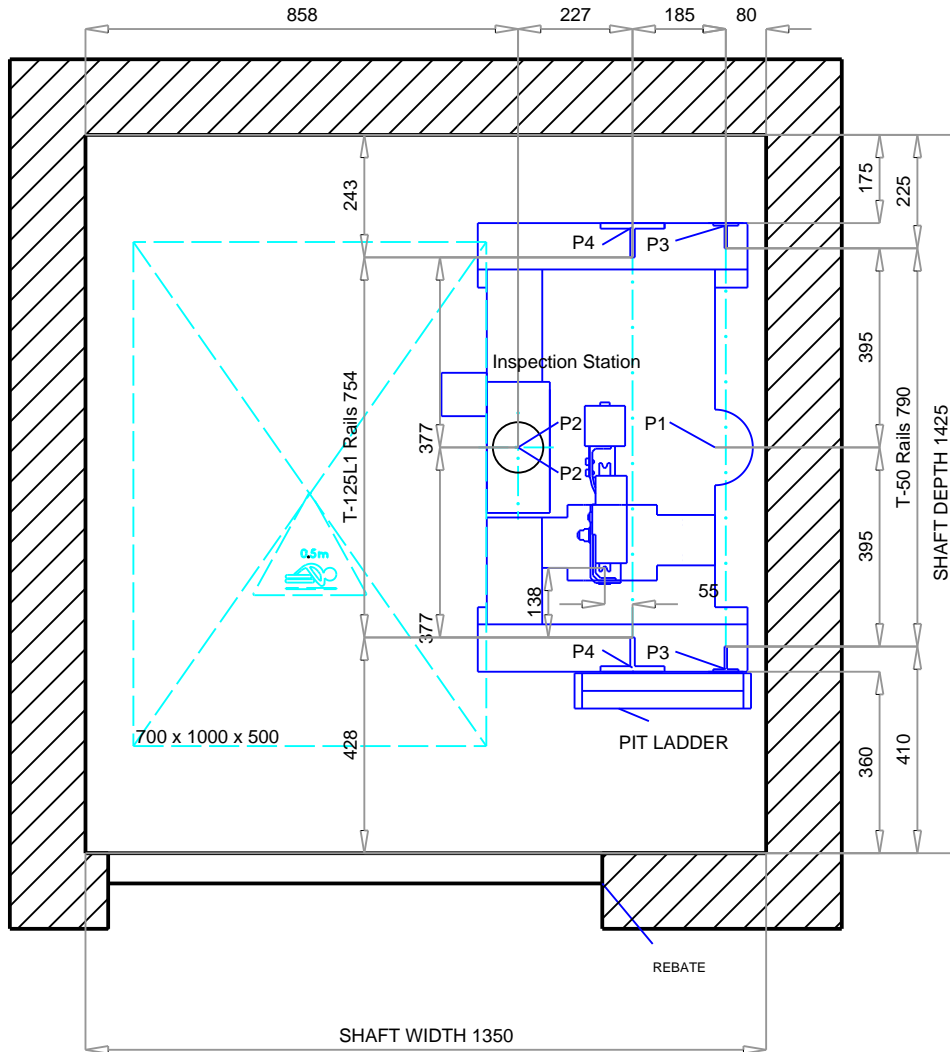
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PLAN ON PIT

Scale 1:15

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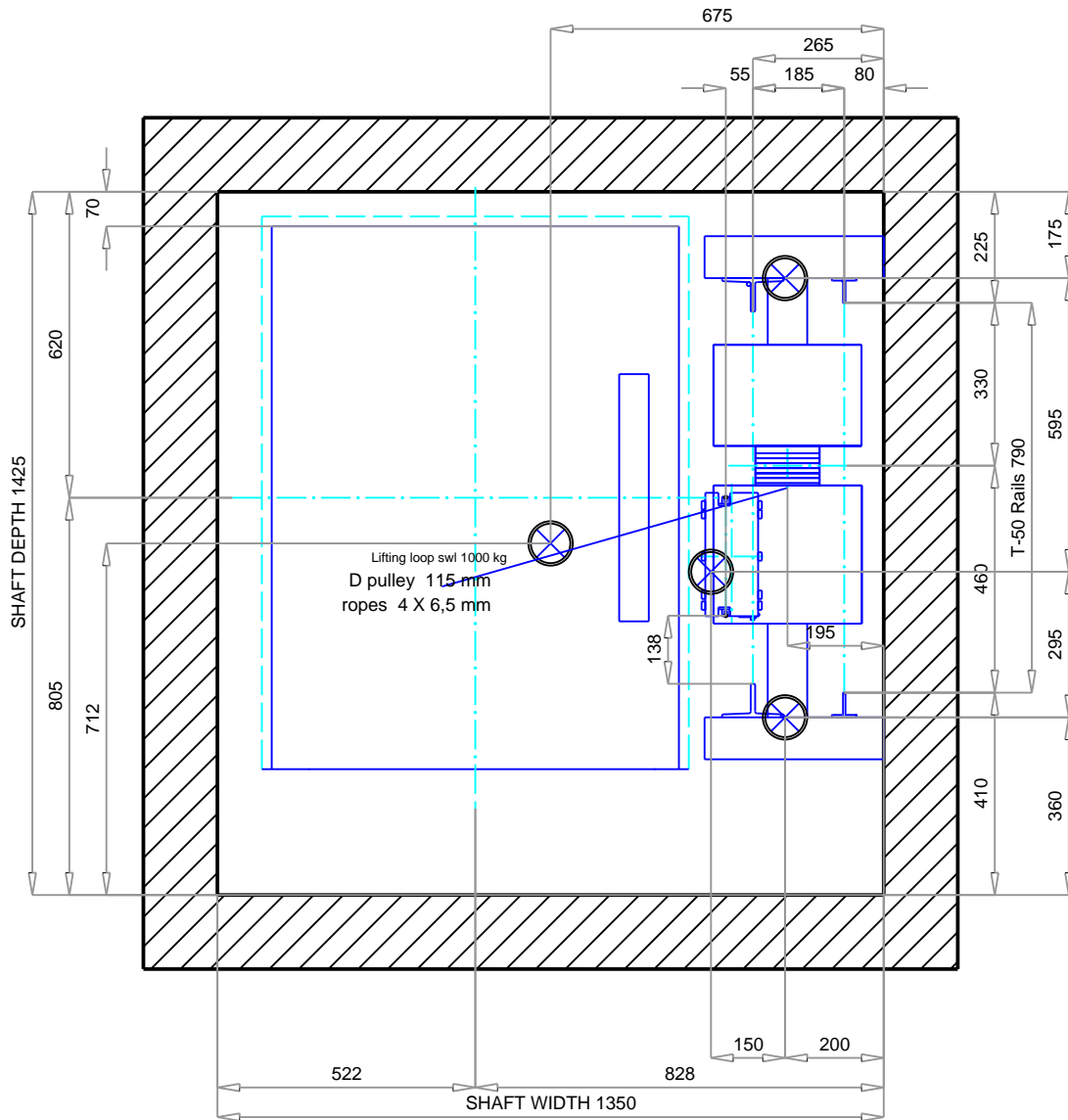
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1 LOOP SUPPLIED & TESTED BY ORONA, REMAINING LOOPS BY OTHERS

MACHINE VIEW

Scale 1:15

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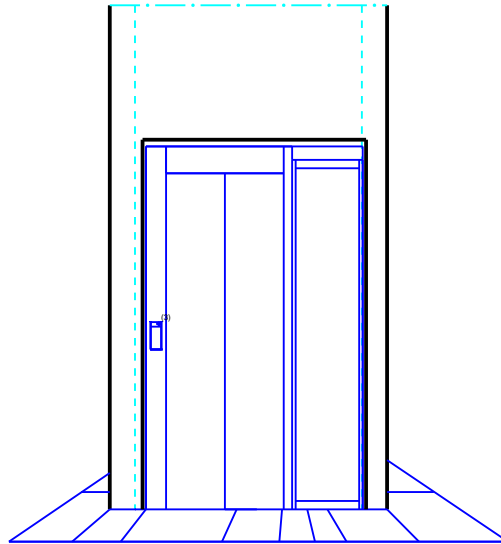
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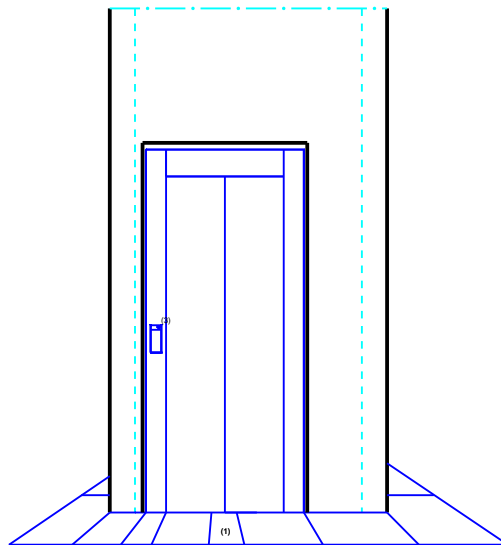
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Doors on level 1




Doors on level 0

- (1) Indicator
- (3) LOP

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