

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:	4.5 kW
Heat rejected:	0.4 kW
Power grid supply:	5.7 kW
Nom. Current grid:	10.51 A
Max. Current grid:	11.25 A
Short circuit rating:	6 KA
Controller type:	COLEC-SELEC SIMPLEX
Deadweight car+frame:	669 kg
Number of ropes:	6
%Counterweighed:	45 %

LOADS IN DaN

P1: 3850 daN	P8: - daN
P2: 5200 daN	P9: - daN
P3: 520 daN	P10: - daN
P4: 2210 daN	P11: daN
P5: - daN	P12: daN
P6: - daN	P13: daN
P7: - daN	P14: daN

RANGING MEASURES MRL

A: 386 mm	F: 1659 mm
B: 111 mm	G: mm
C: 1659 mm	H: mm
D: 111 mm	I: mm
E: 201 mm	

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EXPV00004

SCALE

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UNIT mm

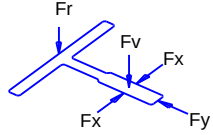
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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-125 L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	2730	3500	
Fx max [daN]	371	8.36	
Fy max [daN]	141.47	21.37	
Fv max [daN]**	1414.98	46.47	
Fr max [daN]	0	0	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	214.76	81.31	
d perm [mm]	5	10	
d guide max X [mm]	4.95	4.84	
d guide max Y [mm]	3.61	5.77	
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	ENTRANCE 2
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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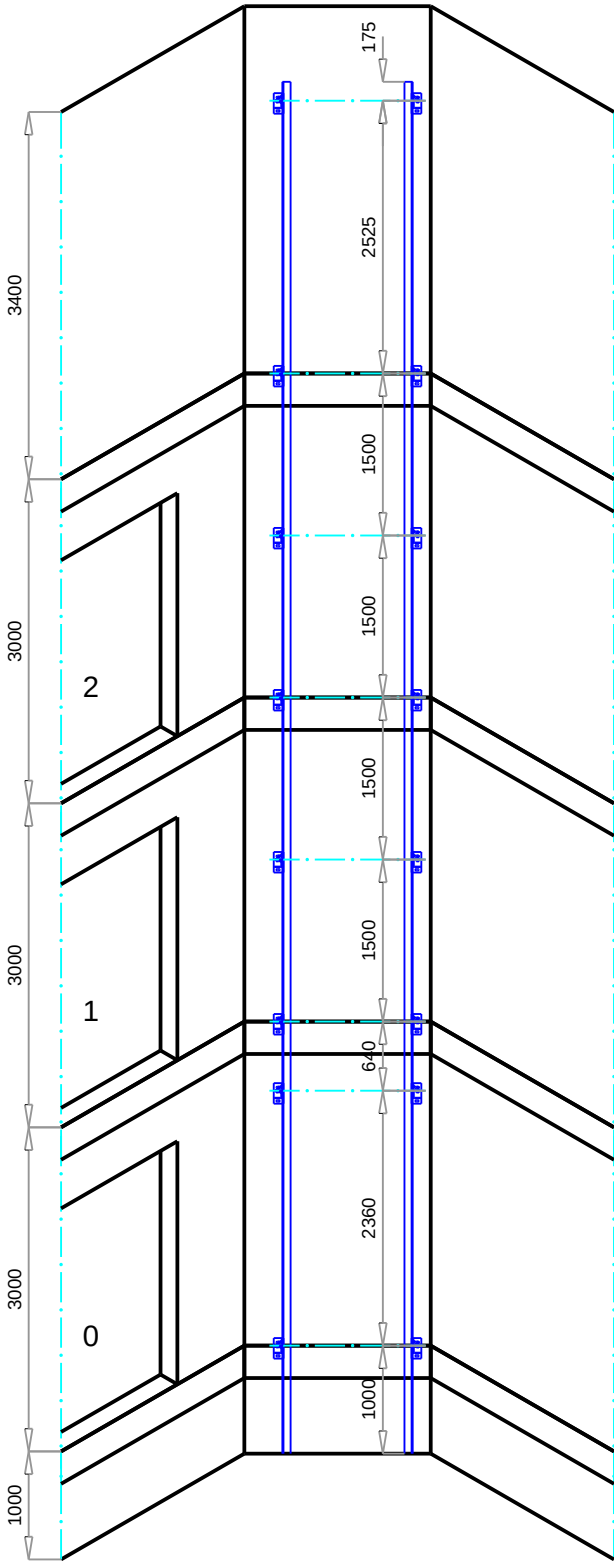
UNIT mm

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3



TRAVEL HEIGHT = 9000 mm
NUMBER OF BRACKETS = 8
DISTANCE BETWEEN 1ST AND 2ND BRACKET ≥ 2360 mm TO PLACE THE PIT LADDER
MAX DISTANCE BETWEEN BRACKETS = 2730 mm

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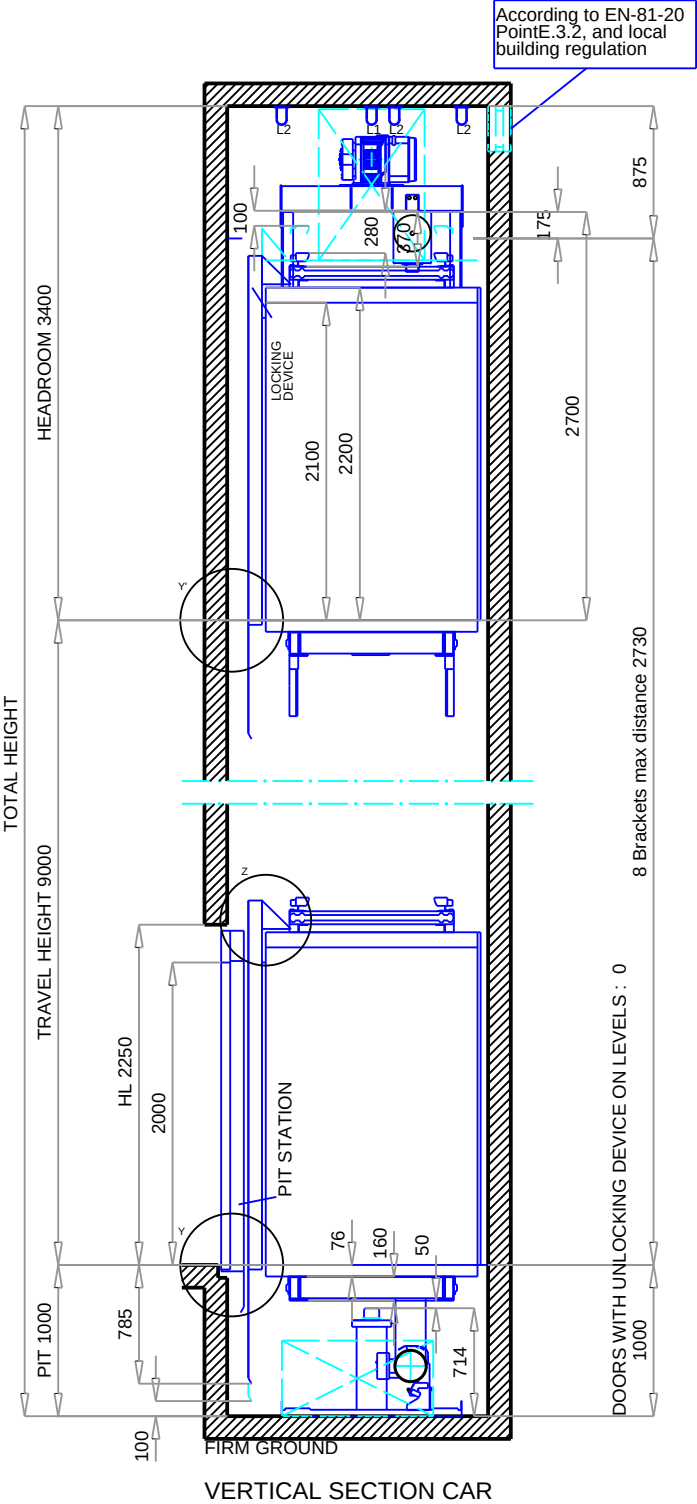
UNIT mm

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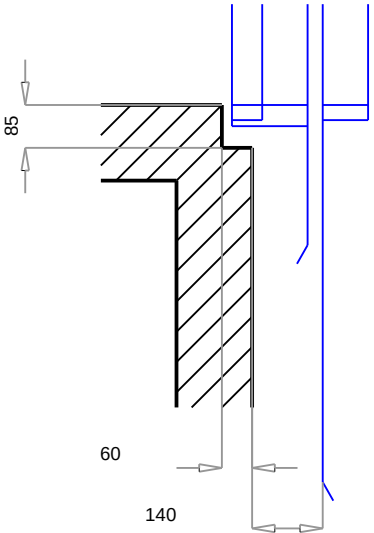
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VERTICAL SECTION CAR

Y DETAIL

Doors on level



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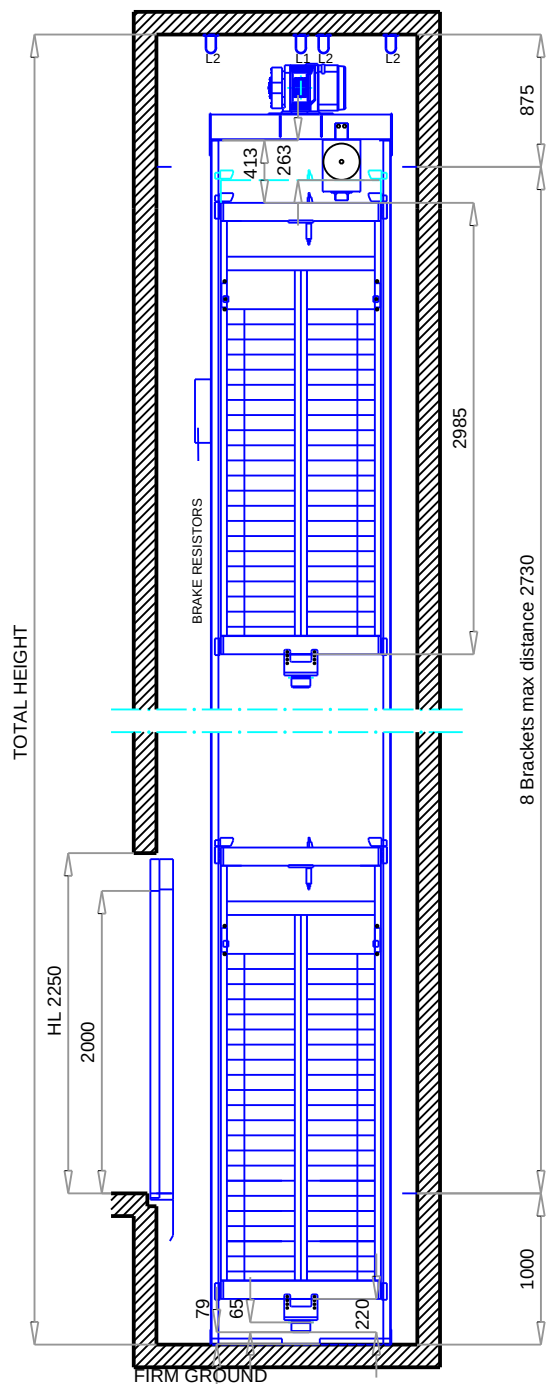
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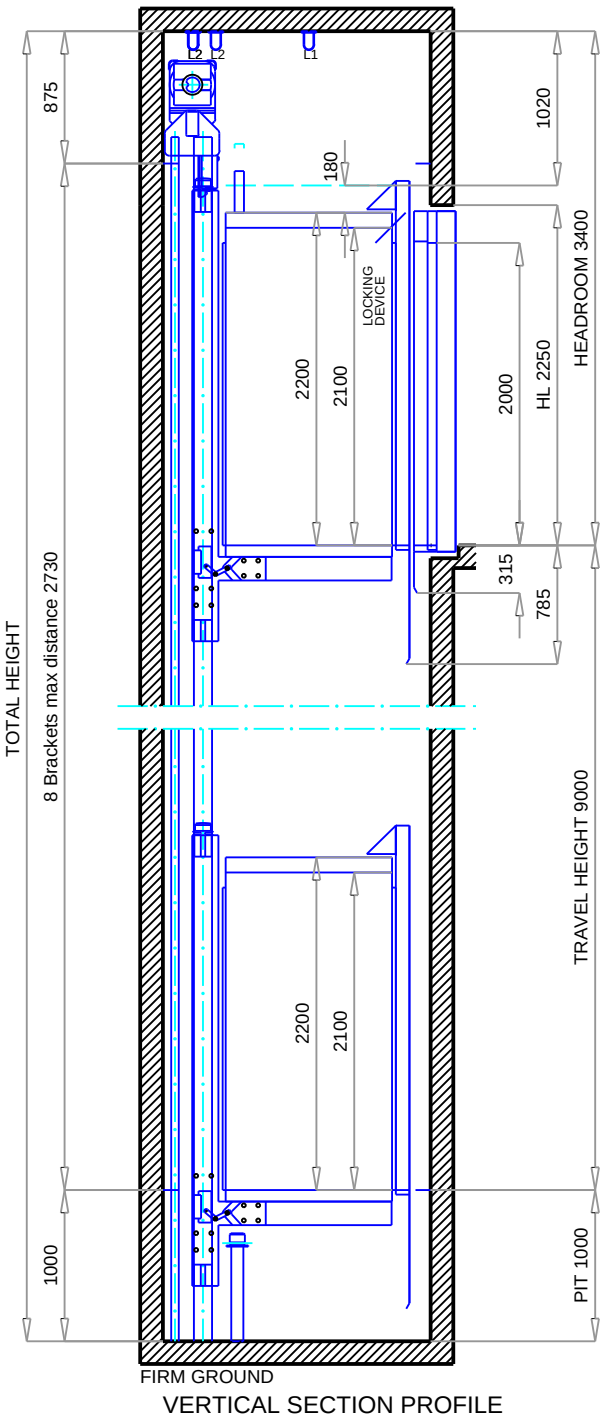
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VERTICAL SECTION COUNTERWEIGHT

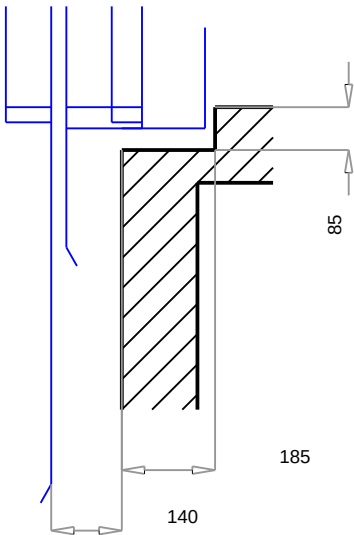
CUSTOMER				Paradis		
ADDRESS				Essentia 90 laipsn.		
CITY				Architektams		
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YY' DETAIL

Doors on level 3



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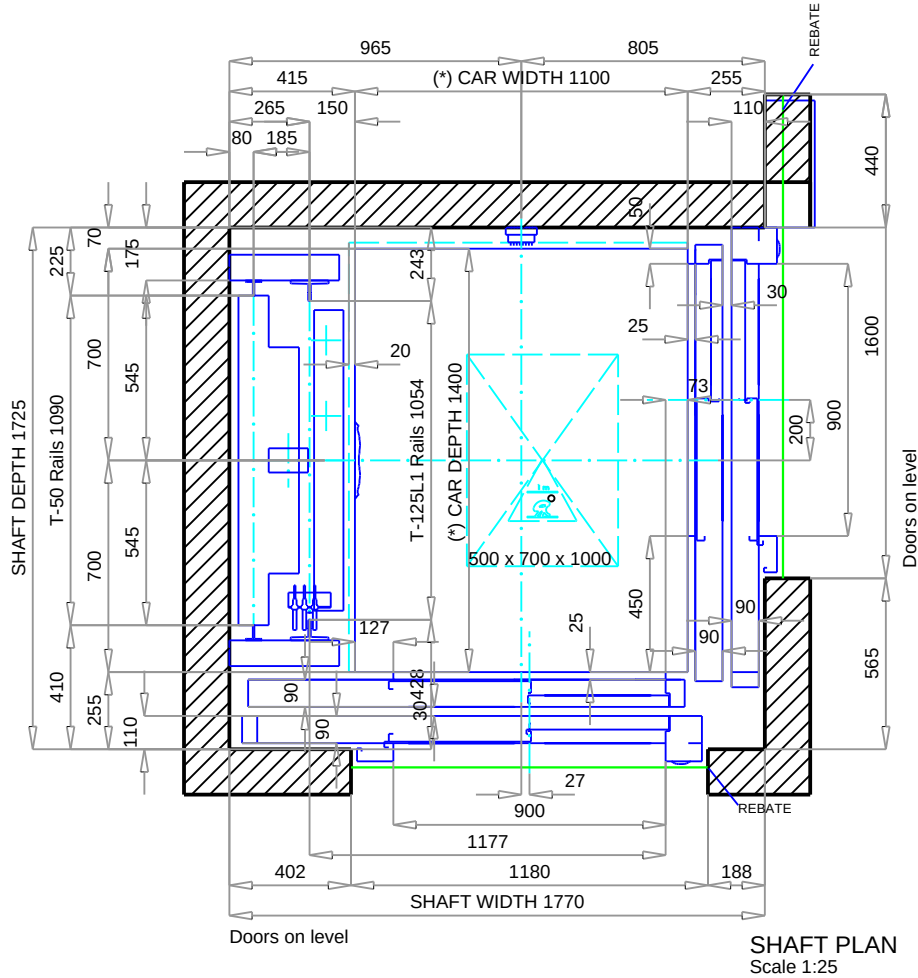
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SCALE
UNIT mm

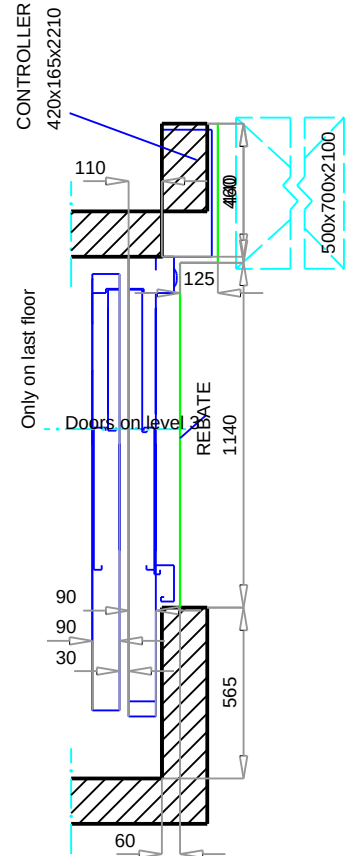
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Headroom requirement for a solution compliant
with EN81-20/50 with:
Max Shaft Width = 1932 mm
Max Shaft Depth = 2058 mm



(*) Car dimensions according to EN81-70

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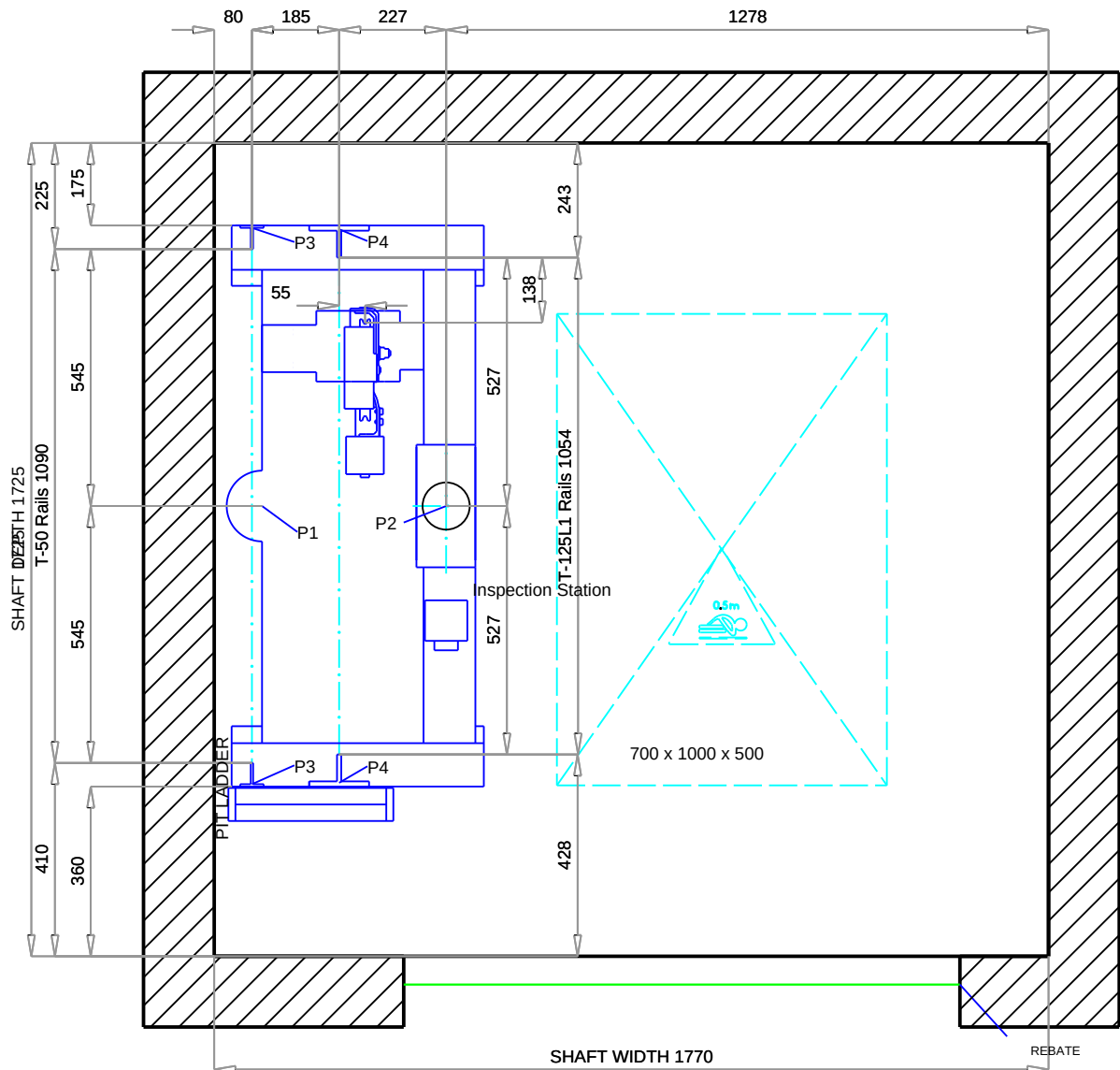
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DRAFT DRAWING (NOT DEFINITIVE)



PLAN ON PIT
Scale 1:15

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UNIT mm

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Technical drawing of a crane runway beam cross-section. The drawing shows a central rectangular area representing the beam, surrounded by a hatched area representing the concrete structure. Key dimensions and components are labeled:

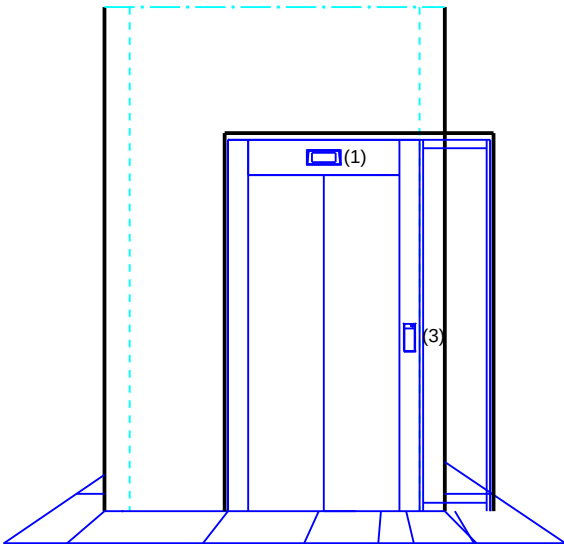
- Overall Dimensions:**
 - Top: 265, 185, 55
 - Left: 225, 175, 445, 545, 745, 410, 360
 - Right: 770, 955
 - Bottom: 200, 150, 965, 805
- Internal Components and Dimensions:**
 - Top left: 146
 - Top right: 70
 - Center: 195, 500x700x1000
 - Bottom left: 115 mm, ropes 6 X 6.5 mm
 - Bottom right: 115 mm, ropes 6 X 6.5 mm
- Labels and Notes:**
 - T-50 Rails 1090 (on the left)
 - SHAFT DEPTH 1725 (on the right)
 - SHAFT WIDTH 1770 (at the bottom)
 - U-40008 pulley 115 mm (near the bottom left)
 - ropes 6 X 6.5 mm (near the bottom left)
 - 500x700x1000 (near the center)
 - 115 mm (near the bottom left)
 - ropes 6 X 6.5 mm (near the bottom left)

Scale 1:15

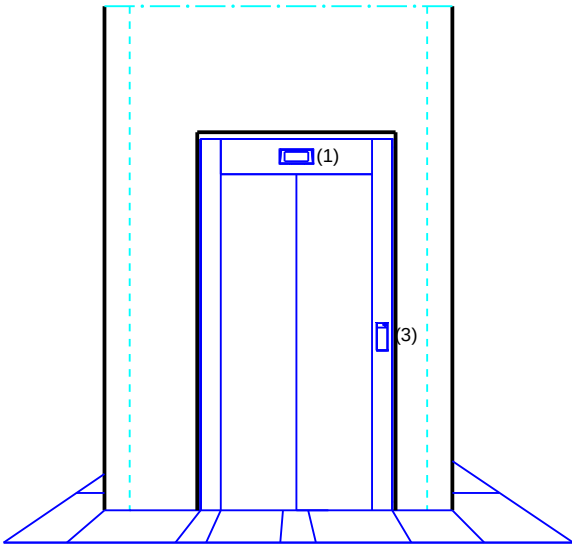
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Doors on level 3
SECONDARY ACCESS



Doors on level 0, 1, 2
MAIN ACCESS

(1) Indicator

(3) LOP

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