

DRAFT DRAWING (NOT DEFINITIVE) AND SHAFT WITHOUT SLOPINGS

(EN 81-20/50)

MAIN FEATURES

Nominal load:	630 kg 8 Passengers
Speed:	1 m/s
Travel:	3.5 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:	5.6 kW
Nom. Current grid:	10.43 A
Max. Current grid:	10.98 A
Short circuit rating:	6 KA
Controller type:	UNIVERSAL SIMPLEX
Deadweight car+frame:	609 kg
Number of ropes:	6
%Counterweighed:	45 %

LOADS IN DaN

P1: 3600 daN	P8: - daN
P2: 5000 daN	P9: - daN
P3: 480 daN	P10: - daN
P4: 2060 daN	P11: daN
P5: - daN	P12: daN
P6: - daN	P13: daN
P7: - daN	P14: daN

RANGING MEASURES MRL

A: 386 mm	F: 1489 mm
B: 111 mm	G: mm
C: 1489 mm	H: mm
D: 111 mm	I: mm
E: 276 mm	

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EXAIX00004

SCALE

DRAWING Nº

CHECKED

UNIT mm

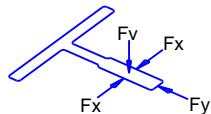
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GUIDING SYSTEM CALCULATIONS SUMMARY

	CAR GUIDE	COUNTERWEIGHT GUIDE	
Guide type	T-125 L1/A	T-50/A	
Clip type	M2	SL1	
Max distance between brackets [mm]	2840	3500	
Fx max [daN]	330.91	7.85	
Fy max [daN]	135.63	20	
Fv max [daN]	1296.85	26.89	
s perm [N/mm2]	261.11	125.33	
s max [N/mm2]	207.45	75.98	
d perm [mm]	5	10	
d guide max X [mm]	4.97	4.54	
d guide max Y [mm]	3.9	5.41	
d str max [mm]	0	0	

* Information about guides and flanges available on [\[REDACTED\]](#)'s web 'Documentation per OV'

LANDING DOORS

LANDING DOOR FIRE REGULATION	LANDING DOOR MATERIAL	ENTRANCE 1
E120	St.St. Plus	0,1

HOOKS

POSITION	LOAD	QUANTITY
L1	1000 kg	1
L2	1000 kg	3

REMARKS

- All the conditions in the document 'Work preparation guide' must be followed
- Optimum assembly process: [\[REDACTED\]](#) Platform

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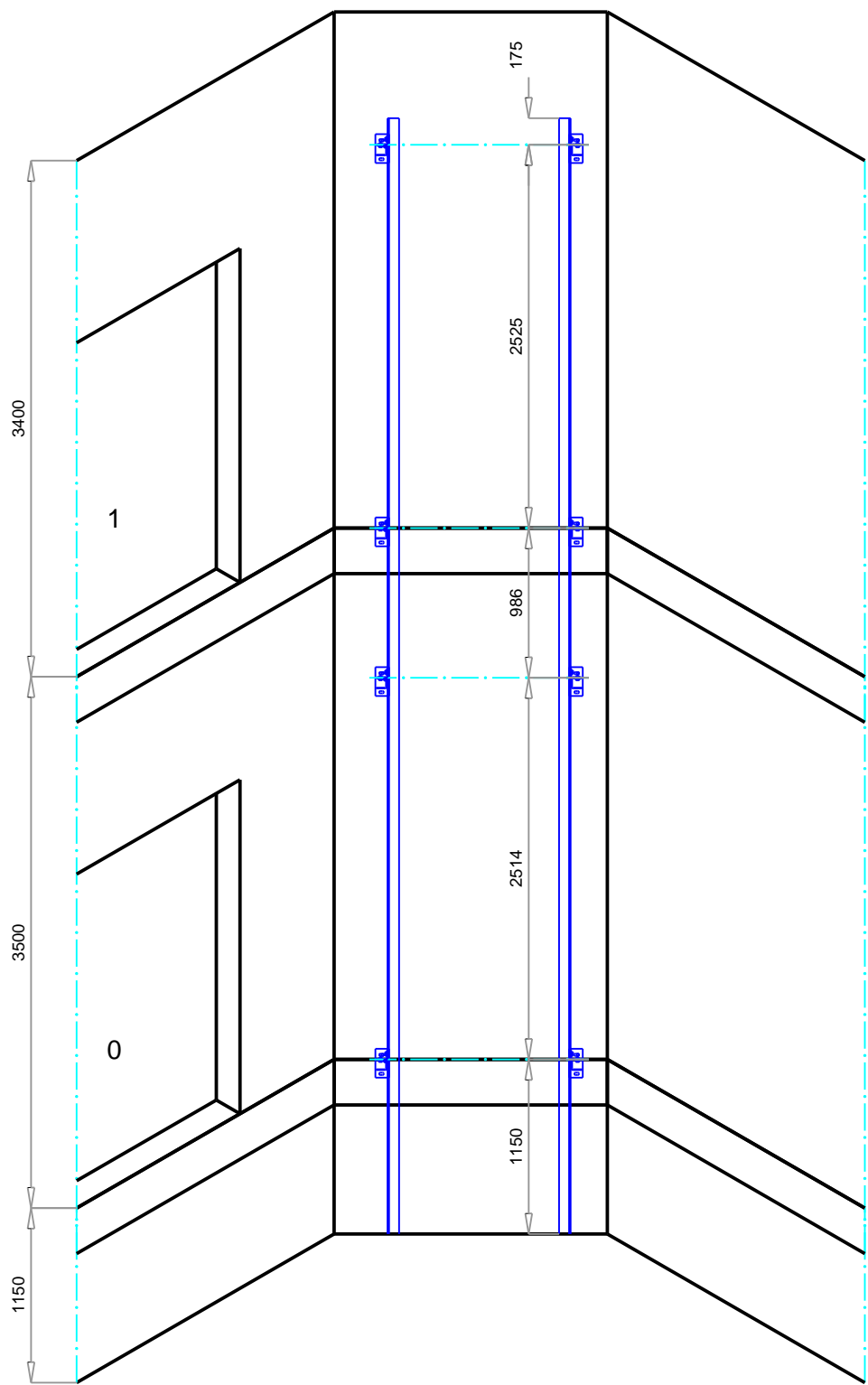
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TRAVEL HEIGHT = 3500 mm
NUMBER OF BRACKETS = 4
DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2514 mm TO PLACE THE PIT LADDER
MAX DISTANCE BETWEEN BRACKETS = 2840 mm

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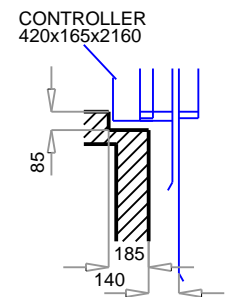
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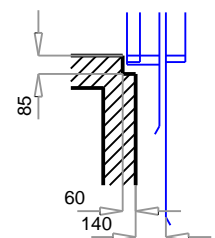
[illegible]

Y' DETAIL
Doors on level 1



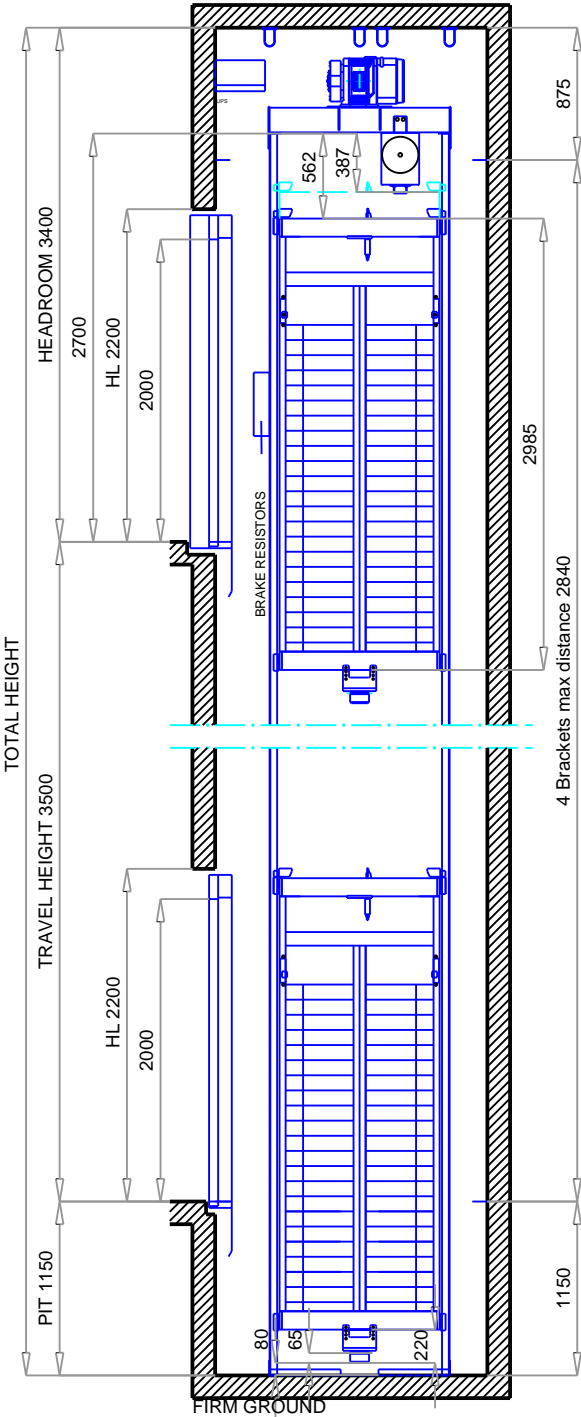
Y DETAIL

Doors on level

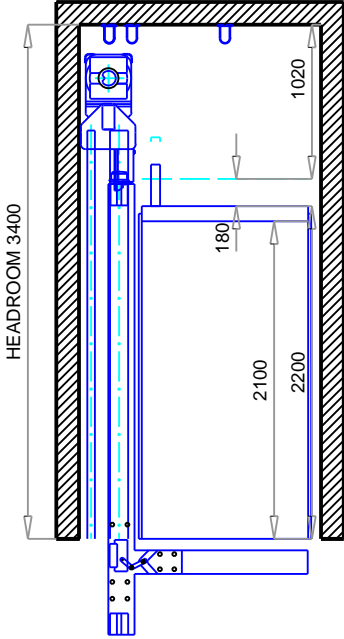


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VERTICAL SECTION COUNTERWEIGHT



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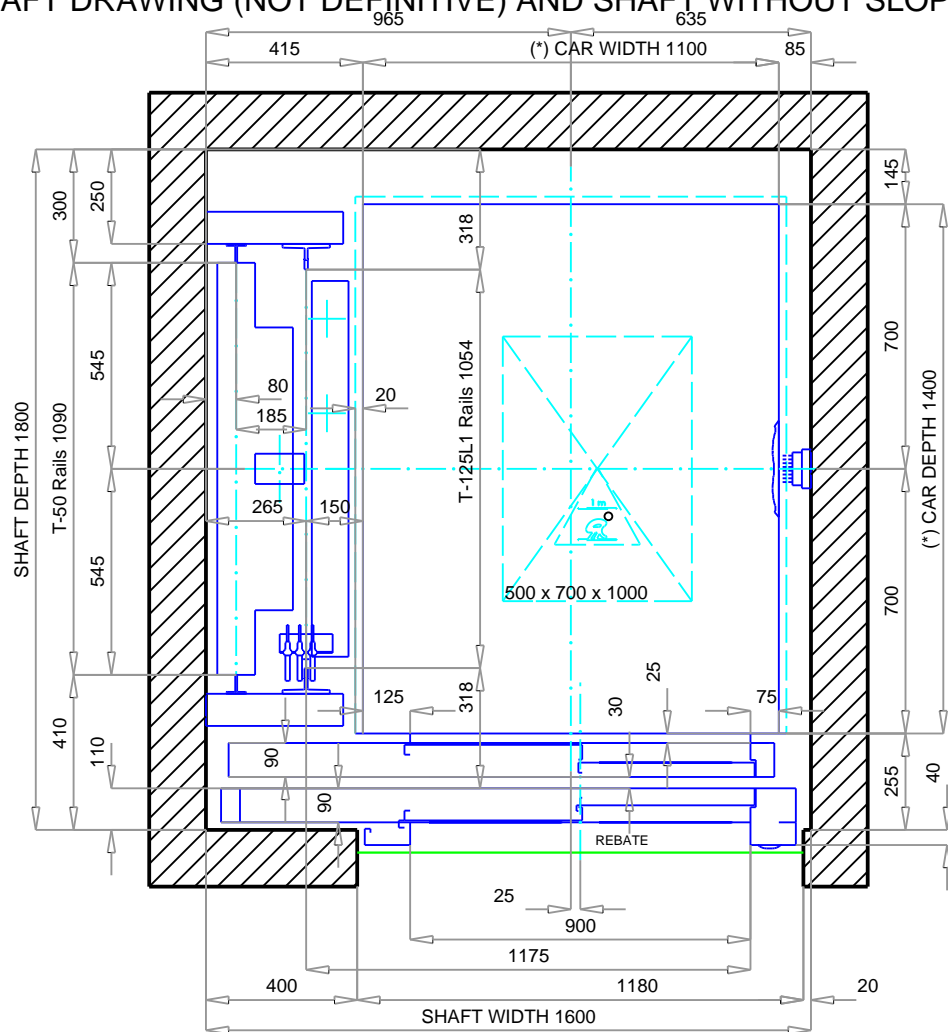
UNIT mm

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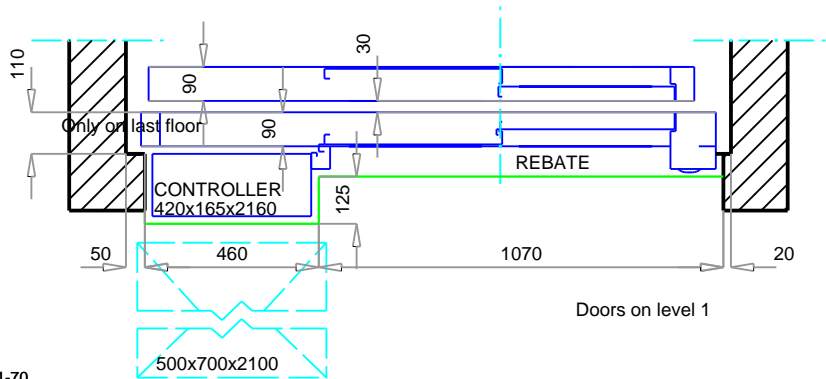
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Doors on level

SHAFT PLAN
Scale 1:20

Headroom requirement for a solution compliant
with EN81-20/50 with:
Max Shaft With = 1912 mm
Max Shaft Depth = 2058 mm



(*) Car dimensions according to EN81-70

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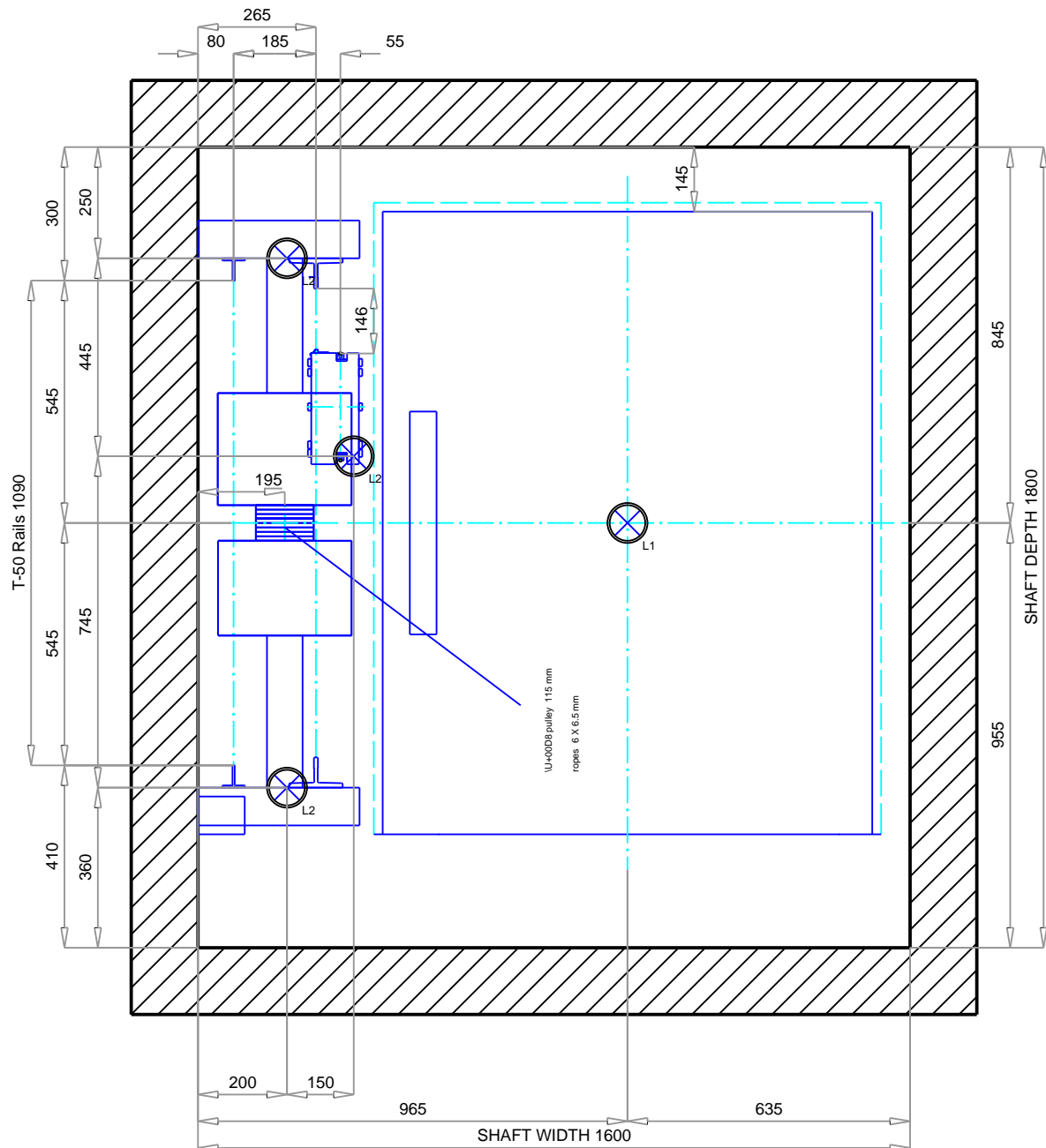
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Technical drawing of a shaft cross-section. The drawing shows a central shaft with a diameter of 1054 mm. The shaft is surrounded by a concrete structure. The total width of the shaft is 1600 mm. The total height of the shaft is 1800 mm. The shaft is divided into three sections: a top section of 300 mm, a middle section of 545 mm, and a bottom section of 410 mm. The shaft is supported by a concrete structure. The concrete structure has a width of 1108 mm and a height of 1800 mm. The shaft is surrounded by a concrete structure. The concrete structure has a width of 1108 mm and a height of 1800 mm. The shaft is surrounded by a concrete structure. The concrete structure has a width of 1108 mm and a height of 1800 mm.

Scale 1:15

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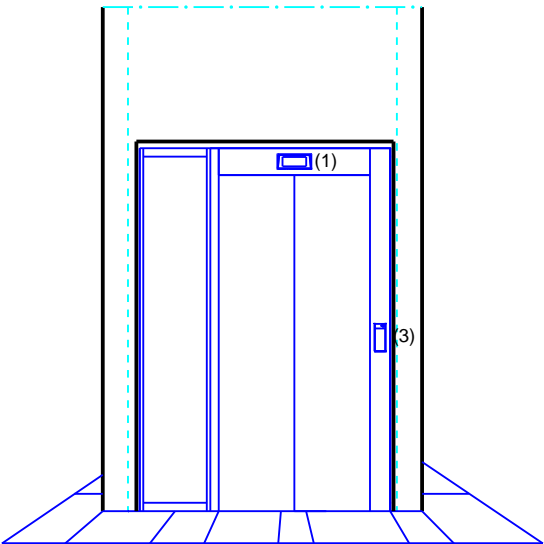
MACHINE VIEW

Scale 1:15

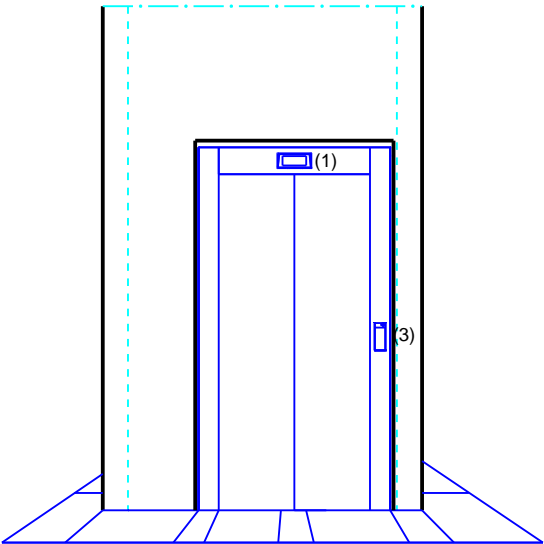
LOOP ABOVE THE CAR SUPPLIED & TESTED BY [REDACTED], REMAINING LOOPS BY OTHERS

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Doors on level 1



Doors on level 0

(1) Indicator

(3) LOP

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