

DRAFT DRAWING (NOT DEFINITIVE)

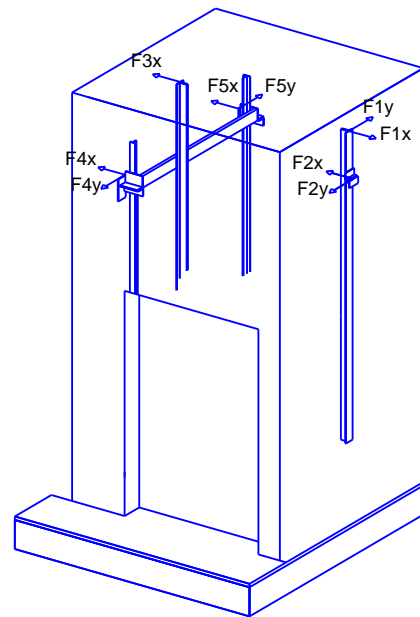
(EN 81-20/50)

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:	4.6 kW
Heat rejected:	0.5 kW
Power grid supply:	5.5 kW
Nom. Current grid:	9.77 A
Max. Current grid:	10.38 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	712 kg
Number of ropes:	4
%Counterweighed:	50 %

LOADS IN DaN

P1: 4150 daN	P8: daN
P2: 2700 daN	P9: daN
P3: 1550 daN	P10: daN
P4: 2000 daN	P11: 1550 daN
P5: daN	P12: 100 daN
P6: daN	P13: daN
P7: daN	P14: daN
F1x: 10 daN	F4x: 25 daN
F1y: 275 daN	F4y: 140 daN
F2x: 20 daN	F5x: 25 daN
F2y: 275 daN	F5y: 170 daN
F3x: 300 daN	



RANGING MEASURES MRL

A: 894 mm	F: 806 mm
B: 476 mm	G: mm
C: 806 mm	H: mm
D: 894 mm	I: mm
E: 416 mm	

CUSTOMER Allevat electric

ADDRESS DSS

CITY Detva



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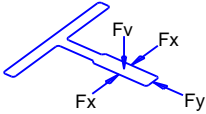
UNIT mm

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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-125 L1/A	T-65/A	
Clip type	SL3	SL2	
Max distance between brackets [mm]	3500	3300	
Fx max [daN]	135.83	3.65	
Fy max [daN]	59.16	23.58	
Fv max [daN]	1463.25	62.12	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	209.68	41.51	
d perm [mm]	5	10	
d guide max X [mm]	3.82	0.85	
d guide max Y [mm]	3.18	2.99	
d str max [mm]	0	0	

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

LANDING DOORS

LANDING DOOR FIRE REGULATION	LANDING DOOR MATERIAL	ENTRANCE 1
EW60	St.St. Base	0,1,2,3

HOOKS

POSITION	LOAD	QUANTITY
L1	1500 kg	3

REMARKS

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

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ENTRANCE 1

COUNTERWEIGHT

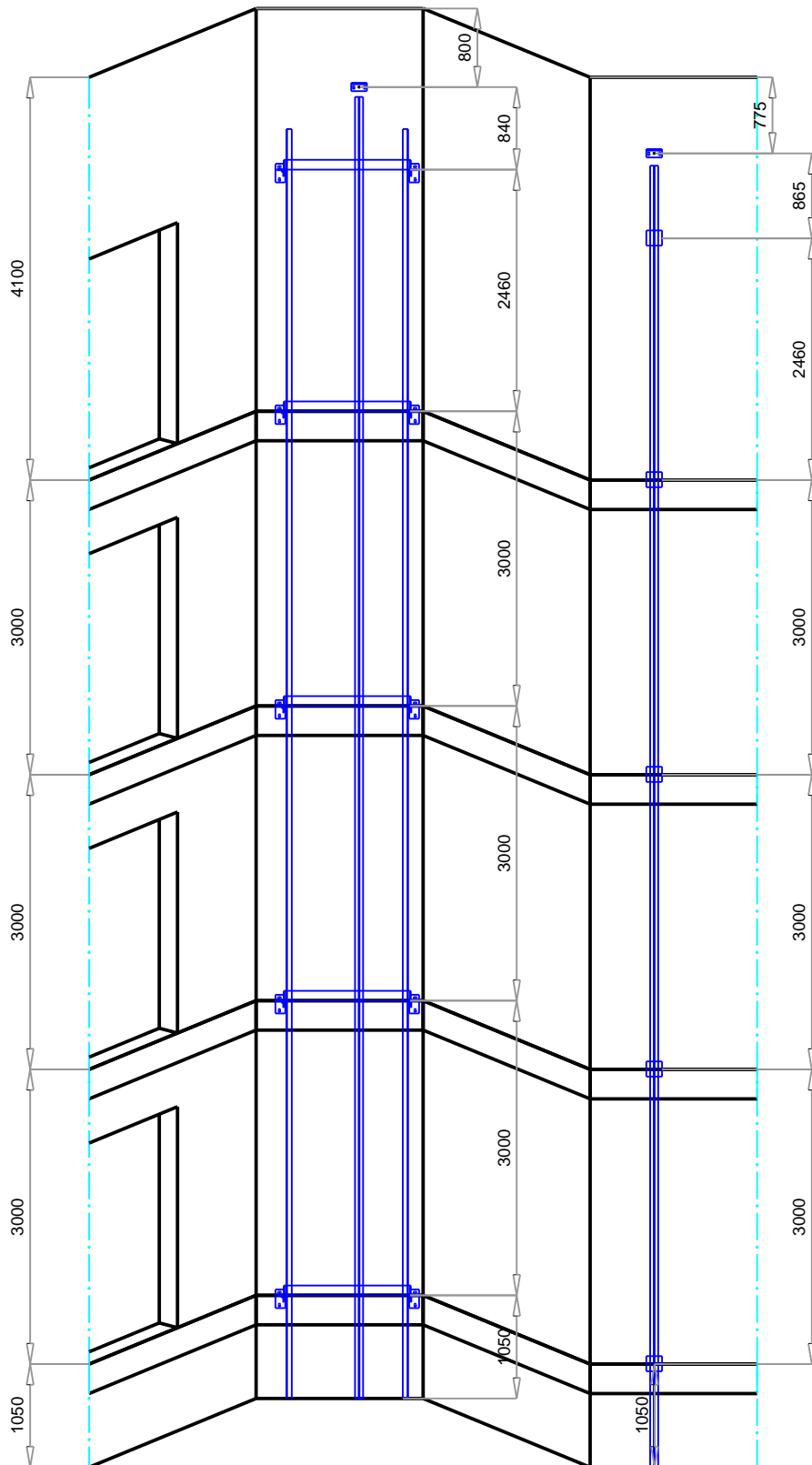
RAILS

3

2

1

0



TRAVEL HEIGHT = 9000 mm
NUMBER OF BRACKETS = 5
MAX DISTANCE BETWEEN BRACKETS = 3300 mm

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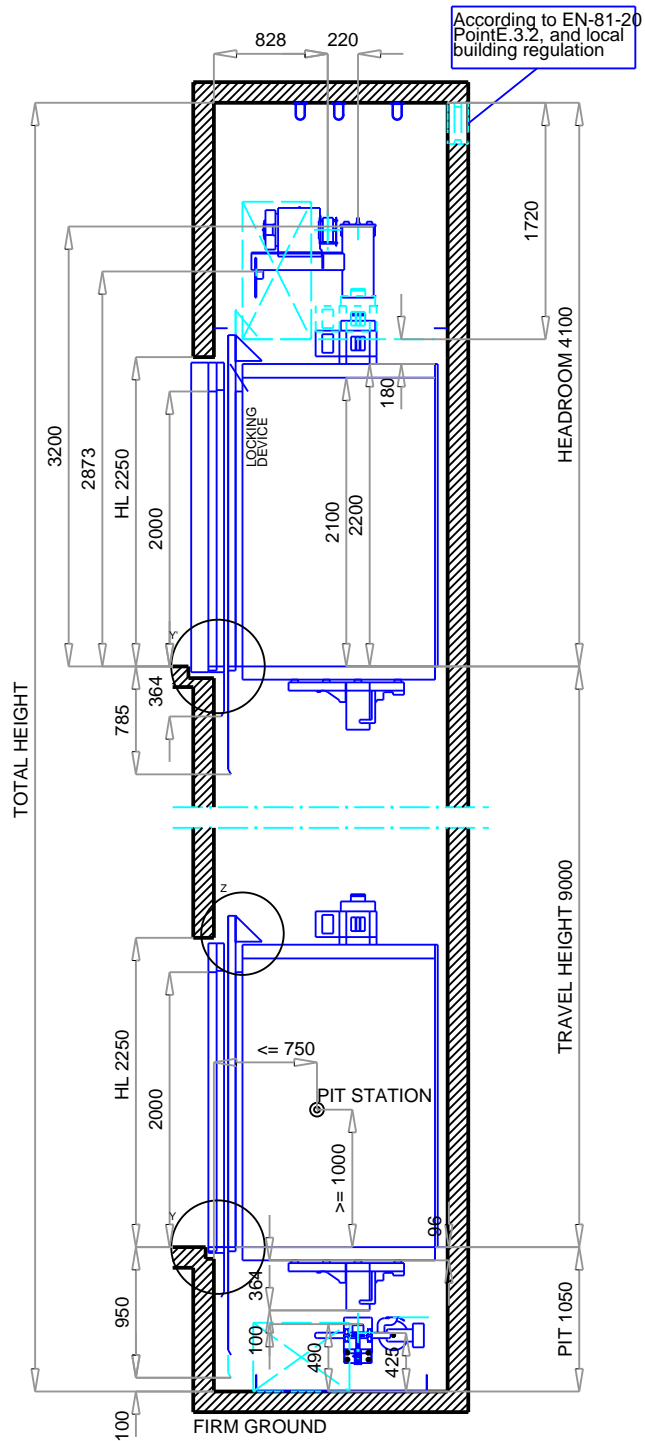
UNIT mm

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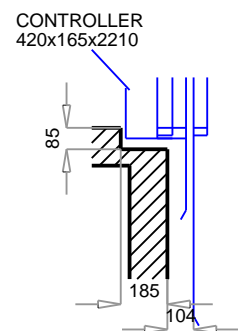
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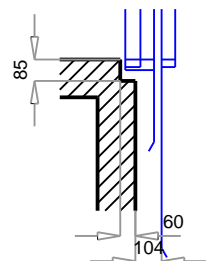
VERTICAL SECTION CAR

DOORS WITH UNLOCKING DEVICE ON LEVELS : 0

Y' DETAIL
Doors on level 3



Y DETAIL
Doors on level



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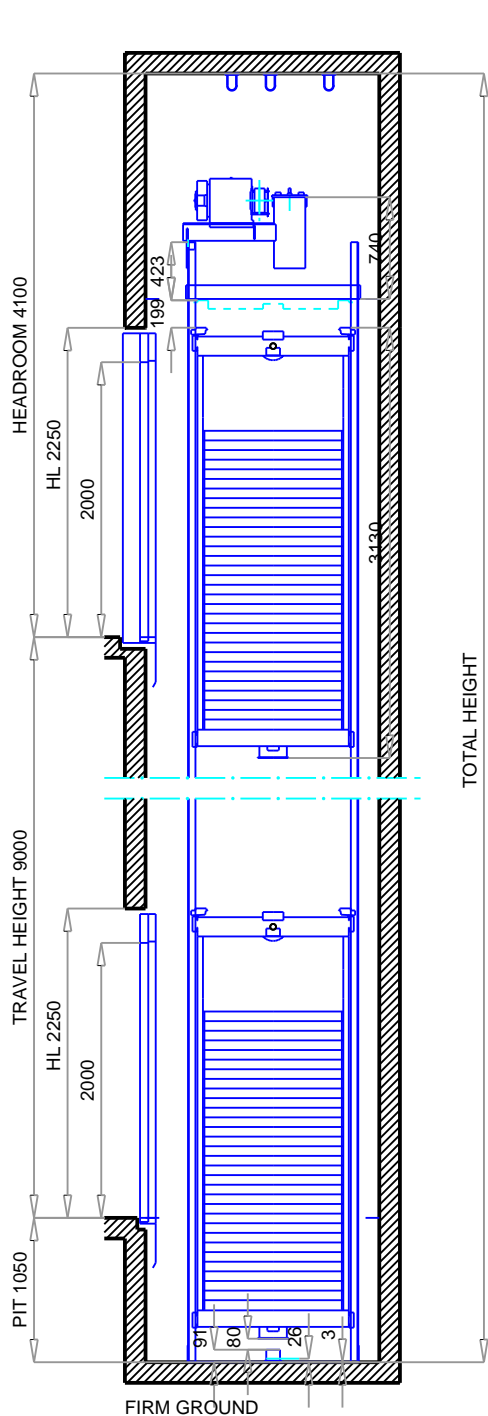
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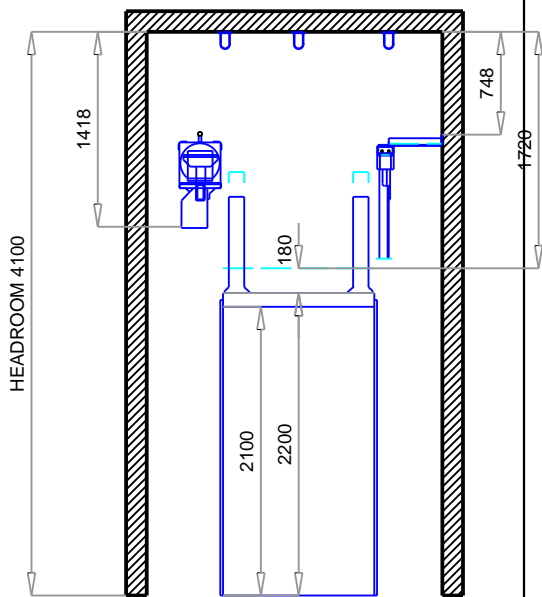
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VERTICAL SECTION COUNTERWEIGHT



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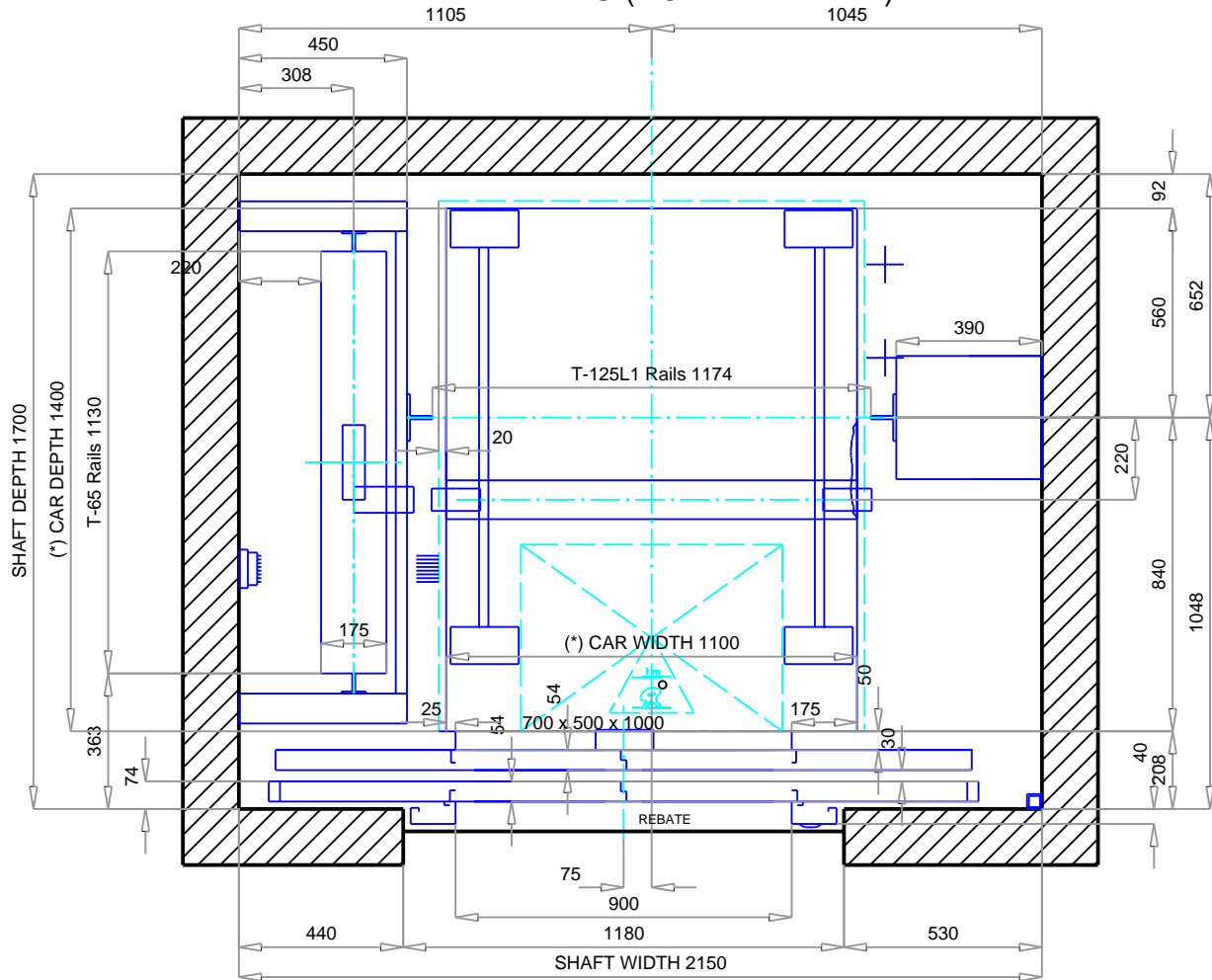
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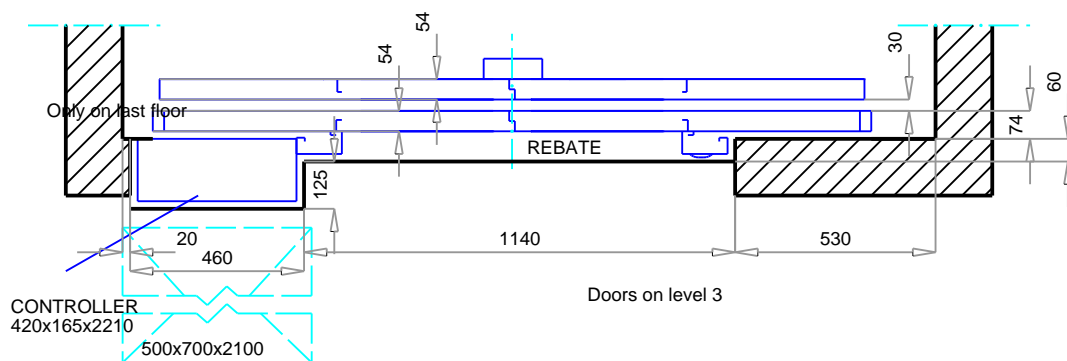


Doors on level

SHAFT PLAN

Scale 1:20

Headroom requirement for a solution compliant with EN81-20/50 with:
Max Shaft With = 2022 mm
Max Shaft Depth = 2012 mm



(*) Car dimensions according to EN81-70

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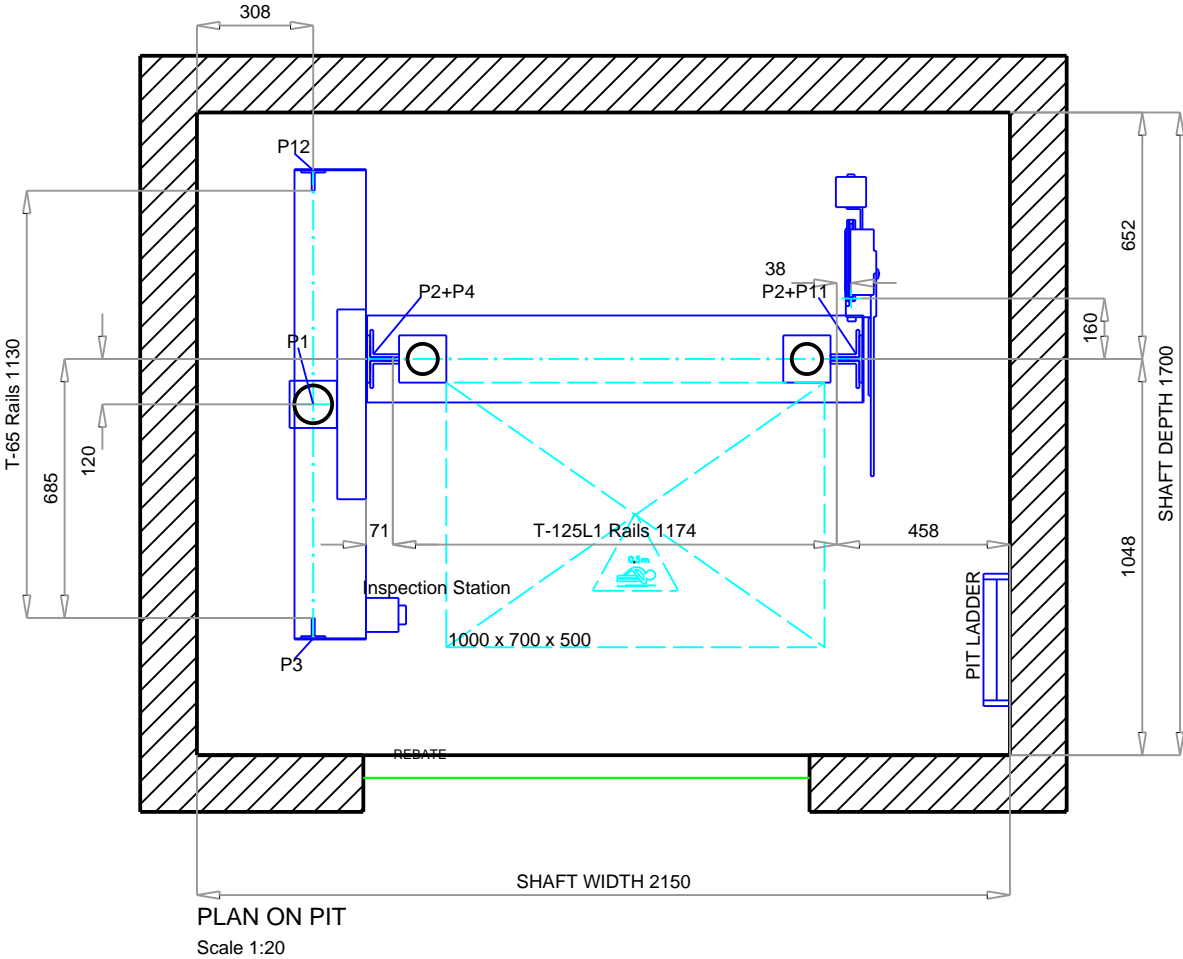
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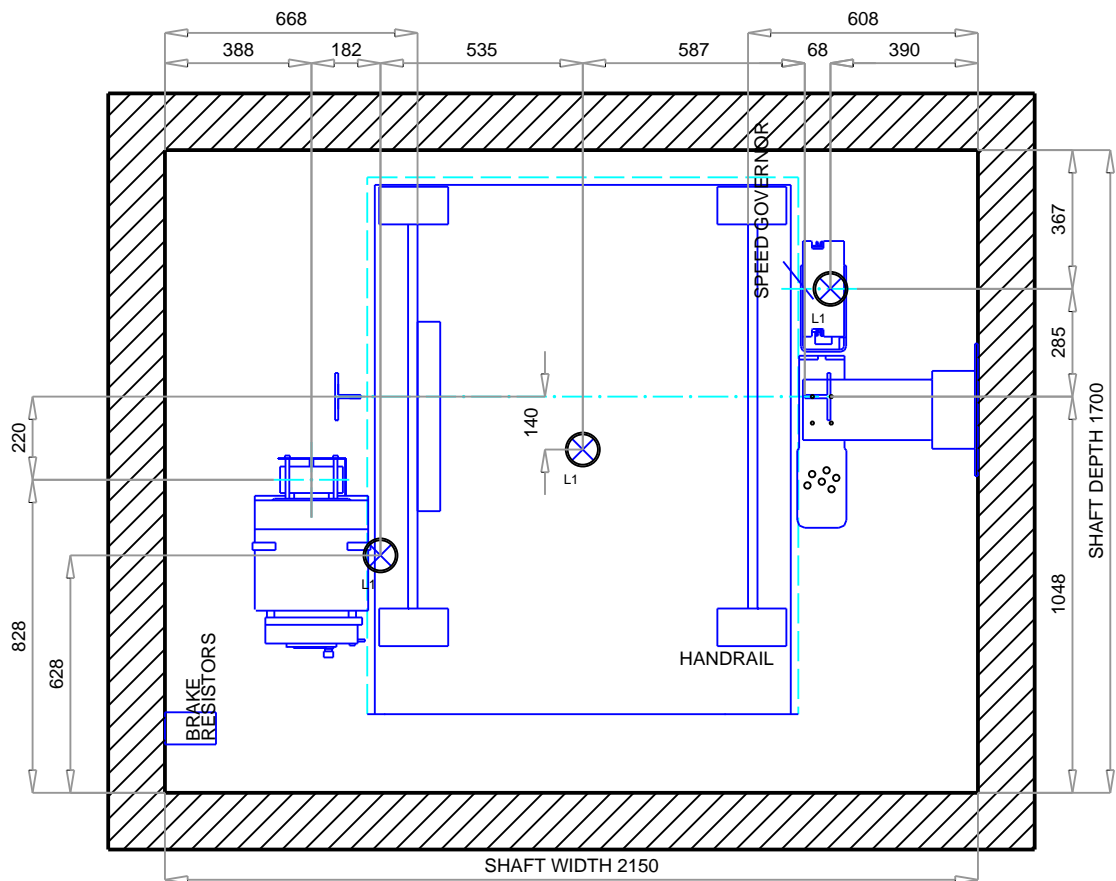
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MACHINE VIEW
Scale 1:20

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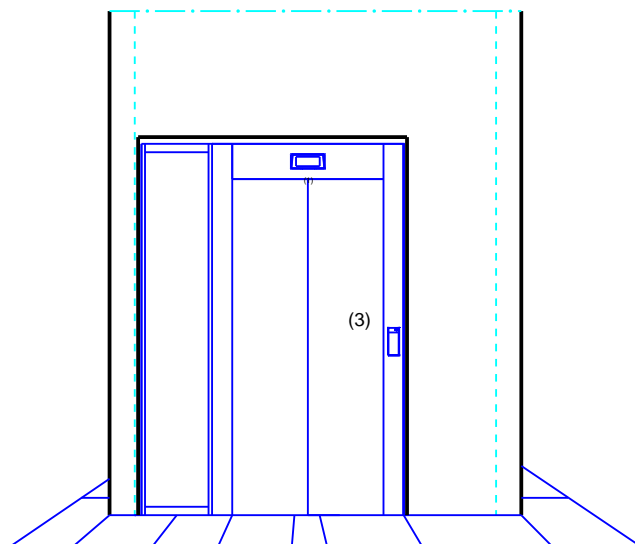
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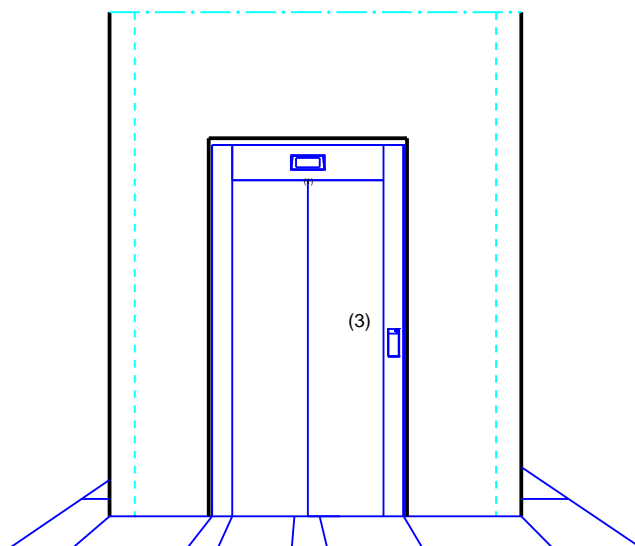
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Doors on level 3



Doors on level 0, 1, 2

(1) Indicator

(3) LOP

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