

DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

MAIN FEATURES

Nominal load:	450 kg 6 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:	3.4 kW
Heat rejected:	0.3 kW
Power grid supply:	4 kW
Nom. Current grid:	7.85 A
Max. Current grid:	8.54 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	623 kg
Number of ropes:	6
%Counterweighed:	45 %

LOADS IN DaN

P1: 3350 daN	P8: daN
P2: 2150 daN	P9: daN
P3: 50 daN	P10: daN
P4: 1335 daN	P11: daN
P5: 365 daN	P12: daN
P6: daN	P13: daN
P7: daN	P14: daN

RANGING MEASURES MRL

A: 330 mm	F: 1265 mm
B: 160 mm	G: mm
C: 1265 mm	H: mm
D: 120 mm	I: mm
E: 160 mm	

CUSTOMER Paradis
ADDRESS Flex renovacinis
CITY Architektams



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EXPV00004

SCALE

DRAWING N°

CHECKED

UNIT mm

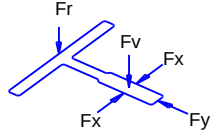
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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-125 L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	3030	3500	
Fx max [daN]	273.83	2.37	
Fy max [daN]	107.68	10.15	
Fv max [daN]**	1196.86	47.66	
Fr max [daN]	0	0	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	206.65	29.55	
d perm [mm]	5	10	
d guide max X [mm]	5	1.37	
d guide max Y [mm]	3.76	2.74	
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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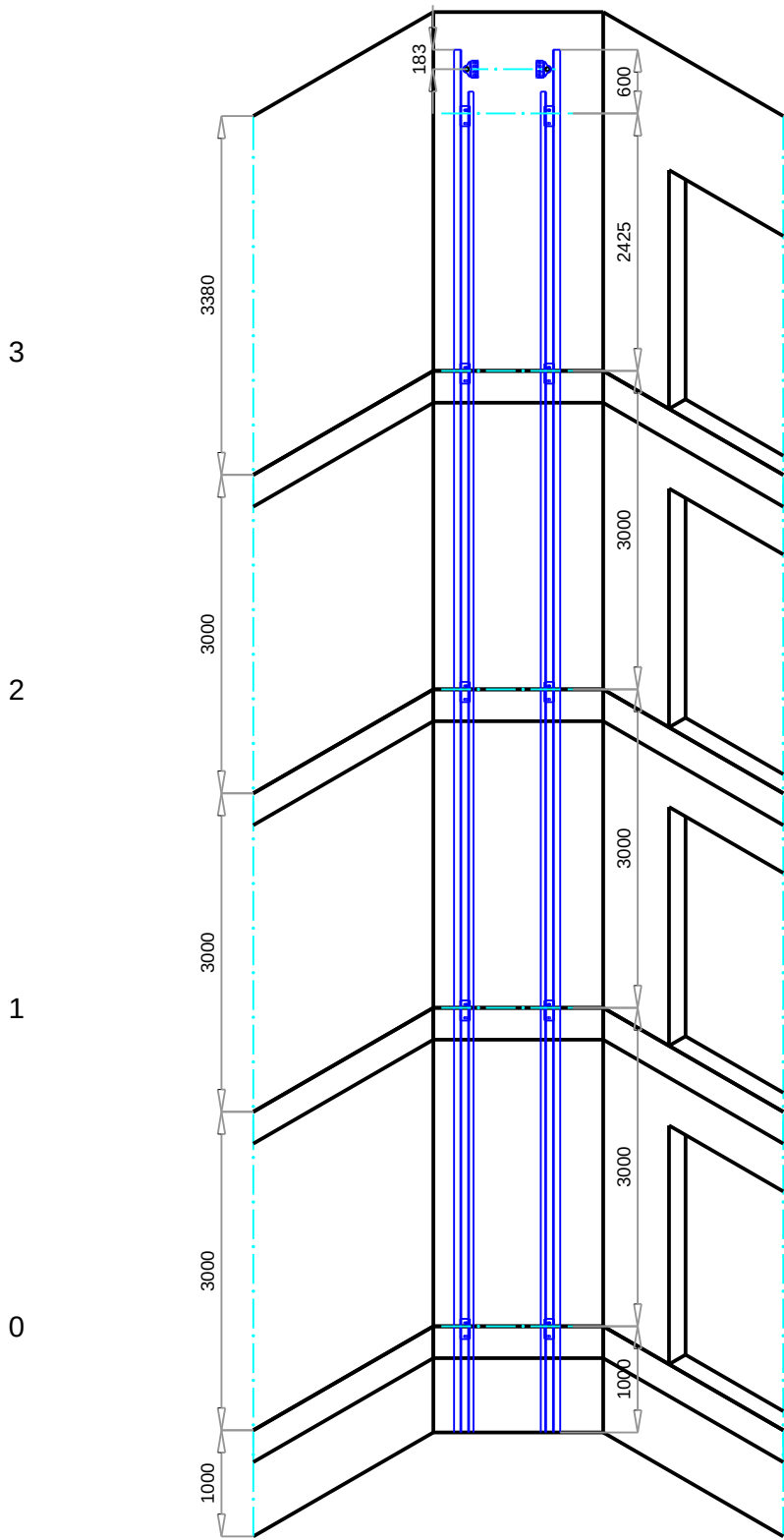
UNIT mm

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TRAVEL HEIGHT = 9000 mm
NUMBER OF BRACKETS = 5
MAX DISTANCE BETWEEN BRACKETS = 3030 mm

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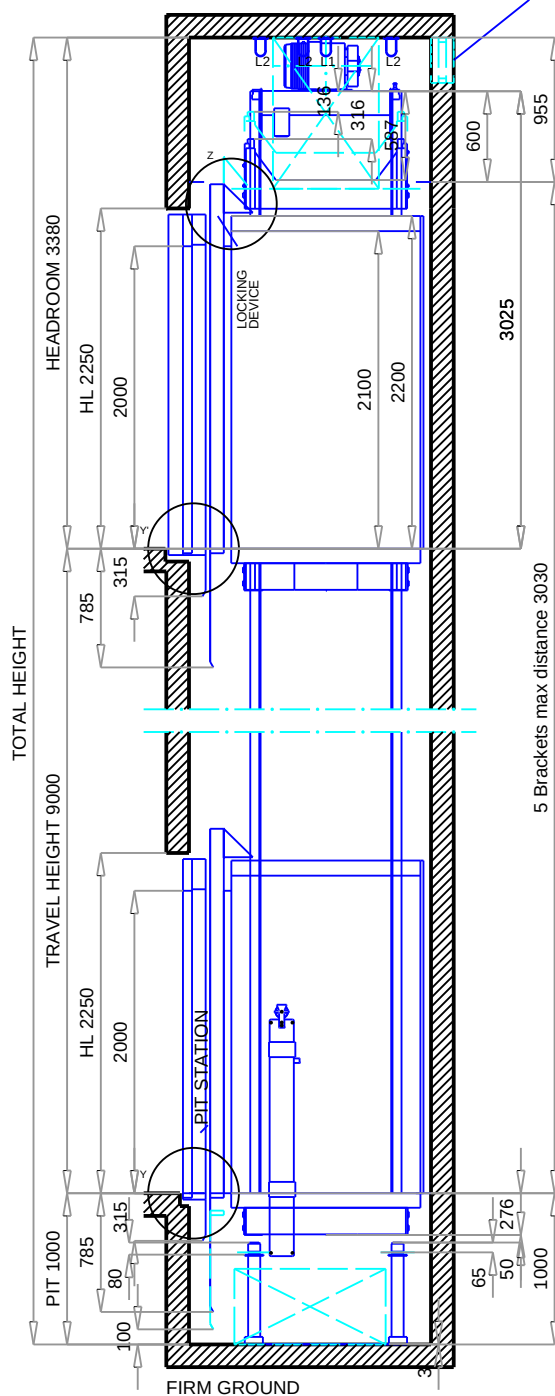


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According to EN-81-20
Point E.3.2, and local
building regulation



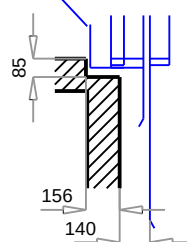
VERTICAL SECTION CAR

DOORS WITH UNLOCKING DEVICE ON LEVELS : 0

Y' DETAIL

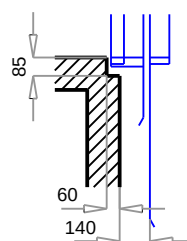
Doors on level 3

CONTROLLER
280x136x2210



Y DETAIL

Doors on level



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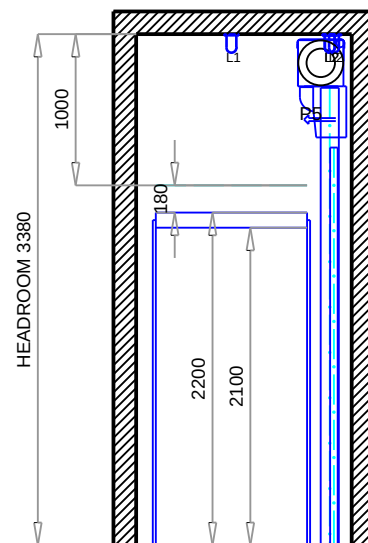
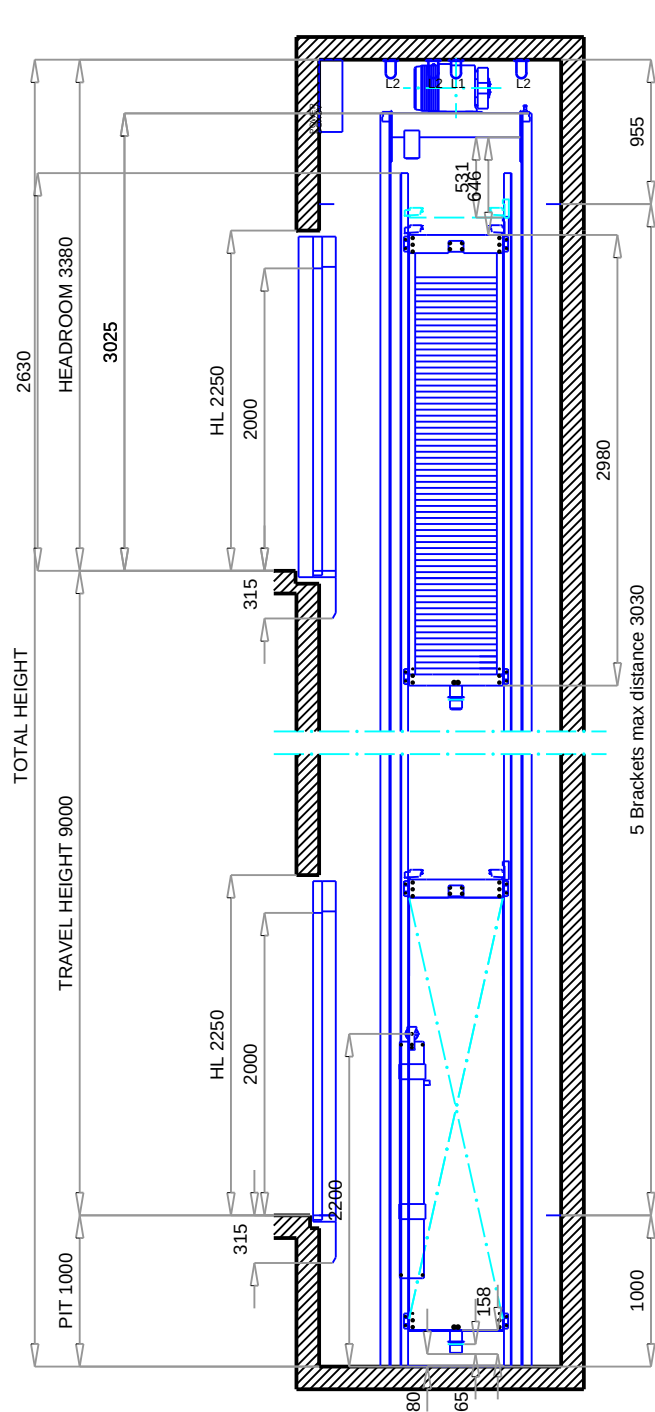
UNIT	mm
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VERTICAL SECTION COUNTERWEIGHT

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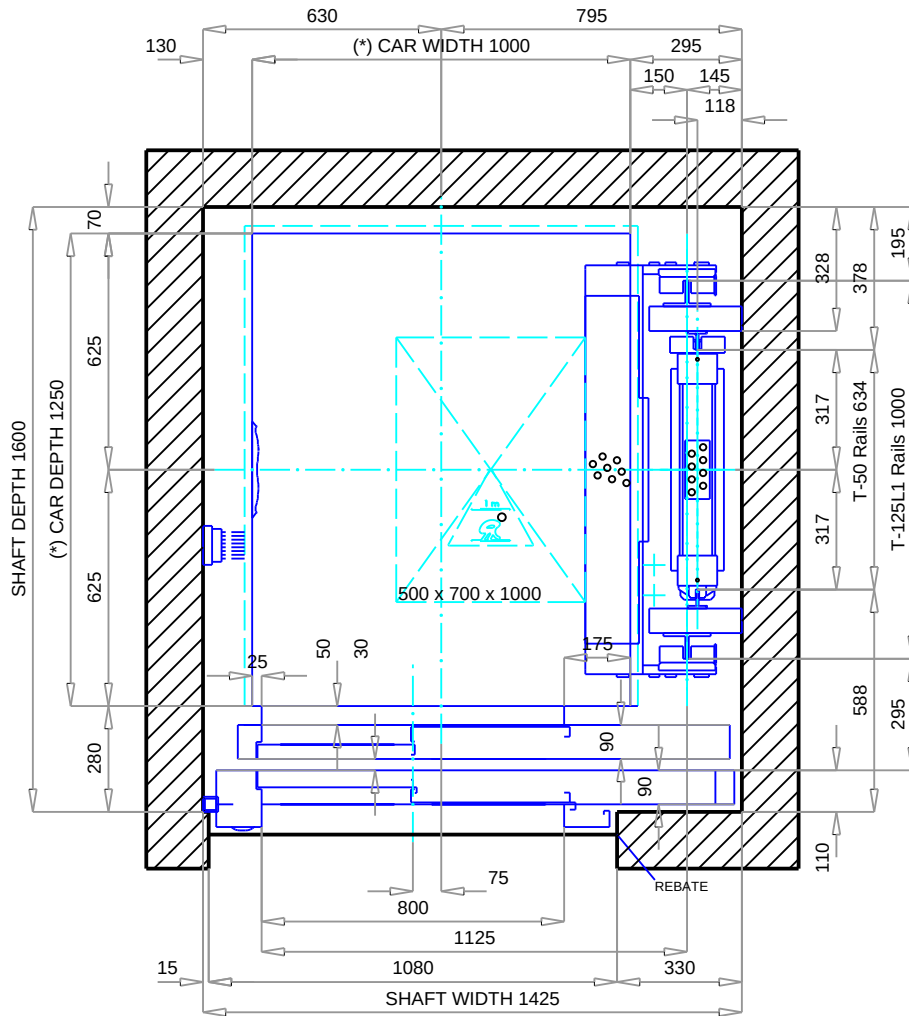
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UNIT mm

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Doors on level

SHAFT PLAN

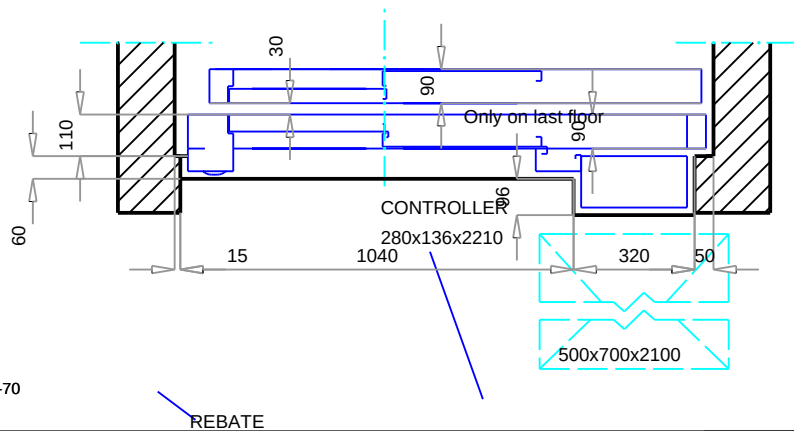
Scale 1:20

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

Max Shaft With = 1747 mm

Max Shaft Depth = 1933 mm

Doors on level 3



(*) Car dimensions according to EN81-70

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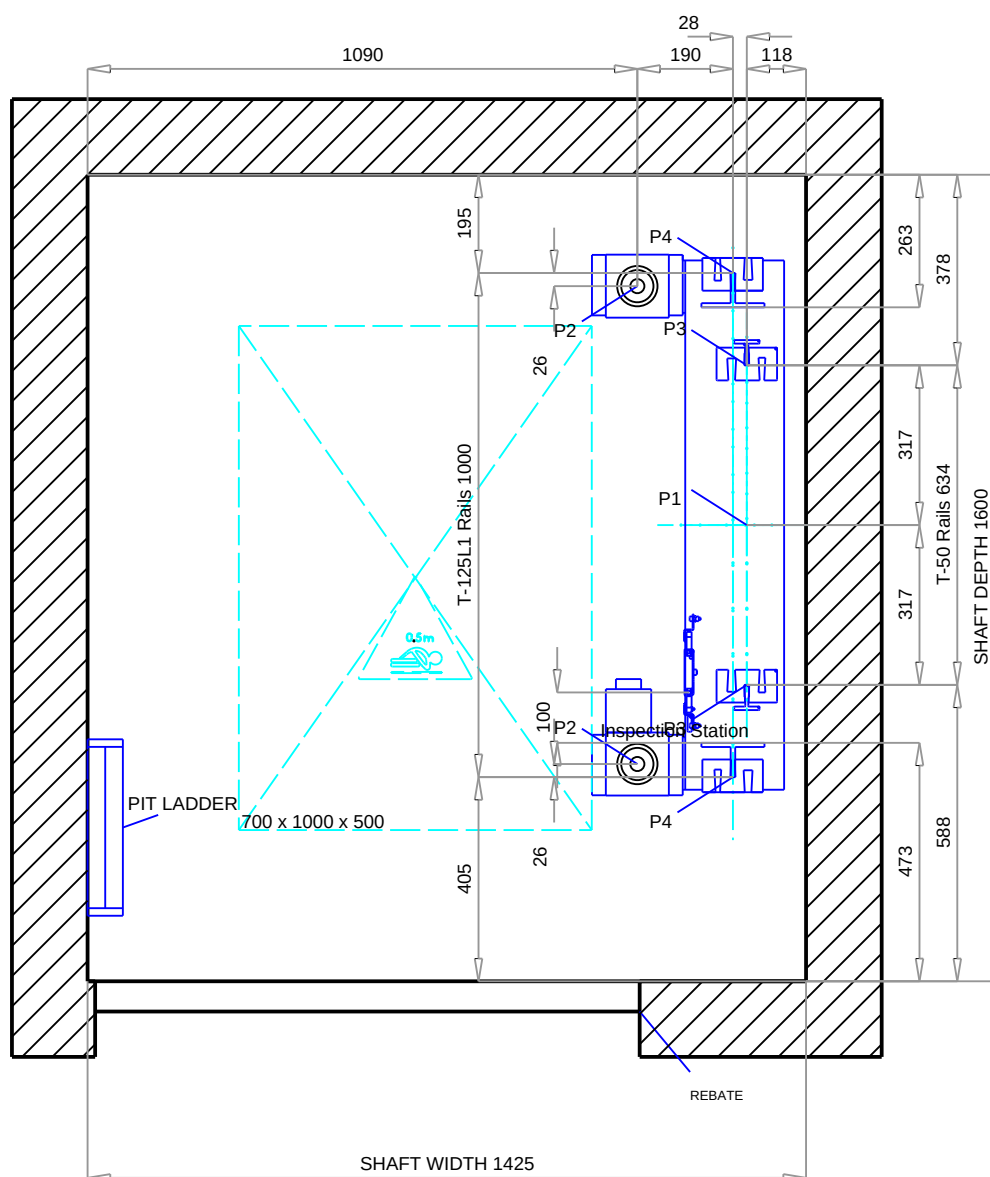
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UNIT mm

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PLAN ON PIT

Scale 1:15

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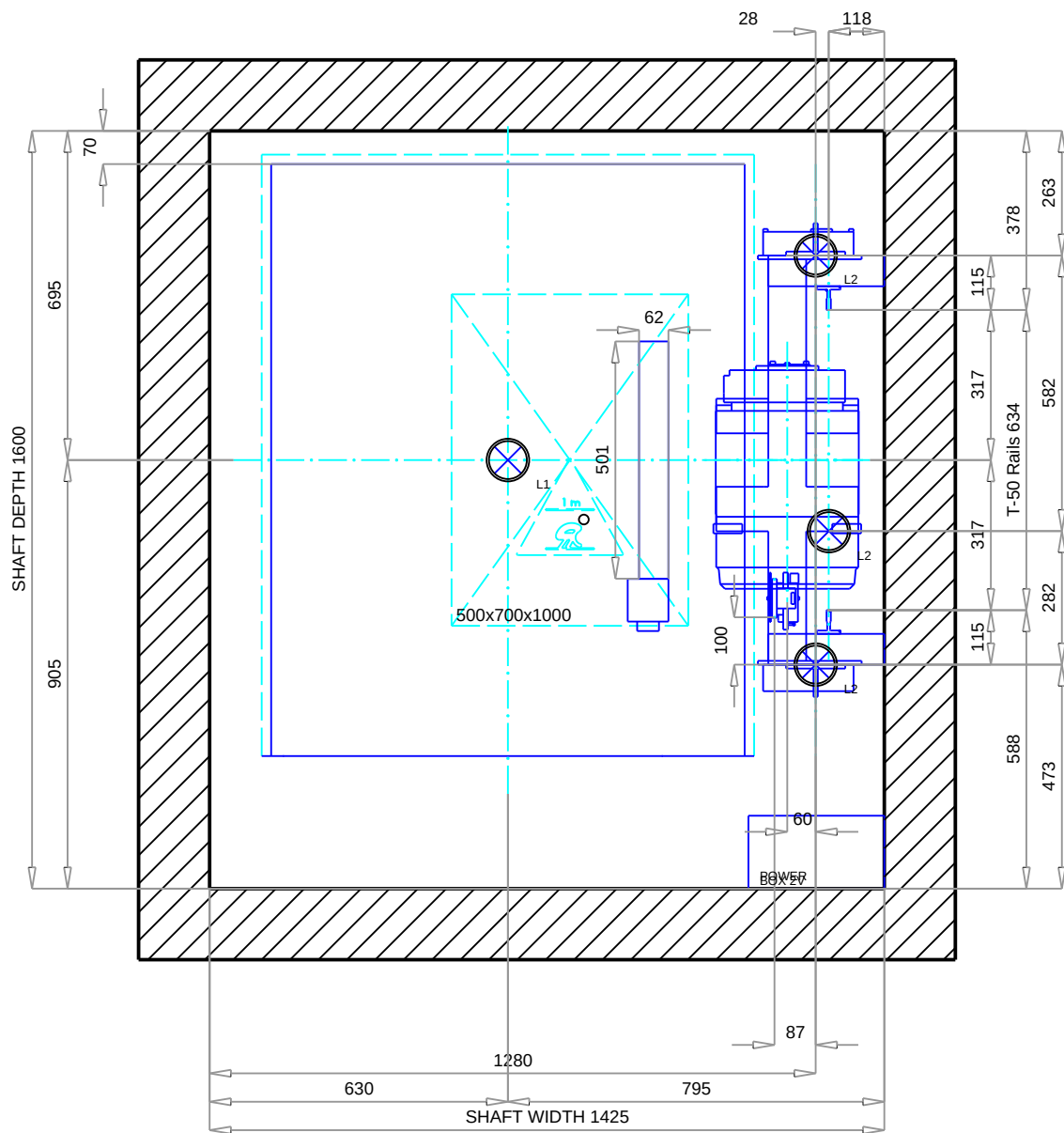
UNIT mm

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MACHINE VIEW
Scale 1:15

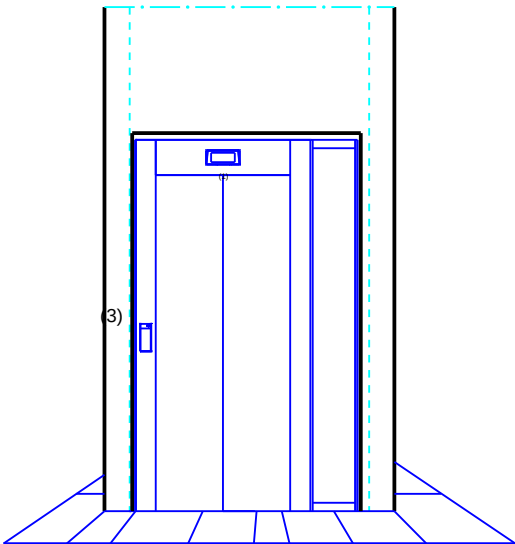
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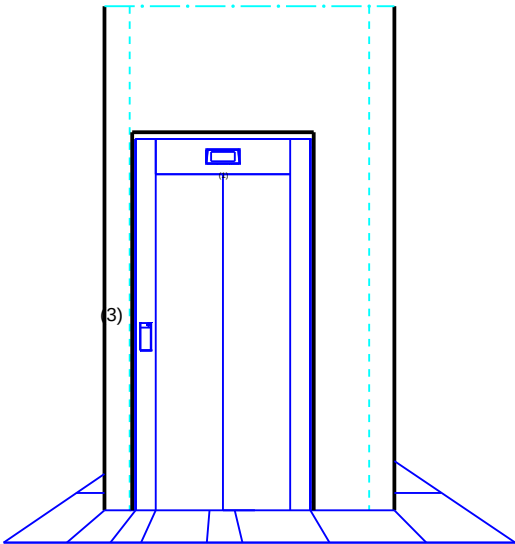
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Doors on level 3



Doors on level 0, 1, 2

- (1) Indicator
- (3) LOP

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