



DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

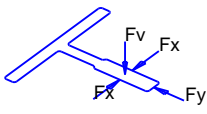
MAIN FEATURES	
Nominal load:	630 kg 8 Passengers
Speed:	1 m/s
Travel:	3 m
N. of stops:	2
Nº of acceses:	2
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES+NEUTRAL
Frequency:	50 Hz
Machine power:	4,5 kW
Heat rejected:	0,4 kW
Power grid supply:	5,3 kW
Nom. Current grid:	9 A
Max. Current grid:	10,44 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	550 kg
Number of ropes:	5
%Counterweighed:	45 %

LOADS IN DaN	
P1: 3335 daN	P8: - daN
P2: 4725 daN	P9: - daN
P3: 455 daN	P10: - daN
P4: 2035 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 ----				
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	CHECKED		UNIT mm	
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	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-127-L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	3110	3500	
Fx max [daN]	316,58	7,33	
Fy max [daN]	129,91	18,7	
Fv max [daN]	1238,82	24,52	
s perm [N/mm ²]	261,11	125,33	
s max [N/mm ²]	205,94	71,2	
d perm [mm]	5	10	
d guide max X [mm]	4,96	4,24	
d guide max Y [mm]	4,83	5	
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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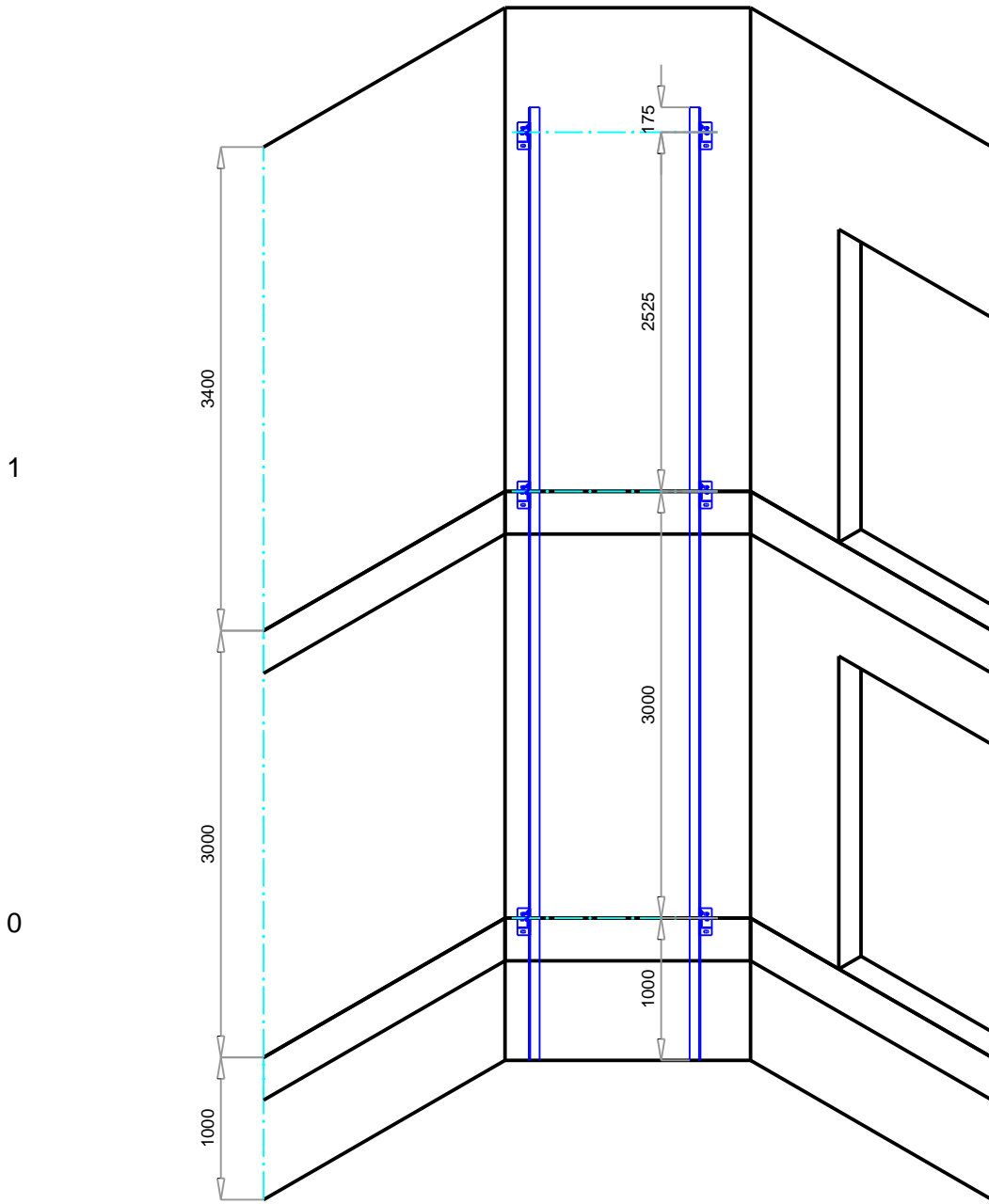
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TRAVEL HEIGHT = 3000 mm
 NUMBER OF BRACKETS = 3
 DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
 MAX DISTANCE BETWEEN BRACKETS = 3110 mm

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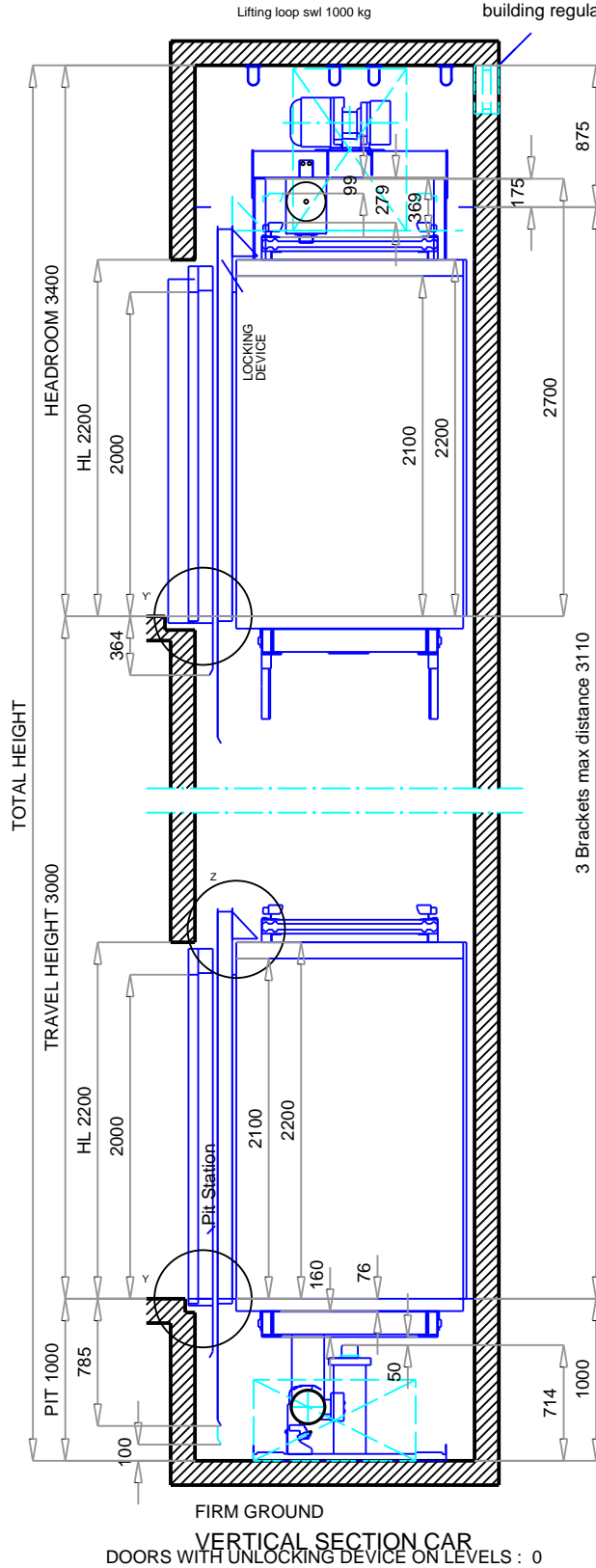
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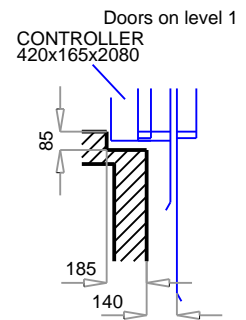
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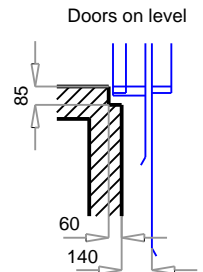
According to EN-81-20
Point E.3.2, and local
building regulation



Y' DETAIL



Y DETAIL



VERTICAL SECTION CAR
DOORS WITH UNLOCKING DEVICE ON LEVELS : 0

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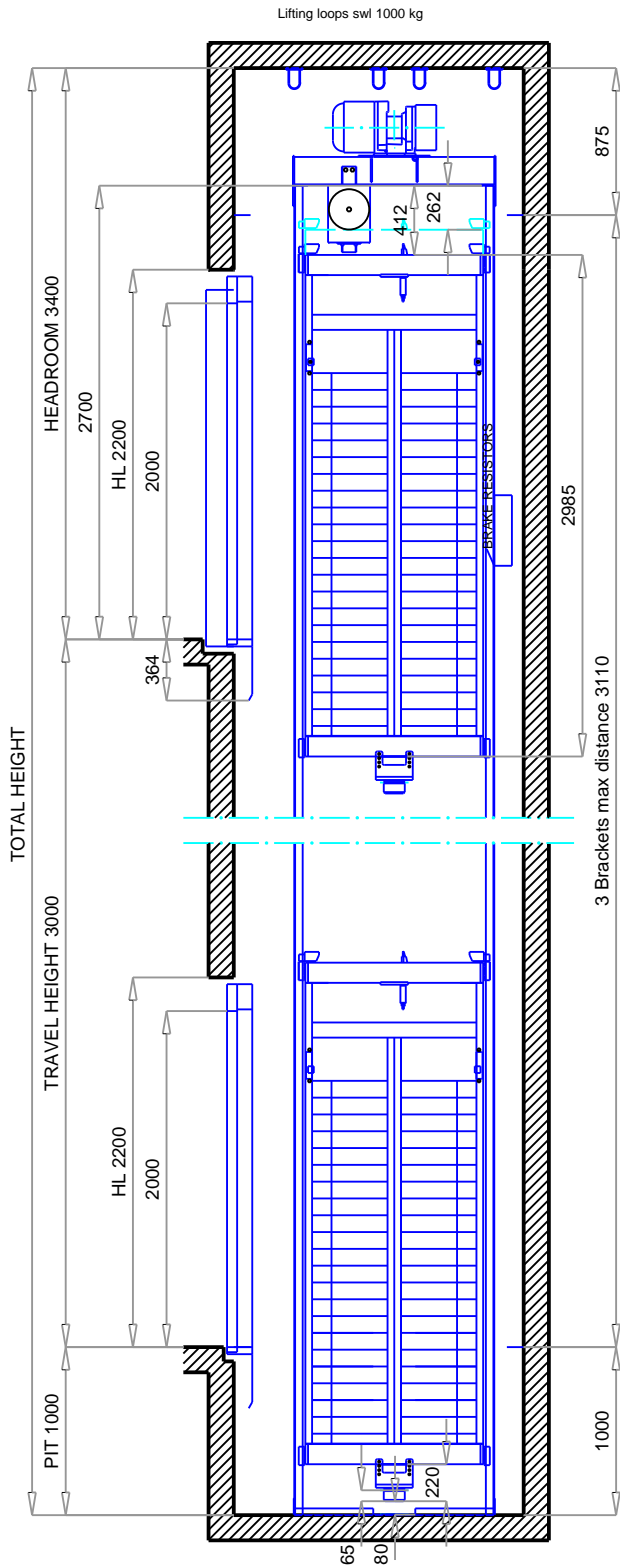
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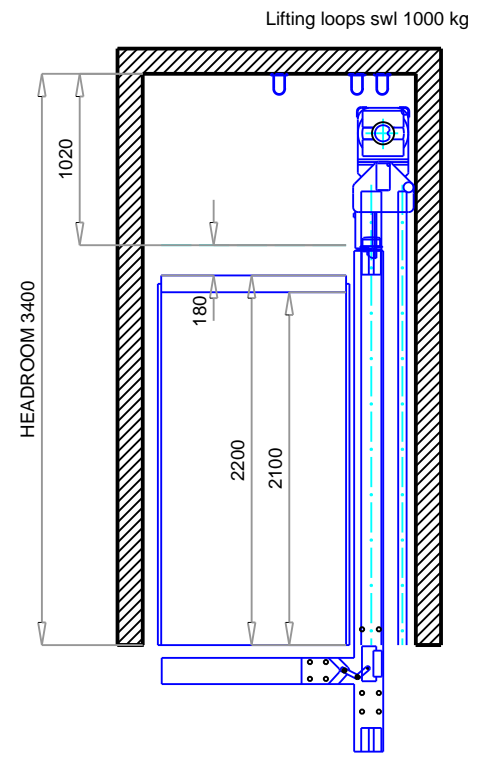
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FIRM GROUND
VERTICAL SECTION COUNTERWEIGHT



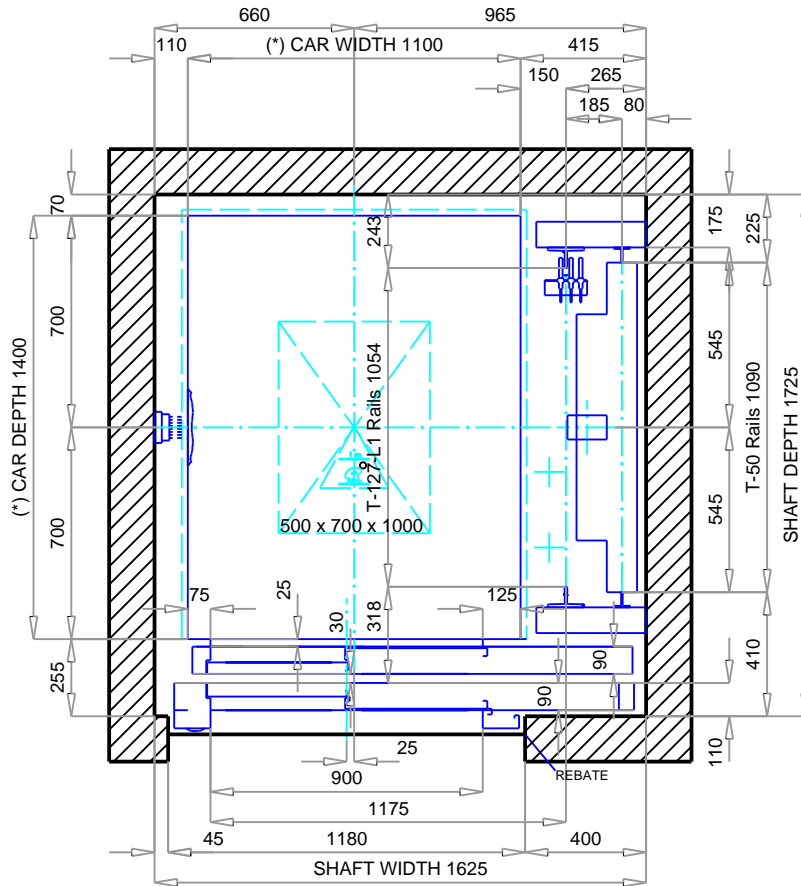
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Doors on level

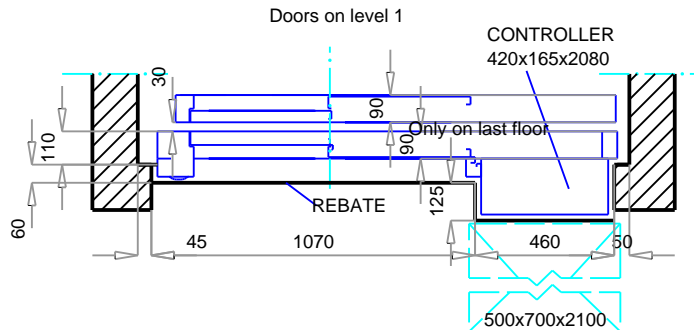
SHAFT PLAN

Scale 1:25

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

Max Shaft With = 1912 mm

Max Shaft Depth = 2058 mm



Doors on level 1

CONTROLLER

420x165x2080

Only on last floor


REBATE

500x700x2100

(*) Car dimensions according to EN81-70

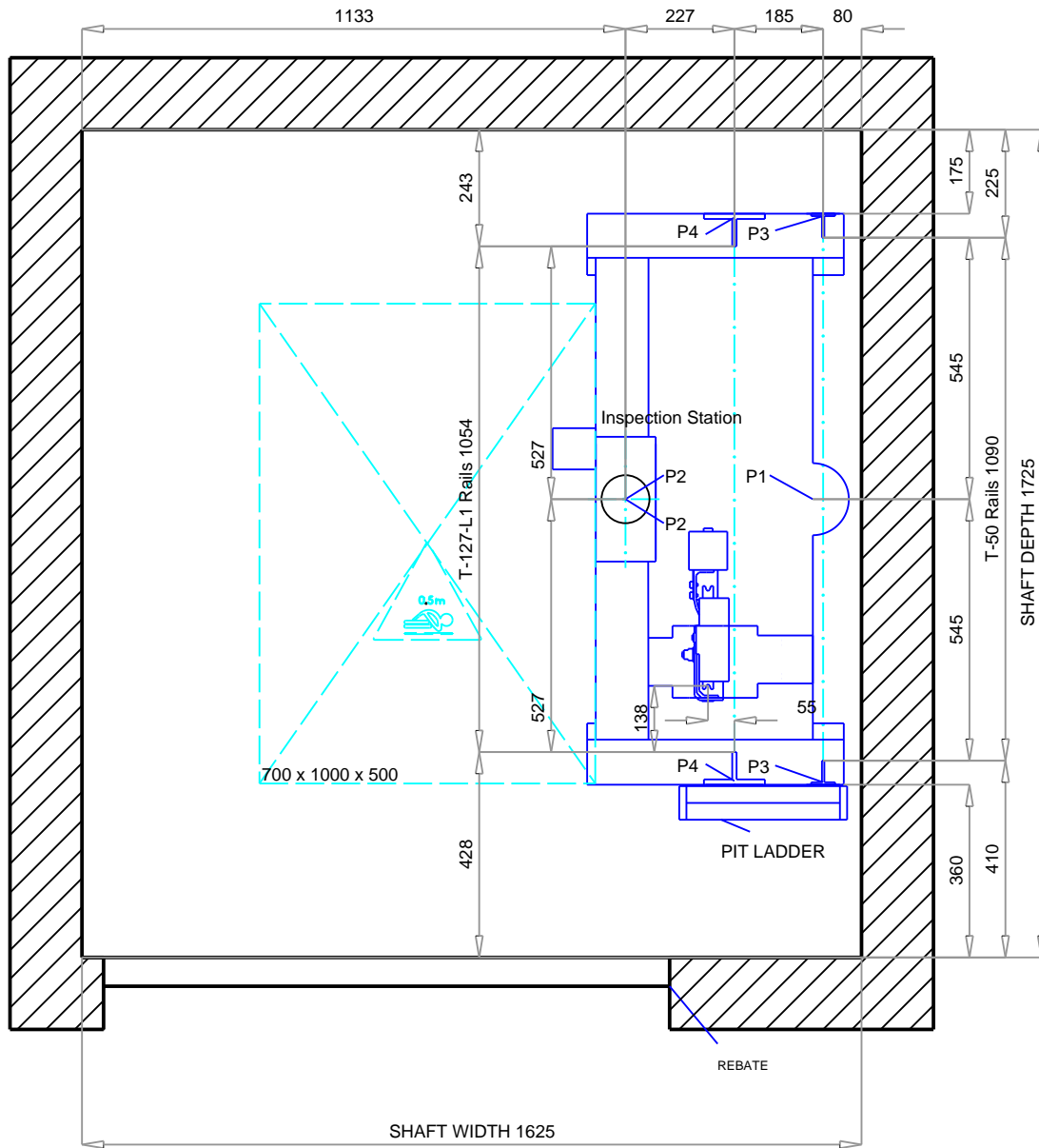
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PLAN ON PIT
Scale 1:15

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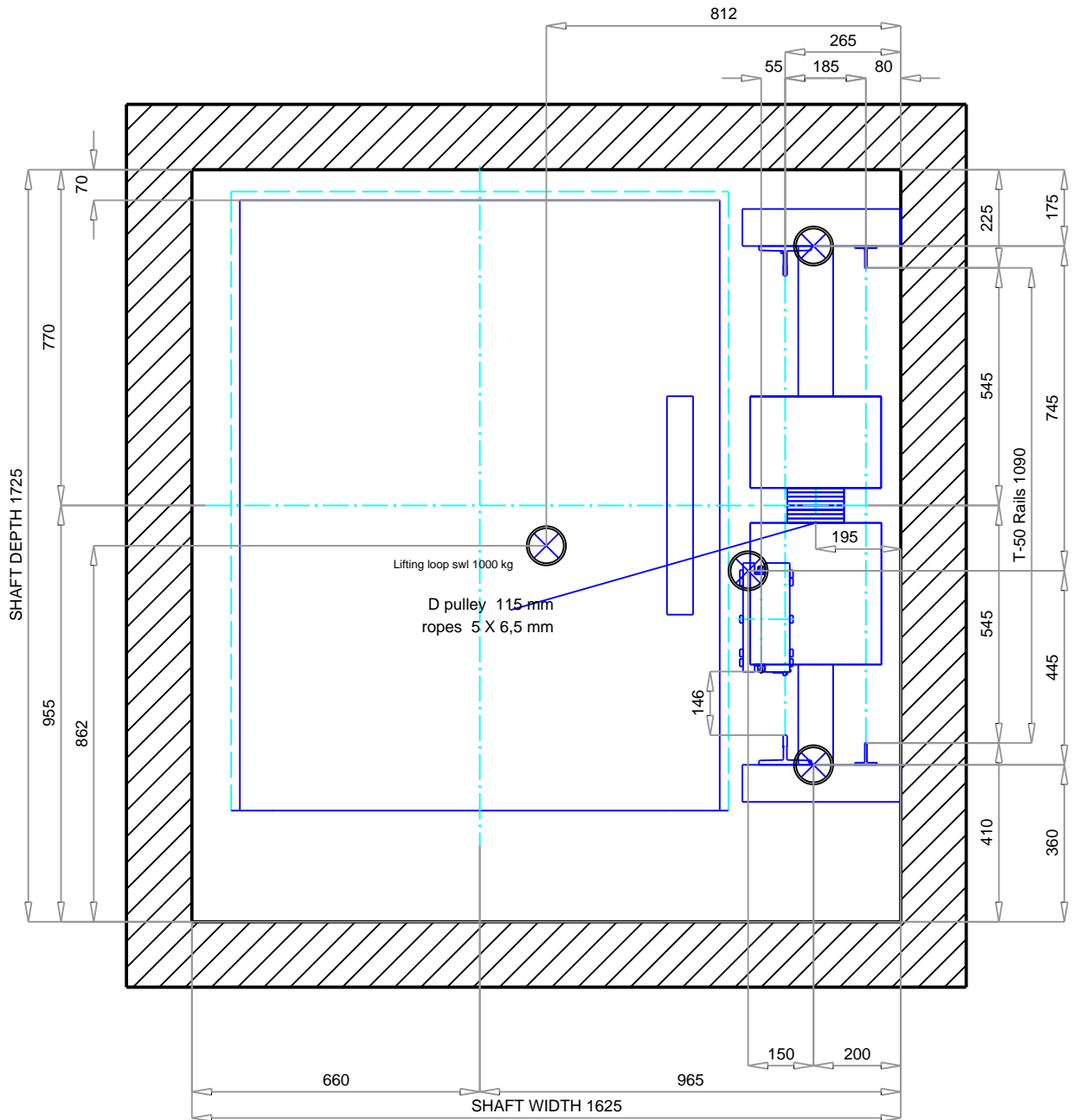
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1 LOOP SUPPLIED & TESTED BY ORONA, REMAINING LOOPS BY OTHERS

MACHINE VIEW

Scale 1:15

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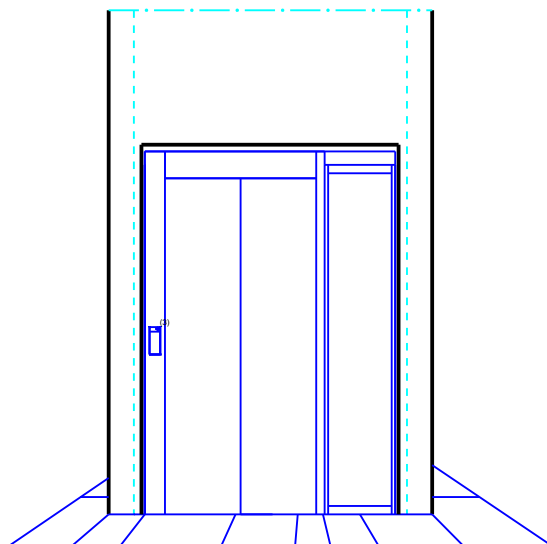
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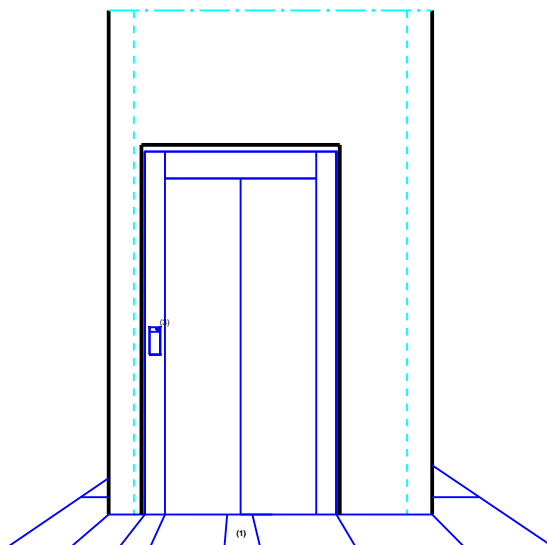
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Doors on level 1



Doors on level 0

- (1) Indicator
- (3) LOP

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