

Technical drawing of a rectangular structure, likely a cross-section of a building component. The drawing shows a central rectangular area with a dashed line indicating a vertical axis of symmetry. The overall dimensions are 1315 (width) and 1960 (height). The central area has a width of 1625 and a height of 1715. The structure is divided into several sections with dimensions: 231, 631, 631, 434, 132, 862, 763, and 138. Labels 'g', 'f', 'g', and 'h' are placed within the central area, and 'TS= 1715' is indicated on the right side.

Entrance: 3

Electrical supply line: (local supply)
- 400 V Main power switch
- 230 V Hoistway lighting
Cable reserve 2 m min.

401 1080 Rough 144
BS=1625

Detailed description: This is a technical drawing of a door frame. The drawing shows a cross-section of the frame with hatching on the vertical sections. Dimensions are provided at the bottom: 401 for the left vertical section, 1080 Rough for the main horizontal section, and 144 for the right vertical section. Below these, a dimension line indicates a total width of BS=1625. To the right of the drawing, there is a list of electrical specifications: 'Electrical supply line: (local supply)', '- 400 V Main power switch', '- 230 V Hoistway lighting', and 'Cable reserve 2 m min.'.

Well 1:20

TS=1715

1080 Rough

763

144

60

200

200

BS=1625

401

862

662

549

549

82

82

1300

400

400

310

F13

F9

F11

F10

F14

F9

F12

Pit ladder

480

755

550

437

685

960

1260

280

80

180

200

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According to EN81-70 Point 5.4.2.1

Distance Middle of Top Button to Finished Floor Level: 85 - 110 cm

Description	Description Type	Quantity
Ceiling f	Load hooks min. 20 kN WLL	1
Ceiling g	Load hooks min. 5 kN	2
Ceiling h	Load hooks min. 10 kN Optional	1
Doors, c	40/22	800
Doors, d	40/22	1050

Loads are not simultaneous.
Structural elements (slab or supporting walls) to be dimensioned for [f] Working Load Limit or higher
The required minimum concrete quality must be Eurocode 2 EN1992 C20/25 or higher,"

Hoistway loads [N]			
F9 = 24084	F17 = -	F50x_T = 772	
F10 = 35881	F18 = -	F50y_T = 558	
F11 = 26907	F42 = -	F50x_PH = 1362	
F12 = 14868	F43 = -	F50y_PH = 949	
F13 = 29049	F44 = -	M50z_T = 128 [Nm]	
F14 = 28723	F45 = -	M50z_PH = 219 [Nm]	

Load F11 & F12 only occur in case of operation of the safety gear.
 Loads F9 & F10 in case either car or counterweight loads on the buffers

Entrance: 0

159 1050 416

2290

1855

1040

Viewed from the well side

140

284 800 541

144 1080 407

* = From finished floor level

Entrance: All remaining floors

159 1050 416

2290 1855 1040

140

284 144 800 541 1080 40

Viewed from the well side

* = From finished floor level

Entrance: 3

159 1050 416

2290

1855

1040

140

284 144 800 541 1080 801

Viewed from the well side

* = From finished floor level

Not to scale, generic illustration

Labels in diagrams:

- Hooding
- Visible Pungent or Irritant Door
- Removable Handrail
- Removable Toeboard
- Removable Toeboard
- 2 x Removable Handrail
- Access door
- Handing width
- Stair Overlap x 400

1. The client is to provide and fix full height lockable guarding to the lift shaft openings to provide protection for the general public, our operatives and equipment during installation in accordance with BS7525:2012. We draw your attention to Clause 4.18 and Annex E, which states that the full height enclosure access door should be fitted with a Yale lock, type 1, which is to be fitted to the door with a 10mm square hole through the door. The door can be opened without a key from inside the enclosure.
2. Height of guarding to be Clear Entrance Height + 200 minimum. Full hoarding should continue past the rough opening and finish at the ceiling or cap the hoarding to prevent materials falling into the opening hoarding from above.
3. Access door to be full height hoarding
4. An opening of 200mm width of floor which will need to be cut into the door for a vision panel. Approx. 1600-1900mm off the floor. This will need covering by a mesh with holes no greater than 10mm square. This stops any possibility of materials falling through but gives an inspection option. This may need a profile of the door to be drawn also on this sheet

The circumferential air gap between door frame or front and wall must be closed on site.
For deviations from the vertical, dimension changes.

Architectural section drawing showing four floors (1, 2, 3, and 0) with elevations and dimensions. The drawing includes structural elements like columns (c), beams (d), and stairs (a). Dimensions are given in meters (m) and feet (ft).

Floor 3: Elevation +11.081 m (36.04 ft). Dimensions: 12.86 m (42.2 ft) from top to floor level, 19.45 m (63.8 ft) from floor level to next level.

Floor 2: Elevation +7.571 m (24.84 ft). Dimensions: 2.50 m (8.2 ft) from floor level to next level.

Floor 1: Elevation +4.263 m (13.99 ft). Dimensions: 2.50 m (8.2 ft) from floor level to next level.

Floor 0: Elevation +0.000 m (0.00 ft). Dimensions: 2.50 m (8.2 ft) from floor level to next level, 7.00 m (22.9 ft) from floor level to next level, 1.00 m (3.3 ft) from floor level to next level, 1.50 m (4.9 ft) from floor level to next level.

Dimensions:

- HSK = 3350 (1099 ft)
- HQ = 11081 (3655 ft)
- HE = 4263 (1399 ft)
- SG = 1000 (3281 ft)

Notes:

- * = From finished floor level

* = From finished floor level

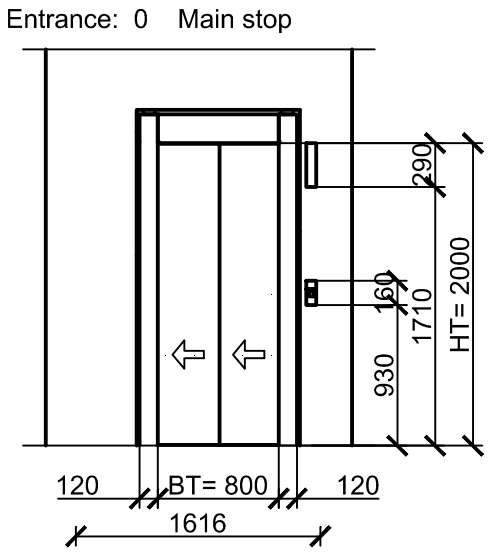
Author's address: Department of Psychology, University of York, York YO1 5DD, UK.

BUILDER'S WORKPLAN				Product Line: S3000+		
47 Peter Street, Manchester						
Building Address Client		47 Peter Street - M2 3NG Manchester Medlock FRB Limited - Greengate Street - OL4 1DG Oldham				
 Schindler	Schindler Ltd		Further inquiries concerning this plan on			
	Deanswood Lane KT13 2PL Addlestone		Tel:			
			Drawn	CLIFTOJO	12/01/2022	Page
			Released		2022.01.12	1/3
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	Plan No.	D 20091839.201			03	

Well Head 1:20

Technical drawing of a well head assembly (Well Head 1:20). The drawing shows a cross-section of a square well head with a central vertical shaft. The shaft is supported by a central bearing assembly (VAF013) and a lower bearing assembly (GBP201). The shaft is illuminated by three 'Shaft lighting Schindler' units. The drawing includes dimensions: 862 mm for the inner square opening, 763 mm for the outer square opening, and a total width of 1625 mm (BS=1625). The height of the well head is 1715 mm (TS=1715). The shaft diameter is 200 mm. The drawing is labeled 'Well Head 1:20'.

Access side 1 1:50

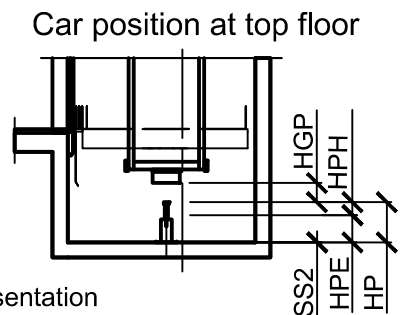
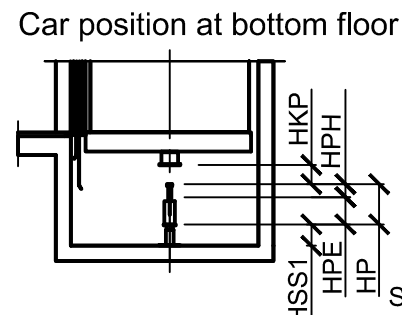
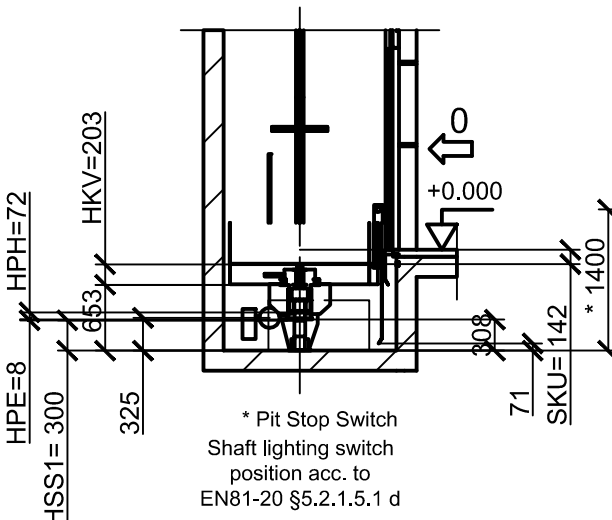
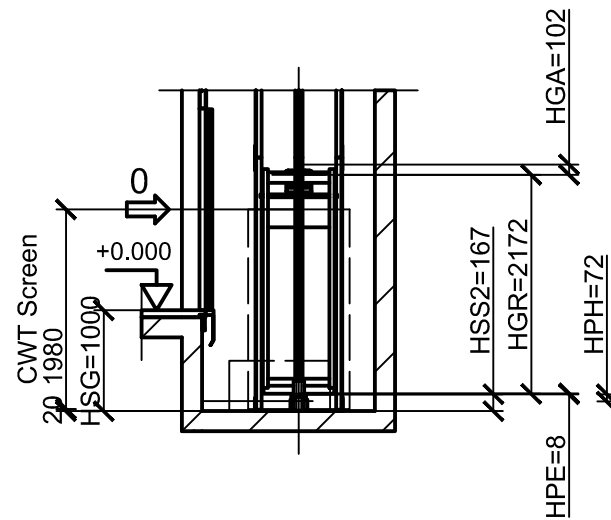


Section A-A

HSK= 3050
 [FRK=2624 (Car) 28]
 [FK=2402 (CWT) 28]
 HT=2000
 +11.061
 3
 442
 2482

Technical drawing of a vertical machine component, likely a pump or motor assembly, showing dimensions and labels:

- Top dimension: 923
- Dimension below top: .61
- Dimension below that: HK=2139
- Dimension below that: HKC=2100
- Dimension below that: HKSW=2
- Dimension below that: HKV=203
- Dimension below that: 550
- Dimension below that: +11.08
- Dimension below that: HKZ=13
- Dimension below that: SKO=227
- Label: ω (rotational speed symbol)



Schematic presentation

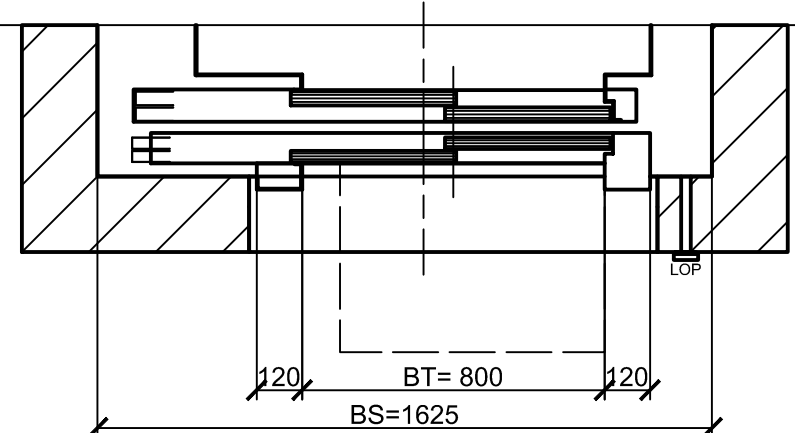
	Car buffer	Counterweight buffer
	PS_D2	PS_D2
(HP)	80	80
HPH/HPHL	72 / 72	72 / 72
HKP/HGP	70 0/5	85 0/10
HSS1/2	300	167
HPE	8	8
Quantity	2	1

Refuge spaces

Position and dimension	Label
On car ceiling 700x500x1000 700x500x1000	 2 Crouching
In hoistway pit 700x1000x500	 1 Laying

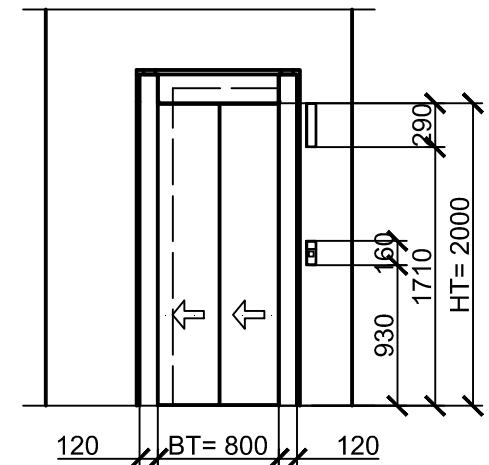
Entrance: 3 LDU

Acc code: Electric lighting (with switch) shall provide at least 200 lux at working areas.
The internal lamp in the cabinet assure the required 200 lux at the working area in front of Control box/LDU



LDU Working area
700x500x2100

Entrance: 3 LDU (LDU_R)



Bracket Selection

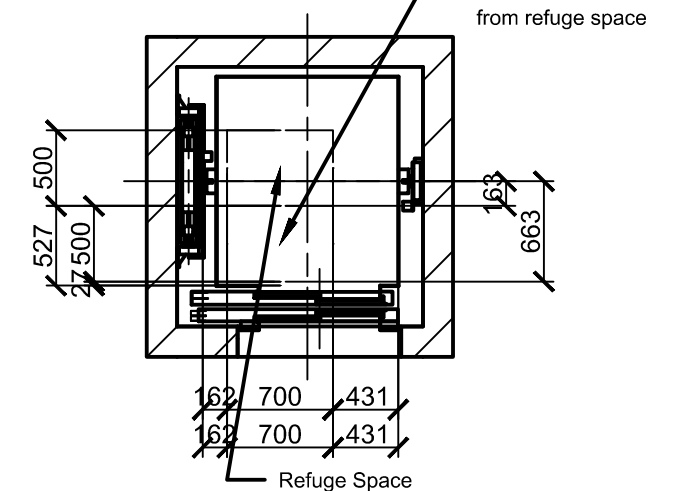
HFmax without floating bracket 2400 mm

H Fmax 3100 [mm]	Level [mm]	Car side	Counterweight side
Headroom section	to 14431	2 x Z-AL2	1 x L-A L 106 1
	from 10555		1 x O-A L 708/732 106 1
Travel section	to 10554	3 x Z-AL2	3 x O-A L 708/732 106 1
	from 2039		
Pit section	to 2038	2 x Z-AL2	2 x O-A L 708/732 106 1
	from -1000		

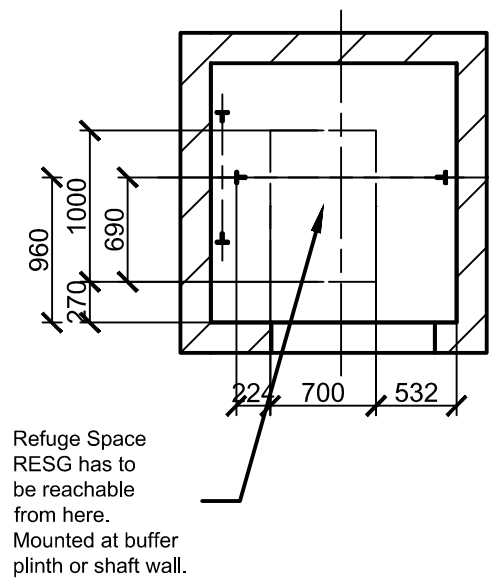
*) Brackets are marked with a sticker if they differ from bracket type in travel section.

[illegible]

On car ceiling



In hoistway pit



Revision	Modification	Modified by	Reviewed by	Date
02	Config Changes	CLIFTOJO		12/01/2022
03	Bracket adjustments to avoid clashes with steel	BRADBELE		14/01/2022

Product Line:
S3000+

Building	47 Peter Street, Manchester
Address	47 Peter Street - M2 3NG Manchester
Client	Medlock FRB Limited - Greengate Street - OL4 1DG Oldham



Schlumberger Ltd
 Eastern Lane, Boreham
 Chelmsford, Essex, UK
 Contact:

Conclusions

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