

Electric equipment in the pit: (5.2.1.5)

- (1) Stopping device.
- (2) Inspection control station.
- (3) Switch the well lighting.

- (4) Lighting (5.2.1.4)
- (5) Pit access ladder (Annex F)



Equipment on top of the car(5.4.8.)

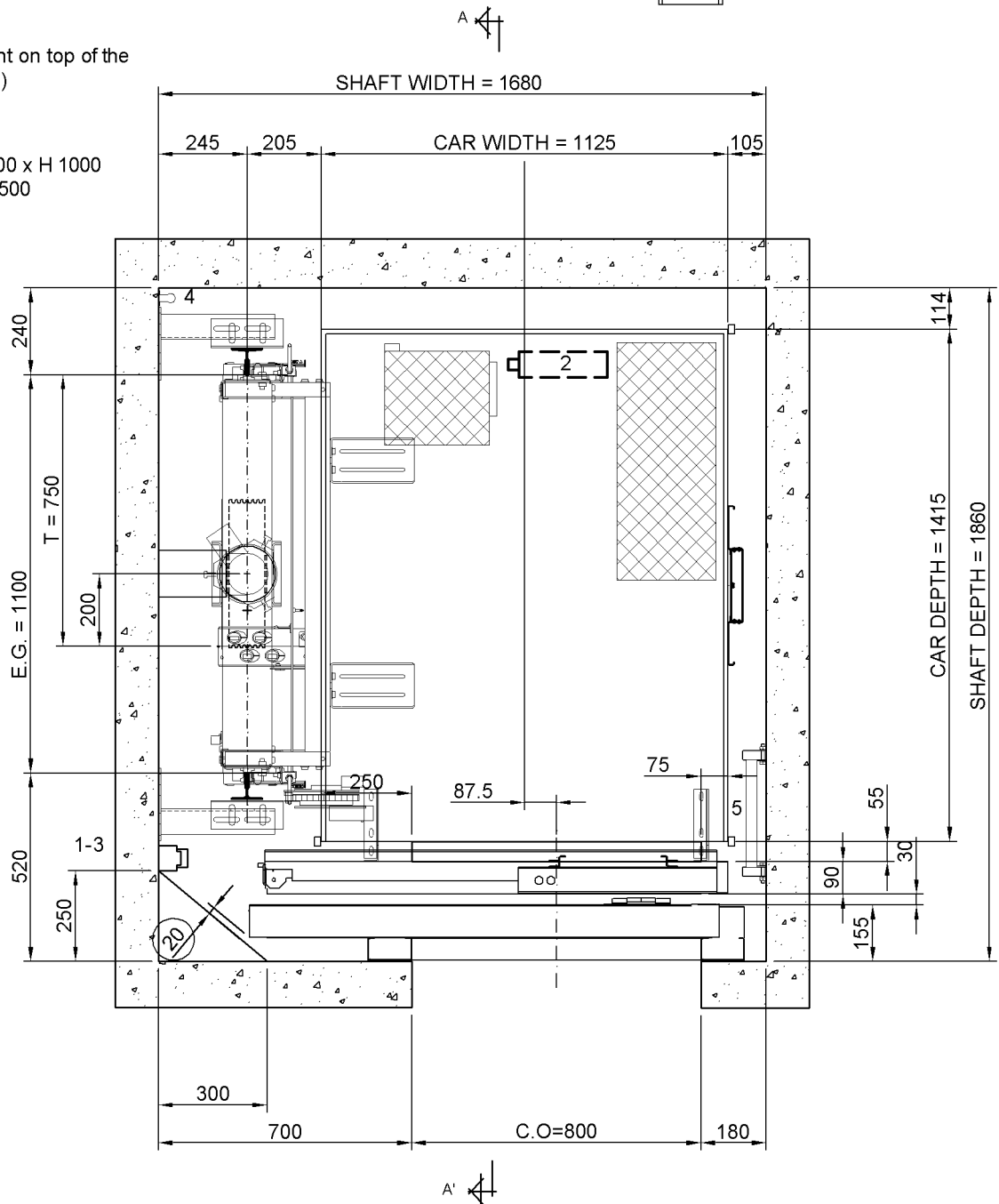
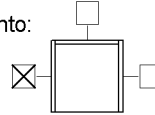
Refuge space:

Headroom: 500 x 700 x H 1000

Pit: 700 x 1000 x H 500

Barandilla en techo de cabina
H=1100mm (Plegable 81.21)

Emplazamiento:



LIFT LAYOUT

Shaft without deviations according to the plan measurements

GENERAL FEATURES:

Q = 630 kg Stops = 6 Persons = 8 Model = BZG100 Jack = 100X5 Union = WITH N° Ropes = Ø Ropes =
V= 0,80 m/s Acting = 2:1 Power = 16,00 KW Press. = 55,80 bar Width x Depth Useful = x M. R. = ON TOP OF THE SHAFT

LIFTWORKS
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01 21.04.2020

MODIF. DATE DESCRIPTION OF THE MODIFICATION

DRAWING NUMBER

NAME DATE

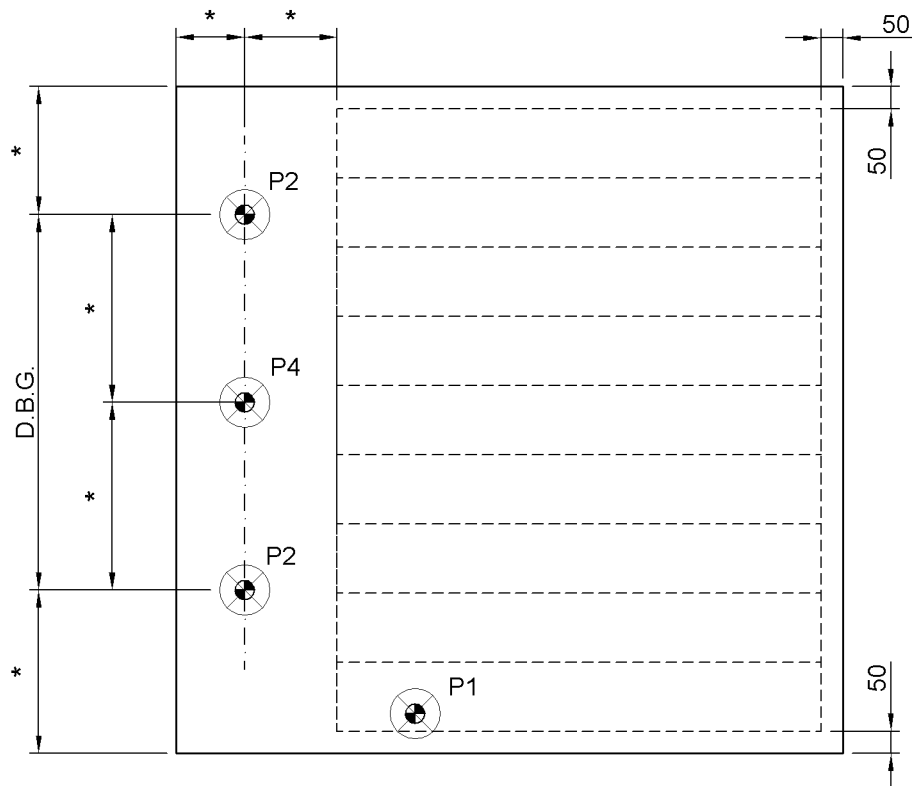
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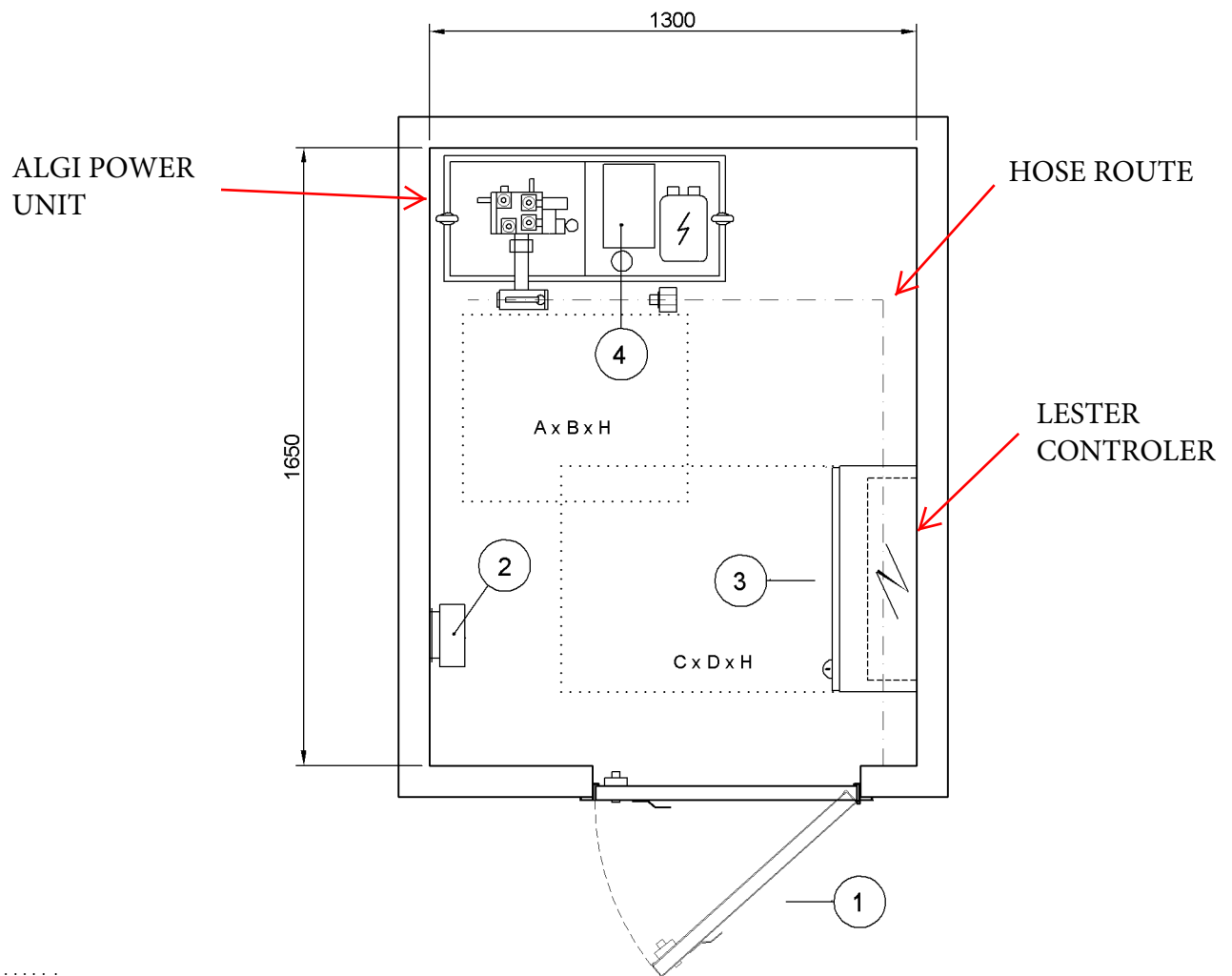
* GENERIC DRAWING. SEE DIMENSIONS IN FLOOR DRAWING 01.



POSITION LOAD HOOK

LOADS:											
P1 = 500 kg		P2 = 500 kg		P3 = kg		P4 = 1.500 kg					
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Working area (5.2.6.3.2.1)

- (1) Door (5.2.3.2).
- (2) Power switch (5.10.5).
- (3) Control unit.
- (4) Central Hydraulic unit.

- Ventilation (Annex E.3).
- Electric equipment (5.2.1.5.2).

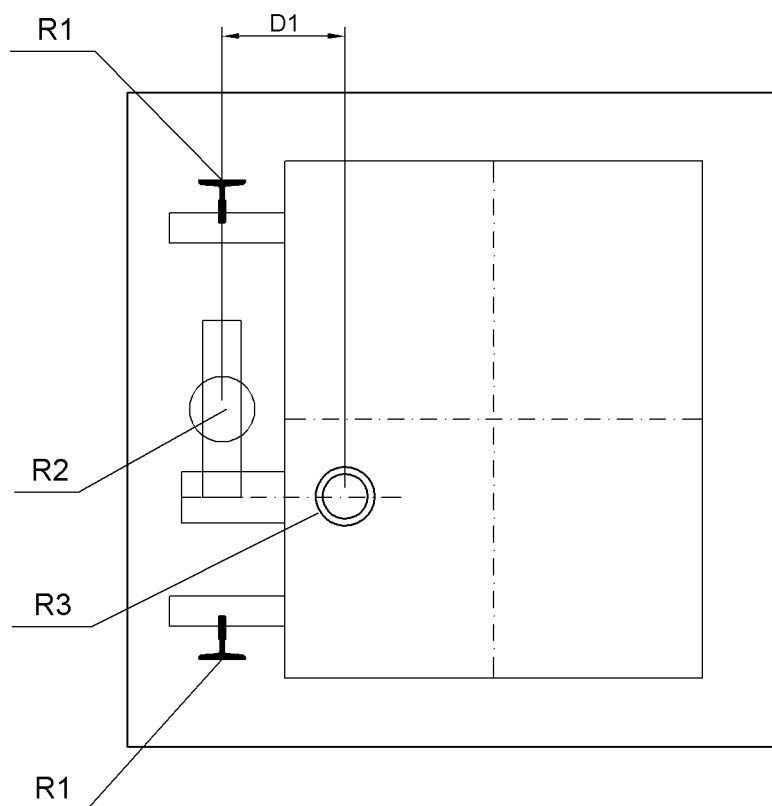
If the distance between power switch (2) and (4) exceeds 1 m, a STOP sign has to be placed at the (4), 5.12.1.11.1 (e).

MACHINE ROOM

WORK ZONE: ART 5.2.6.3.2.1. EN 81.20

A = 500 mm B = 600 mm C = 800 mm D = 700 mm H = 2.100mm

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FORCES RAILS IN PIT

Car guide =

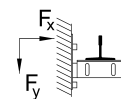
Buffer Car. = D3

R1 = 17.794,02 N R2 = 17.662,86 N

D1 = 297 mm

R3 = 51.357,19 N

FORCES TRANSMITTED TO THE WALL



Fx =

Fy =

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MODIF.

DATE

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NPC

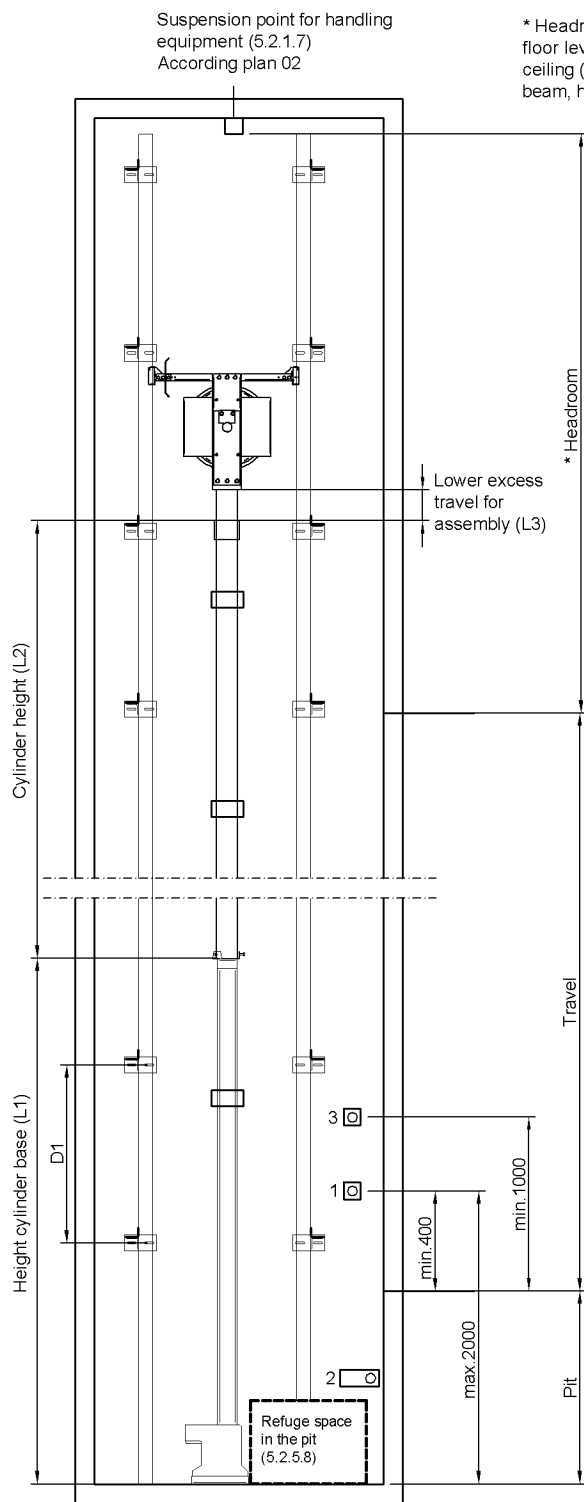
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1° Entrance A
2° Entrance B



Electric equipment in the pit (5.2.1.5):

1. Stopping device.
2. Permanently installed inspection control station (5.12.1.5), operable within 300mm of a refuge space.
3. Switch the well lighting.

The elements 1 and 3, positioned within a maximum horizontal distance of 750 mm from the pit access door frame inner edge.

A 5	2.820 mm
A 4	2.815 mm
A 3	2.840 mm
A 2	2.825 mm
A 1	2.550 mm
A G	

NUMBER HEIGHTS

Travel 13.850 mm

Pit 1.300 mm

Headroom 3.520 mm

Fastening points 14 PC

D1
L3 175 mm
L2 7.350 mm
L1 3.000 mm

GENERIC DRAWING TO REPRESENT DIMENSIONS. TO SEE THE CORRECT SITUATION OF THE COMPONENTS, SEE FLOOR DRAWING.

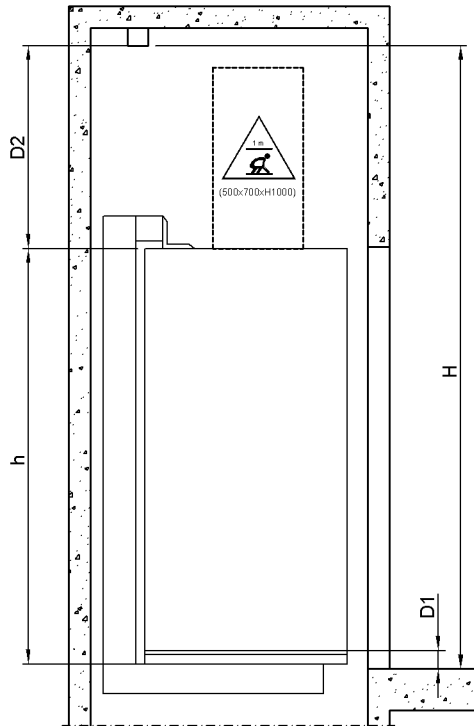
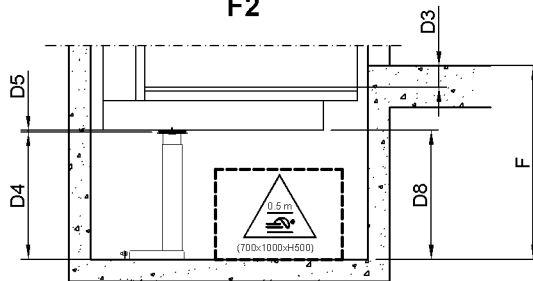
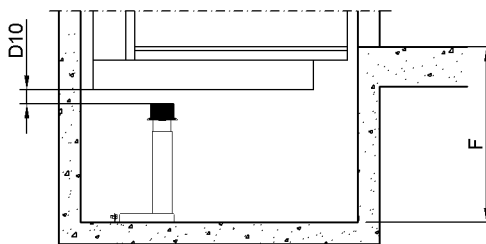
VIEW OF THE LIFT (PROFILE A-A')

DIMENSIONS ONLY FOR CAR AND CARGO LIFTS:

C1 = C2 = C3 = C4 = CK1 =

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	NAME	DATE		0015225660	05	
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F1**F2****F5**

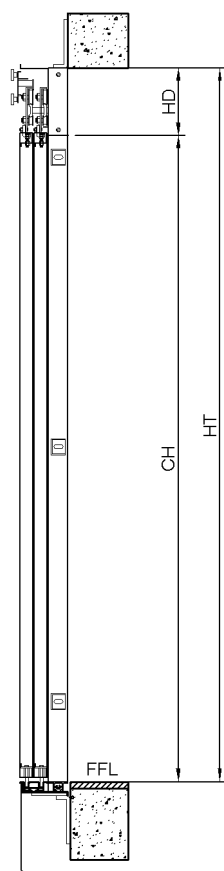
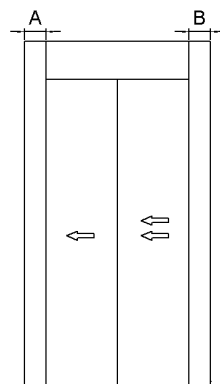
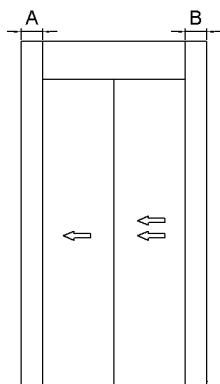
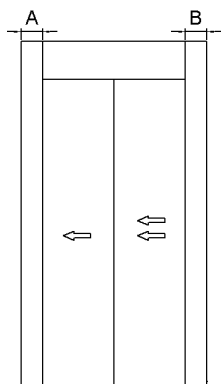
GENERIC DRAWING TO REPRESENT DIMENSIONS. TO SEE THE CORRECT SITUATION OF THE COMPONENTS, SEE FLOOR DRAWING.

DETAILED PLAN OF THE PIT AND HEADROOM

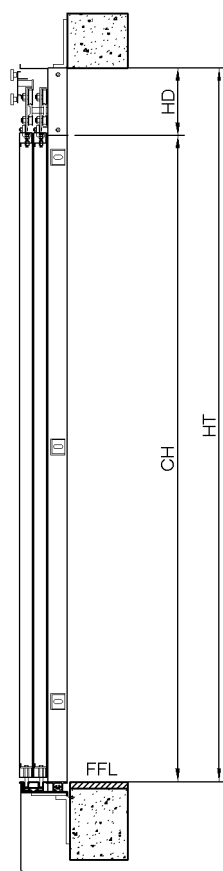
F1: HIGHEST POSITION OF CAR			F2: LOWEST POSITION OF CAR			F3: HEADER MAINTENANCE POSITION		
F4: PIT MAINTENANCE POSITION			F5: CAR LEVELED ON GROUND FLOOR			F6: CAR LEVELED IN LAST STOP		
D1 = 100 mm	D2 = 1.198 mm	D3 = 100 mm	D4 = 838 mm	D5 = 8 mm	D6 = mm	D7 = mm	D8 = 783 mm	D9 =
D10 = 28 mm	D11 =	F (Pit) = 1.300 mm		H (Headroom) = 3.520 mm		h (External/Internal Car Height) = 2.279 mm /		

LIFTWORKS
RAISING YOUR EXPECTATIONS

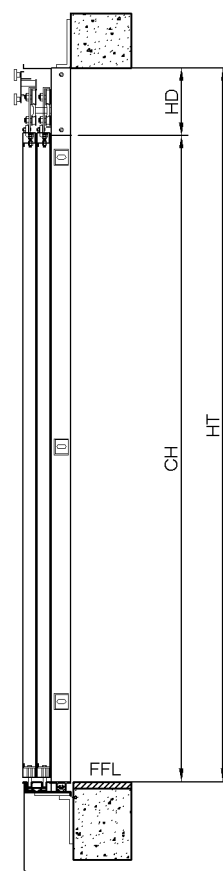
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C3



C1



C2

D1= 0 mm CH=2.000 mm HT=2.250 mm
 D2= 0 mm HD=222 mm h2= 0 mm
 h1= 0 mm
 Control Panel in Frame: NO A= 120 mm
 Contact bistable: NO B= 120 mm
 Floors: 5

D1= 0 mm CH=2.000 mm HT=2.250 mm
 D2= 0 mm HD=222 mm h2= 0 mm
 h1= 0 mm
 Control Panel in Frame: NO A= 120 mm
 Contact bistable: NO B= 120 mm
 Floors: G

D1= 0 mm CH=2.000 mm HT=2.250 mm
 D2= 0 mm HD=222 mm h2= 0 mm
 h1= 0 mm
 Control Panel in Frame: NO A= 120 mm
 Contact bistable: NO B= 120 mm
 Floors: 1,2,3,4

D1 and D2 dimensions have been calculated with h1 clearance. HT dimension has been calculated with h2 clearance.

LANDING DOORS

				 RAISING YOUR EXPECTATIONS		
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