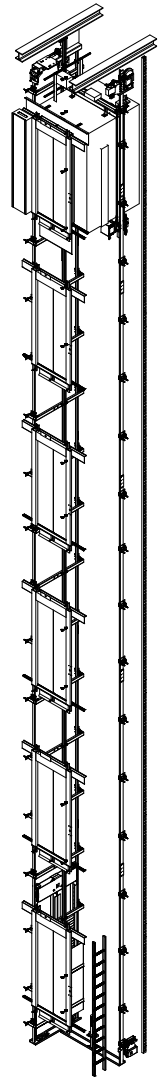
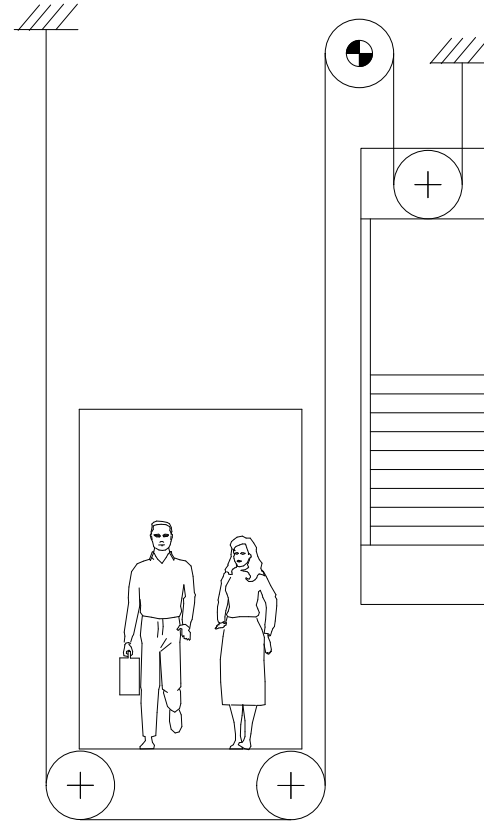


APPENDIX B

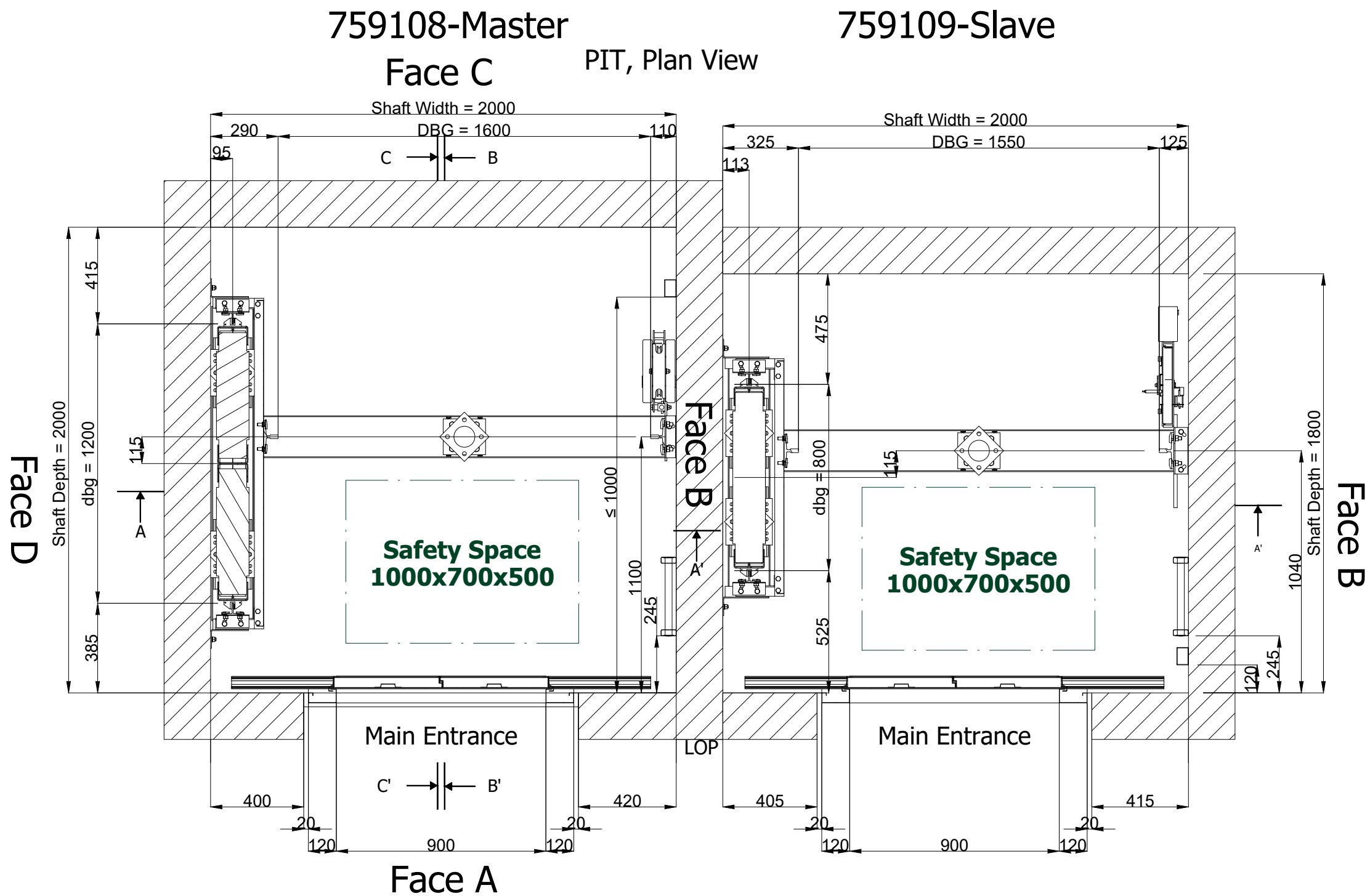
TOLERANCES		
	Width\Depth	Vertical
Shaft Height ≤ 15m	-0/+20mm	±20mm
15m < Shaft Height ≤ 30m	-0/+25mm	±30mm
Shaft Height > 30m	-0/+30mm	±30mm
Door Position ±10mm		




TECHNICAL SPECIFICATIONS OF COMPLETE TRACTION LIFT PACKAGE					
Suspension : 2:1	DBG : 1600 mm	dbg : 1200 mm	Car Buffer : OLEO LSB 16		
Car Travel : 20420 mm	Counterweight Guides : 50x50x5/cold draw		Tension Pulley Type : tensioner Kleemann SGW200.U 3 weights		
Rated Load : 1000 kg	Steel Wire - Ropes : 8 x 6.5 mm		Main Door : 2-P Central		
Car Speed : 1,6 m/sec	Motor Type : ZIEHL-ABEGG SM200.30D		Rear Door : Doesn't Exist		
Voltage : 3phase-400V	Nominal Power : 12,8 kW		Left Door : Doesn't Exist		
Levels : 6	Nominal Current : 18,5 A	Starting Current : 30,4 A	Right Door : Doesn't Exist		
Machine Room : mrl	Car Dims : 1430 x 1540 x 2300 mm		Motor Frequency : 50 Hz		
Car Guides Rails : 89x62x16/machined	Door(s) Weight : 84 kg		Job Number KL759108		
Responsible Dept. Engineering dept.	Technical Reference Malakoudis A.	Created By TOLIS CHRISTOS	Approved By	Document Type Elevator Plan	Document Status Final
		Project House of Fraser London Lift 1 LH Core	Customer : BYRNE LIFTS LTD		
		Lift Type : ATLAS 2:1	Reference Number No		
Rated Load : 1000 Kg		Levels : 6		Passengers : 13	
		Rev.		Drawing Creation Date 2023 / 10 / 17	Lang. en_US
				Page 1 / 17	

- Summary:
- Page 01. Technical Specifications
 - Page 02. Pit and Headroom Plan View
 - Page 03. Different Landing Plan Views
 - Page 04. Lifting Accessories and Pit Forces
 - Page 05. Forces On The Wall Of Header
 - Page 06. Builder's Views
 - Page 07. Shaft Vertical Sections
 - Page 08. Pit And Headroom Details(1)
 - Page 09. Pit And Headroom Details(2)
 - Page 10. Electrical Boxes at Headroom
 - Page 11. Main Door at levels: B
 - Page 12. Main Door at levels: G
 - Page 13. Main Door at levels: 1 to 3
 - Page 14. Main Door at levels: 4
 - Page 15. Scaffolding And Door Barrier
 - Page 16. Elevations
 - Page 17. Miscellaneous Tables

SHAFT, Plan View SCALE 1:20

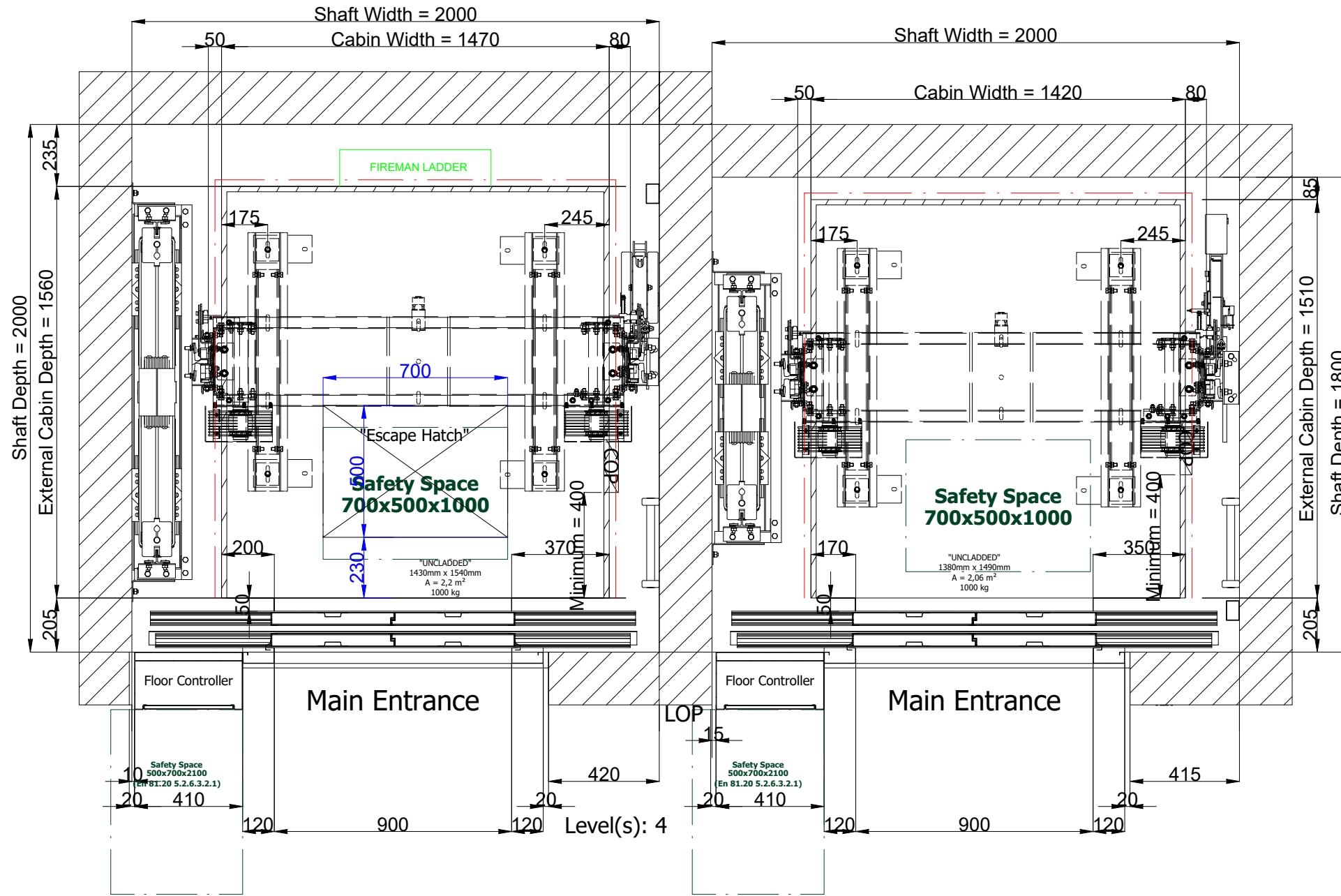


The Pit plan view depicts the shaft at the altitude of the landing 'B' with the cabin at a higher landing.
The Headroom plan view depicts the shaft at the altitude of the landing '4' with the cabin at that landing.


 KLEEMANN Your 1 st Choice in Lifts		Project	Customer :		
		House of Fraser London Lift 1 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number			
Rated Load : 1000 Kg		KL759108			
Levels : 6	Passengers : 13	Rev.	Drawing Creation Date	Lang.	Page
			2023 / 10 / 17	en_US	2 / 17

Different Landing Plan Views SCALE 1:20

759108-Master Headroom View 759109-Slave

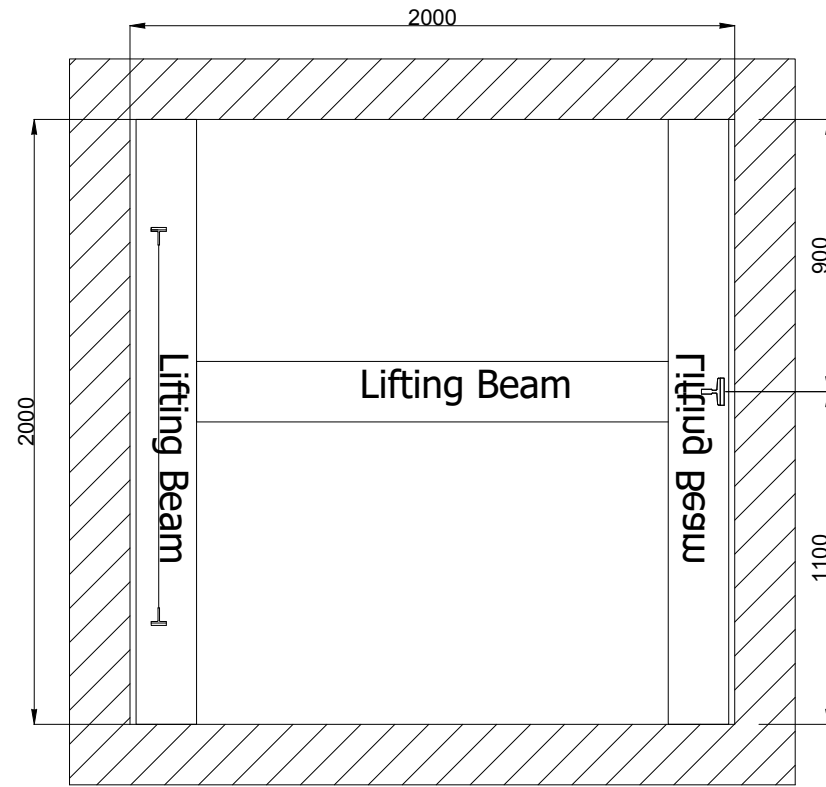


Each of the above landings, depicts what someone would see while looking from the level of the first appearance of that landing. In each landing, only the dimensioned doors are active. (See front elevation page(s))

 <p>KLEEMANN Your 1st Choice in Lifts</p>		Project	Customer :
		House of Fraser London Lift 1 LH Core	BYRNE LIFTS LTD
Lift Type : ATLAS 2:1		Job Number	KL759108
Rated Load : 1000 Kg		Rev.	Drawing Creation Date
Levels : 6		Lang.	Page
Passengers : 13		2023 / 10 / 17	en_US 3 / 17

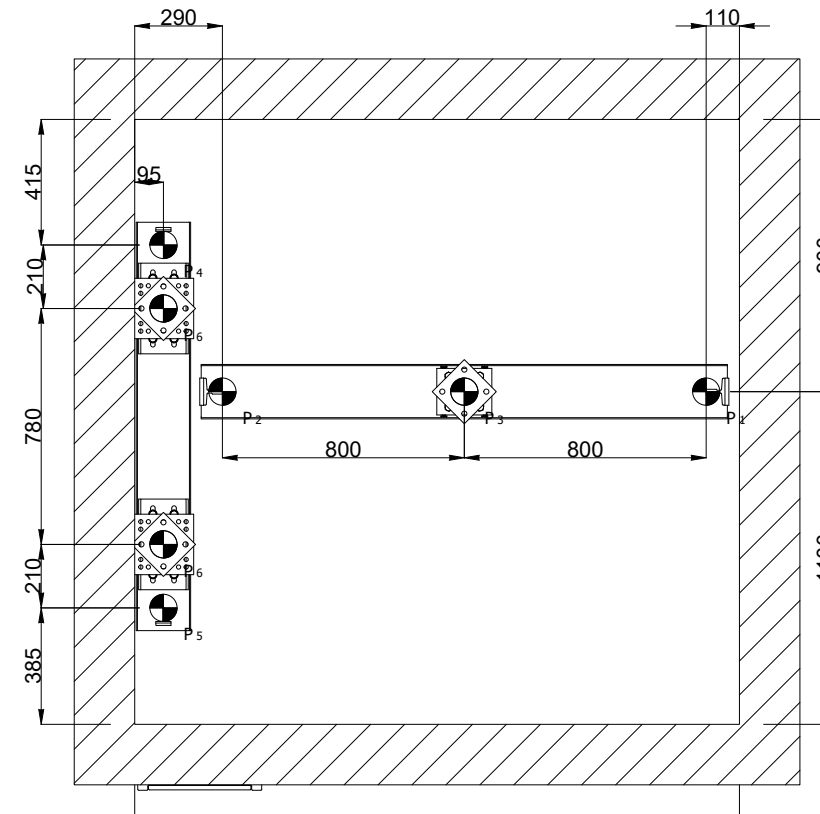
Lifting Accessories and Pit Forces SCALE 1:25

Headroom View

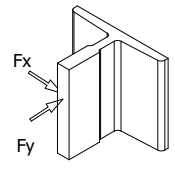
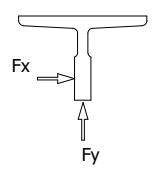


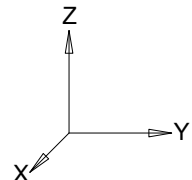
Any information presented about lifting beams or hooks is indicative.
KLEEMANN shall not be considered responsible for the actual ones used on site.

Forces on the Pit



PIT FORCES	
P1	28000 N
P2	43000 N
P3	83000 N
P4	19000 N
P5	22000 N
P6	63000 N
Guide Rail Forces	
Fx	1864 N
Fy	2729 N





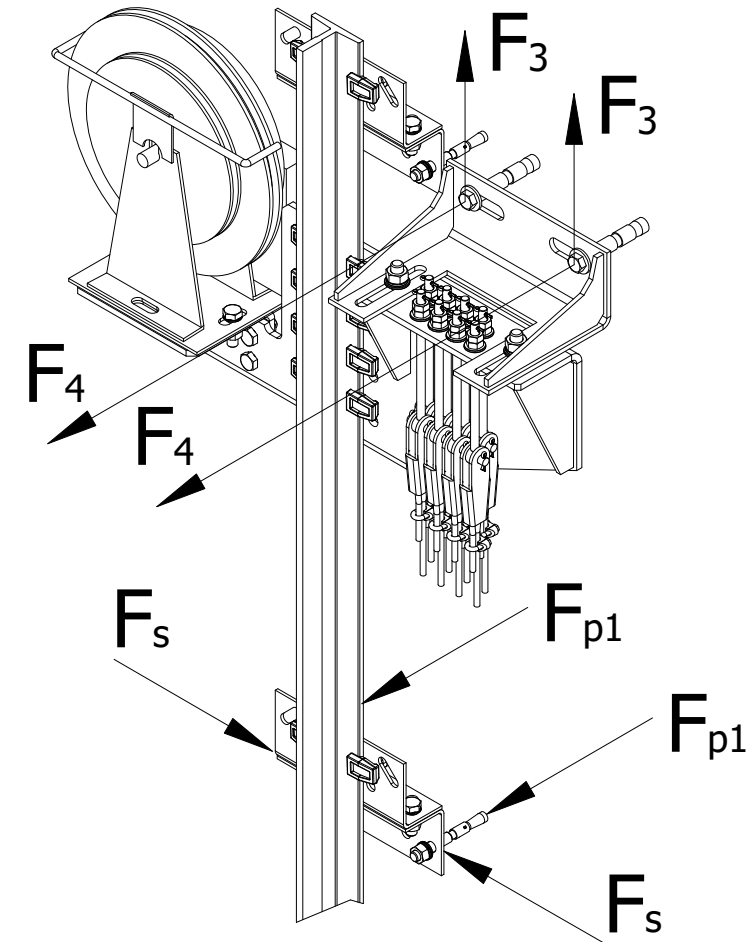
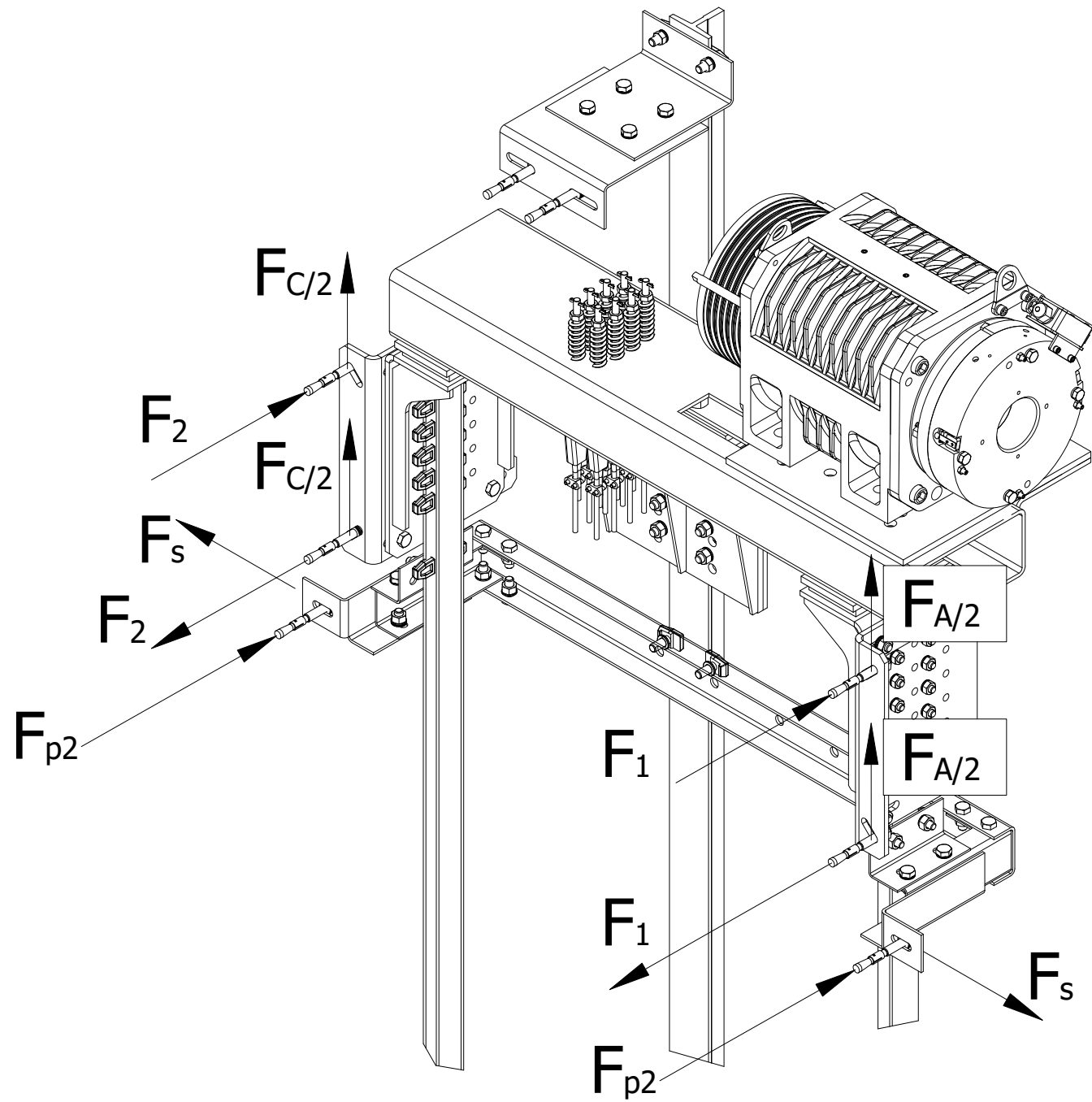
Project :
House of Fraser London Lift 1 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 6

Customer :
BYRNE LIFTS LTD
Job Number
KL759108

Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	4 / 17

Passengers : 13

Forces On The Wall Of Header



Forces On The Wall Of Header	
F1	6500 N
F2	4500 N
F3	1000 N
F4	1500 N
FA	10400 N
FC	8600 N
Fp1	2800 N
Fp2	600 N
Fs	1860 N

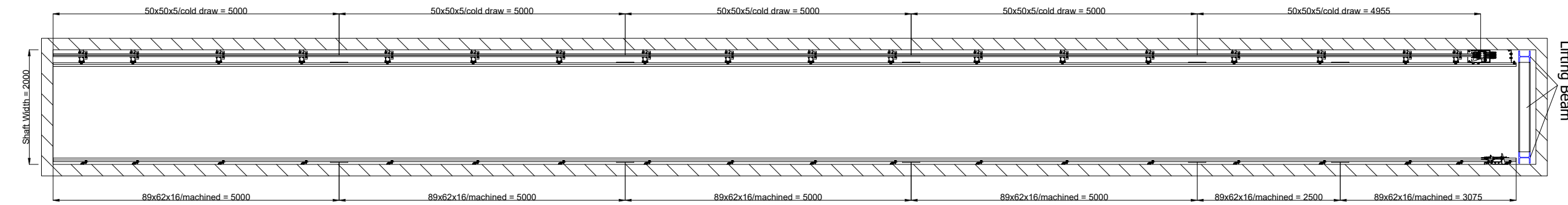
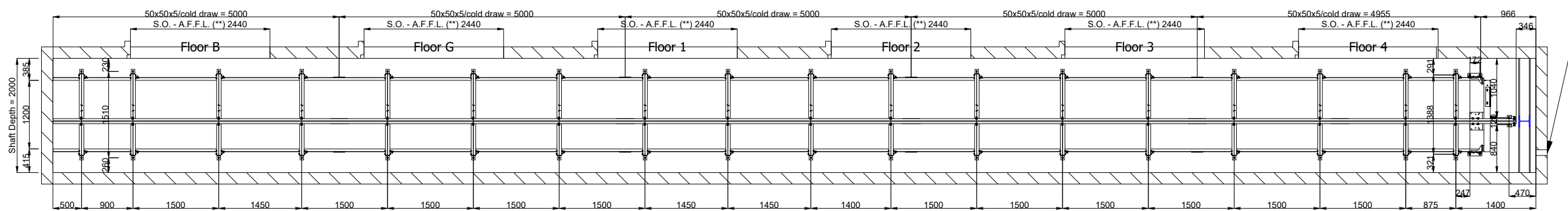
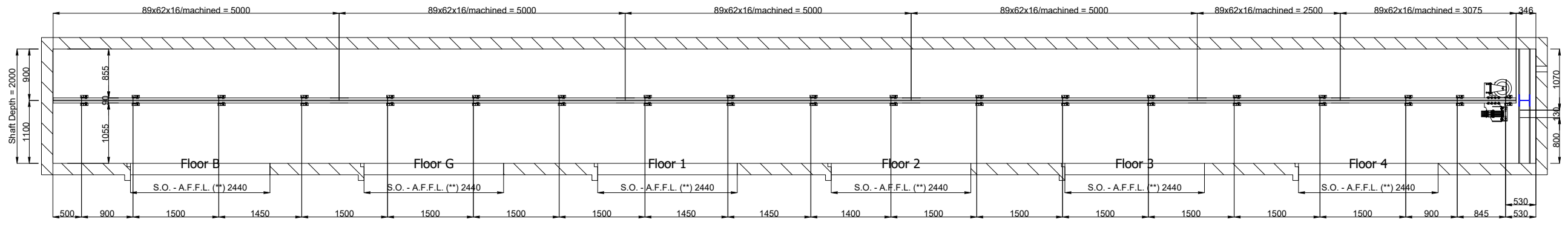


Project
House of Fraser London Lift 1 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 6


Customer :
BYRNE LIFTS LTD
Job Number
KL759108
Rev. Drawing Creation Date Lang. Page
2023 / 10 / 17 en_US 5 / 17

Passengers : 13

Builder's Views SCALE 1: 80



**Structural Opening - Above Finished Floor Level

 KLEEMANN Your 1 st Choice in Lifts	Project	Customer :		
	House of Fraser London Lift 1 LH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
Rated Load : 1000 Kg	KL759108			
Levels : 6	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 13		2023 / 10 / 17	en_US	6 / 17

6 5 4 3 2 1

D

D

C

C

B

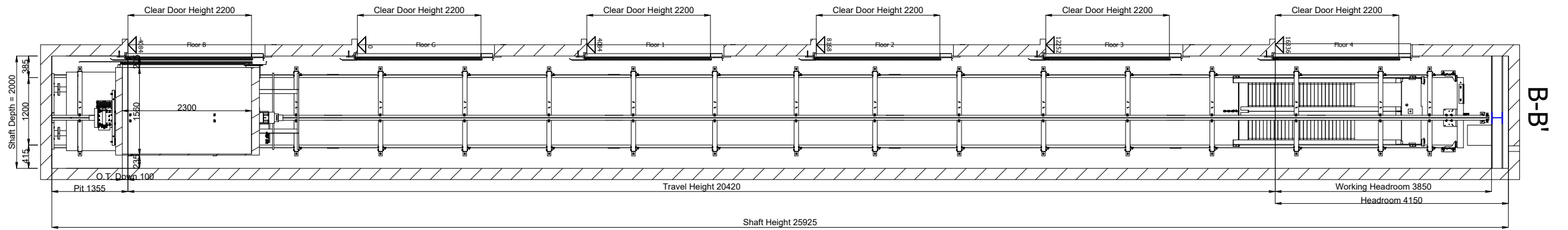
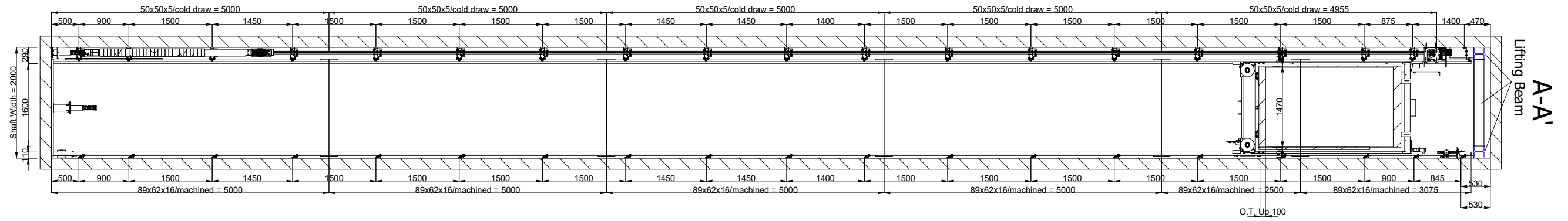
B


A

A

6 5 4 3 2 1

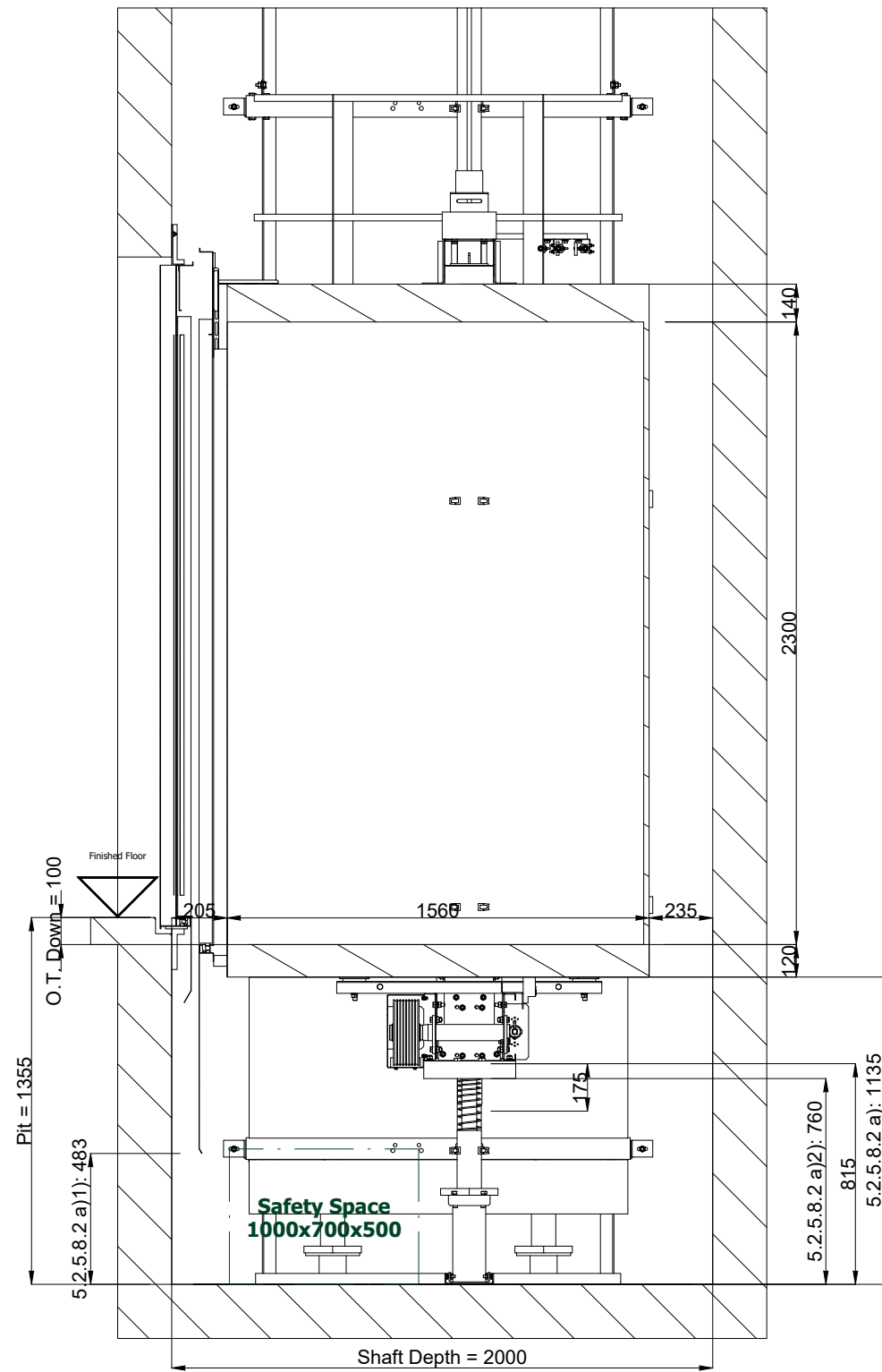
Shaft Vertical Sections SCALE 1:80



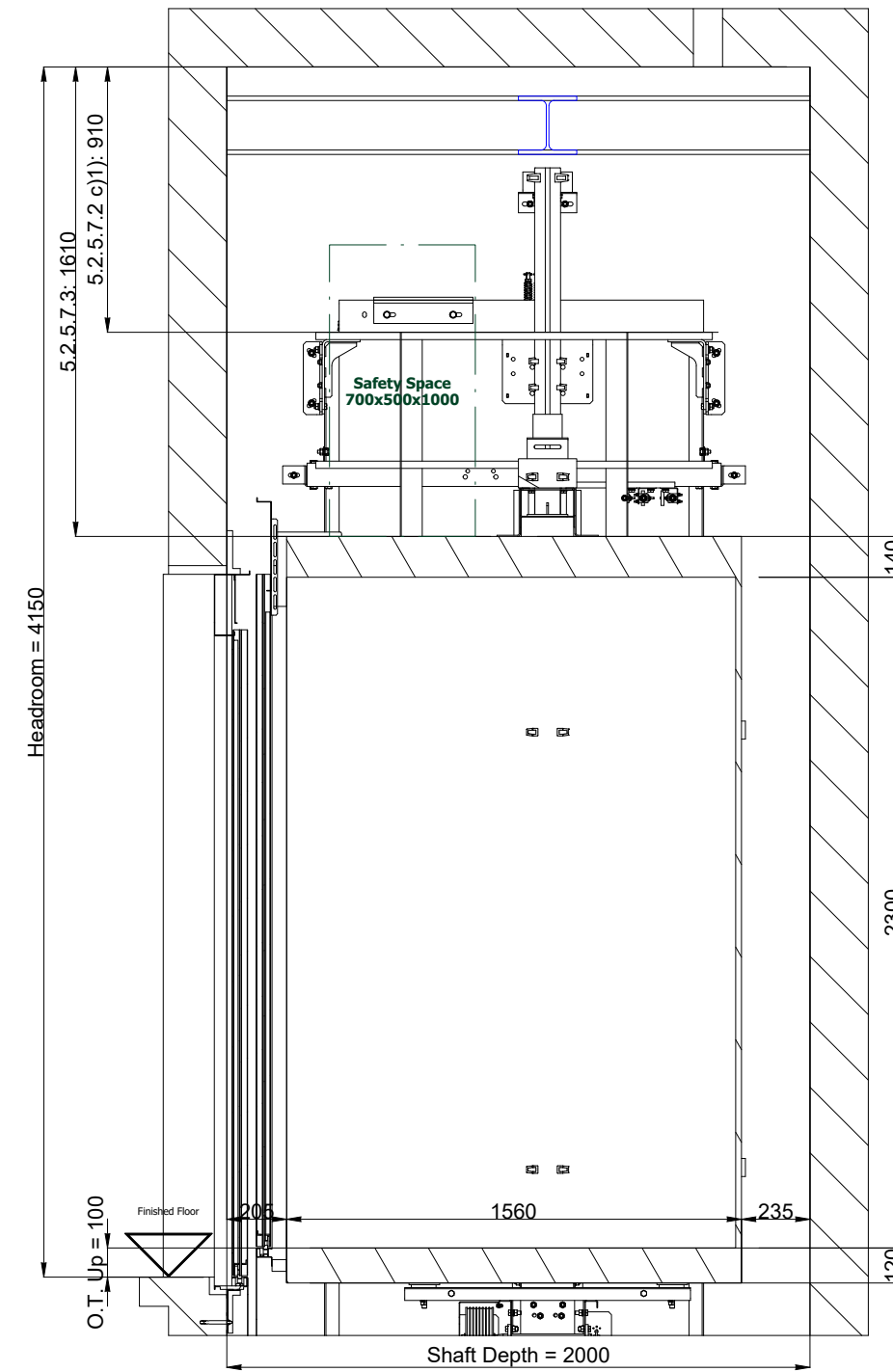
 KLEEMANN Your 1 st Choice in Lifts	Project	Customer :		
	House of Fraser London Lift 1 LH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
	Rated Load : 1000 Kg	KL759108		
Levels : 6	Passengers : 13	Rev.	Drawing Creation Date	Lang.
			2023 / 10 / 17	en_US
				Page
				7 / 17

Pit And Headroom Details(1) SCALE 1: 25

Pit Detail



Headroom Detail



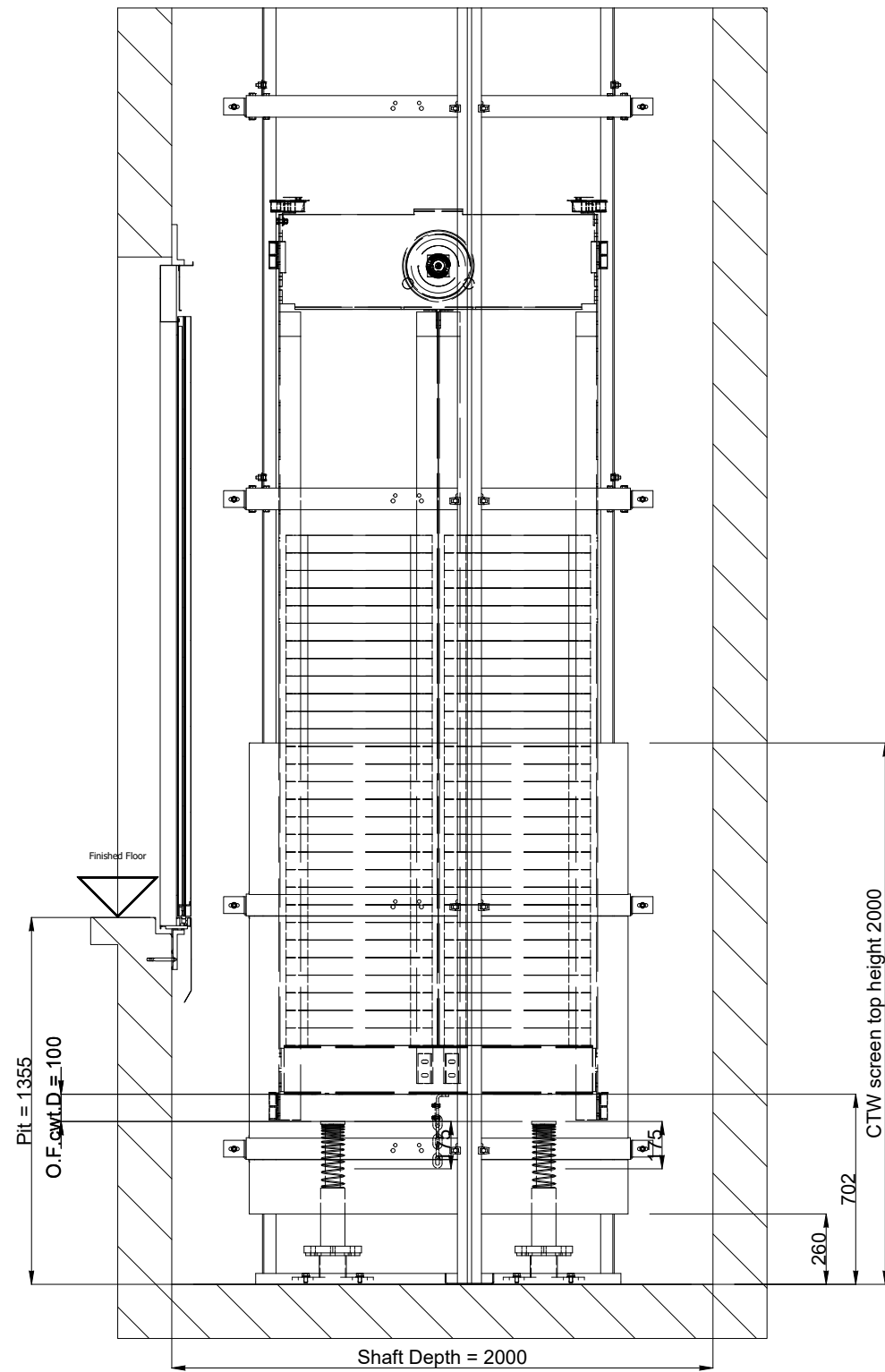
Clauses mentioned in these drawings refer to EN 81-20



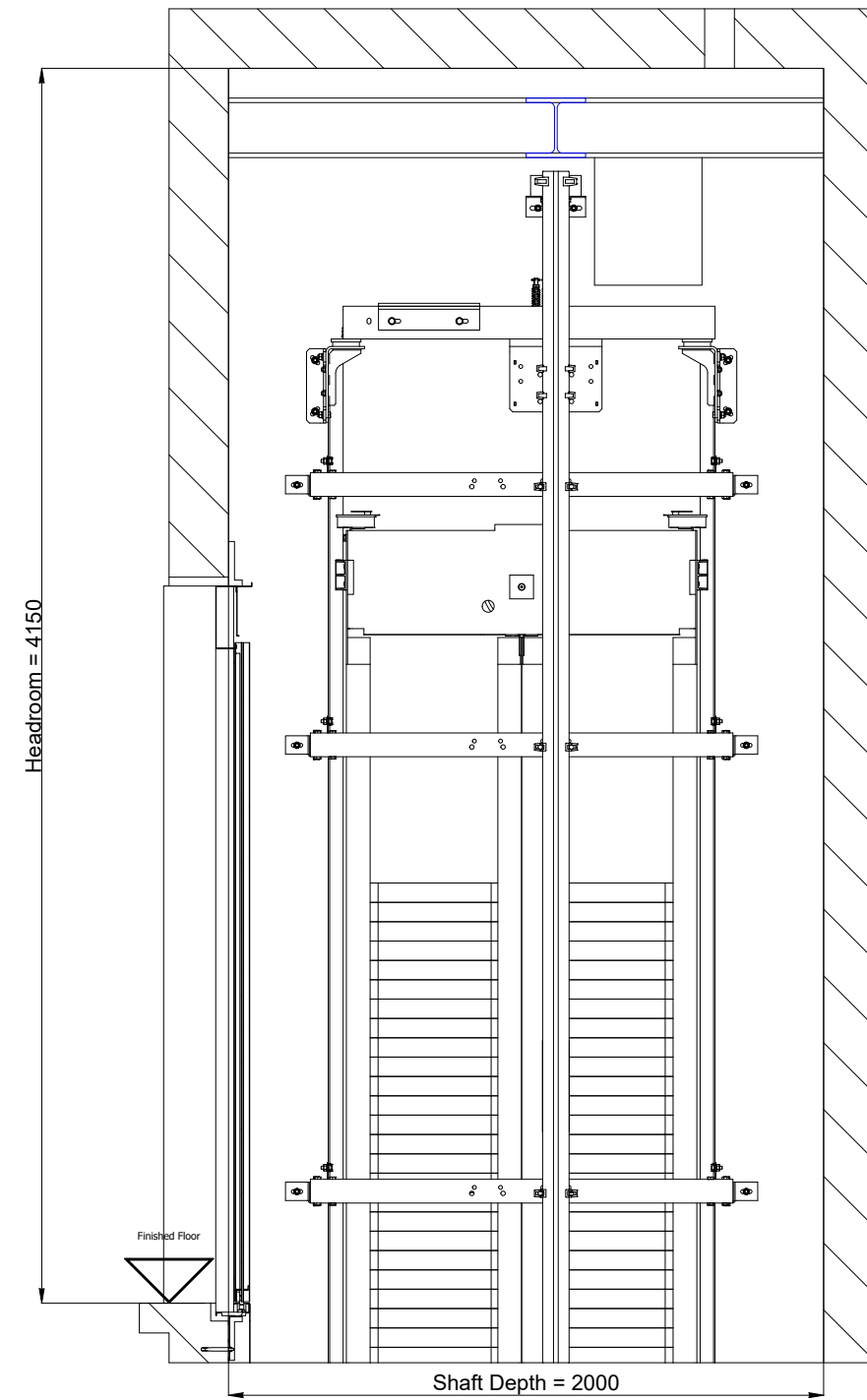
Project		Customer :	
House of Fraser London Lift 1 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759108	
Levels : 6	Passengers : 13	Rev.	Drawing Creation Date
		Lang.	Page
		2023 / 10 / 17	en_US 8 / 17

Pit And Headroom Details(2) SCALE 1:25

Pit Detail



Headroom Detail



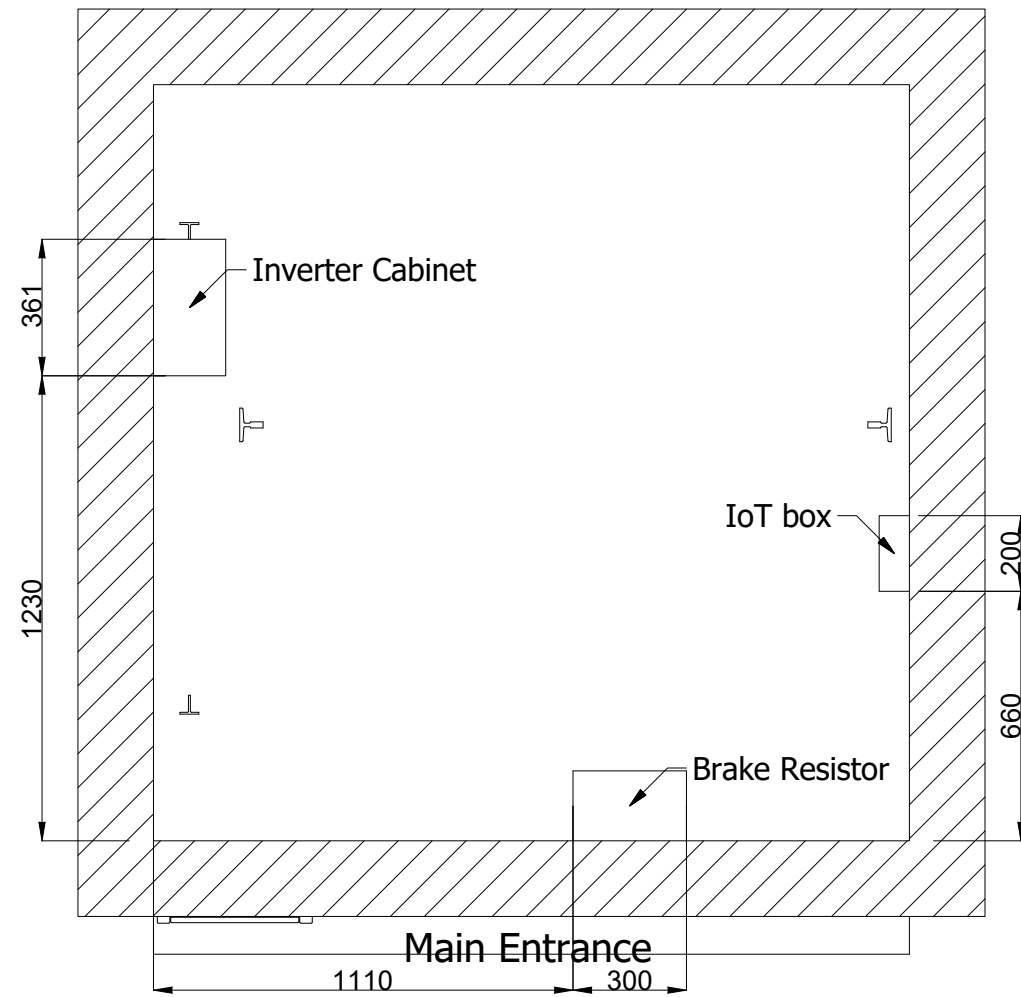
Project
House of Fraser London Lift 1 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 6

Customer :
BYRNE LIFTS LTD
Job Number
KL759108
Rev. Drawing Creation Date Lang. Page
2023 / 10 / 17 en_US 9 / 17

Passengers : 13

Electrical Boxes at Headroom SCALE 1:20

Headroom Electrical Boxes View



Headroom Electrical Boxes Characteristics					
Box	Type	Distance from Headroom	Length	Depth	Height
Inverter Cabinet	4CS	300 mm	361 mm	191 mm	429 mm
Brake Resistor	-	300 mm	300 mm	185 mm	230 mm
IoT box	-	600 mm	200 mm	80 mm	150 mm



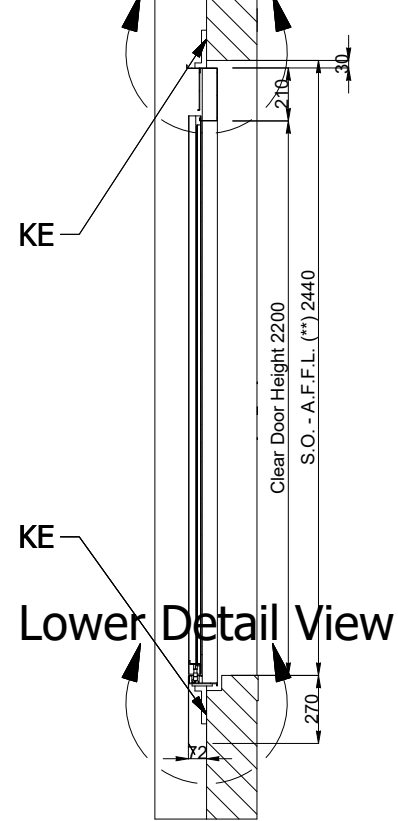
Project
House of Fraser London Lift 1 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 6

Customer :
BYRNE LIFTS LTD
Job Number
KL759108
Rev. Drawing Creation Date Lang. Page
2023 / 10 / 17 en_US 10 / 17

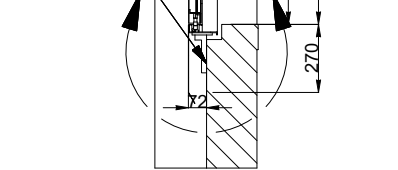
Passengers : 13

Main Door at levels: B SCALE 1:30

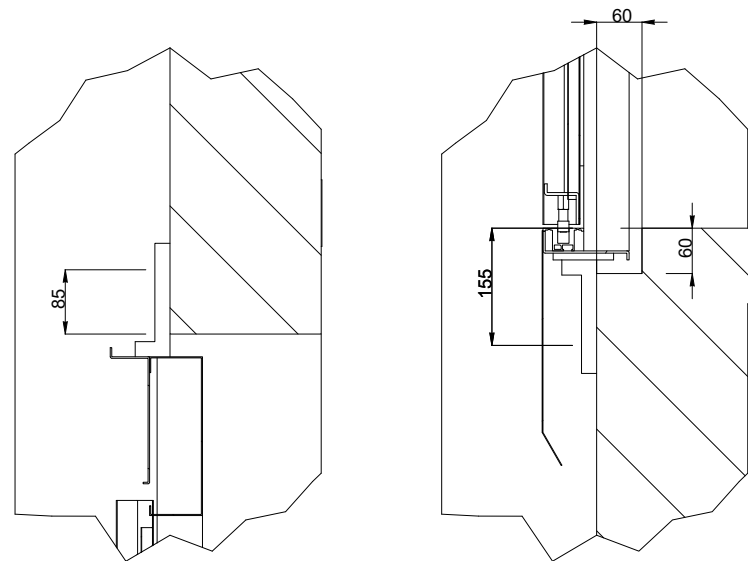
Upper Detail View



Lower Detail View

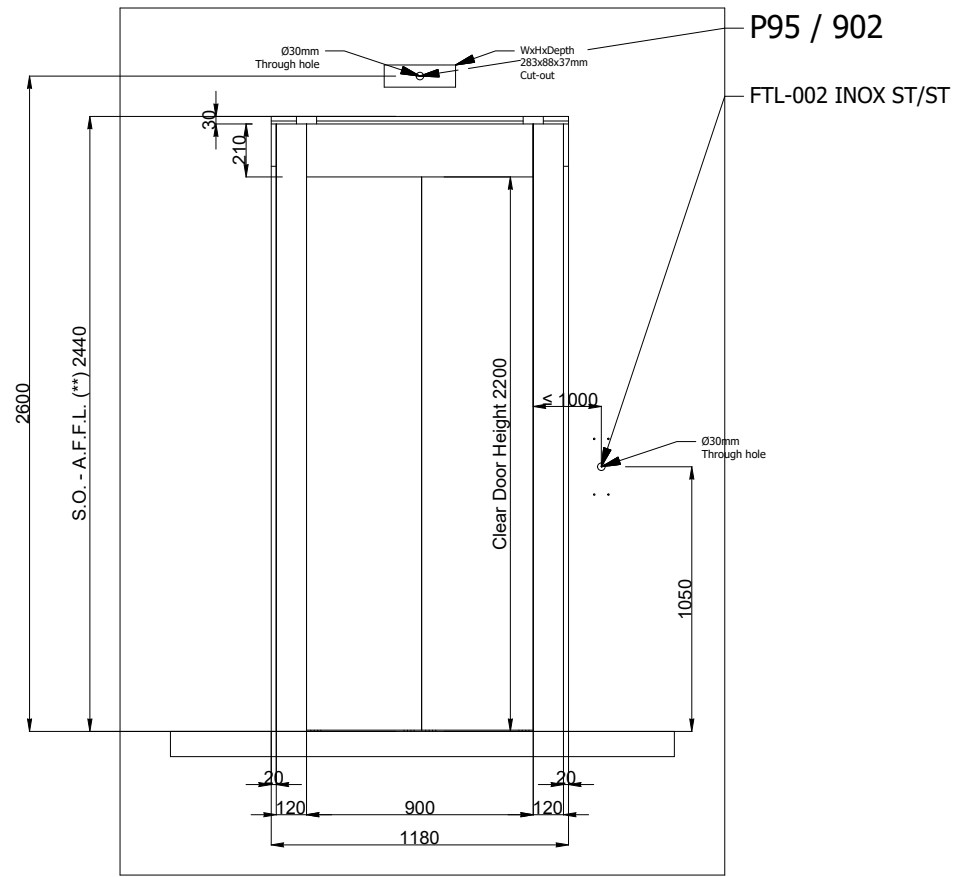


Section View

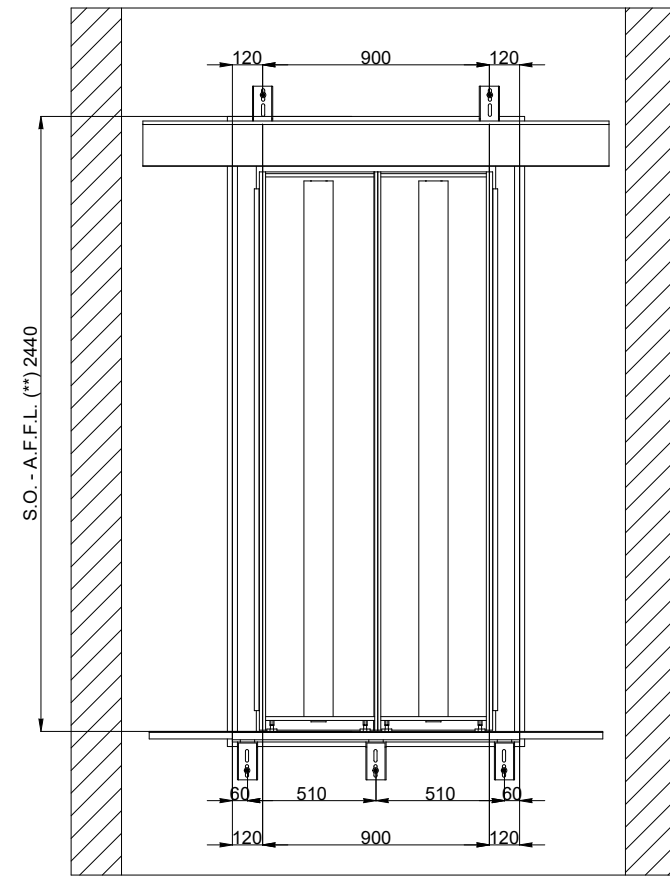


Upper Detail View

Lower Detail View



Outside View



Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

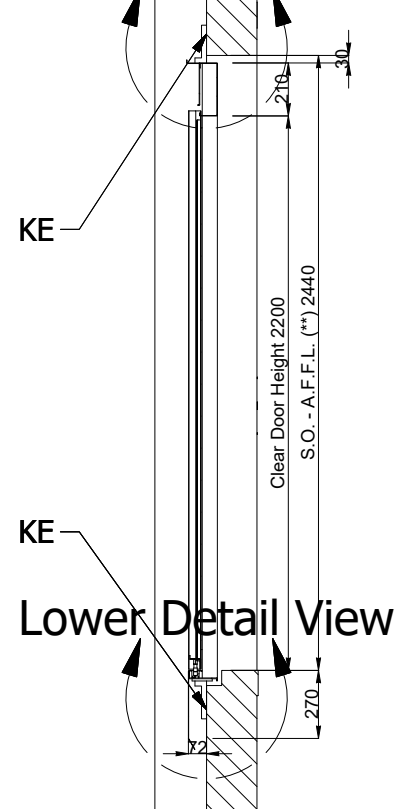
* LOPs and indicators shape is indicative. Please check the doors characteristics table for further details.
 **Structural Opening - Above Finished Floor Level



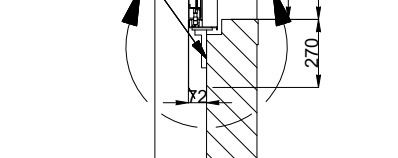
Project	House of Fraser London Lift 1 LH Core	Customer :	BYRNE LIFTS LTD
Lift Type :	ATLAS 2:1	Job Number	KL759108
Rated Load :	1000 Kg	Rev.	Drawing Creation Date
Levels :	6	Lang.	en_US
Passengers :	13	Page	11 / 17
			2023 / 10 / 17

Main Door at levels: G SCALE 1:30

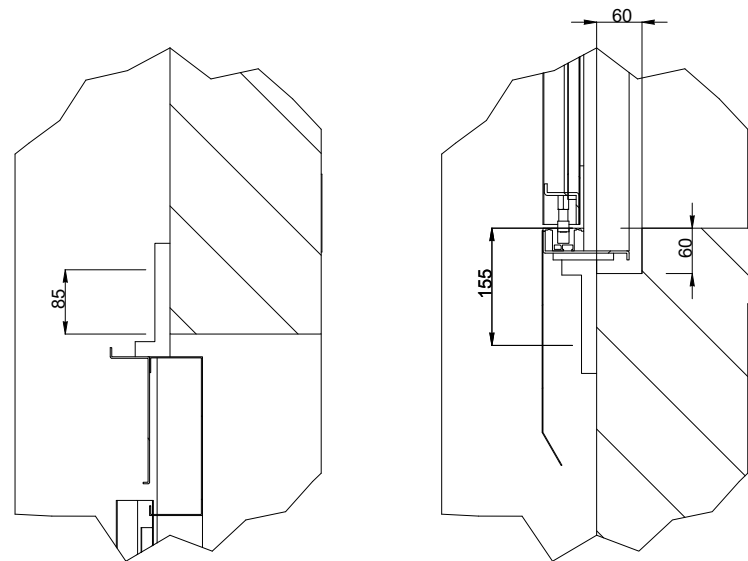
Upper Detail View



Lower Detail View

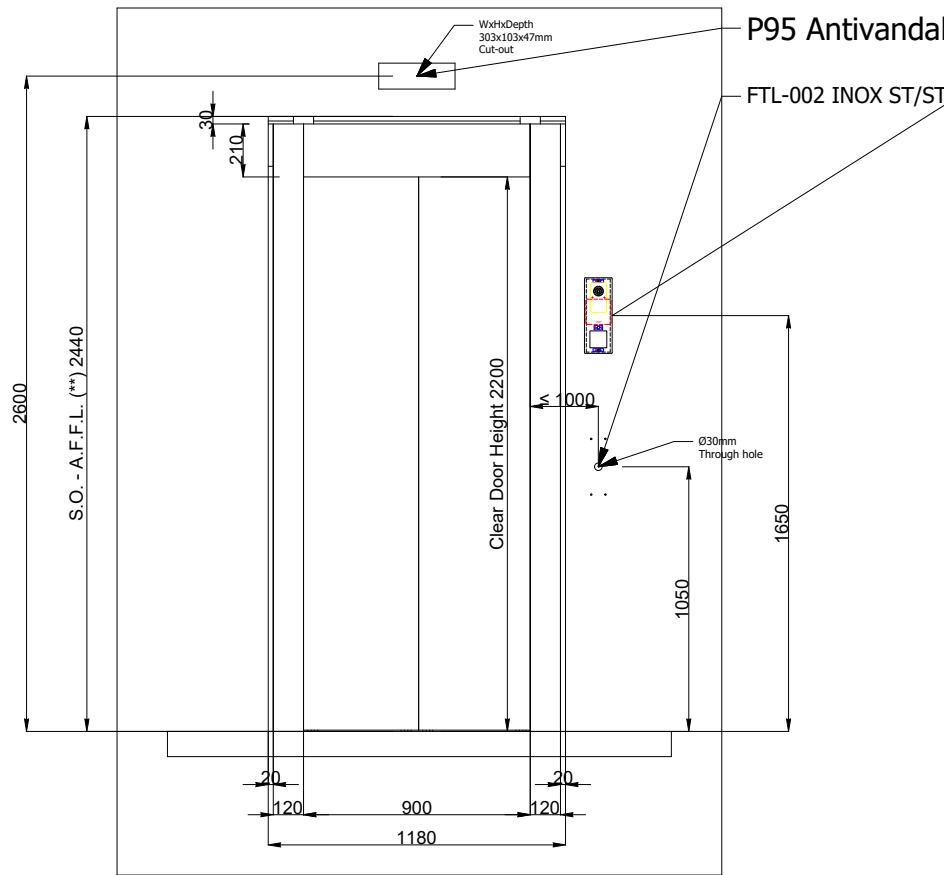


Section View

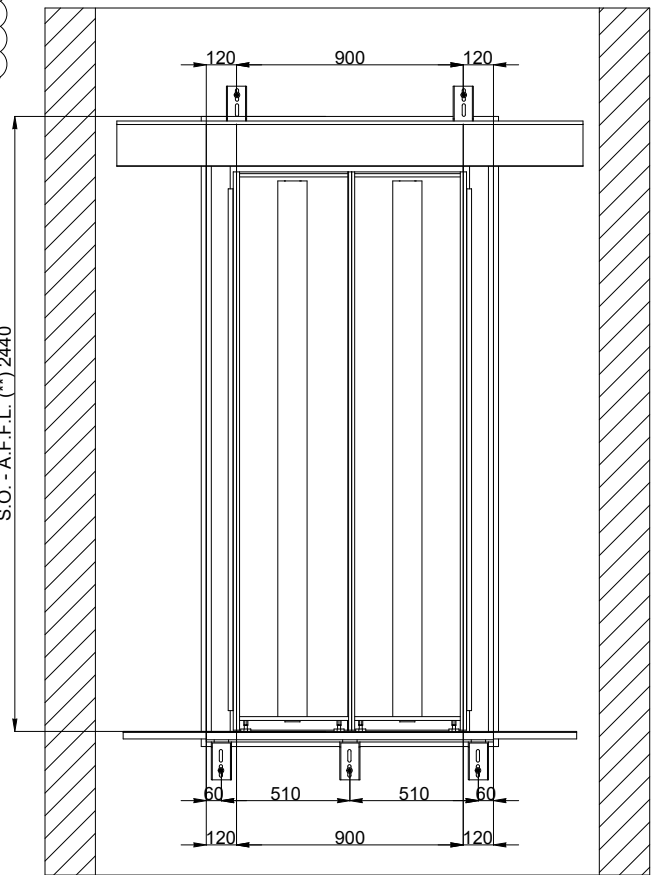
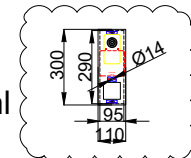


Upper Detail View

Lower Detail View



Outside View



Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

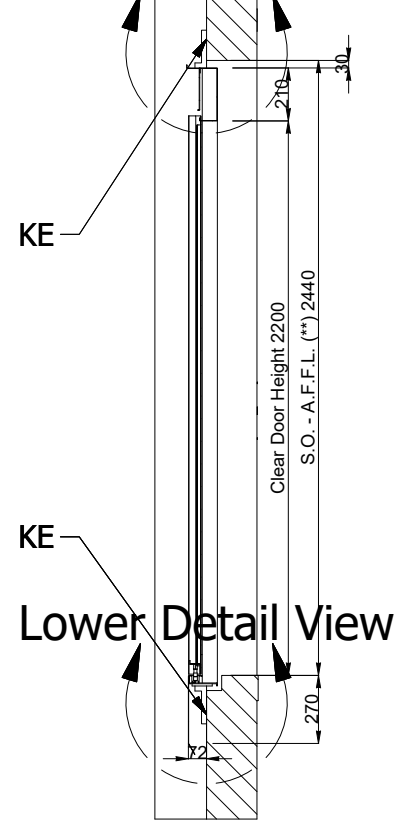
Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level

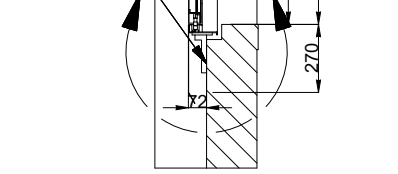
	Project	Customer :
	House of Fraser London Lift 1 LH Core	BYRNE LIFTS LTD
	Lift Type : ATLAS 2:1	Job Number
Rated Load : 1000 Kg	KL759108	Rev.
Levels : 6	Passengers : 13	Drawing Creation Date
		Lang.
		Page
		2023 / 10 / 17
		en_US
		12 / 17

Main Door at levels: 1 to 3 SCALE 1:30

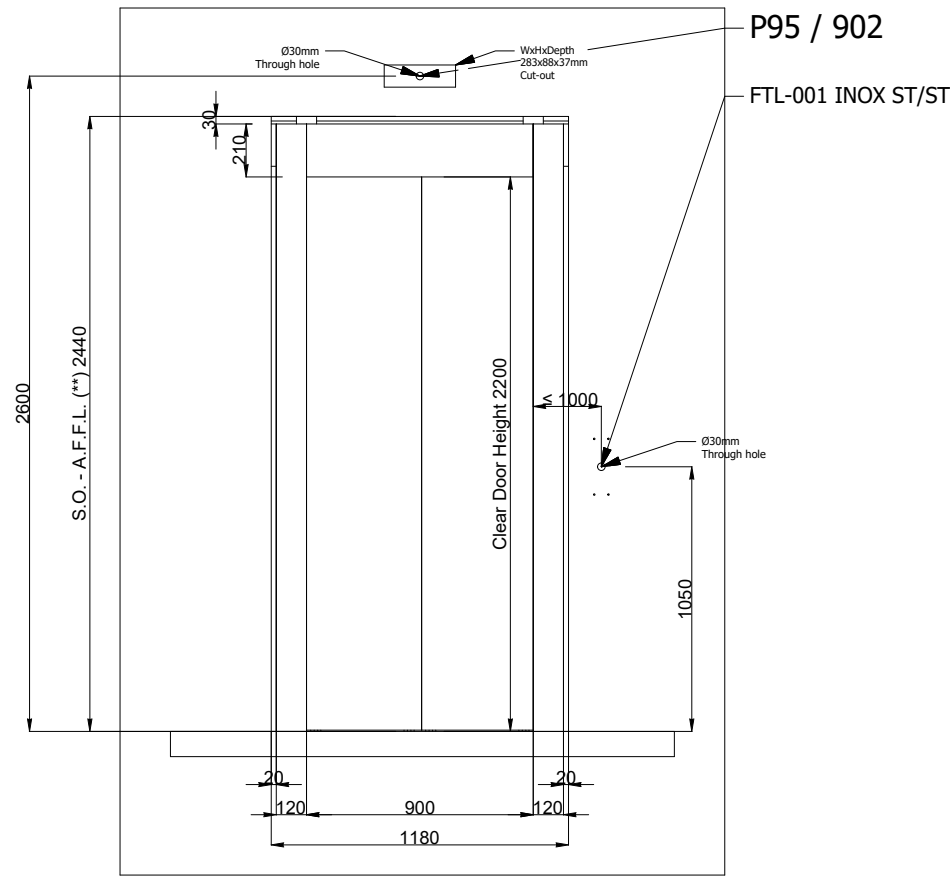
Upper Detail View



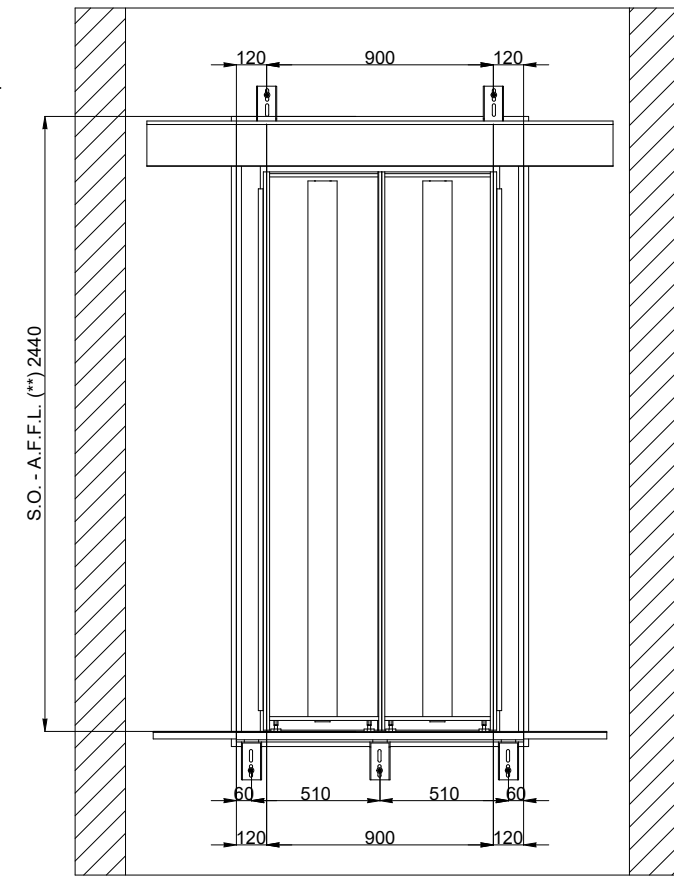
Lower Detail View



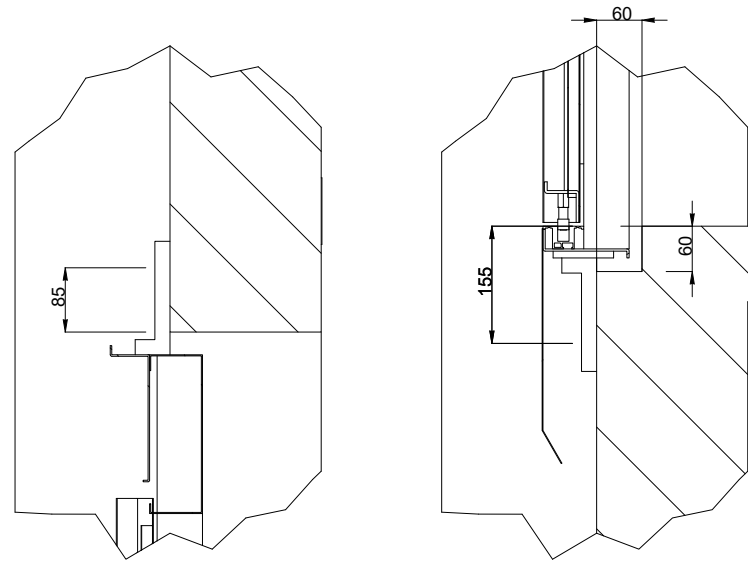
Section View



Outside View



Inside View




Upper Detail View

Lower Detail View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level



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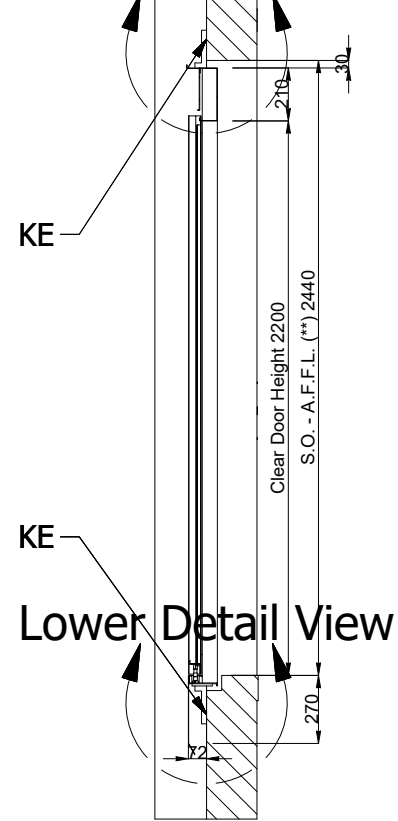
Project: House of Fraser London Lift 1 LH Core
Lift Type: ATLAS 2:1
Rated Load: 1000 Kg
Levels: 6

Customer: **BYRNE LIFTS LTD**
Job Number: **KL759108**

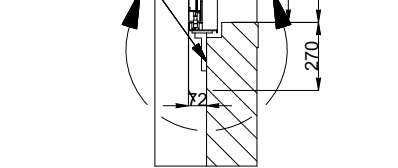
Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	13 / 17

Main Door at levels: 4 SCALE 1:30

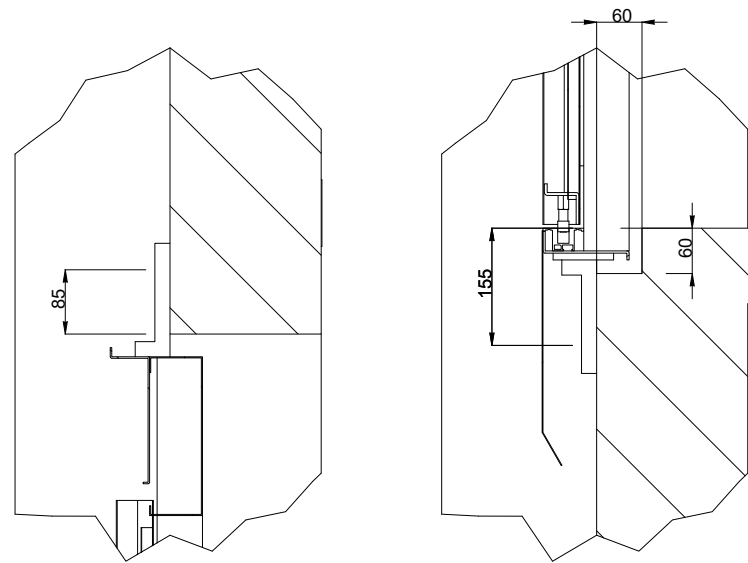
Upper Detail View



Lower Detail View

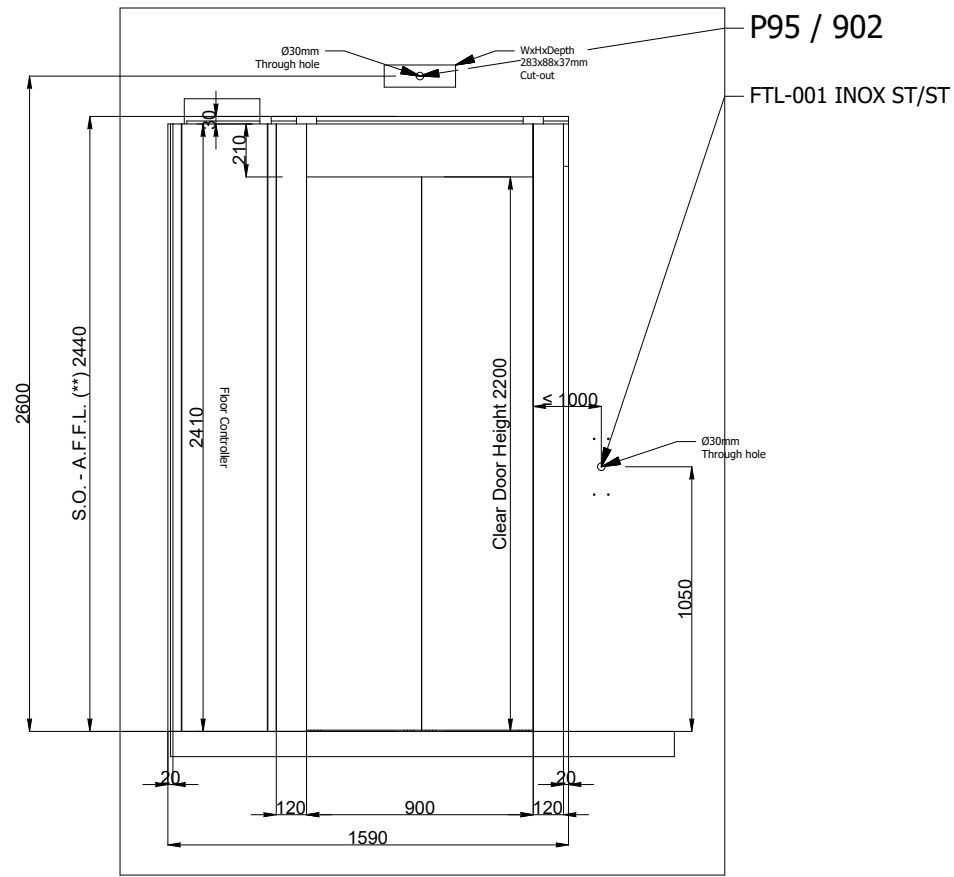


Section View

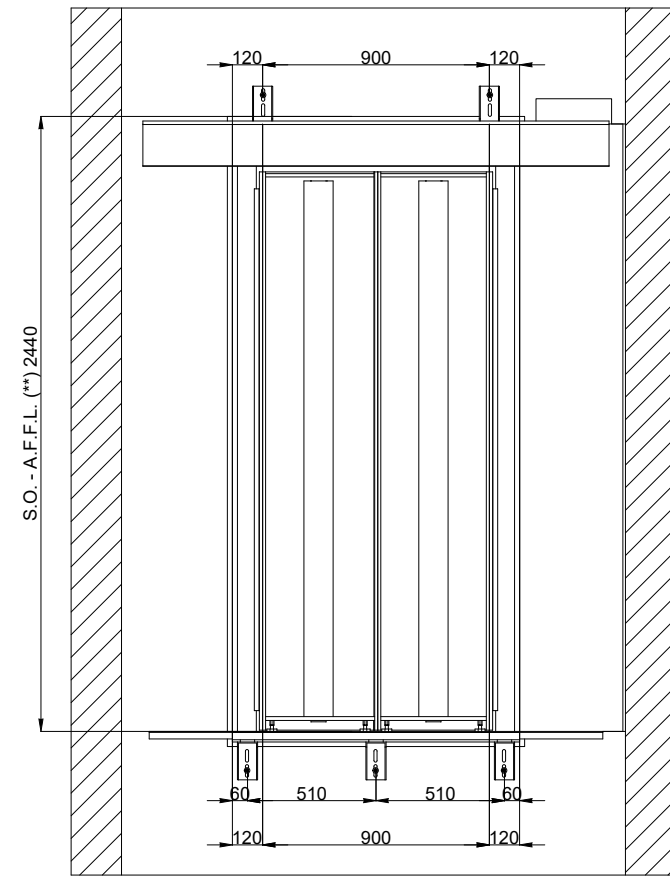


Upper Detail View

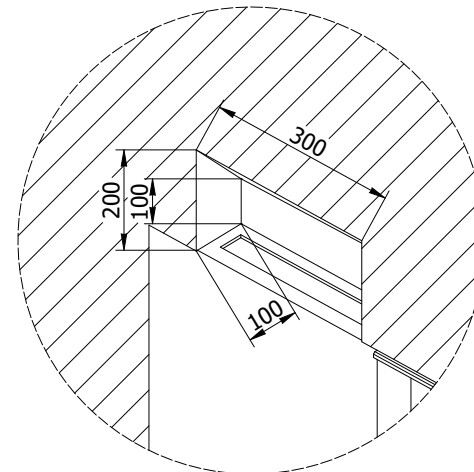
Lower Detail View



Outside View



Inside View



If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

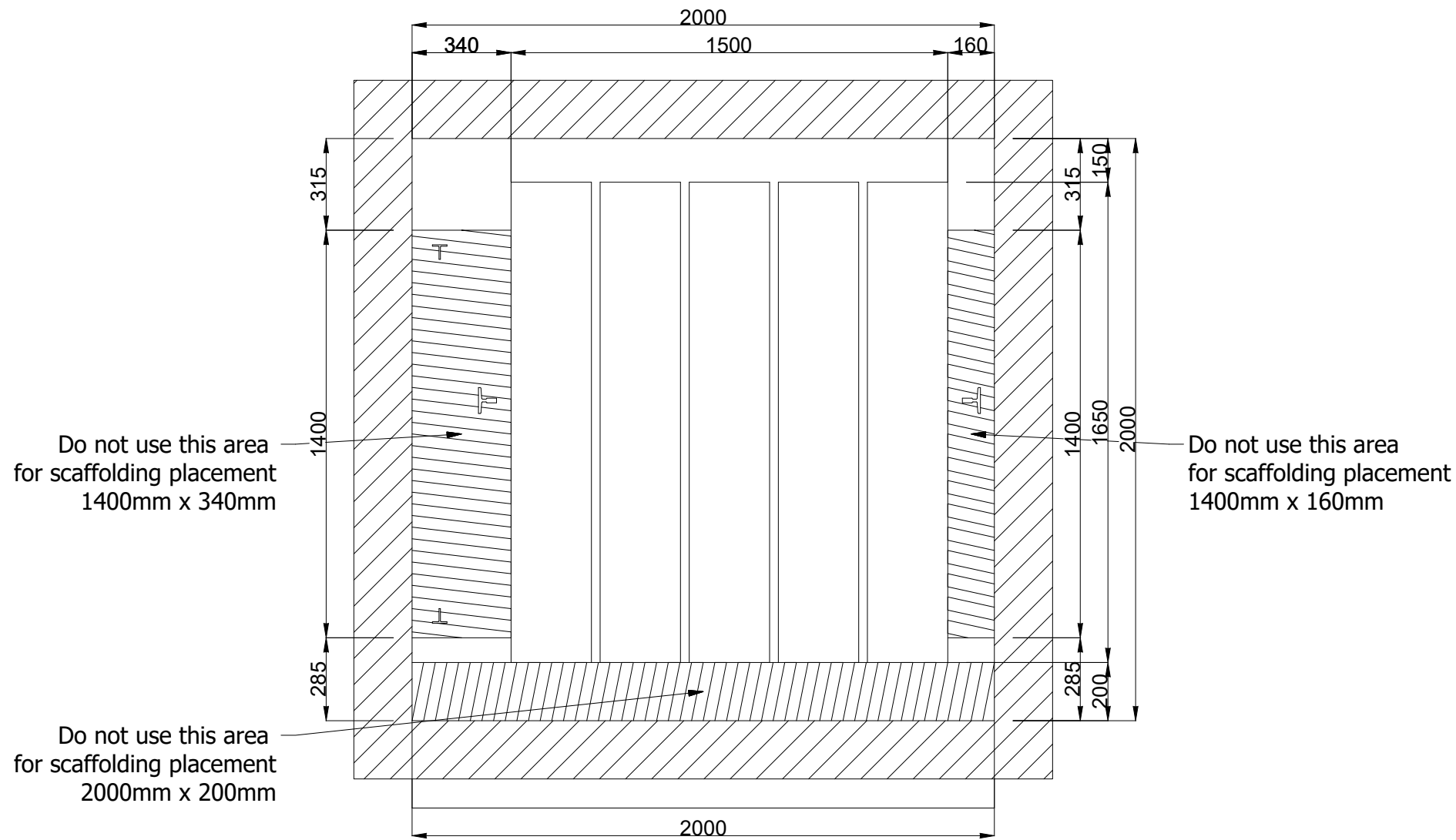
Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level

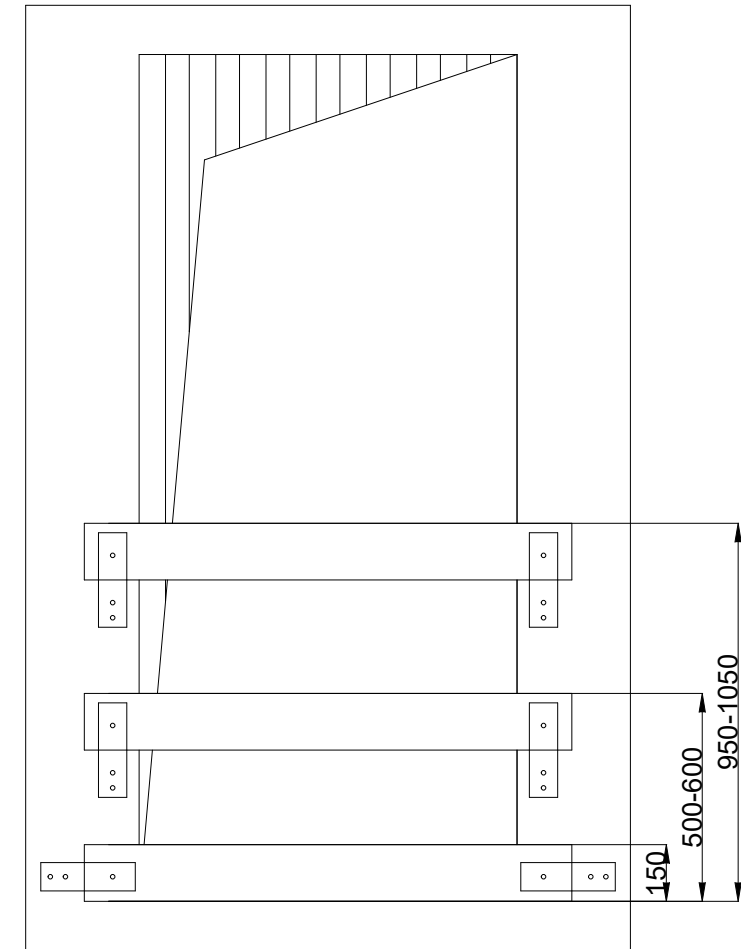


Project	Customer :
House of Fraser London Lift 1 LH Core	BYRNE LIFTS LTD
Lift Type : ATLAS 2:1	Job Number
Rated Load : 1000 Kg	KL759108
Levels : 6	Passengers : 13
2023 / 10 / 17	en_US 14 / 17

Scaffolding And Door Barrier SCALE 1:20



Shaft Door Barrier



The scaffolding dimensions are indicative.

The plan view with the scaffolding is a product of an automated study,
To be checked by the installation engineer before submitting the drawings to the builder

GENERAL MAIN CONTRACTORS NOTES FOR SCAFFOLDING

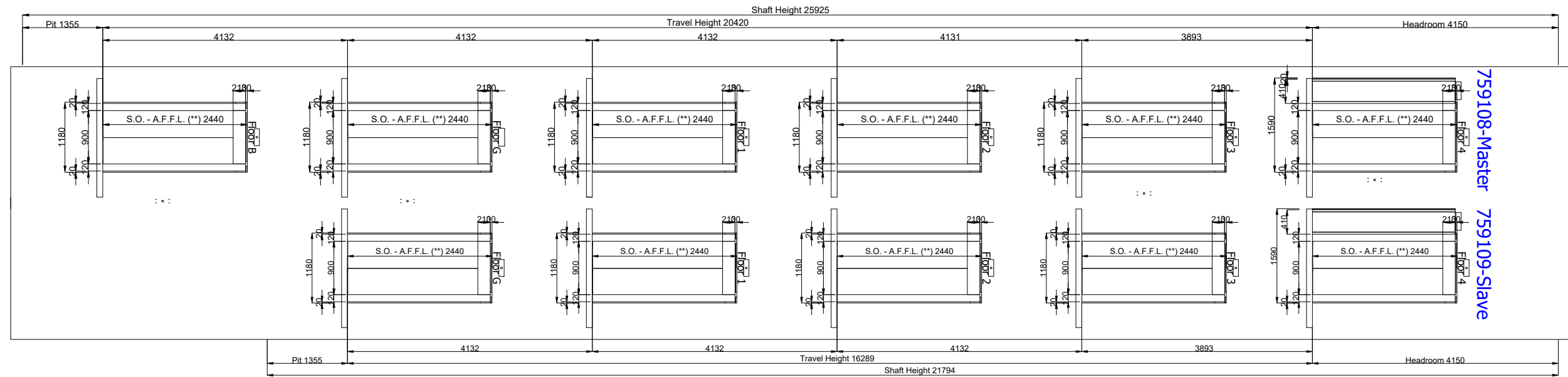
Provide and install suitable scaffolding with fixings, ladders and close guarding to a scaffolding provided by Lift Engineers, or alternatively to the lift engineers requirements to suit site specific issues, including disassembly and reassembly scaffolding phases.

Landing Protection By Principal Contractor

1. Principal Contractors to provide at each landing entrance a suitable landing entrance protection system as shown until Lift Contractors have completed the installation of all landing doors.
2. This protection must be able to withstand a load of 90KG applied from the landing on each barrier bar.

	Project		Customer :		
	House of Fraser London Lift 1 LH Core		BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1		Job Number		
Rated Load : 1000 Kg		KL759108			
Levels : 6		Rev.	Drawing Creation Date	Lang.	Page
Passengers : 13			2023 / 10 / 17	en_US	15 / 17

Elevations SCALE 1:80



Main Doors Elevations Face A

**Structural Opening - Above Finished Floor Level

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.

	Project	Customer :		
	House of Fraser London Lift 1 LH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
Rated Load : 1000 Kg	KL759108			
Levels : 6	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 13		2023 / 10 / 17	en_US	16 / 17

Miscellaneous Tables

Car's Brackets

#	Type	Altitude	Difference
1	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	500 mm	-
2	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	1400 mm	900 mm
3	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	2900 mm	1500 mm
4	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	4350 mm	1450 mm
5	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	5850 mm	1500 mm
6	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	7350 mm	1500 mm
7	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	8850 mm	1500 mm
8	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	10350 mm	1500 mm
9	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	11800 mm	1450 mm
10	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	13250 mm	1450 mm
11	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	14650 mm	1400 mm
12	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	16150 mm	1500 mm
13	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	17650 mm	1500 mm
14	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	19150 mm	1500 mm
15	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	20650 mm	1500 mm
16	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	22150 mm	1500 mm
17	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	23650 mm	1500 mm
18	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	24550 mm	900 mm
19	GB T75-T89 ATLAS 2:1 EN81.20 - WB ATLAS 2:1 (Complete)	25395 mm	845 mm

Counterweight's Brackets

#	Type	Altitude	Difference
1	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	500 mm	-
2	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	1400 mm	900 mm
3	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	2900 mm	1500 mm
4	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	4350 mm	1450 mm
5	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	5850 mm	1500 mm
6	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	7350 mm	1500 mm
7	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	8850 mm	1500 mm
8	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	10350 mm	1500 mm
9	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	11800 mm	1450 mm
10	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	13250 mm	1450 mm
11	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	14650 mm	1400 mm
12	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	16150 mm	1500 mm
13	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	17650 mm	1500 mm
14	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	19150 mm	1500 mm
15	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	20650 mm	1500 mm
16	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	22150 mm	1500 mm
17	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	23650 mm	1500 mm
18	ATLAS 2:1 COMBINATION BRACKET S=228 L=1420 DBG=1200 EN81.20	24525 mm	875 mm
19	ATLAS 2:1 EU Top Bracket	25455 mm	930 mm

Floors

#	Floor	Interfloor distance	Face A
6	4	-	X
5	3	3892 mm	X
4	2	4132 mm	X
3	1	4132 mm	X
2	G	4132 mm	X
1	B	4132 mm	X
		Sum: 20420 mm	Sum: 6

Mounting Parts

Type	Length	Quantity
Lifting Beam	By the customer	3

Main Guide

Type	Quantity	Length
Cuttet Up	2	3075 mm
Compleat	2	2500 mm
Compleat	8	5000 mm

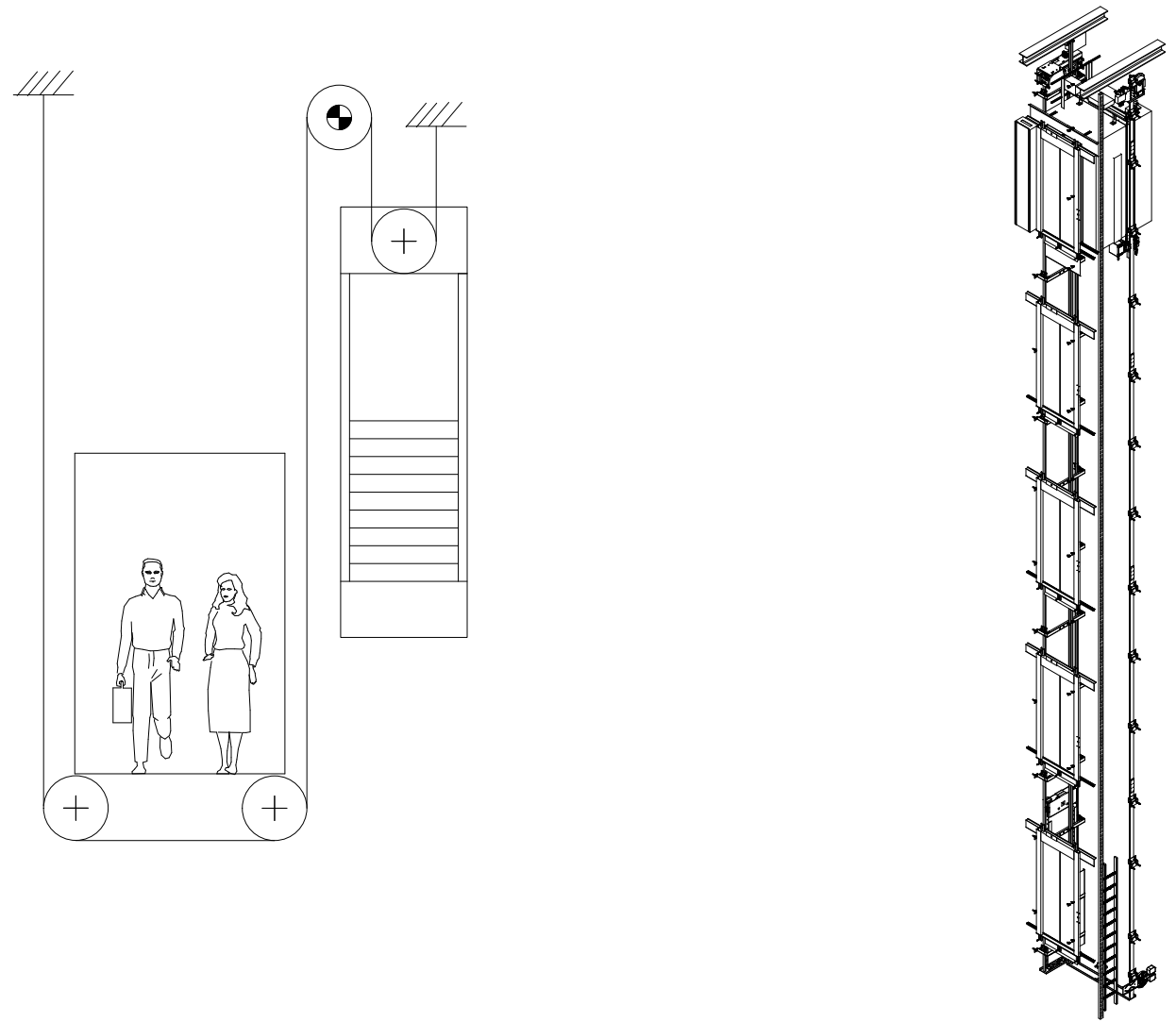
Secondary Rail

Type	Quantity	Length
Cuttet Up	2	4955 mm
Compleat	8	5000 mm




Project		Customer :	
House of Fraser London Lift 1 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759108	
Levels : 6	Passengers : 13	Rev.	Lang. Page
		Drawing Creation Date	en_US 17 / 17
		2023 / 10 / 17	

TOLERANCES		
	Width\Depth	Vertical
Shaft Height ≤ 15m	-0/+20mm	±20mm
15m < Shaft Height ≤ 30m	-0/+25mm	±30mm
Shaft Height > 30m	-0/+30mm	±30mm
Door Position ±10mm		



- Summary:
- Page 01. Technical Specifications
 - Page 02. Pit and Headroom Plan View
 - Page 03. Different Landing Plan Views
 - Page 04. Lifting Accessories and Pit Forces
 - Page 05. Forces On The Wall Of Header
 - Page 06. Builder's Views
 - Page 07. Shaft Vertical Sections
 - Page 08. Pit And Headroom Details(1)
 - Page 09. Pit And Headroom Details(2)
 - Page 10. Electrical Boxes at Headroom
 - Page 11. Main Door at levels: G
 - Page 12. Main Door at levels: 1 to 3
 - Page 13. Main Door at levels: 4
 - Page 14. Scaffolding And Door Barrier
 - Page 15. Elevations
 - Page 16. Miscellaneous Tables

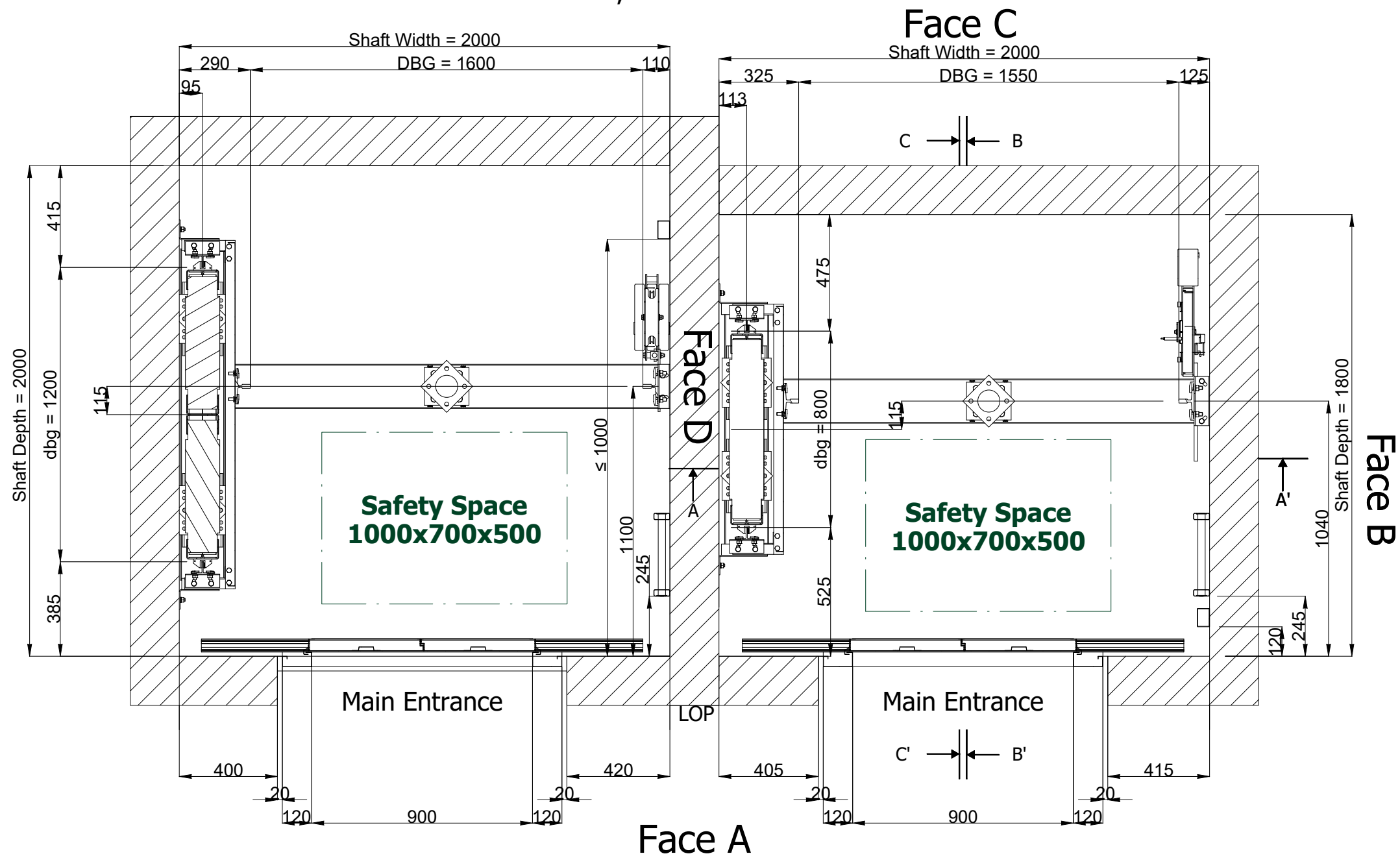
TECHNICAL SPECIFICATIONS OF COMPLETE TRACTION LIFT PACKAGE					
Suspension : 2:1		DBG : 1550 mm	dbg : 800 mm	Car Buffer : OLEO LSB 16	
Car Travel : 16528 mm		Counterweight Guides : 50x50x5/cold draw		Tension Pulley Type : Tensioner KLT-R Ø235 (1x25kg) 81.20	
Rated Load : 1000 kg		Steel Wire - Ropes : 8 x 6.5 mm		Main Door : 2-P Central	
Car Speed : 1,6 m/sec		Motor Type : ZIEHL-ABEGG SM200.30D		Rear Door : Doesn't Exist	
Voltage : 3phase-400V		Nominal Power : 12,8 kW		Left Door : Doesn't Exist	
Levels : 5		Nominal Current : 18,5 A	Starting Current : 30,4 A	Right Door : Doesn't Exist	
Machine Room : mrl		Car Dims : 1380 x 1490 x 2300 mm		Motor Frequency : 50 Hz	
Car Guides Rails : 89x62x16/machined		Door(s) Weight : 84 kg		Job Number KL759109	
Responsible Dept. Engineering dept.	Technical Reference Malakoudis A.	Created By MICHAILIDOU ELISAVET	Approved By	Document Type Elevator Plan	Document Status Final
		Project House of Fraser London Lift 2 LH Core		Customer : BYRNE LIFTS LTD	
		Lift Type : ATLAS 2:1		Reference Number No	
		Rated Load : 1000 Kg	Levels : 5		Passengers : 12
Rev.	Drawing Creation Date	Lang.	Page		
	2023 / 10 / 17	en_US	1 / 16		

SHAFT, Plan View SCALE 1:20


759108-Master

759109-Slave

PIT, Plan View

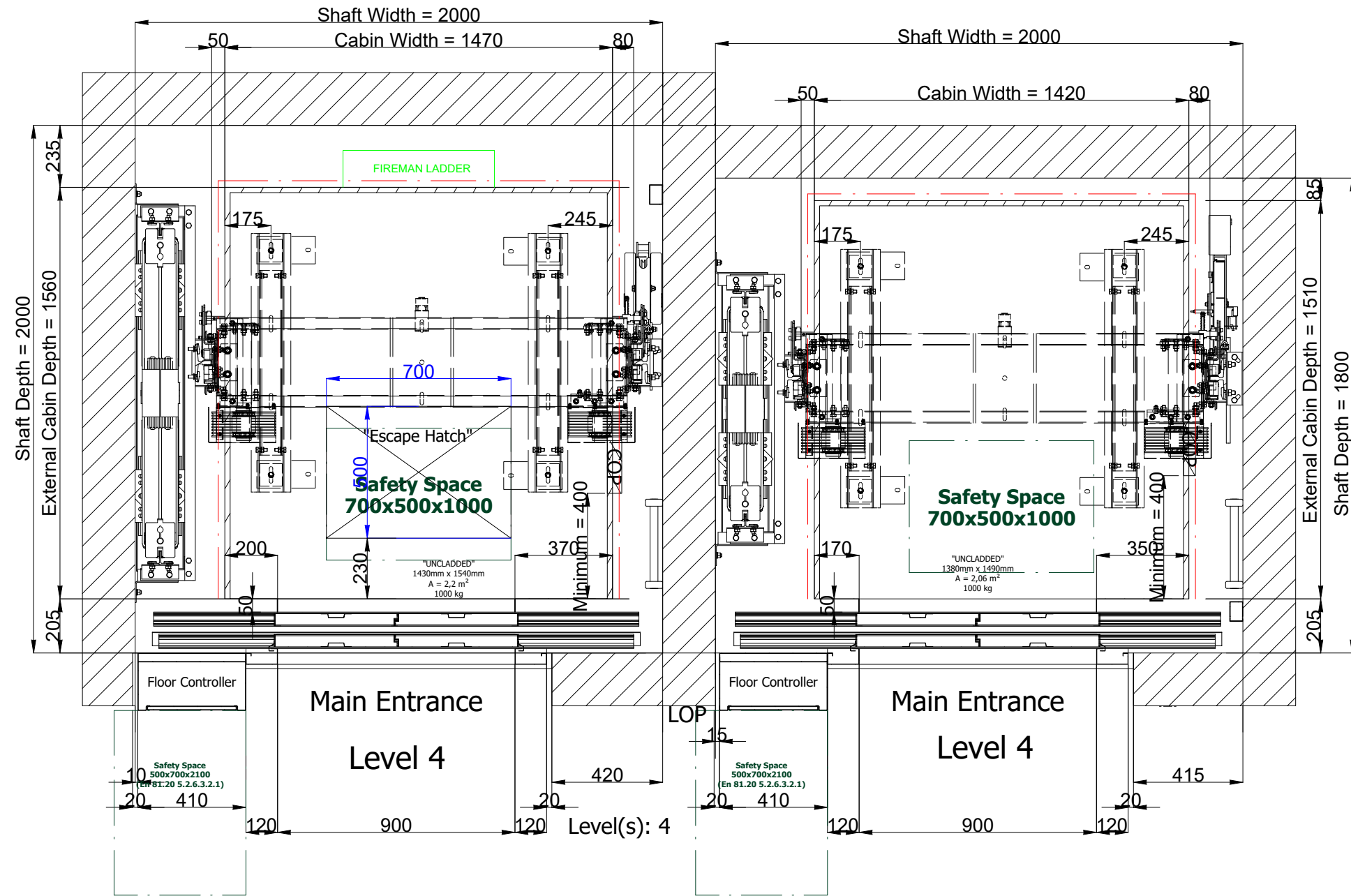


The Pit plan view depicts the shaft at the altitude of the landing 'G' with the cabin at a higher landing.
 The Headroom plan view depicts the shaft at the altitude of the landing '4' with the cabin at that landing.


 <p>KLEEMANN Your 1st Choice in Lifts</p>		Project		Customer :	
		House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Rated Load : 1000 Kg		Job Number	
Levels : 5		Passengers : 12		KL759109	
Rev.	Drawing Creation Date	Lang.	Page		
	2023 / 10 / 17	en_US	2 / 16		

Different Landing Plan Views SCALE 1:20

759108-Master Headroom View 759109-Slave

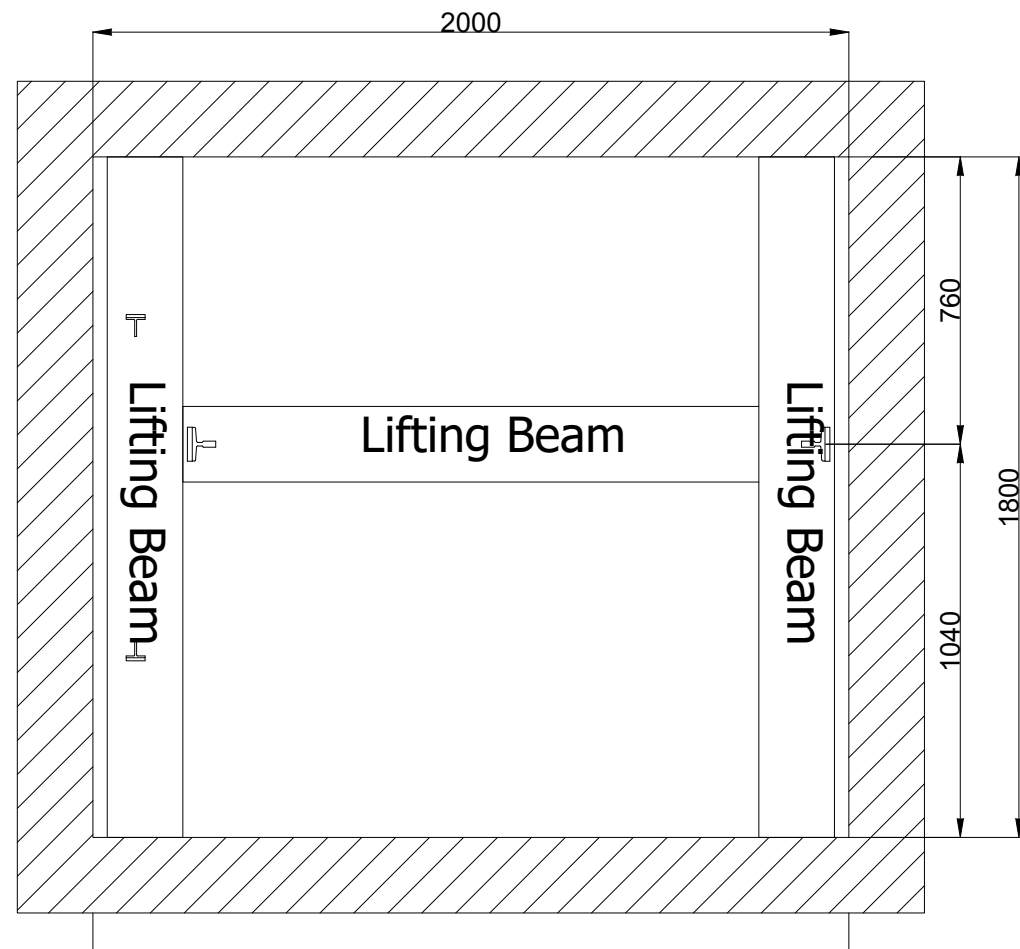


Each of the above landings, depicts what someone would see while looking from the level of the first appearance of that landing. In each landing, only the dimensioned doors are active. (See front elevation page(s))

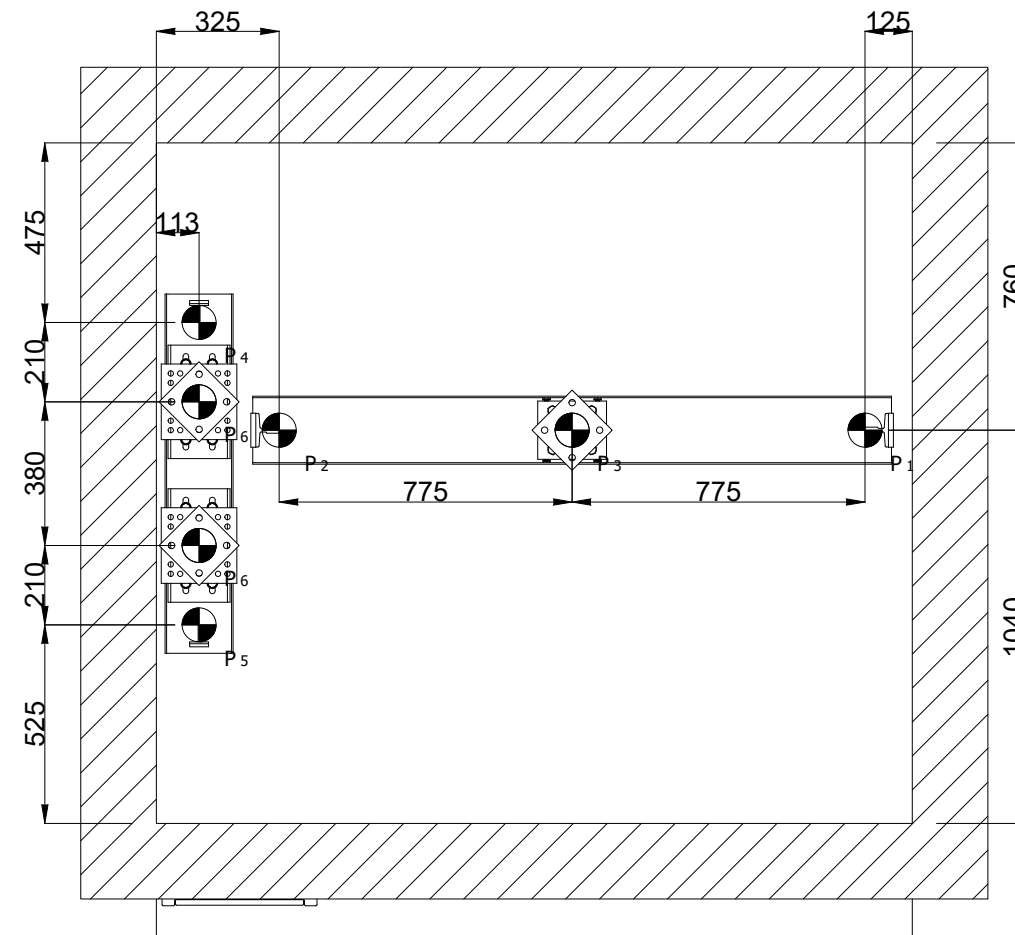
 <p>KLEEMANN Your 1st Choice in Lifts</p>		Project		Customer :	
		House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Rated Load : 1000 Kg		Job Number	
Levels : 5		Passengers : 12		KL759109	
Rev.	Drawing Creation Date	Lang.	Page		
	2023 / 10 / 17	en_US	3 / 16		

Lifting Accessories and Pit Forces SCALE 1:20

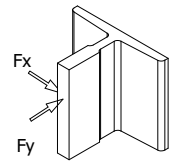
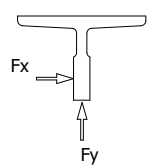
Headroom View

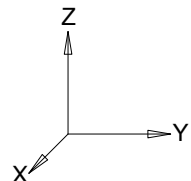


Forces on the Pit



PIT FORCES	
P1	28000 N
P2	43000 N
P3	83000 N
P4	19000 N
P5	22000 N
P6	63000 N
Guide Rail Forces	
Fx	1864 N
Fy	2729 N



Any information presented about lifting beams or hooks is indicative.
KLEEMANN shall not be considered responsible for the actual ones used on site.



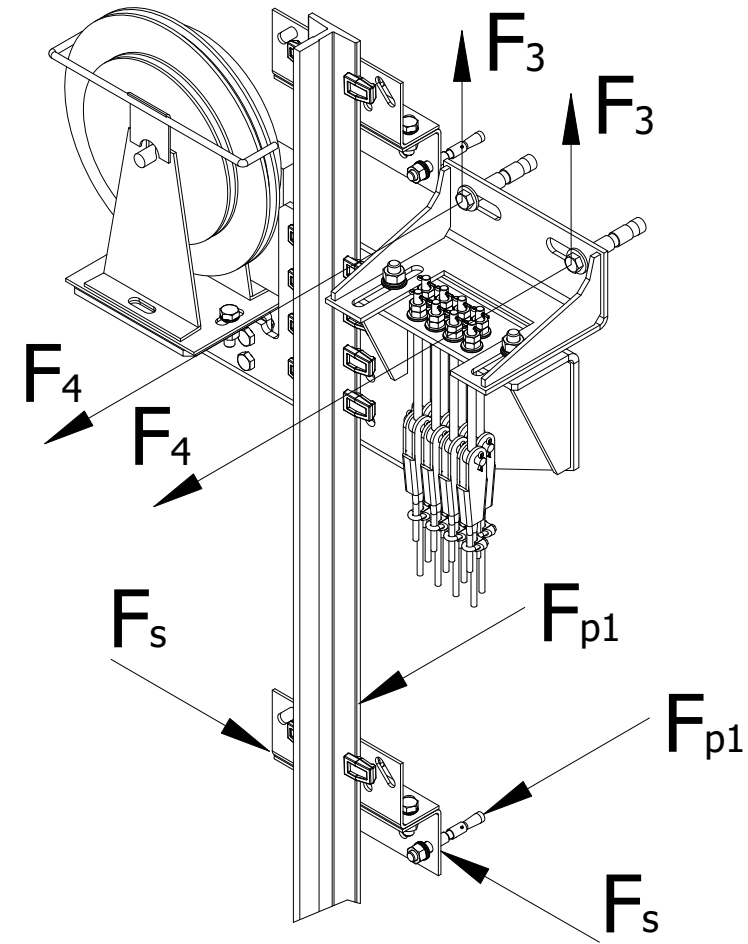
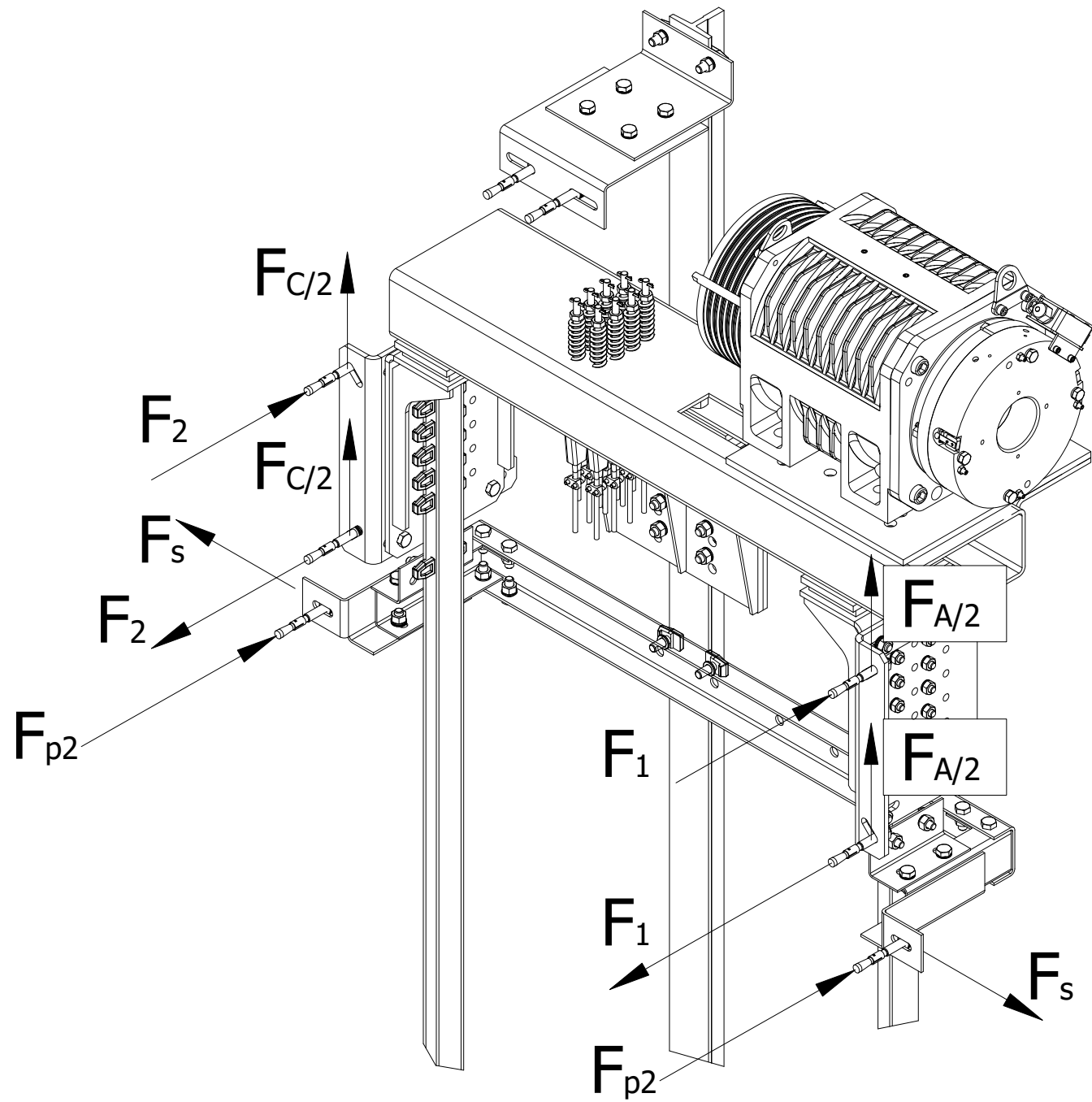
Project :
House of Fraser London Lift 2 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 5

Customer :
BYRNE LIFTS LTD
Job Number
KL759109


Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	4 / 16

Passengers : 12

Forces On The Wall Of Header



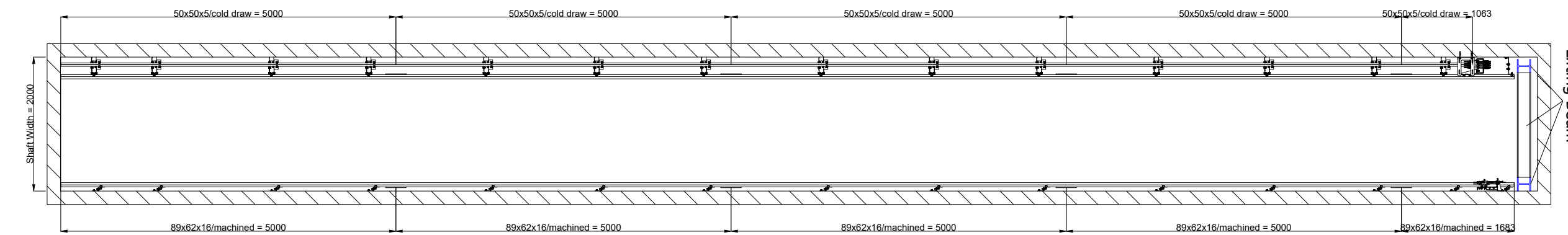
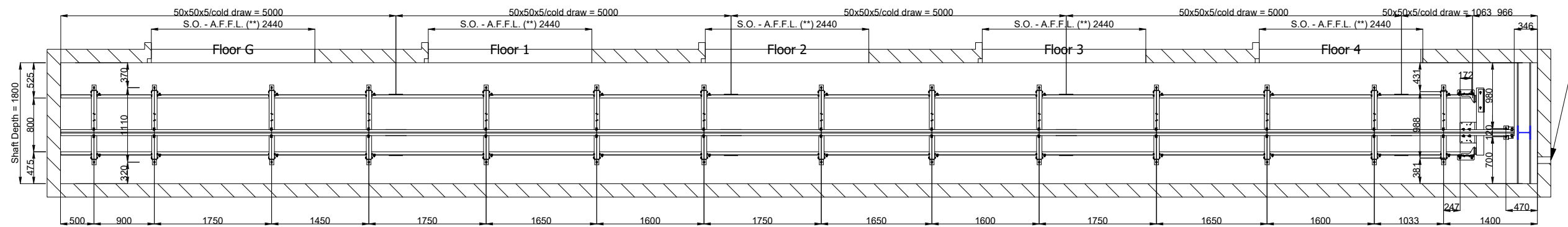
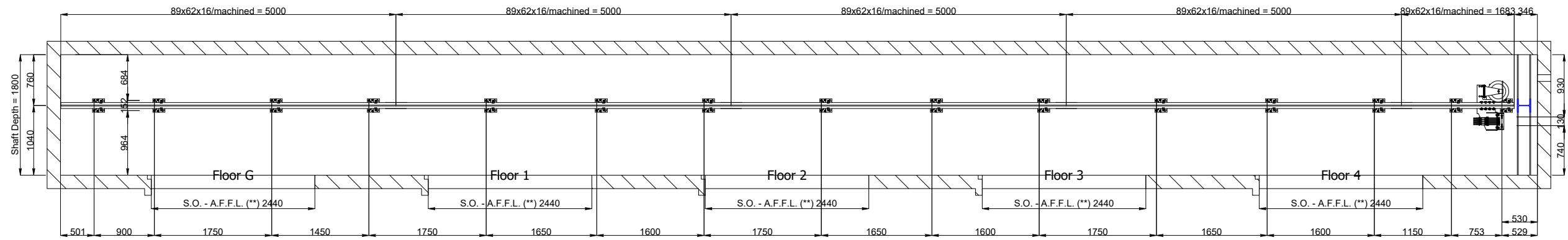
Forces On The Wall Of Header	
F1	6500 N
F2	4500 N
F3	1000 N
F4	1500 N
FA	10400 N
FC	8600 N
Fp1	2800 N
Fp2	600 N
Fs	1860 N




KLEEMANN
Your 1st Choice in Lifts

Project		Customer :	
House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759109	
Levels : 5	Passengers : 12	Rev.	Page
		Drawing Creation Date	Lang.
		2023 / 10 / 17	en_US
			5 / 16

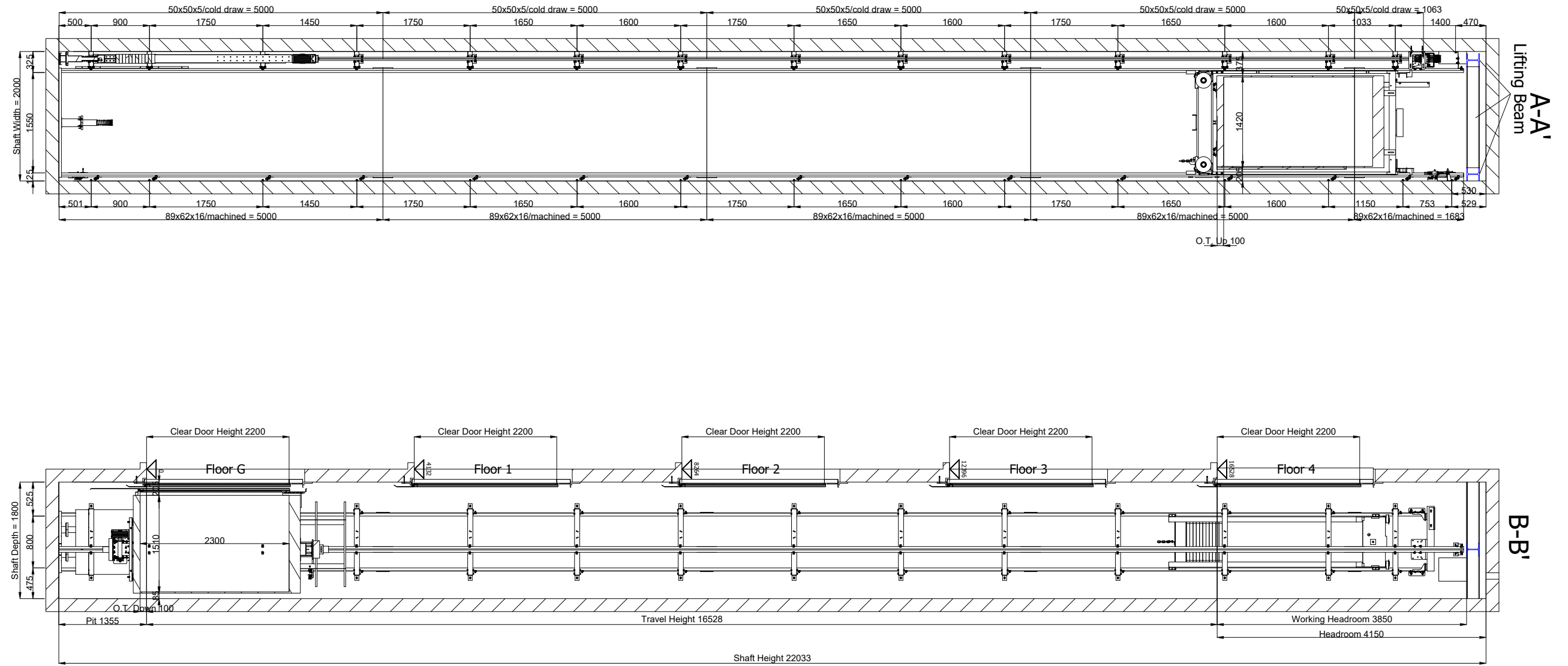
Builder's Views SCALE 1: 70




**Structural Opening - Above Finished Floor Level

 KLEEMANN Your 1 st Choice in Lifts	Project	Customer :		
	House of Fraser London Lift 2 LH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
Rated Load : 1000 Kg	KL759109			
Levels : 5	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12		2023 / 10 / 17	en_US	6 / 16

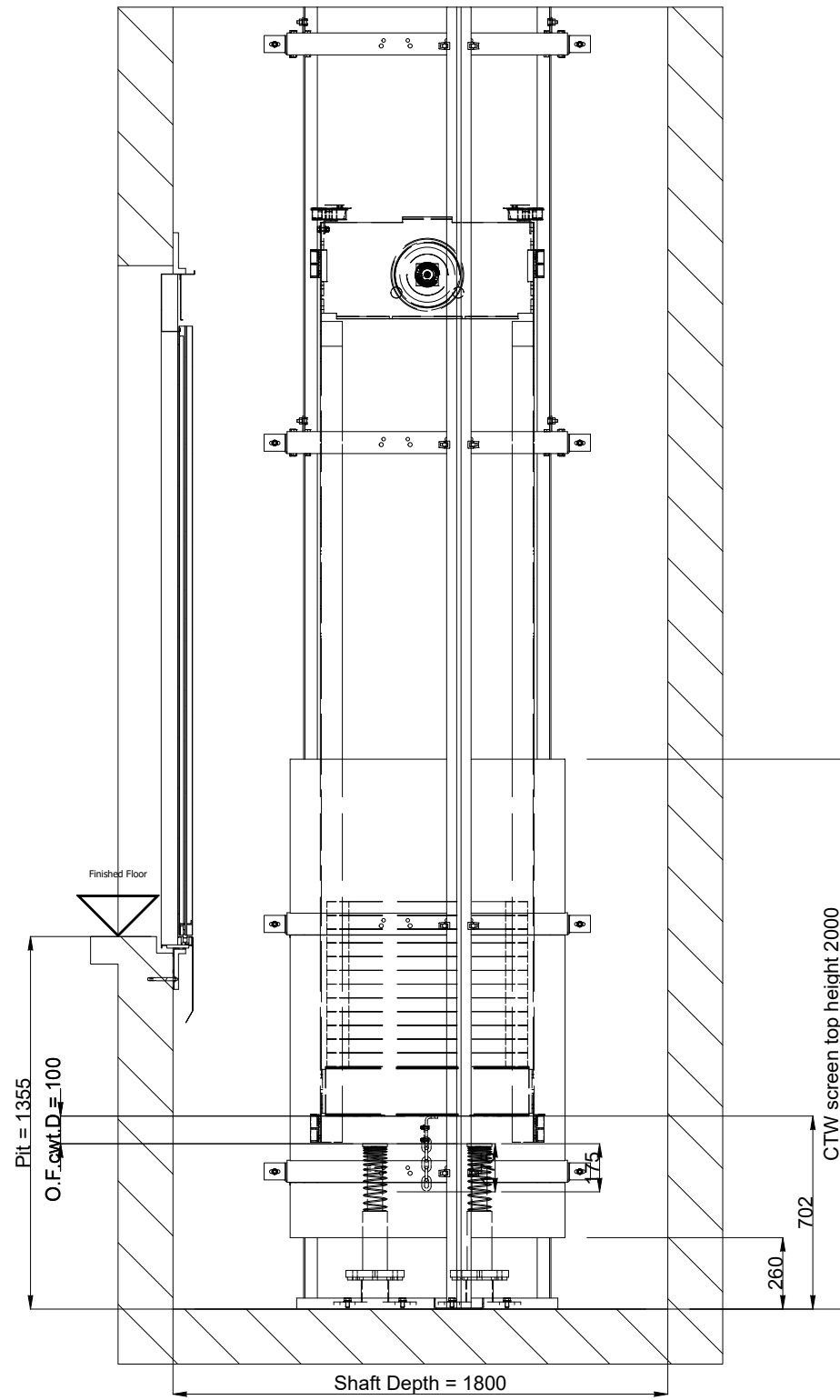
Shaft Vertical Sections SCALE 1:70



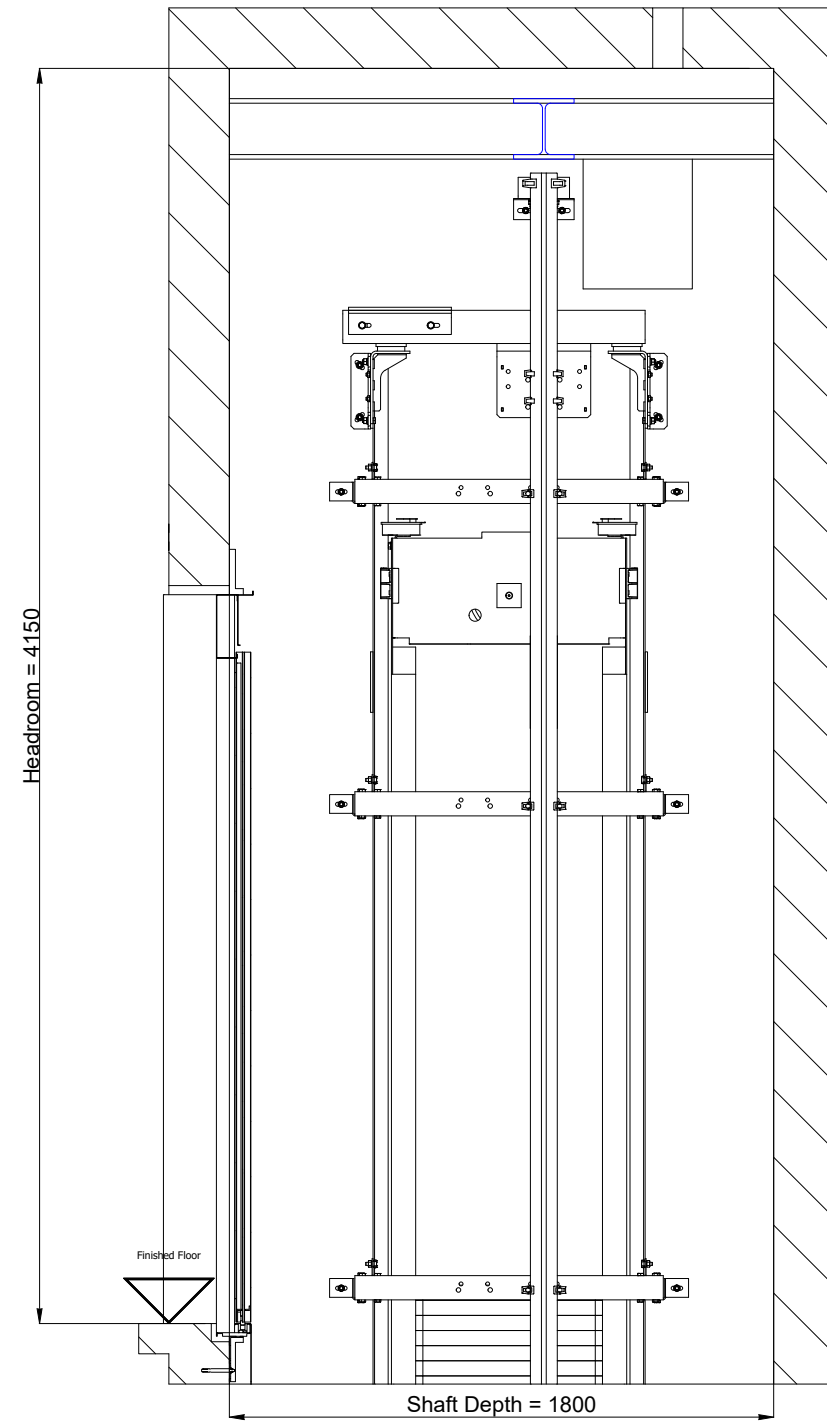
 KLEEMANN Your 1 st Choice in Lifts	Project		Customer :		
	House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1		Job Number		
	Rated Load : 1000 Kg		KL759109		
Levels : 5		Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12			2023 / 10 / 17	en_US	7 / 16

Pit And Headroom Details(2) SCALE 1:25

Pit Detail



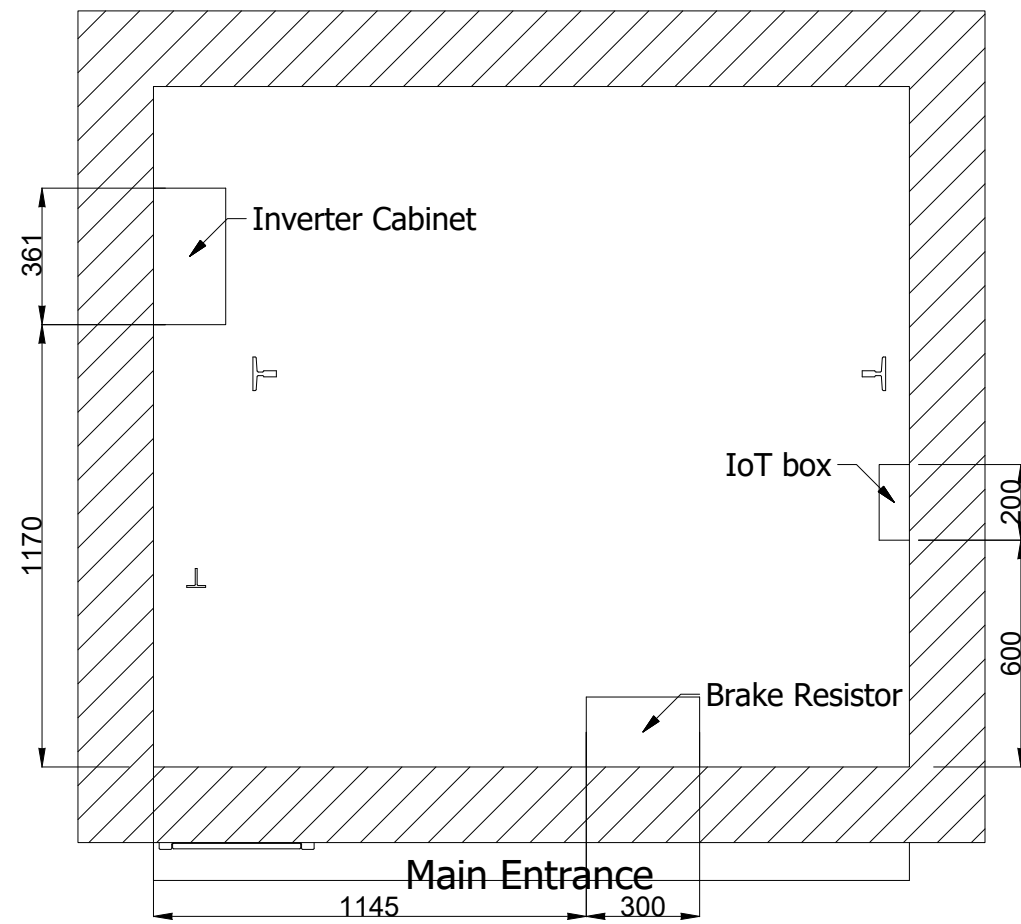
Headroom Detail



Project		Customer :	
House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759109	
Rev.	Drawing Creation Date	Lang.	Page
Levels : 5	2023 / 10 / 17	en_US	9 / 16
Passengers : 12			

Electrical Boxes at Headroom SCALE 1:20

Headroom Electrical Boxes View



Headroom Electrical Boxes Characteristics					
Box	Type	Distance from Headroom	Length	Depth	Height
Inverter Cabinet	4CS	300 mm	361 mm	191 mm	429 mm
Brake Resistor	-	300 mm	300 mm	185 mm	230 mm
IoT box	-	600 mm	200 mm	80 mm	150 mm



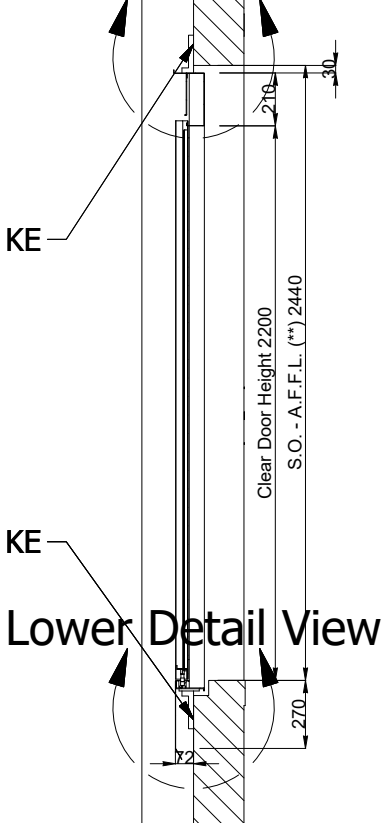
Project
House of Fraser London Lift 2 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 5
Passengers : 12

Customer :
BYRNE LIFTS LTD
Job Number
KL759109

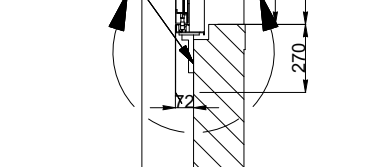
Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	10 / 16

Main Door at levels: G SCALE 1:30

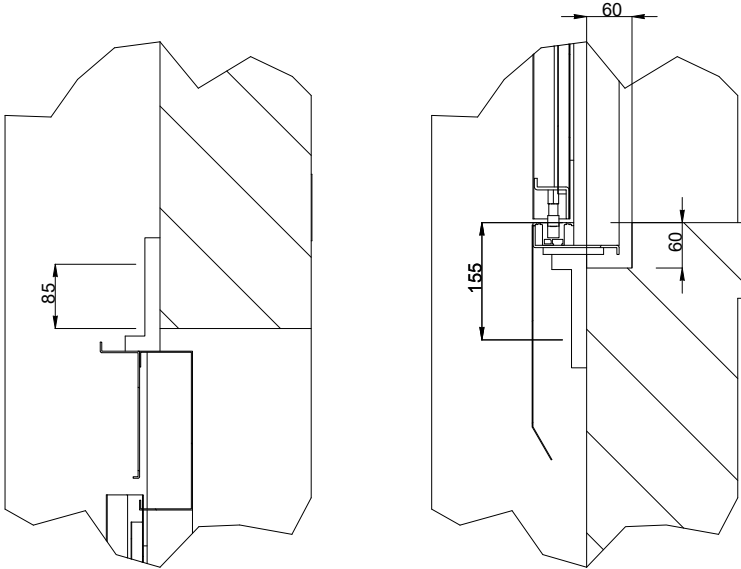
Upper Detail View



Lower Detail View

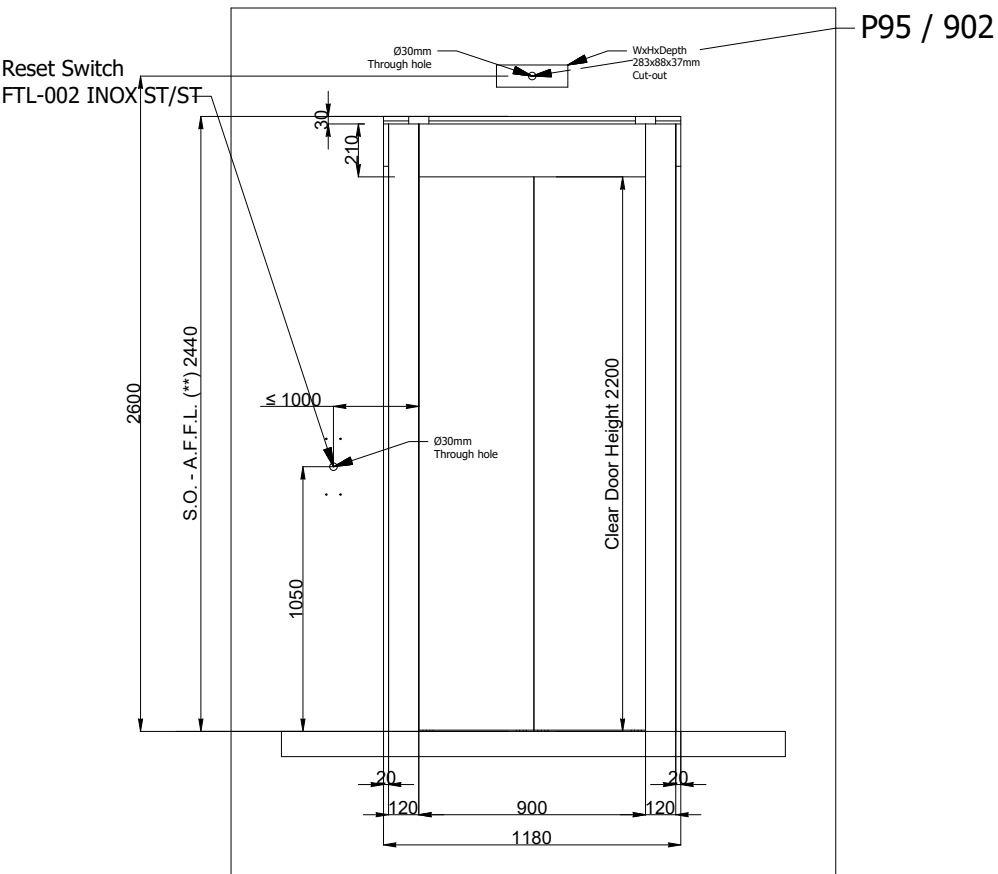


Section View

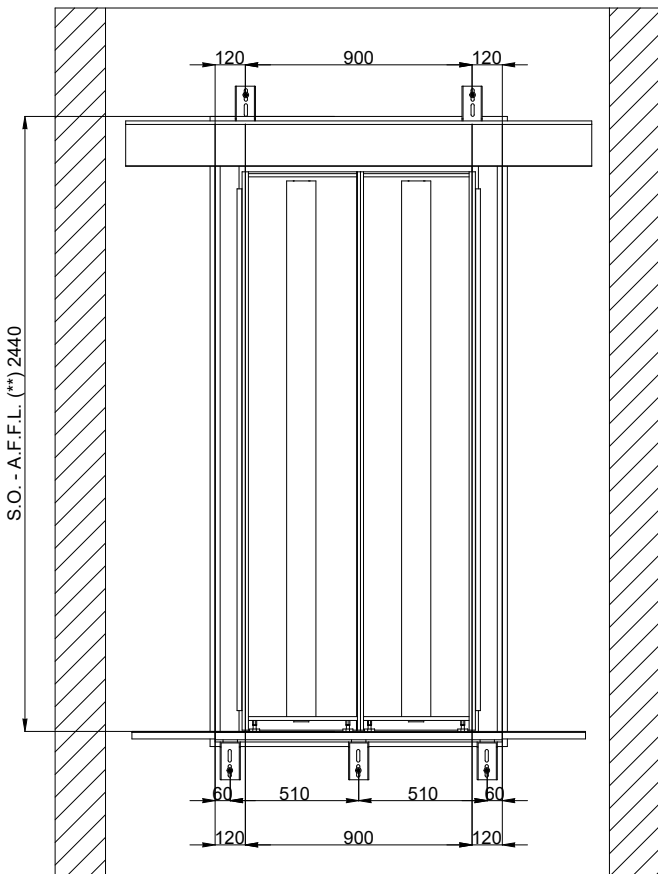


Upper Detail View

Lower Detail View



Outside View




Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

* LOPs and indicators shape is indicative. Please check the doors characteristics table for further details.
 **Structural Opening - Above Finished Floor Level



KLEEMANN
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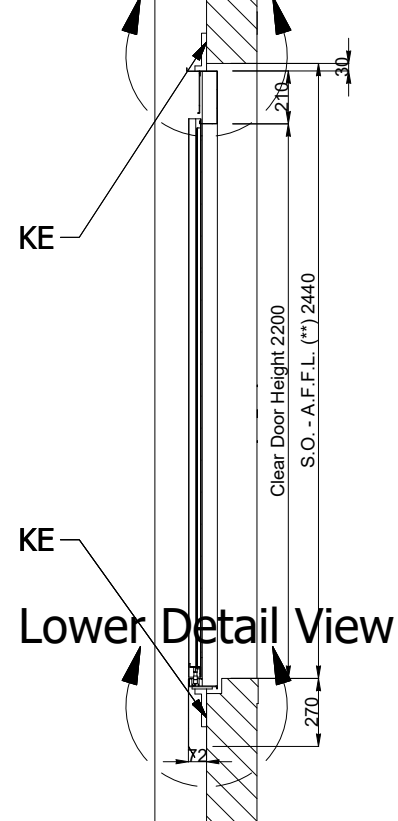
Project: House of Fraser London Lift 2 LH Core
 Lift Type : ATLAS 2:1
 Rated Load : 1000 Kg
 Levels : 5

Customer : **BYRNE LIFTS LTD**
 Job Number : **KL759109**

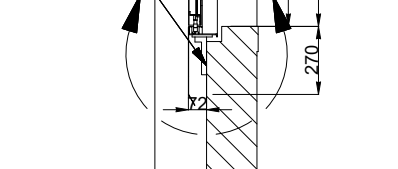
Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	11 / 16

Main Door at levels: 1 to 3 SCALE 1:30

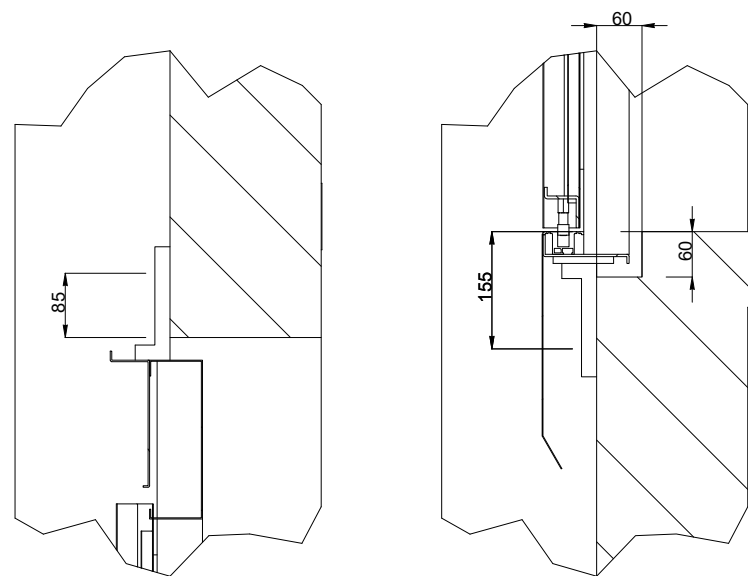
Upper Detail View



Lower Detail View

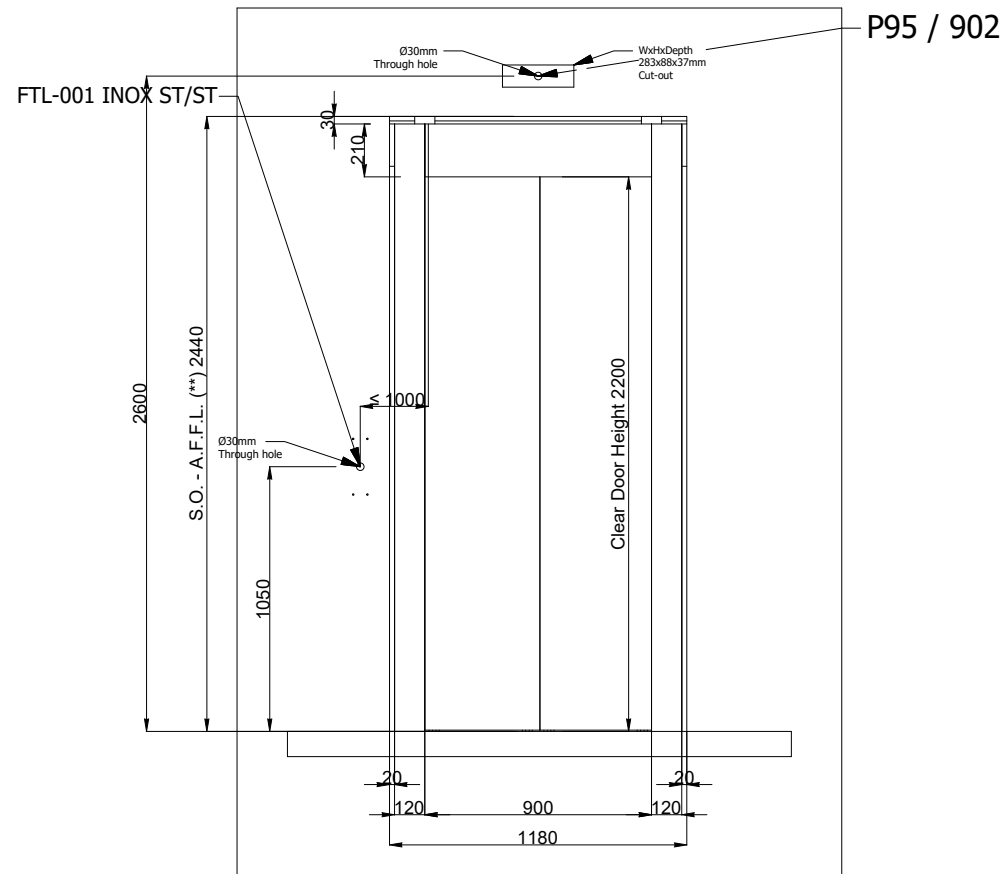


Section View

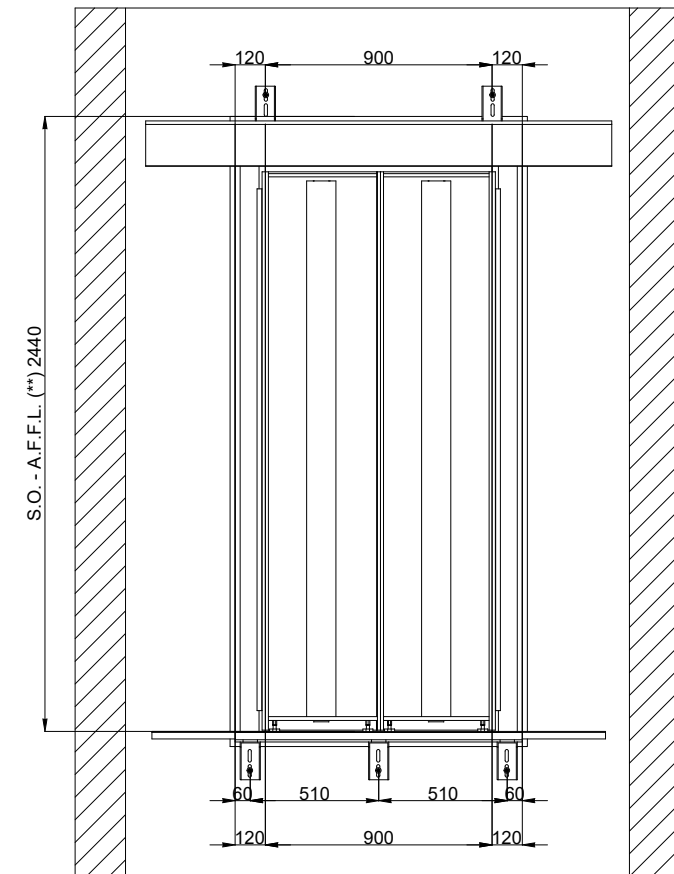


Upper Detail View

Lower Detail View



Outside View



Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

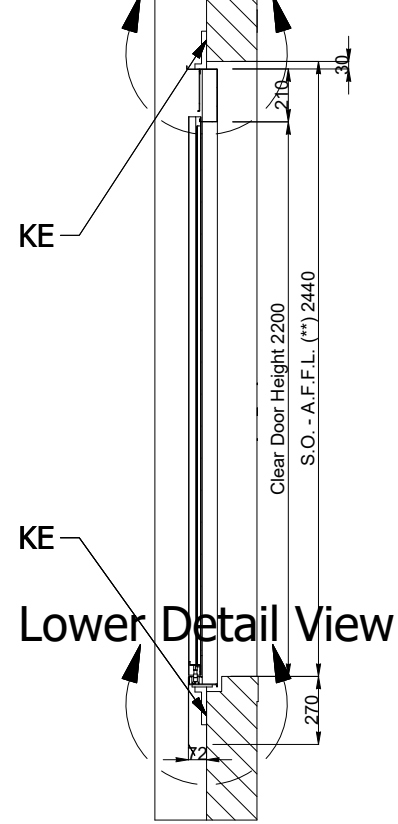
* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level



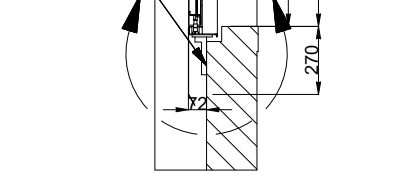
Project		Customer :	
House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759109	
Levels : 5	Passengers : 12	Rev.	Page
		Drawing Creation Date	Lang.
		2023 / 10 / 17	en_US
			12 / 16

Main Door at levels: 4 SCALE 1:30

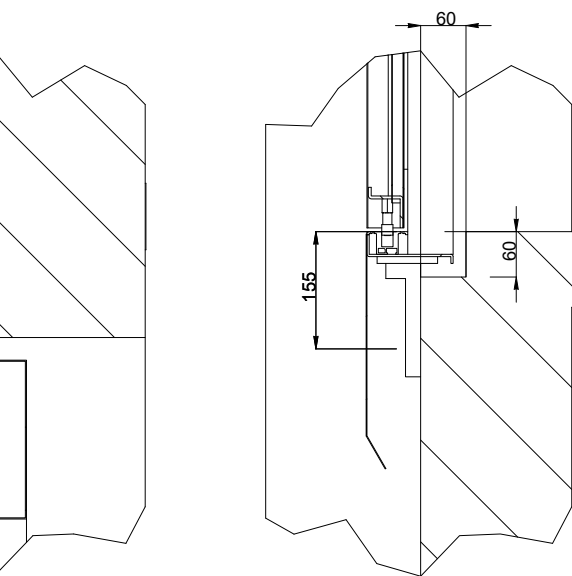
Upper Detail View



Lower Detail View



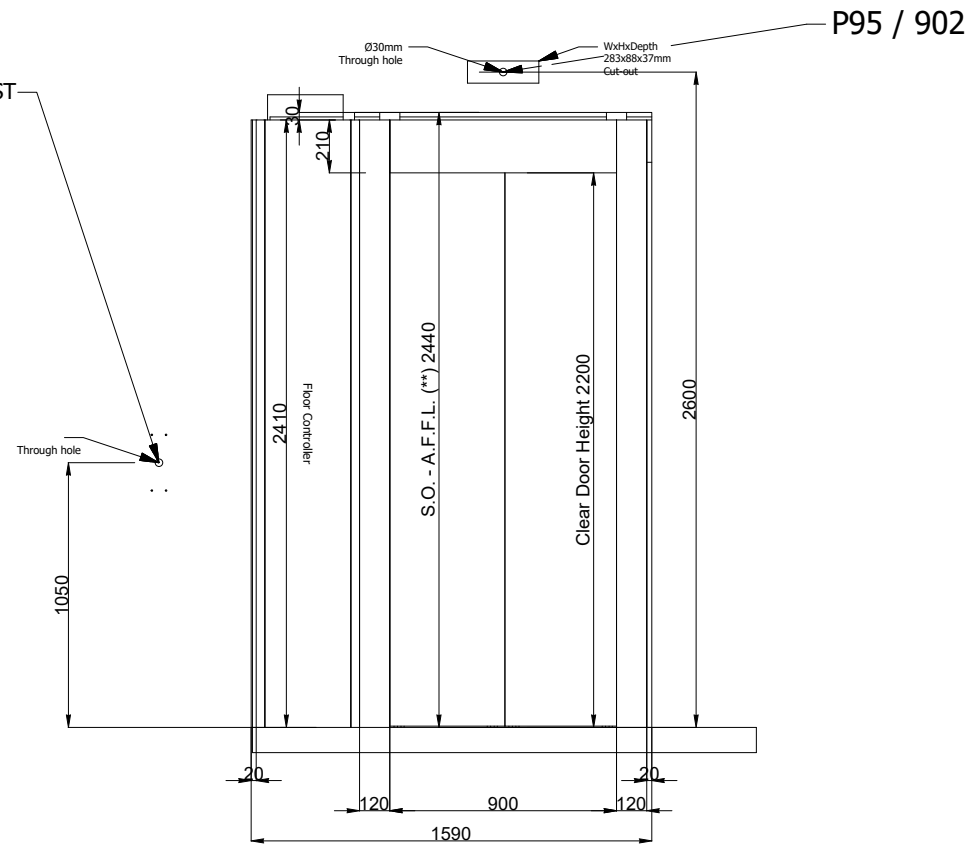
Section View



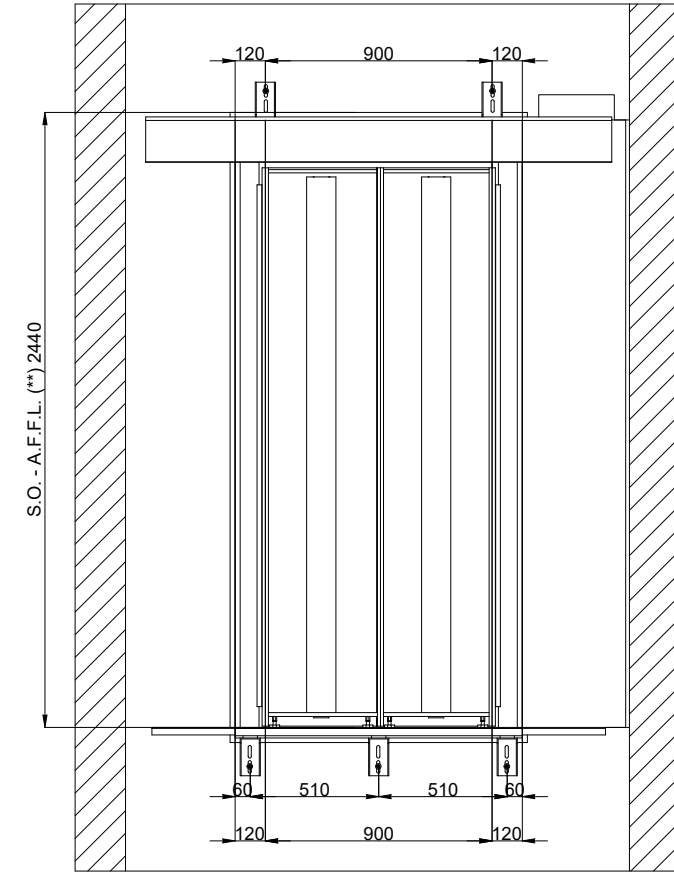
Upper Detail View

Lower Detail View

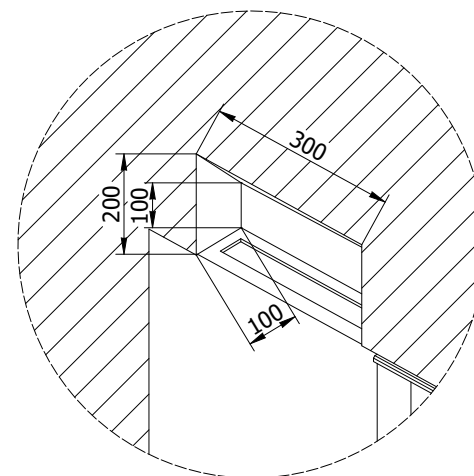
Outside View



Inside View



Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304



If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level

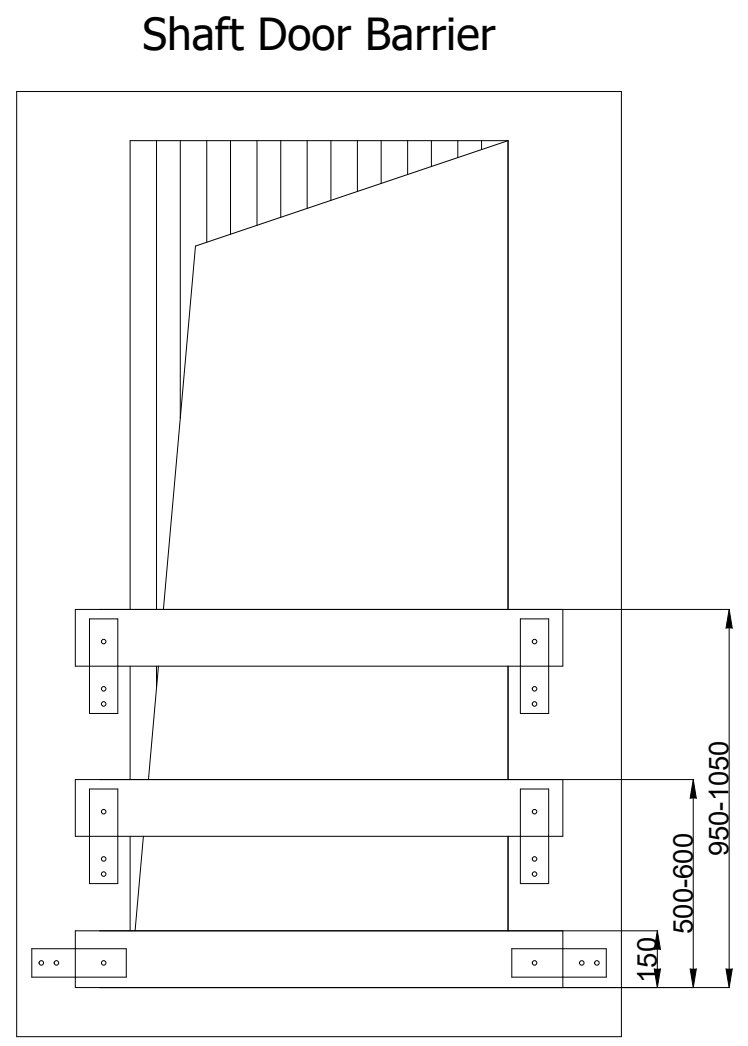
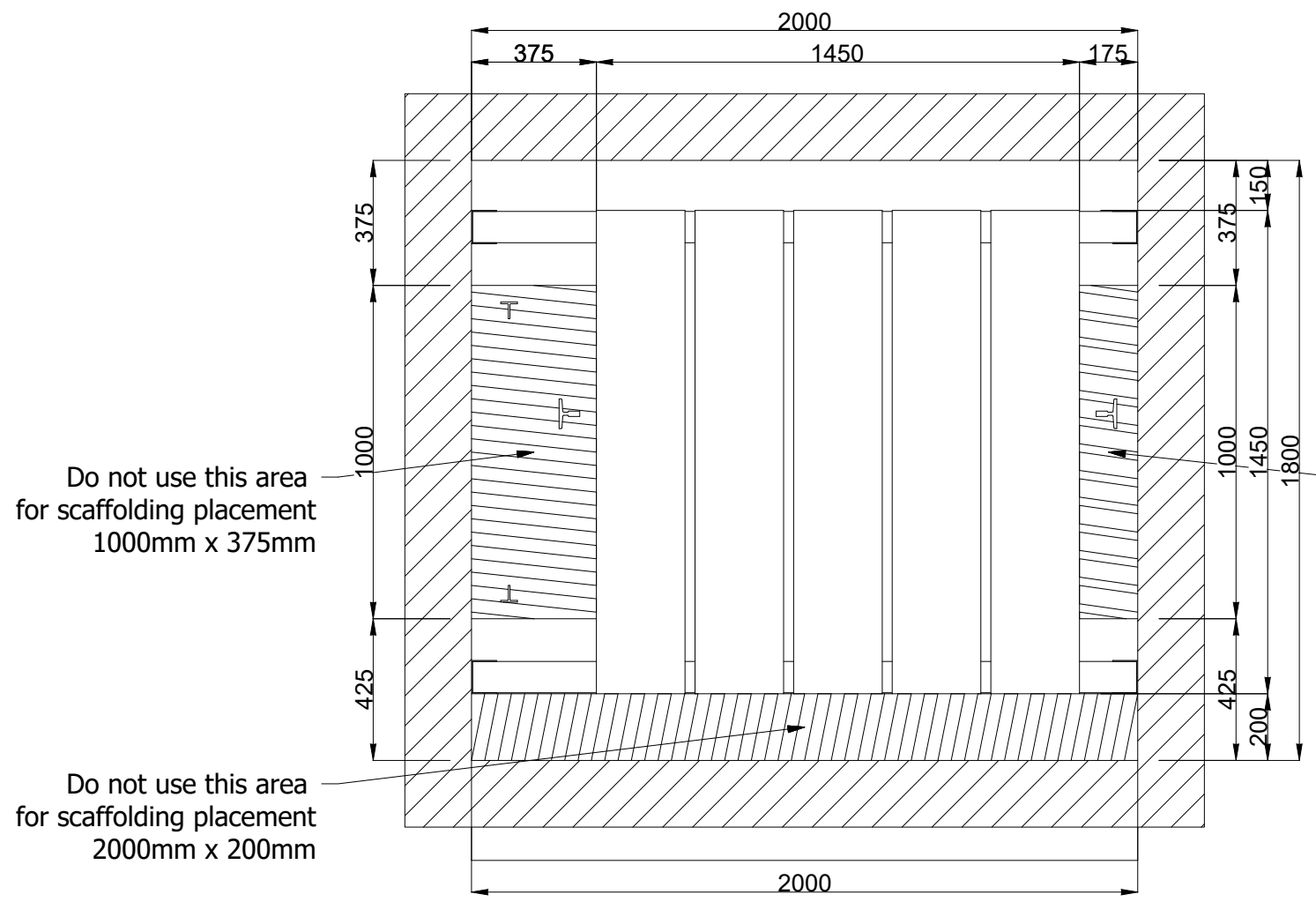


Project
House of Fraser London Lift 2 LH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 5

Customer :
BYRNE LIFTS LTD
Job Number
KL759109
Rev. Drawing Creation Date Lang. Page
2023 / 10 / 17 en_US 13 / 16

Passengers : 12

Scaffolding And Door Barrier SCALE 1:20



The scaffolding dimensions are indicative.
Calculations were made using scaffoldings' beams 100mm of width


The plan view with the scaffolding is a product of an automated study,
To be checked by the installation engineer before submitting the drawings to the builder

GENERAL MAIN CONTRACTORS NOTES FOR SCAFFOLDING

Provide and install suitable scaffolding with fixings, ladders and close guarding to a scaffolding provided by Lift Engineers, or alternatively to the lift engineers requirements to suit site specific issues, including disassembly and reassembly scaffolding phases.

Landing Protection By Principal Contractor

1. Principal Contractors to provide at each landing entrance a suitable landing entrance protection system as shown until Lift Contractors have completed the installation of all landing doors.
2. This protection must be able to withstand a load of 90KG applied from the landing on each barrier bar.

 KLEEMANN Your 1 st Choice in Lifts	Project	Customer :
	House of Fraser London Lift 2 LH Core	BYRNE LIFTS LTD
	Lift Type : ATLAS 2:1	Job Number
Rated Load : 1000 Kg	KL759109	Rev.
Levels : 5	Passengers : 12	Drawing Creation Date
		Lang.
		Page
		2023 / 10 / 17
		en_US
		14 / 16

Elevations SCALE 1:70

D

D

C

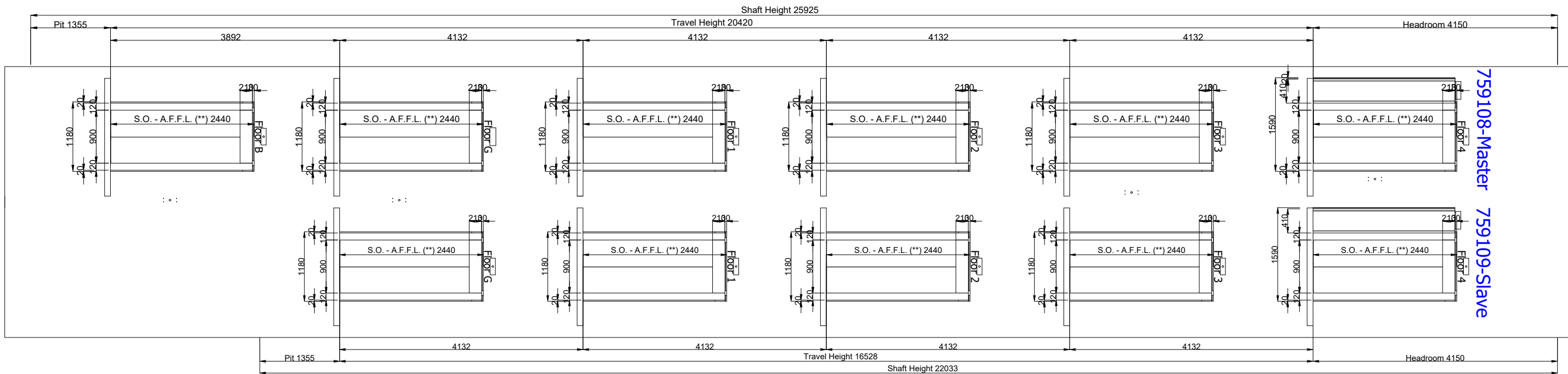
C

B

B

A


A



Main Doors Elevations Face A

**Structural Opening - Above Finished Floor Level

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.

 KLEEMANN Your 1 st Choice in Lifts	Project		Customer :		
	House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1		Job Number		
	Rated Load : 1000 Kg		KL759109		
Levels : 5	Passengers : 12	Rev.	Drawing Creation Date	Lang.	Page
			2023 / 10 / 17	en_US	15 / 16

Miscellaneous Tables

Car's Brackets

#	Type	Altitude	Difference
1	GB 10.3 Straight - GB 10.3 Straight (Complete)	500 mm	-
2	GB 10.3 Straight - GB 10.3 Straight (Complete)	1400 mm	900 mm
3	GB 10.3 Straight - GB 10.3 Straight (Complete)	3150 mm	1750 mm
4	GB 10.3 Straight - GB 10.3 Straight (Complete)	4600 mm	1450 mm
5	GB 10.3 Straight - GB 10.3 Straight (Complete)	6350 mm	1750 mm
6	GB 10.3 Straight - GB 10.3 Straight (Complete)	8000 mm	1650 mm
7	GB 10.3 Straight - GB 10.3 Straight (Complete)	9600 mm	1600 mm
8	GB 10.3 Straight - GB 10.3 Straight (Complete)	11350 mm	1750 mm
9	GB 10.3 Straight - GB 10.3 Straight (Complete)	13000 mm	1650 mm
10	GB 10.3 Straight - GB 10.3 Straight (Complete)	14600 mm	1600 mm
11	GB 10.3 Straight - GB 10.3 Straight (Complete)	16350 mm	1750 mm
12	GB 10.3 Straight - GB 10.3 Straight (Complete)	18000 mm	1650 mm
13	GB 10.3 Straight - GB 10.3 Straight (Complete)	19600 mm	1600 mm
14	GB 10.3 Straight - GB 10.3 Straight (Complete)	20750 mm	1150 mm
15	GB 10.3 Straight - GB 10.3 Straight (Complete)	21503 mm	753 mm

Counterweight's Brackets

#	Type	Altitude	Difference
1	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	500 mm	-
2	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	1400 mm	900 mm
3	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	3150 mm	1750 mm
4	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	4600 mm	1450 mm
5	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	6350 mm	1750 mm
6	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	8000 mm	1650 mm
7	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	9600 mm	1600 mm
8	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	11350 mm	1750 mm
9	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	13000 mm	1650 mm
10	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	14600 mm	1600 mm
11	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	16350 mm	1750 mm
12	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	18000 mm	1650 mm
13	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	19600 mm	1600 mm
14	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	20633 mm	1033 mm
15	ATLAS 2:1 EU Top Bracket	21563 mm	930 mm

Floors

#	Floor	Interfloor distance	Face A
5	4	-	X
4	3	4132 mm	X
3	2	4132 mm	X
2	1	4132 mm	X
1	G	4132 mm	X
		Sum: 16528 mm	Sum: 5

Mounting Parts

Type	Length	Quantity
Lifting Beam	By the customer	3

Main Guide

Type	Quantity	Length
Cuttet Up	2	1683 mm
Complet	8	5000 mm

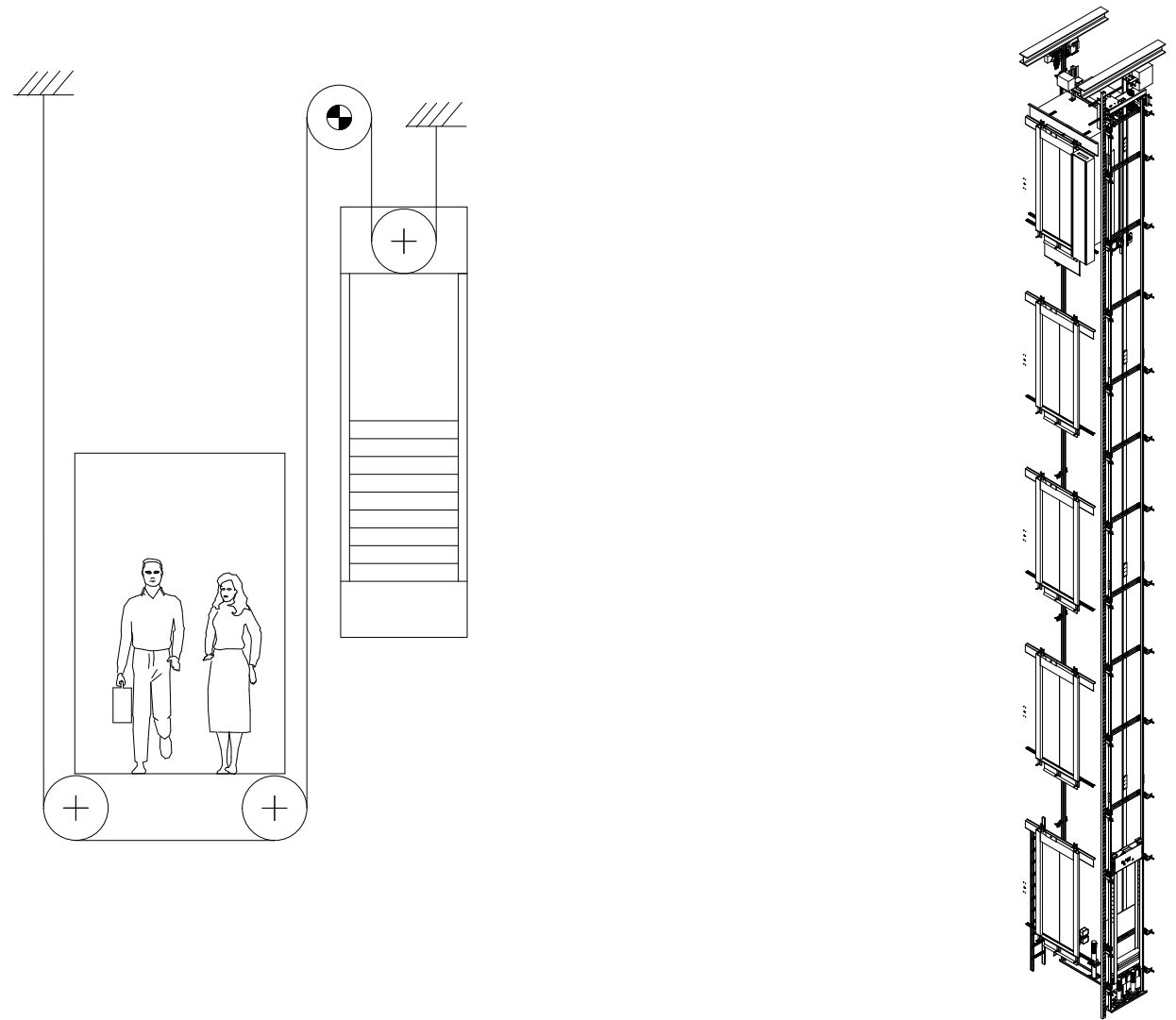
Secondary Rail

Type	Quantity	Length
Cuttet Up	2	1063 mm
Complet	8	5000 mm



Project		Customer :	
House of Fraser London Lift 2 LH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759109	
Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	16 / 16
Levels : 5		Passengers : 12	

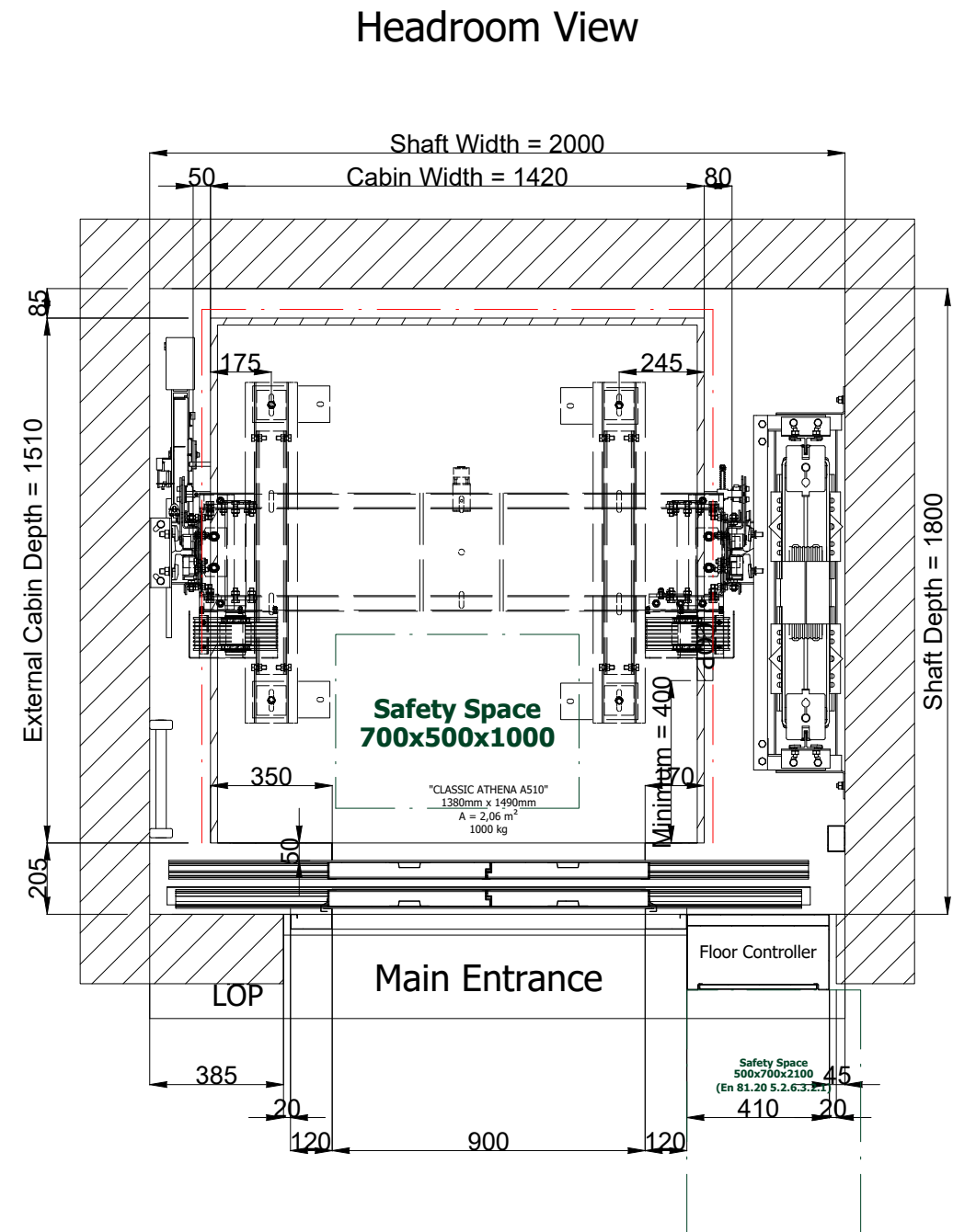
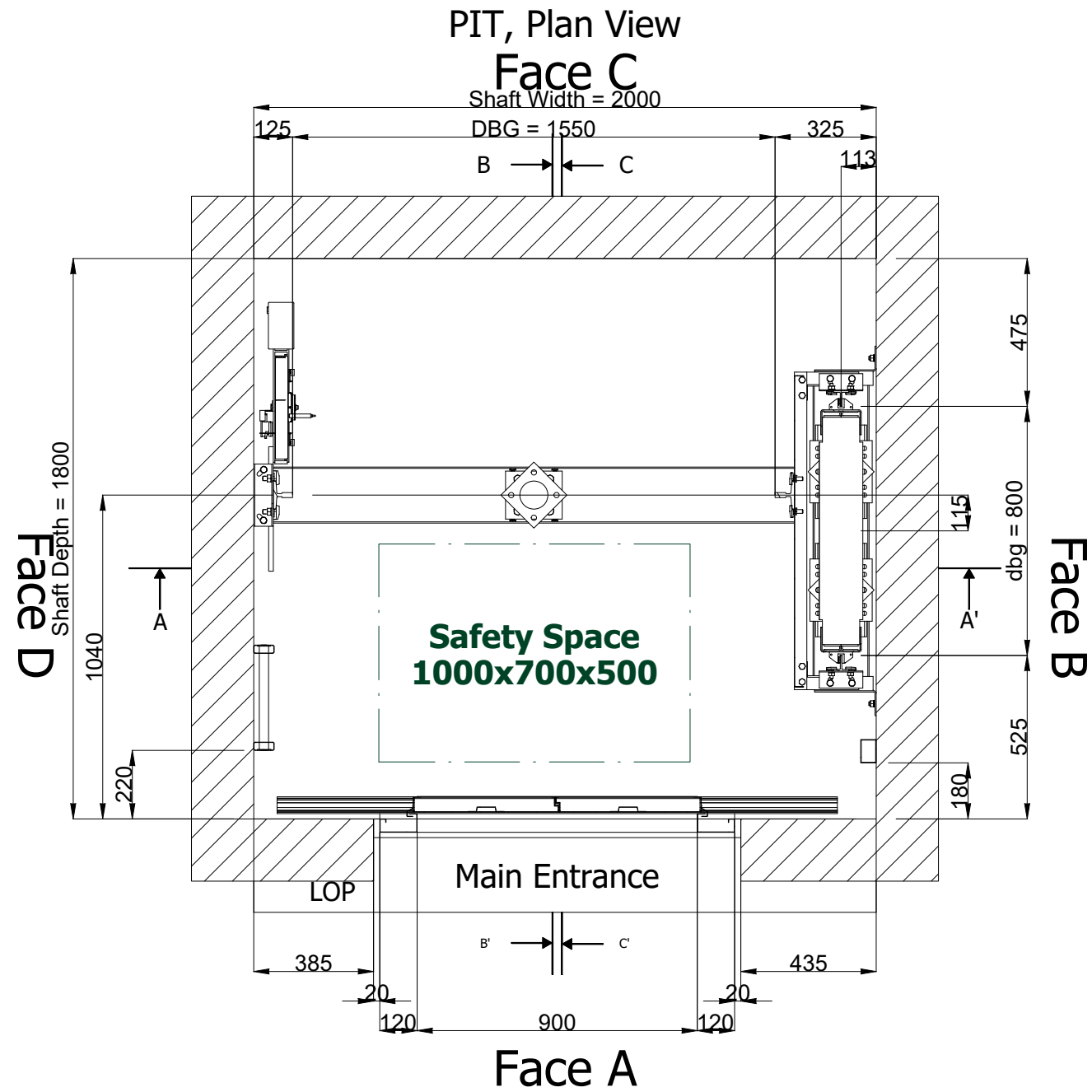
TOLERANCES		
	Width\Depth	Vertical
Shaft Height ≤ 15m	-0/+20mm	±20mm
15m < Shaft Height ≤ 30m	-0/+25mm	±30mm
Shaft Height > 30m	-0/+30mm	±30mm
Door Position ±10mm		




- Summary:
- Page 01. Technical Specifications
 - Page 02. Pit and Headroom Plan View
 - Page 03. Different Landing Plan Views
 - Page 04. Lifting Accessories and Pit Forces
 - Page 05. Forces On The Wall Of Header
 - Page 06. Builder's Views
 - Page 07. Shaft Vertical Sections
 - Page 08. Pit And Headroom Details(1)
 - Page 09. Pit And Headroom Details(2)
 - Page 10. Electrical Boxes at Headroom
 - Page 11. Main Door at levels: G
 - Page 12. Main Door at levels: 1 to 3
 - Page 13. Main Door at levels: 4
 - Page 14. Scaffolding And Door Barrier
 - Page 15. Elevations
 - Page 16. Miscellaneous Tables

TECHNICAL SPECIFICATIONS OF COMPLETE TRACTION LIFT PACKAGE					
Suspension : 2:1		DBG : 1550 mm	dbg : 800 mm	Car Buffer : OLEO LSB 16	
Car Travel : 16550 mm		Counterweight Guides : 50x50x5/cold draw		Tension Pulley Type : Tensioner KLT-R Ø235 (1x25kg) 81.20	
Rated Load : 1000 kg		Steel Wire - Ropes : 8 x 6.5 mm		Main Door : 2-P Central	
Car Speed : 1,6 m/sec		Motor Type : ZIEHL-ABEGG SM200.30D		Rear Door : Doesn't Exist	
Voltage : 3phase-400V		Nominal Power : 12,8 kW		Left Door : Doesn't Exist	
Levels : 5		Nominal Current : 18,5 A	Starting Current : 30,4 A	Right Door : Doesn't Exist	
Machine Room : mrl		Car Dims : 1380 x 1490 x 2300 mm		Motor Frequency : 50 Hz	
Car Guides Rails : 89x62x16/machined		Door(s) Weight : 84 kg		Job Number KL759110	
Responsible Dept. Engineering dept.	Technical Reference Malakoudis A.	Created By TOLIS CHRISTOS	Approved By	Document Type Elevator Plan	Document Status Final
		Project House of Fraser London Lift 3 RH Core		Customer : BYRNE LIFTS LTD	
		Lift Type : ATLAS 2:1		Reference Number No	
		Rated Load : 1000 Kg		Levels : 5	
		Rev.	Drawing Creation Date 2023 / 10 / 17	Lang. en_US	Page 1 / 16

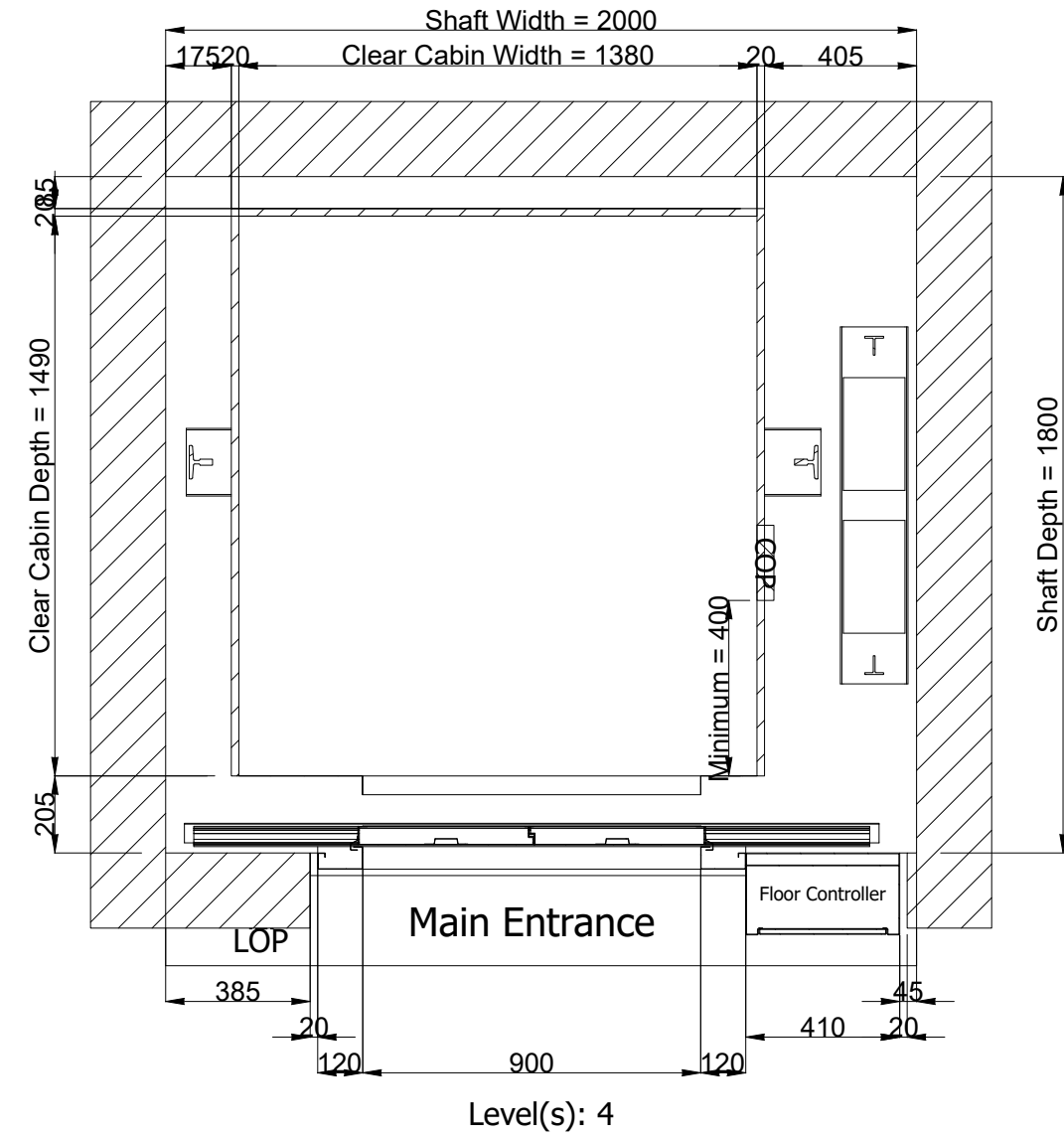
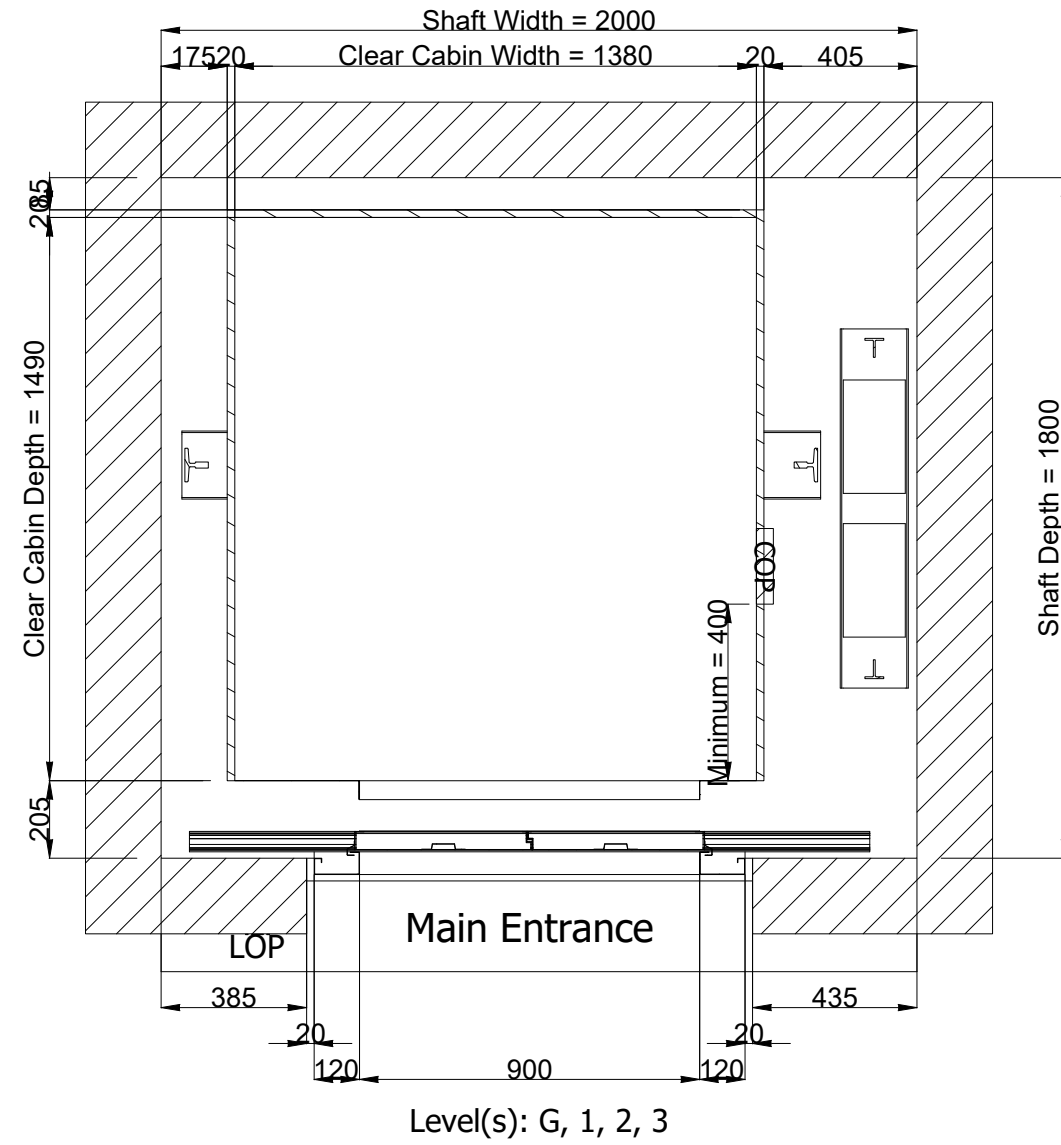
SHAFT, Plan View SCALE 1:20



The Pit plan view depicts the shaft at the altitude of the landing 'G' with the cabin at a higher landing.
 The Headroom plan view depicts the shaft at the altitude of the landing '4' with the cabin at that landing.

 <p>KLEEMANN Your 1st Choice in Lifts</p>	Project	Customer :		
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
	Rated Load : 1000 Kg	KL759110		
Levels : 5	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12		2023 / 10 / 17	en_US	2 / 16

Different Landing Plan Views SCALE 1:20

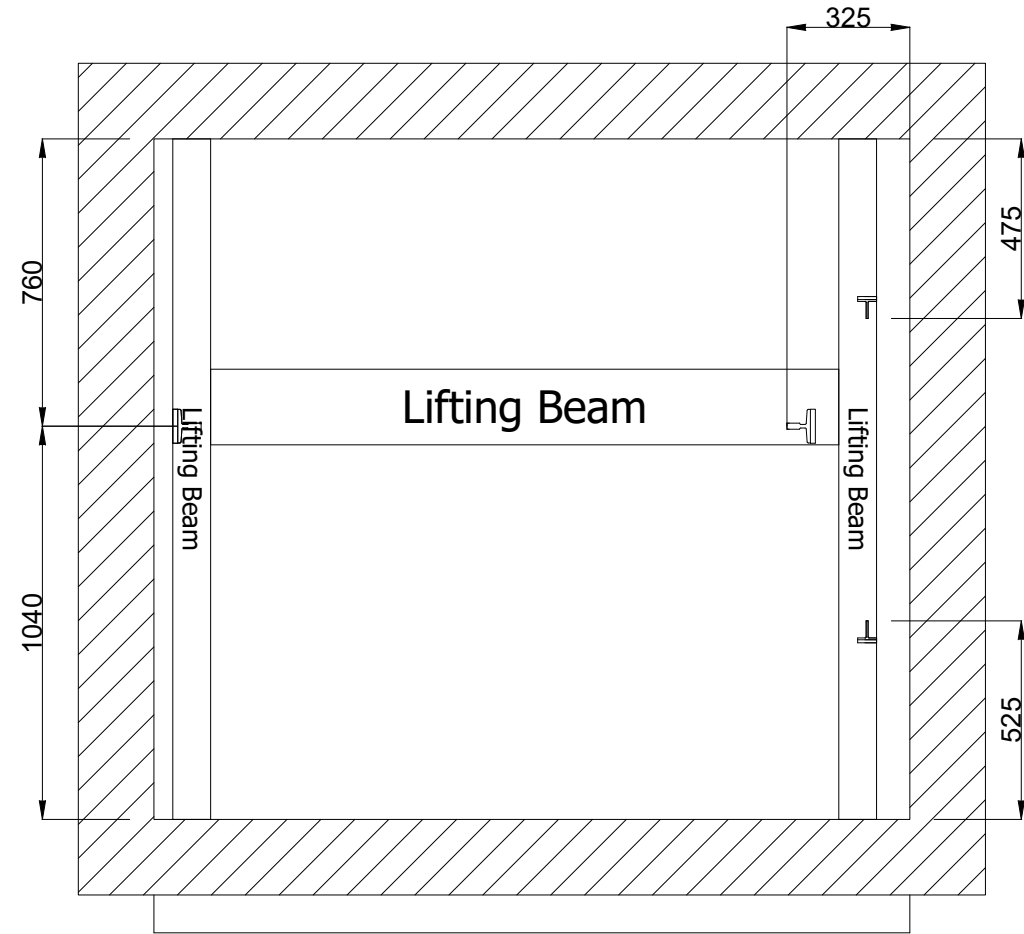


Each of the above landings, depicts what someone would see while looking from the level of the first appearance of that landing. In each landing, only the dimensioned doors are active. (See front elevation page(s))

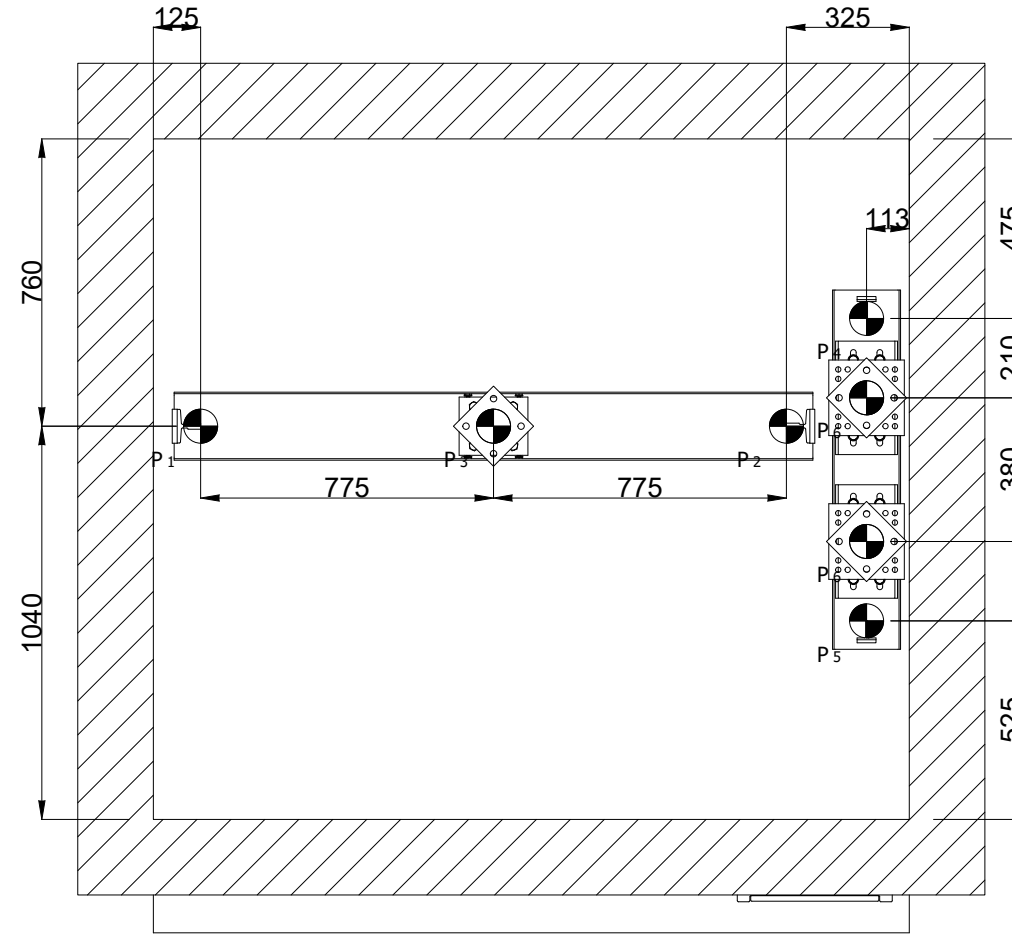
	Project	Customer :		
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
Rated Load : 1000 Kg	KL759110			
Levels : 5	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12		2023 / 10 / 17	en_US	3 / 16

Lifting Accessories and Pit Forces SCALE 1:20

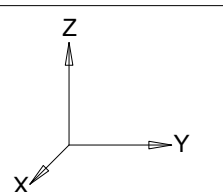
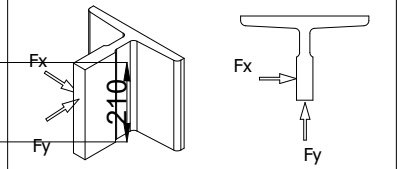
Headroom View




Forces on the Pit



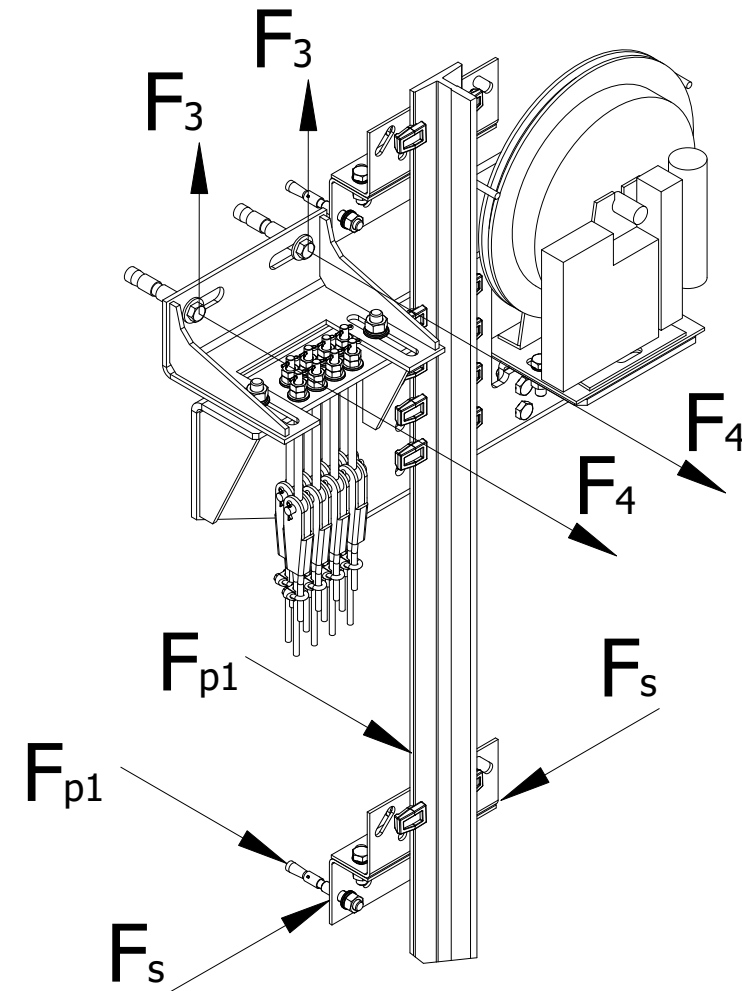
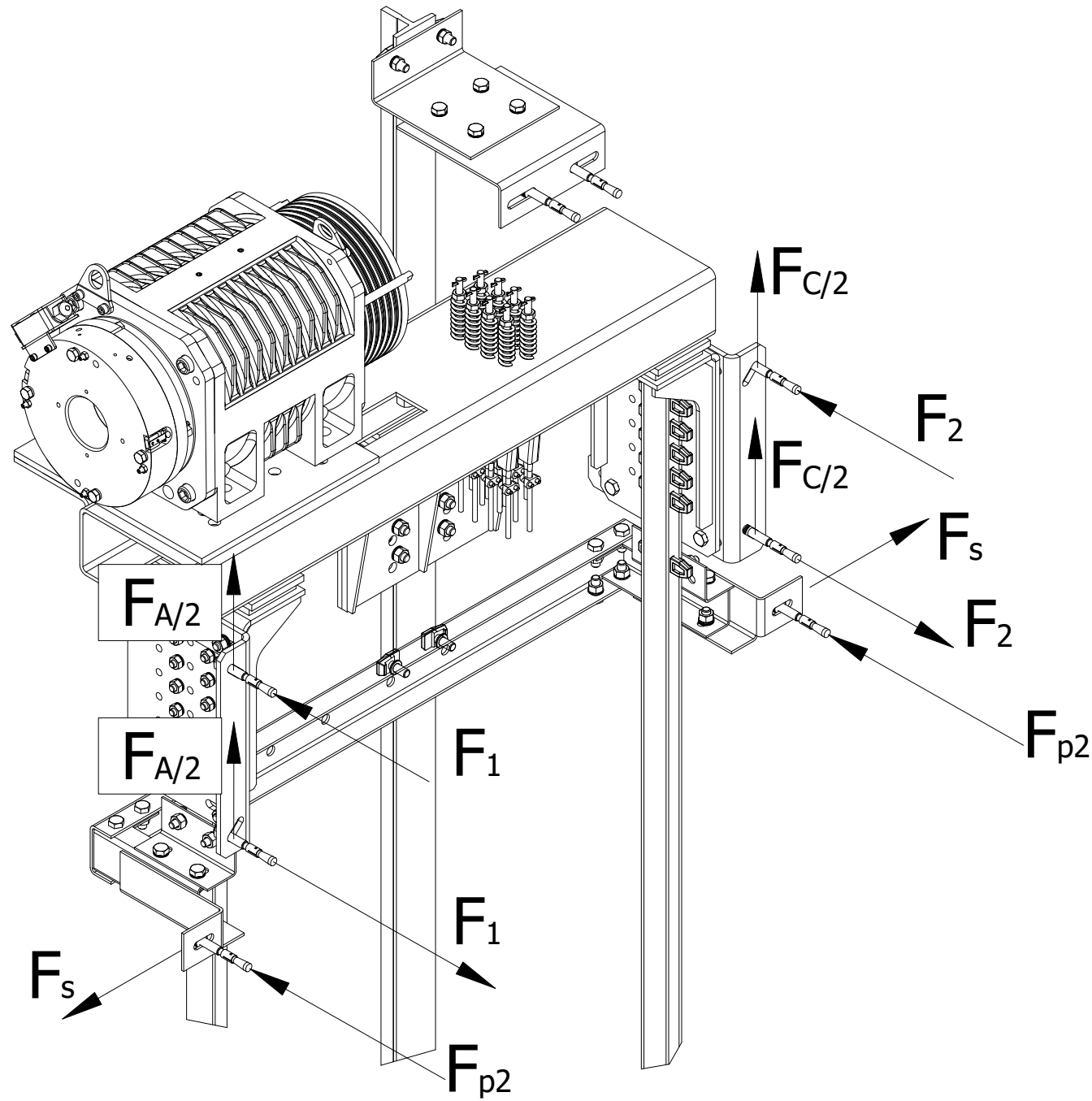
PIT FORCES	
P1	28000 N
P2	43000 N
P3	83000 N
P4	19000 N
P5	22000 N
P6	63000 N
Guide Rail Forces	
Fx	1864 N
Fy	2729 N




Any information presented about lifting beams or hooks is indicative.
KLEEMANN shall not be considered responsible for the actual ones used on site.

 KLEEMANN Your 1 st Choice in Lifts	Project :	Customer :
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD
	Lift Type : ATLAS 2:1	Job Number
	Rated Load : 1000 Kg	KL759110
Levels : 5	Passengers : 12	Rev. Drawing Creation Date Lang. Page
		2023 / 10 / 17 en_US 4 / 16

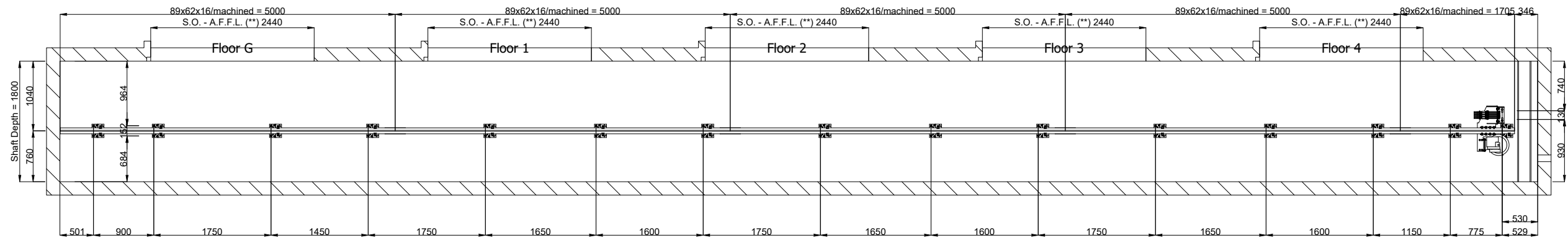
Forces On The Wall Of Header



Forces On The Wall Of Header	
F1	6500 N
F2	4500 N
F3	1000 N
F4	1500 N
FA	10400 N
FC	8600 N
Fp1	2800 N
Fp2	600 N
Fs	1860 N

 KLEEMANN Your 1 st Choice in Lifts	Project	Customer :			
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD			
	Lift Type : ATLAS 2:1	Job Number			
	Rated Load : 1000 Kg	KL759110			
Levels : 5	Passengers : 12	Rev.	Drawing Creation Date	Lang.	Page
			2023 / 10 / 17	en_US	5 / 16

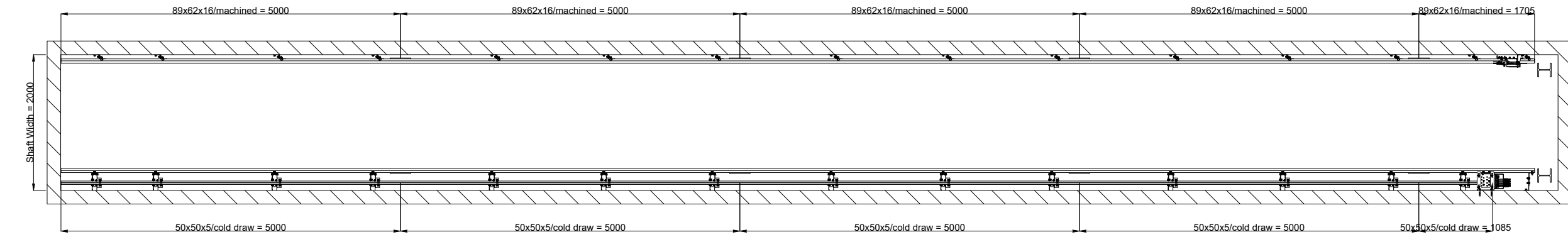
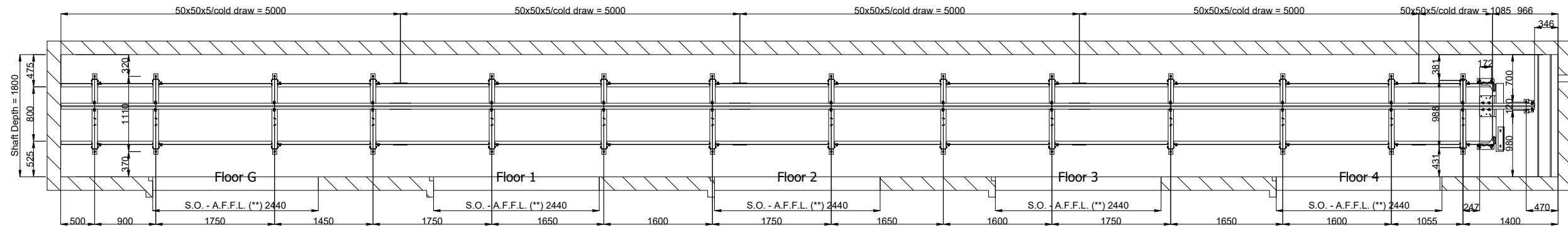
Builder's Views SCALE 1: 70




C-C'

B-B'
Ventilation of the shaft as per local regulations

A-A'



**Structural Opening - Above Finished Floor Level

 <p>KLEEMANN Your 1st Choice in Lifts</p>	Project	Customer :		
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
	Rated Load : 1000 Kg	KL759110		
Levels : 5	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12		2023 / 10 / 17	en_US	6 / 16

6

5

4

3

2

1

6

5

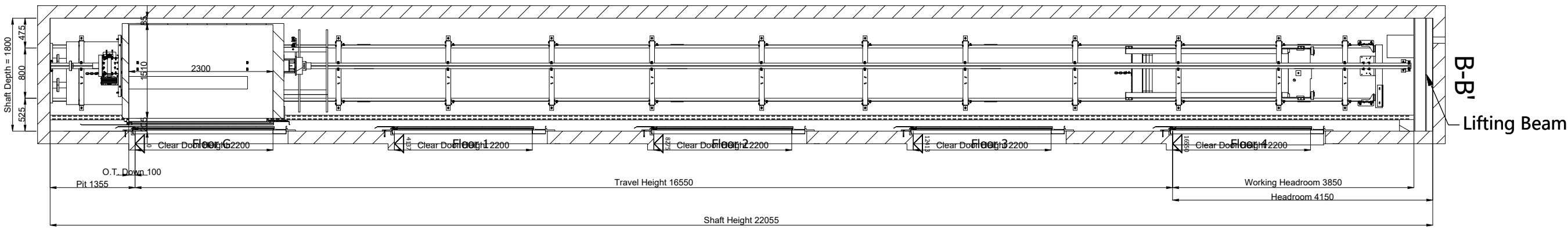
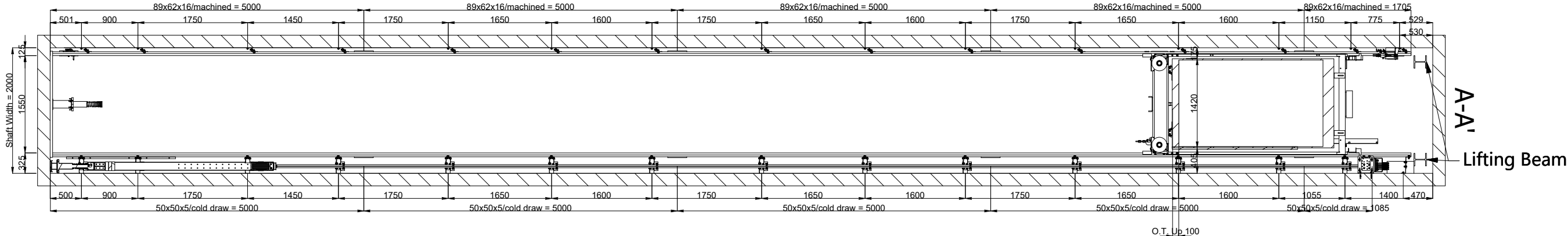
4


3

2

1

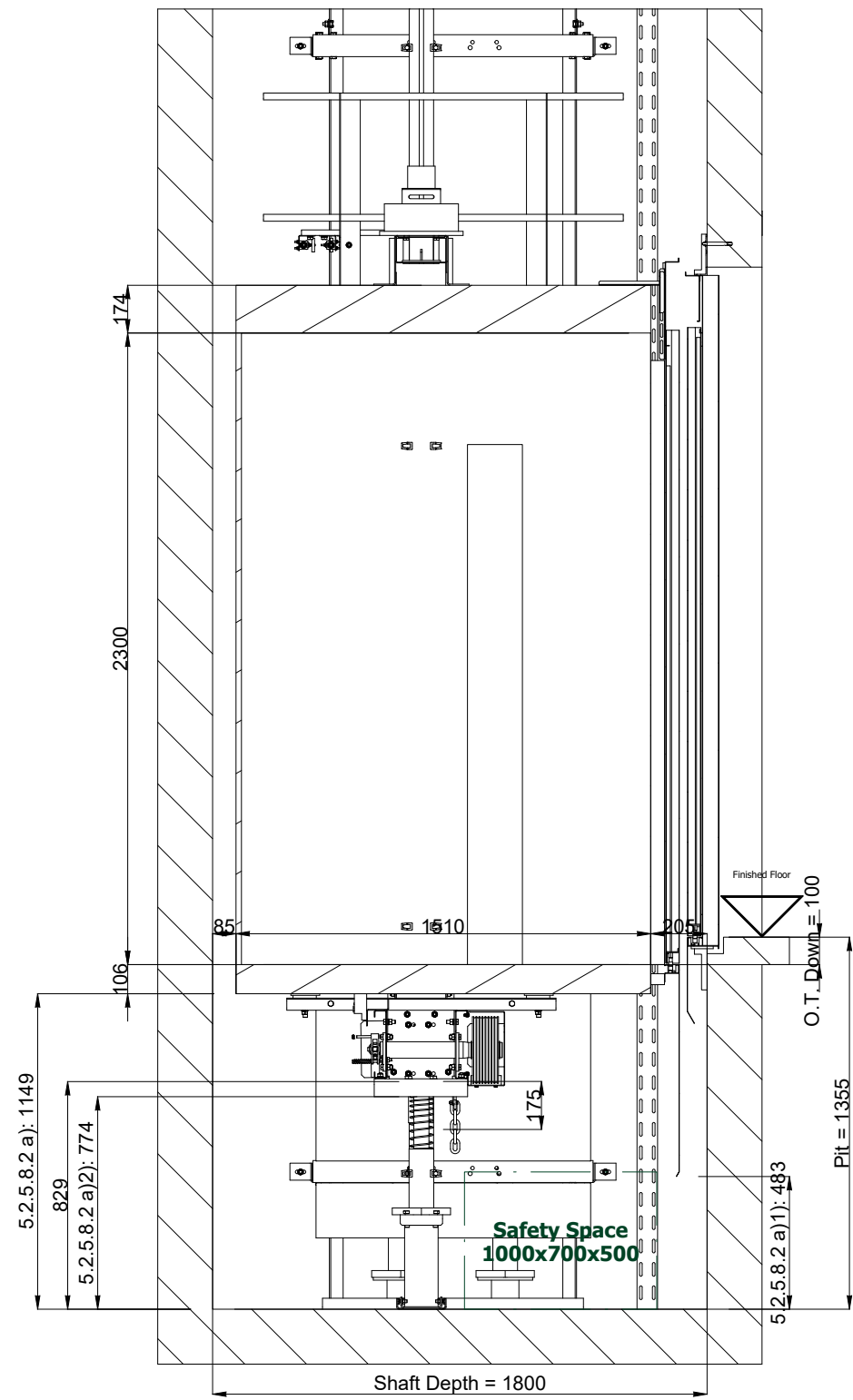
Shaft Vertical Sections SCALE 1:70



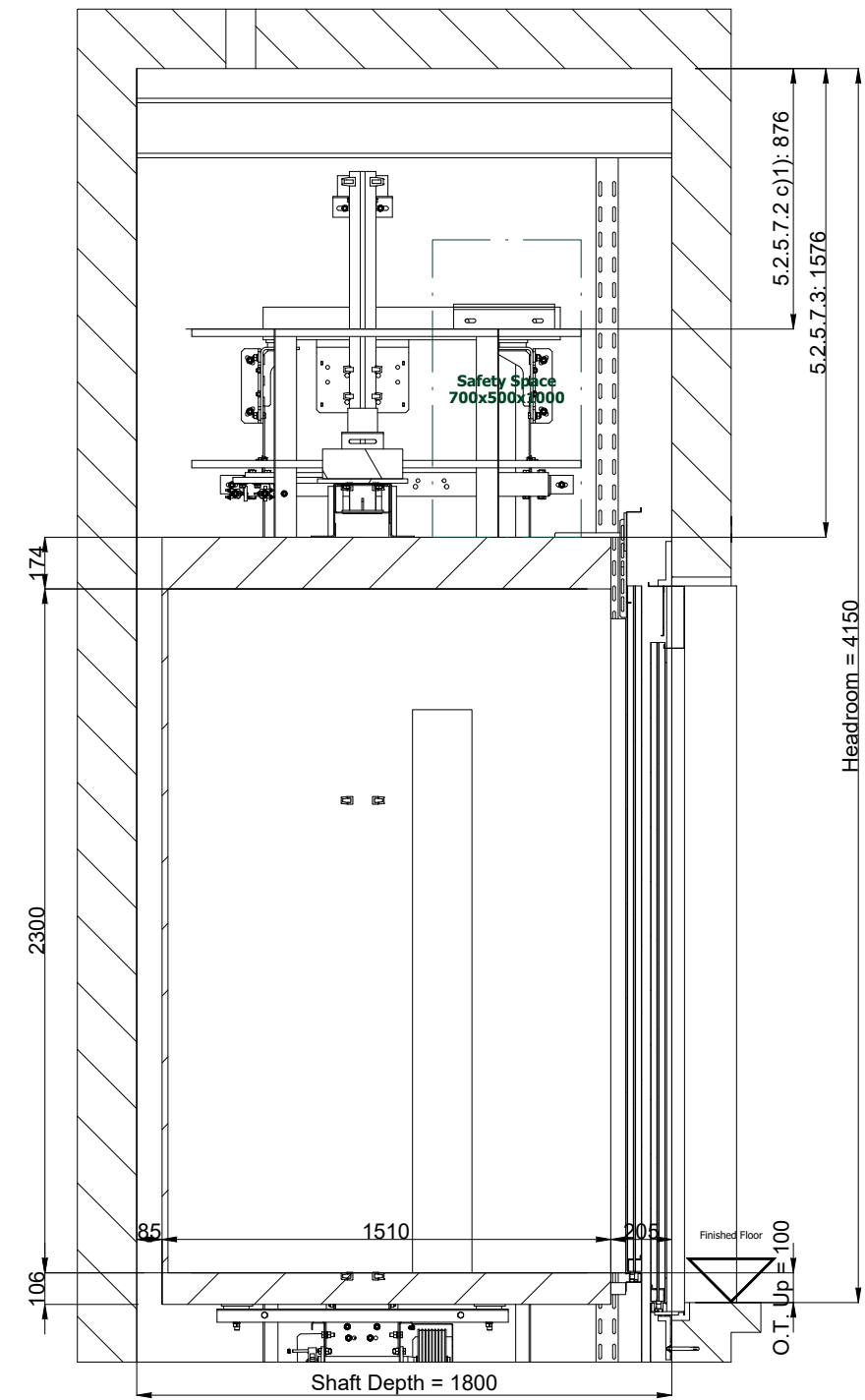
 <p>KLEEMANN Your 1st Choice in Lifts</p>	Project	Customer :		
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
Rated Load : 1000 Kg	KL759110			
Levels : 5	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12		2023 / 10 / 17	en_US	7 / 16

Pit And Headroom Details(1) SCALE 1: 25

Pit Detail



Headroom Detail



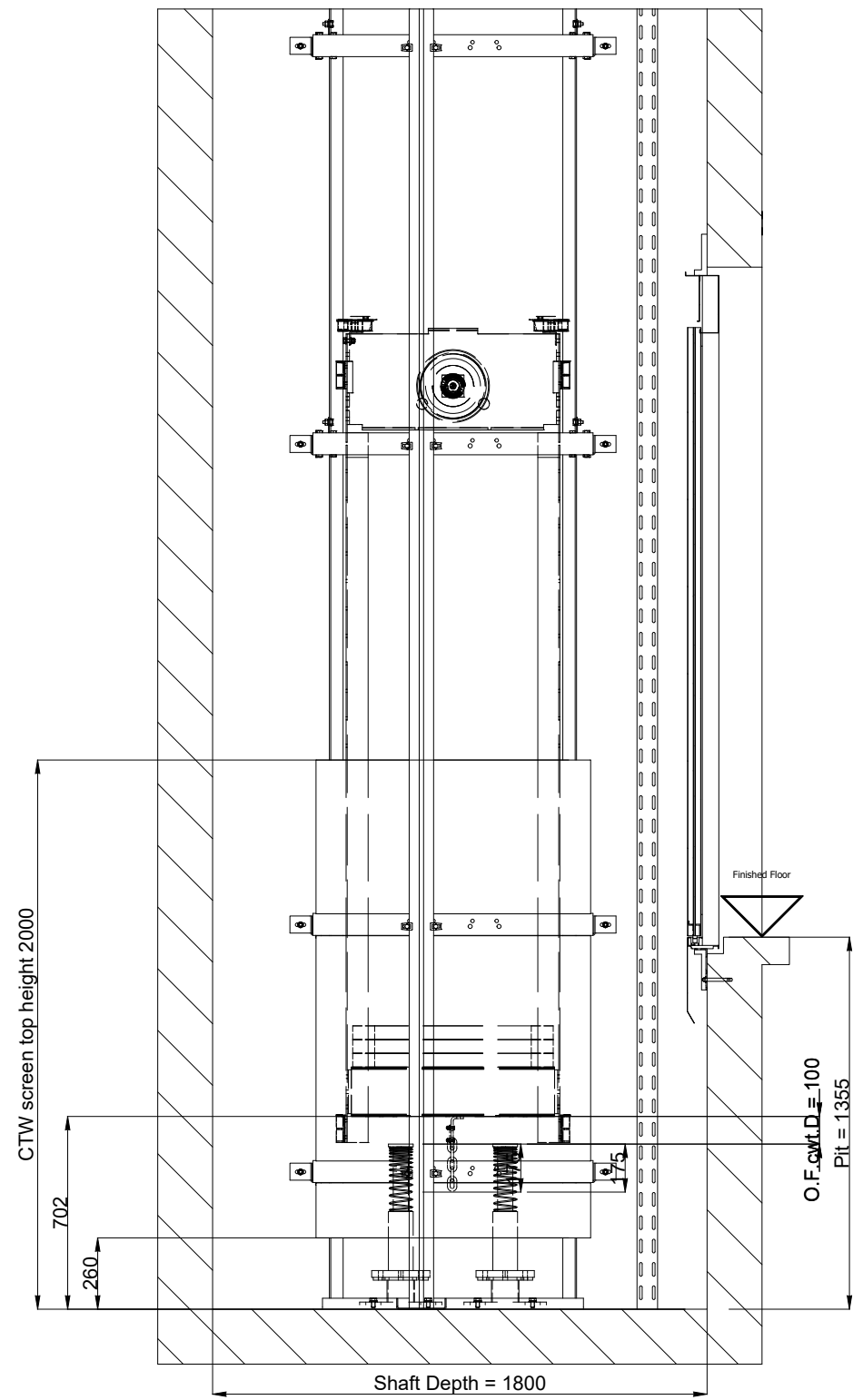
Clauses mentioned in these drawings refer to EN 81-20



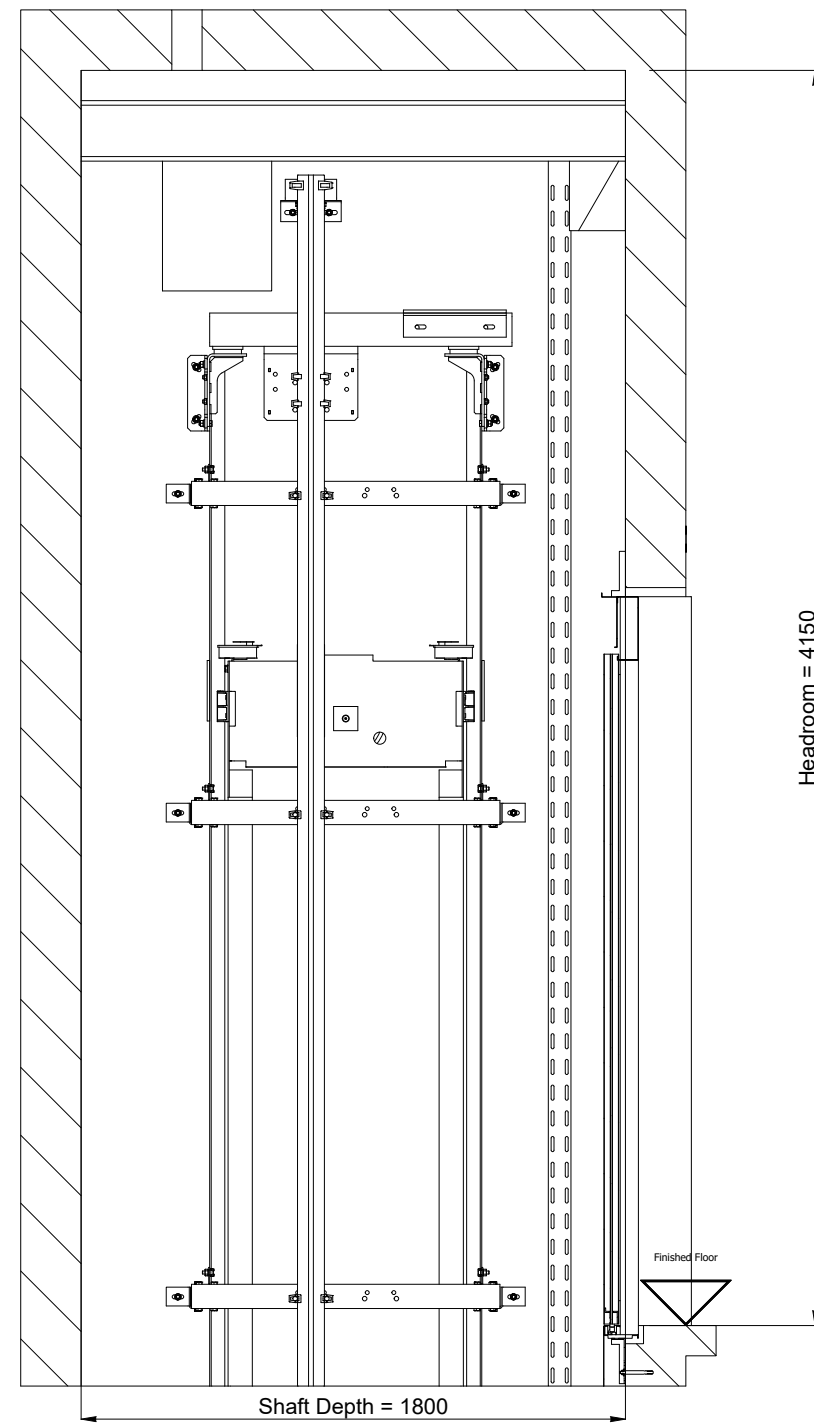
Project		Customer :	
House of Fraser London Lift 3 RH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759110	
Rev.	Drawing Creation Date	Lang.	Page
Levels : 5	2023 / 10 / 17	en_US	8 / 16
Passengers : 12			

Pit And Headroom Details(2) SCALE 1:25

Pit Detail



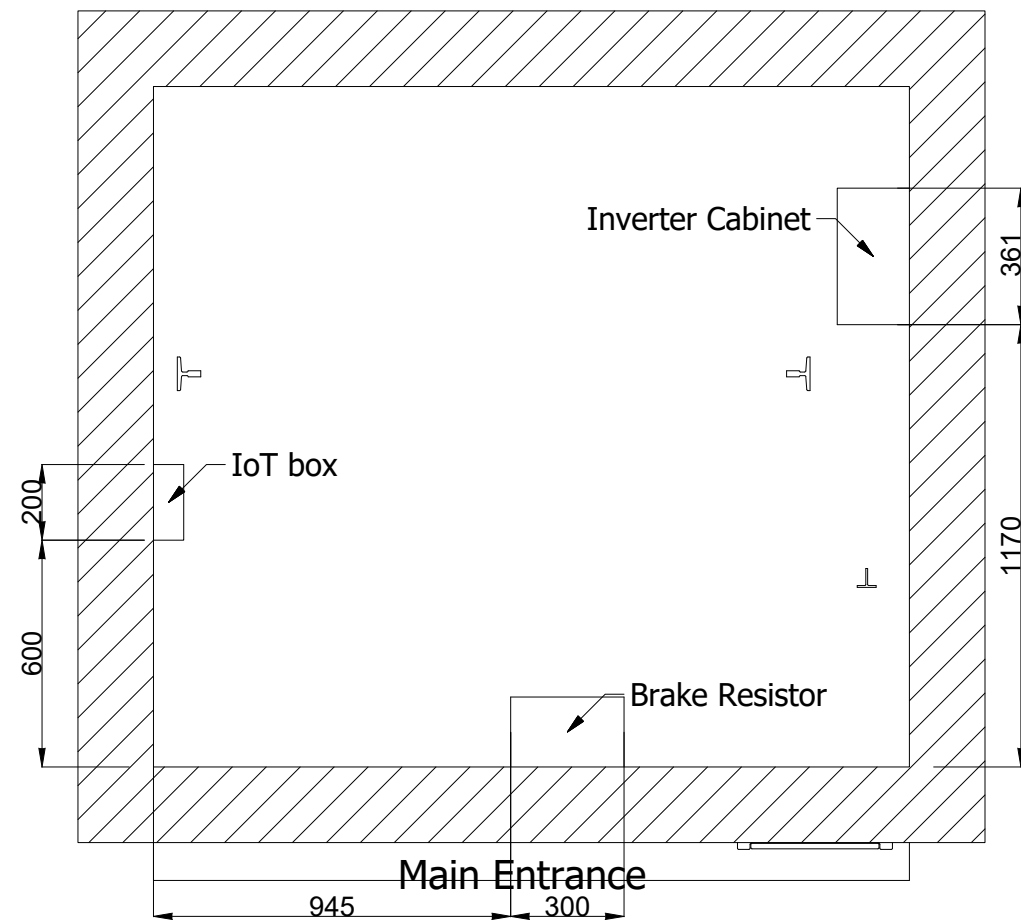
Headroom Detail



Project		Customer :	
House of Fraser London Lift 3 RH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759110	
Levels : 5	Passengers : 12	Rev.	Drawing Creation Date
		Lang.	Page
		2023 / 10 / 17	en_US 9 / 16

Electrical Boxes at Headroom SCALE 1:20

Headroom Electrical Boxes View



Headroom Electrical Boxes Characteristics					
Box	Type	Distance from Headroom	Length	Depth	Height
Inverter Cabinet	4CS	300 mm	361 mm	191 mm	429 mm
Brake Resistor	-	300 mm	300 mm	185 mm	230 mm
IoT box	-	600 mm	200 mm	80 mm	150 mm

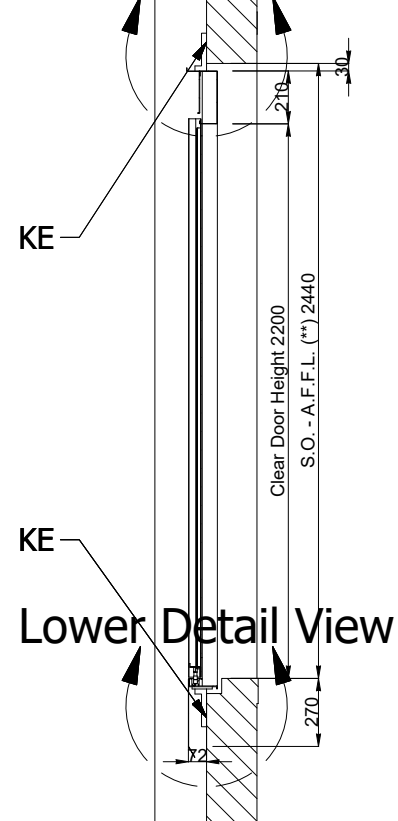


Project
House of Fraser London Lift 3 RH Core
Lift Type : ATLAS 2:1
Rated Load : 1000 Kg
Levels : 5

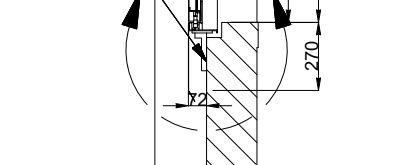
Customer :
BYRNE LIFTS LTD
Job Number
KL759110
Rev. Drawing Creation Date Lang. Page
2023 / 10 / 17 en_US 10 / 16

Main Door at levels: G SCALE 1:30

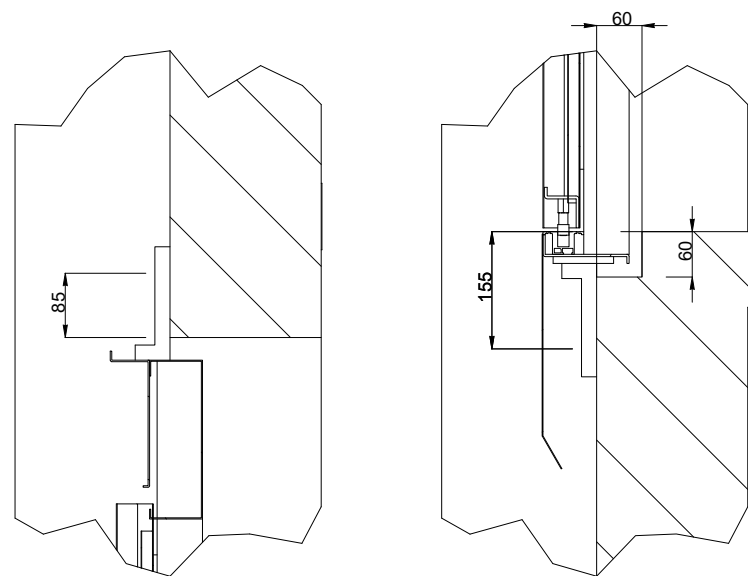
Upper Detail View



Lower Detail View

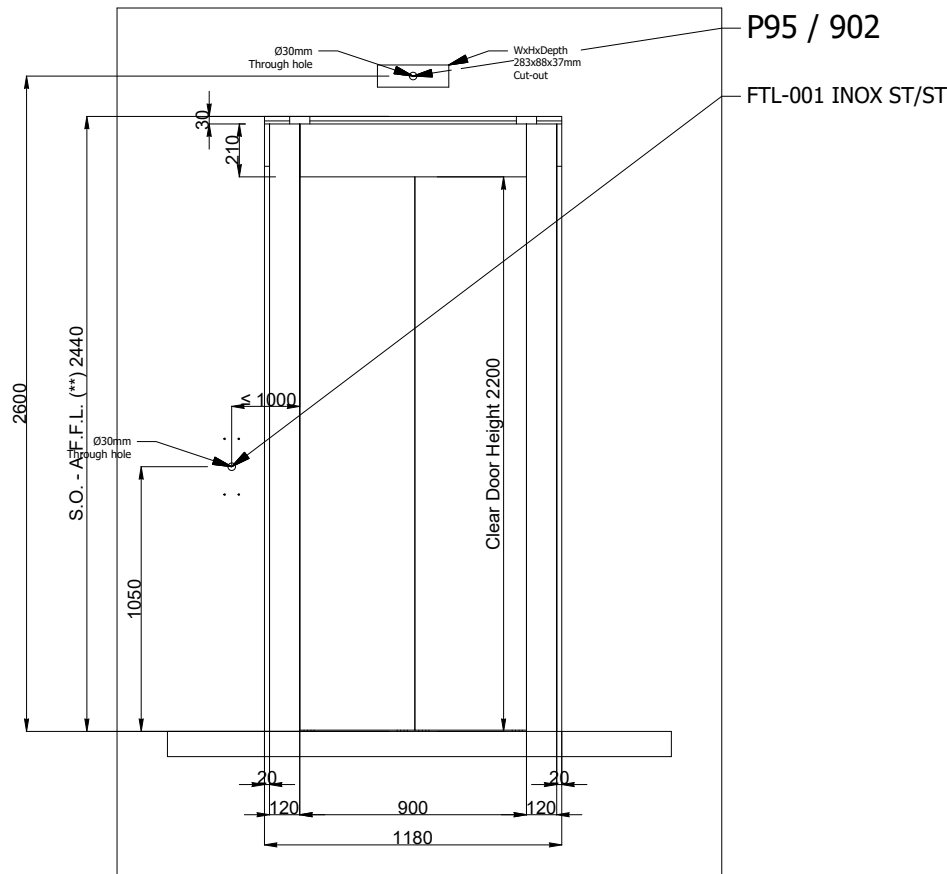


Section View

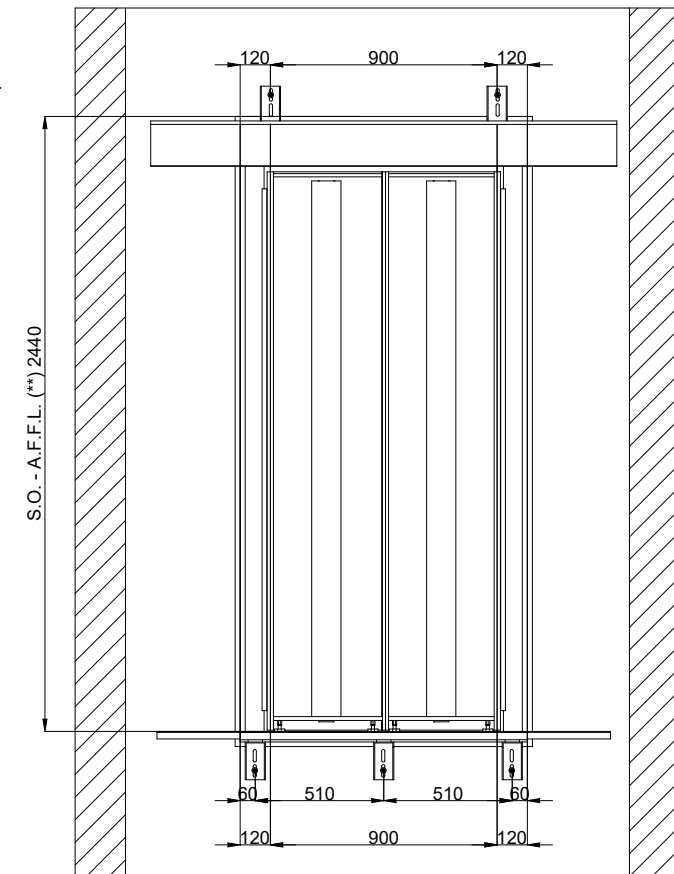


Upper Detail View

Lower Detail View



Outside View



Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

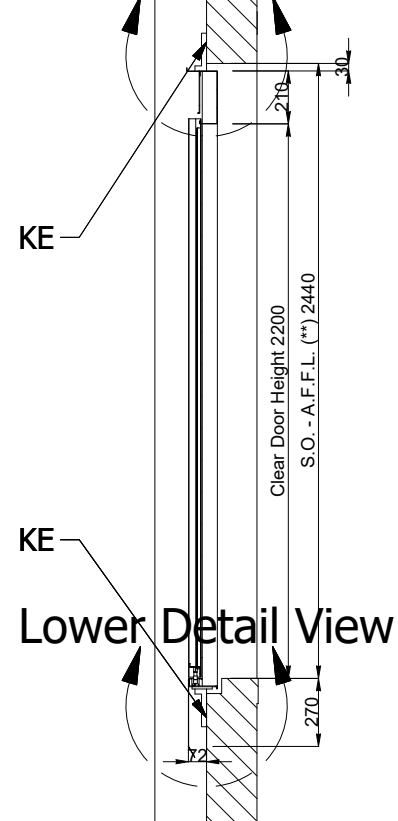
* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level



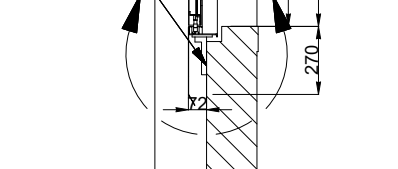
Project		Customer :	
House of Fraser London Lift 3 RH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759110	
Levels : 5	Passengers : 12	Rev.	Page
		Drawing Creation Date	Lang.
		2023 / 10 / 17	en_US
			11 / 16

Main Door at levels: 1 to 3 SCALE 1:30

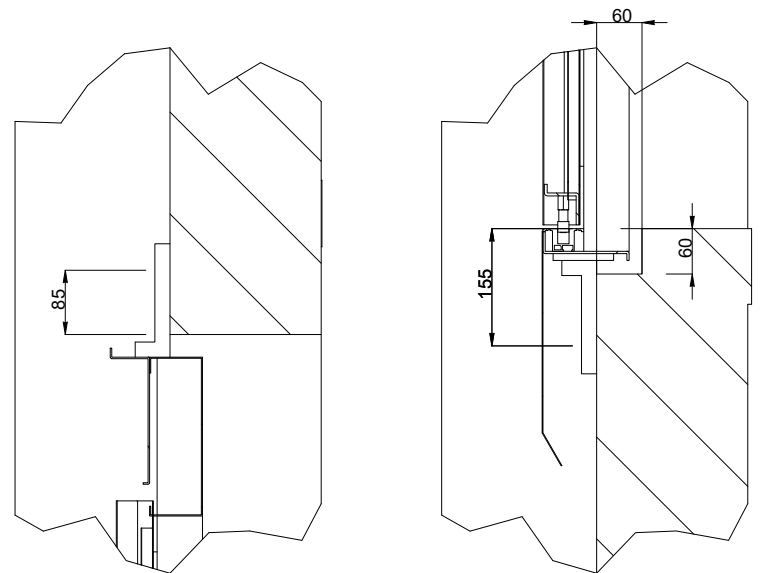
Upper Detail View



Lower Detail View

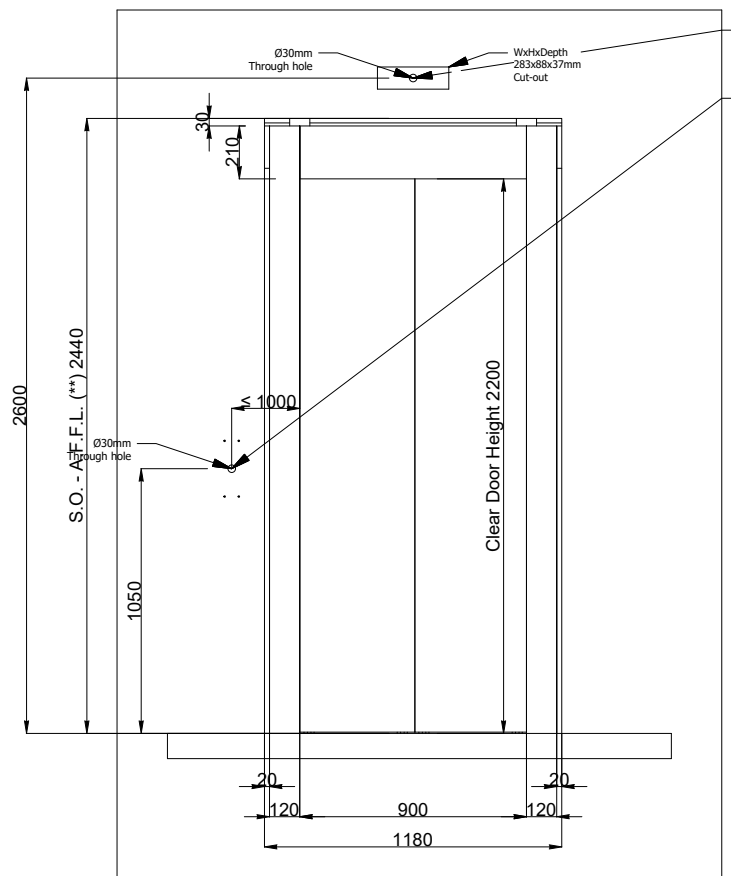


Section View

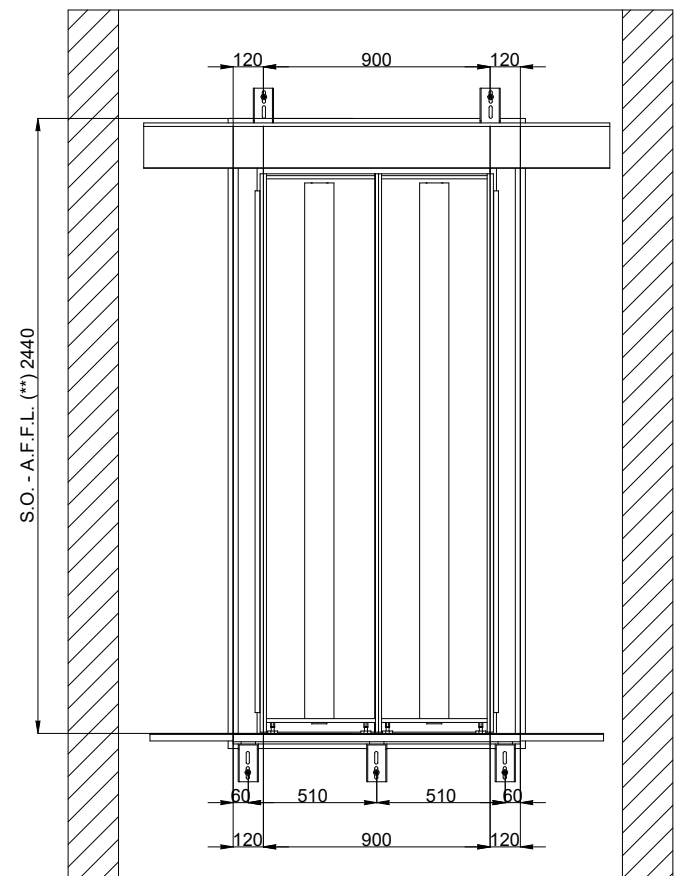


Upper Detail View

Lower Detail View



Outside View




Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

* LOPs and indicators shape is indicative. Please check the doors characteristics table for further details.
 **Structural Opening - Above Finished Floor Level



KLEEMANN
Your 1st Choice in Lifts

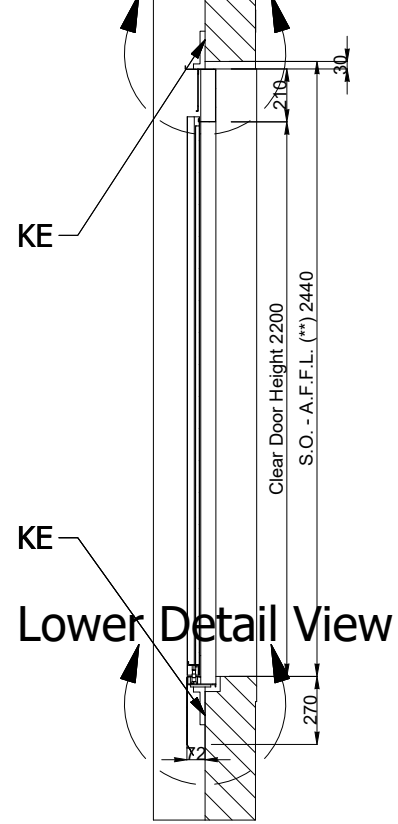
Project: House of Fraser London Lift 3 RH Core
 Lift Type : ATLAS 2:1
 Rated Load : 1000 Kg
 Levels : 5

Customer : **BYRNE LIFTS LTD**
 Job Number : **KL759110**

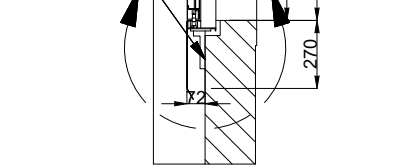
Rev.	Drawing Creation Date	Lang.	Page
	2023 / 10 / 17	en_US	12 / 16

Main Door at levels: 4 SCALE 1:30

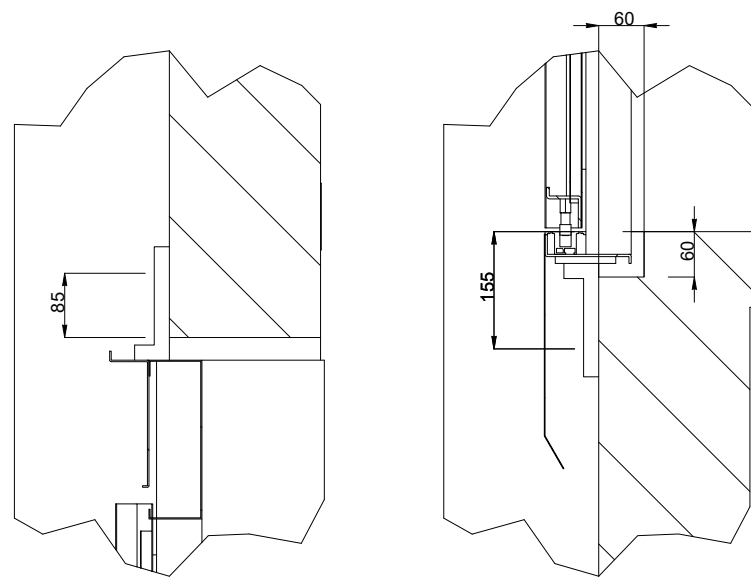
Upper Detail View



Lower Detail View

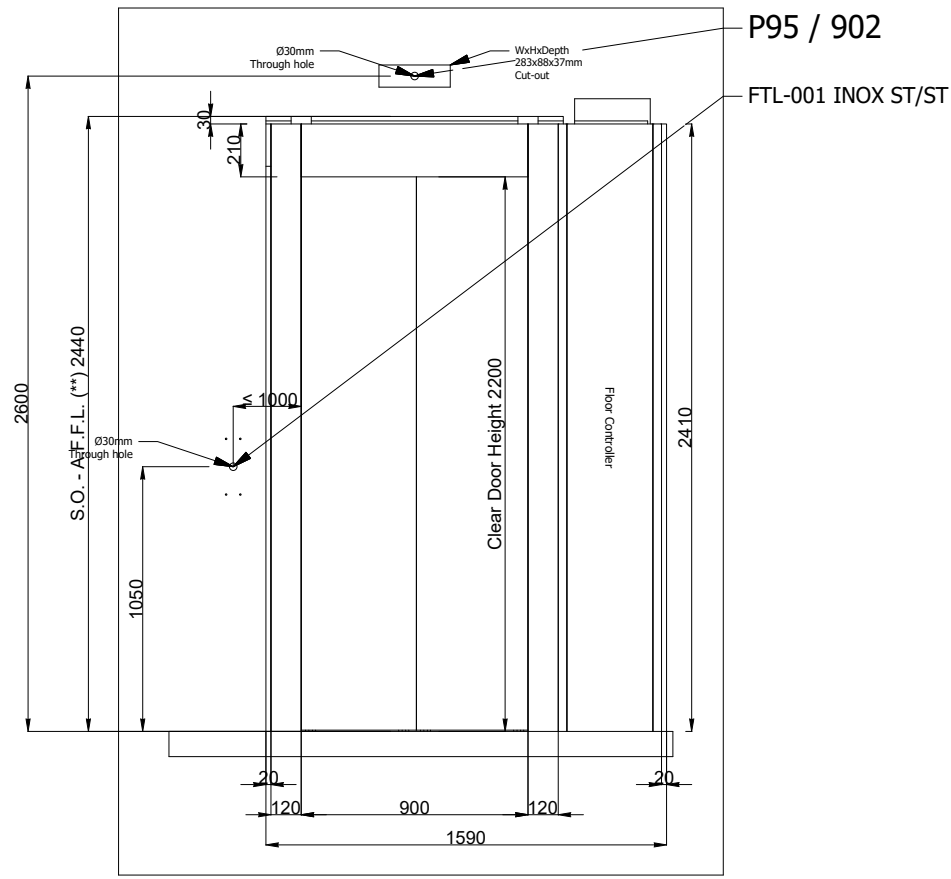


Section View

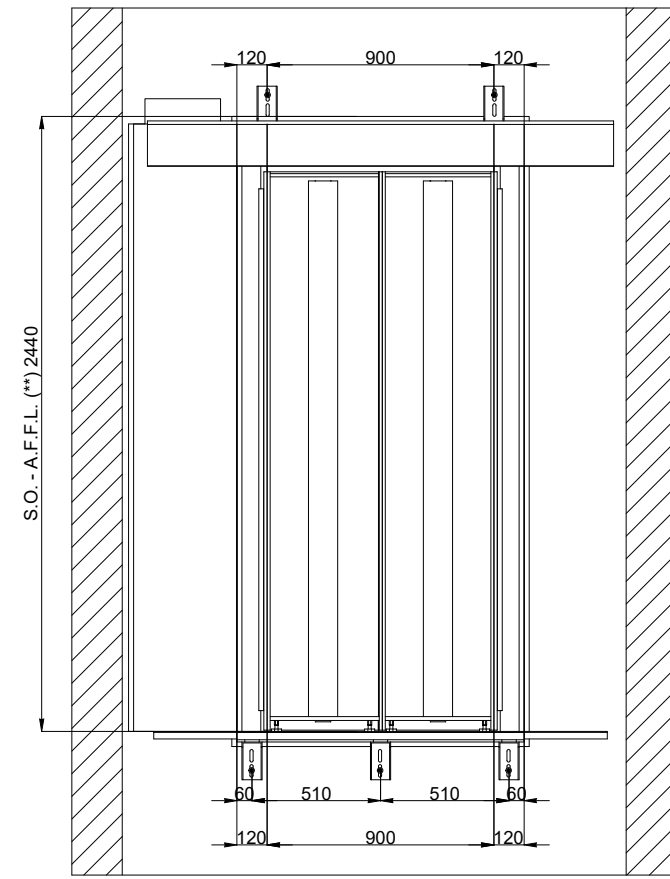


Upper Detail View

Lower Detail View



Outside View



Inside View

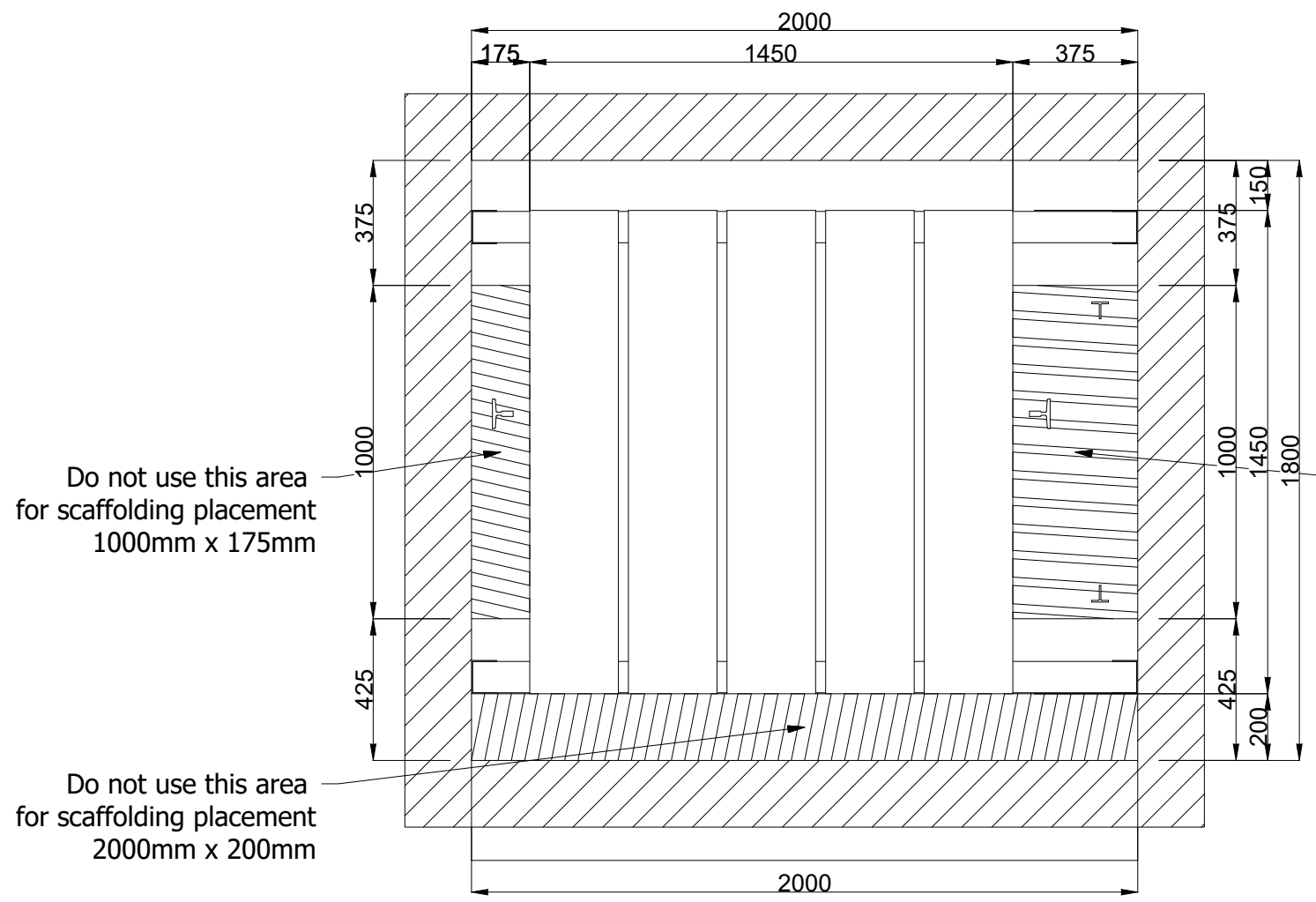
Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 304
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 304

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level

Project		Customer :	
House of Fraser London Lift 3 RH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759110	
Levels : 5	Passengers : 12	Rev.	Drawing Creation Date
		Lang.	Page
		2023 / 10 / 17	en_US 13 / 16

Scaffolding And Door Barrier SCALE 1:20



Do not use this area for scaffolding placement 1000mm x 175mm

Do not use this area for scaffolding placement 2000mm x 200mm

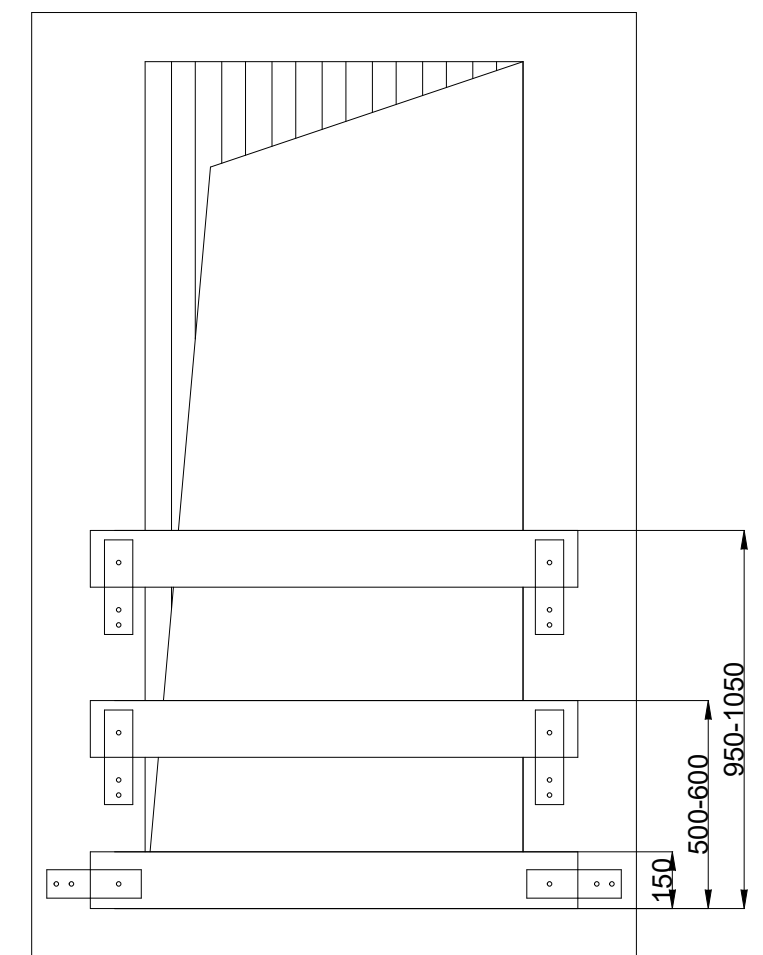
The scaffolding dimensions are indicative.
Calculations were made using scaffoldings' beams 100mm of width

The plan view with the scaffolding is a product of an automated study,
To be checked by the installation engineer before submitting the drawings to the builder

GENERAL MAIN CONTRACTORS NOTES FOR SCAFFOLDING

Provide and install suitable scaffolding with fixings, ladders and close guarding to a scaffolding provided by Lift Engineers, or alternatively to the lift engineers requirements to suit site specific issues, including disassembly and reassembly scaffolding phases.

Shaft Door Barrier



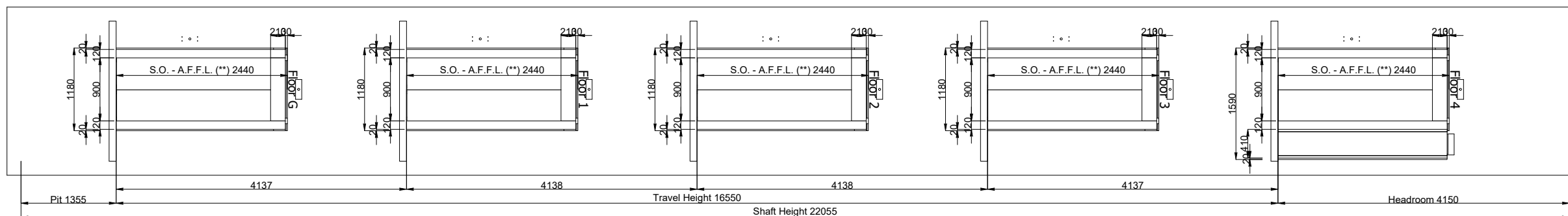
Do not use this area for scaffolding placement 1000mm x 375mm

Landing Protection By Principal Contractor

1. Principal Contractors to provide at each landing entrance a suitable landing entrance protection system as shown until Lift Contractors have completed the installation of all landing doors.
2. This protection must be able to withstand a load of 90KG applied from the landing on each barrier bar.

	Project	Customer :		
	House of Fraser London Lift 3 RH Core	BYRNE LIFTS LTD		
	Lift Type : ATLAS 2:1	Job Number		
Rated Load : 1000 Kg	KL759110			
Levels : 5	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 12		2023 / 10 / 17	en_US	14 / 16

Elevations SCALE 1:70



Main Doors Elevations Face A

**Structural Opening - Above Finished Floor Level

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.

		Project		Customer :	
		House of Fraser London Lift 3 RH Core		BYRNE LIFTS LTD	
		Lift Type : ATLAS 2:1		Job Number	
		Rated Load : 1000 Kg		KL759110	
		Levels : 5		Rev.	Page
		Passengers : 12		Drawing Creation Date	Lang.
				2023 / 10 / 17	en_US
				15 / 16	

Miscellaneous Tables

Car's Brackets

#	Type	Altitude	Difference
1	GB 10.3 Straight - GB 10.3 Straight (Complete)	500 mm	-
2	GB 10.3 Straight - GB 10.3 Straight (Complete)	1400 mm	900 mm
3	GB 10.3 Straight - GB 10.3 Straight (Complete)	3150 mm	1750 mm
4	GB 10.3 Straight - GB 10.3 Straight (Complete)	4600 mm	1450 mm
5	GB 10.3 Straight - GB 10.3 Straight (Complete)	6350 mm	1750 mm
6	GB 10.3 Straight - GB 10.3 Straight (Complete)	8000 mm	1650 mm
7	GB 10.3 Straight - GB 10.3 Straight (Complete)	9600 mm	1600 mm
8	GB 10.3 Straight - GB 10.3 Straight (Complete)	11350 mm	1750 mm
9	GB 10.3 Straight - GB 10.3 Straight (Complete)	13000 mm	1650 mm
10	GB 10.3 Straight - GB 10.3 Straight (Complete)	14600 mm	1600 mm
11	GB 10.3 Straight - GB 10.3 Straight (Complete)	16350 mm	1750 mm
12	GB 10.3 Straight - GB 10.3 Straight (Complete)	18000 mm	1650 mm
13	GB 10.3 Straight - GB 10.3 Straight (Complete)	19600 mm	1600 mm
14	GB 10.3 Straight - GB 10.3 Straight (Complete)	20750 mm	1150 mm
15	GB 10.3 Straight - GB 10.3 Straight (Complete)	21525 mm	775 mm

Counterweight's Brackets

#	Type	Altitude	Difference
1	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	500 mm	-
2	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	1400 mm	900 mm
3	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	3150 mm	1750 mm
4	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	4600 mm	1450 mm
5	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	6350 mm	1750 mm
6	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	8000 mm	1650 mm
7	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	9600 mm	1600 mm
8	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	11350 mm	1750 mm
9	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	13000 mm	1650 mm
10	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	14600 mm	1600 mm
11	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	16350 mm	1750 mm
12	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	18000 mm	1650 mm
13	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	19600 mm	1600 mm
14	ATLAS 2:1 COMBINATION BRACKET S=263 L=1020 DBG=800 EN81.20	20655 mm	1055 mm
15	ATLAS 2:1 EU Top Bracket	21585 mm	930 mm

Floors

#	Floor	Interfloor distance	Face A
5	4	-	X
4	3	4137 mm	X
3	2	4138 mm	X
2	1	4138 mm	X
1	G	4137 mm	X
		Sum: 16550 mm	Sum: 5

Mounting Parts

Type	Length	Quantity
Lifting Beam	By the customer	2

Main Guide

Type	Quantity	Length
Cuttet Up	2	1705 mm
Complet	8	5000 mm

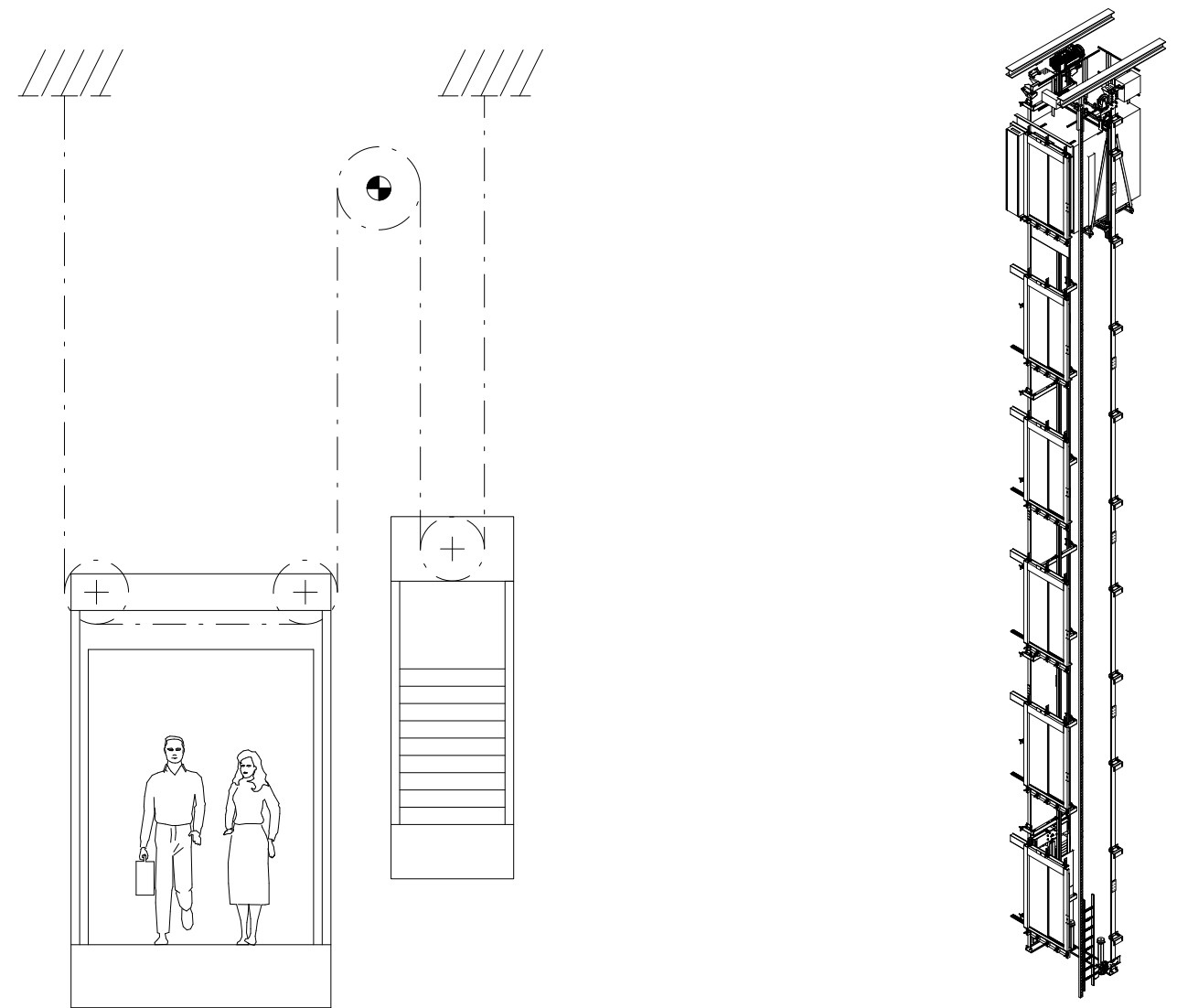
Secondary Rail

Type	Quantity	Length
Cuttet Up	2	1085 mm
Complet	8	5000 mm



Project		Customer :	
House of Fraser London Lift 3 RH Core		BYRNE LIFTS LTD	
Lift Type : ATLAS 2:1		Job Number	
Rated Load : 1000 Kg		KL759110	
Levels : 5	Passengers : 12	Rev.	Page
		Drawing Creation Date	Lang.
		2023 / 10 / 17	en_US
			16 / 16

TOLERANCES		
	Width\Depth	Vertical
Shaft Height ≤ 15m	-0/+20mm	±20mm
15m < Shaft Height ≤ 30m	-0/+25mm	±30mm
Shaft Height > 30m	-0/+30mm	±30mm
Door Position ±10mm		



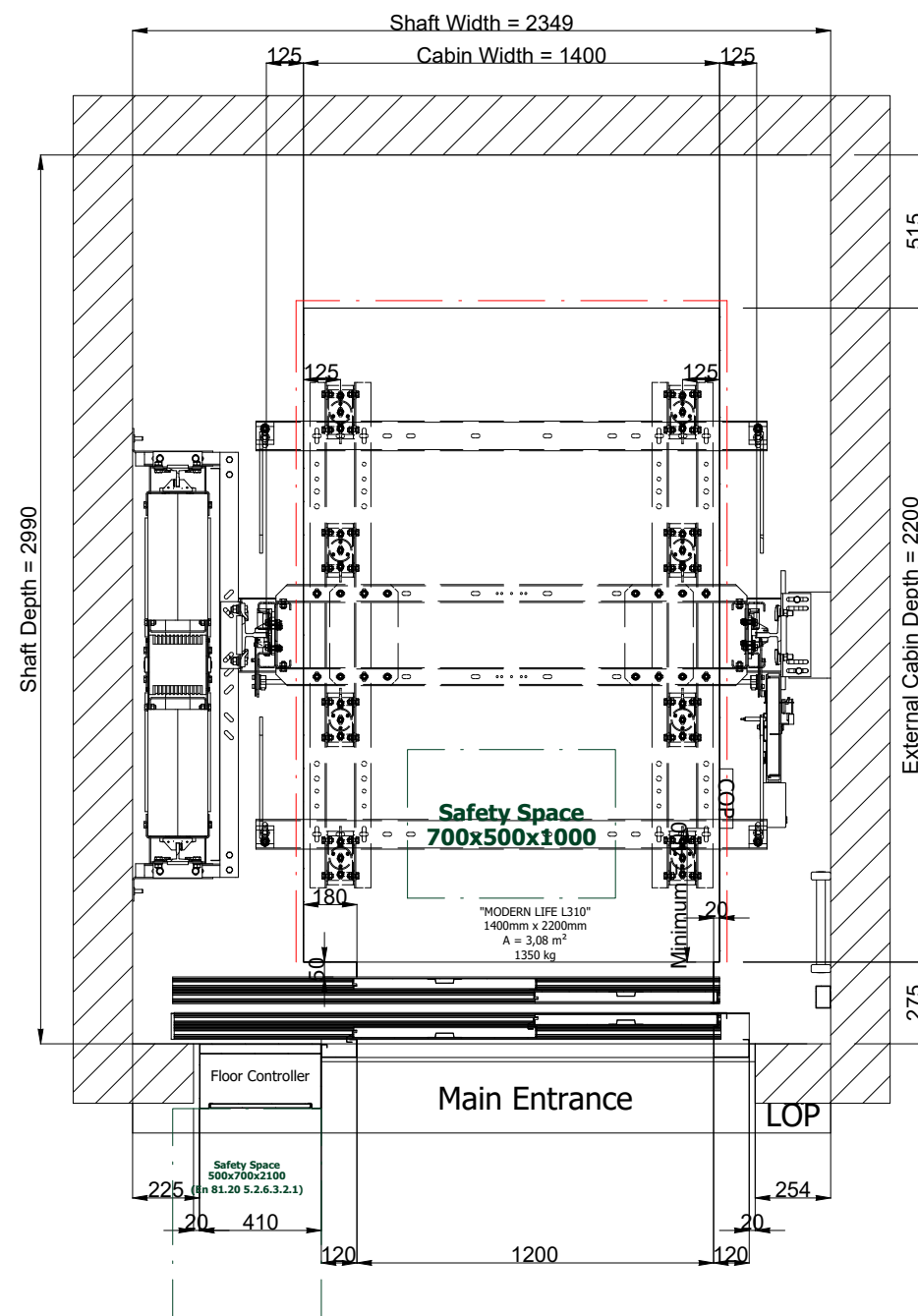
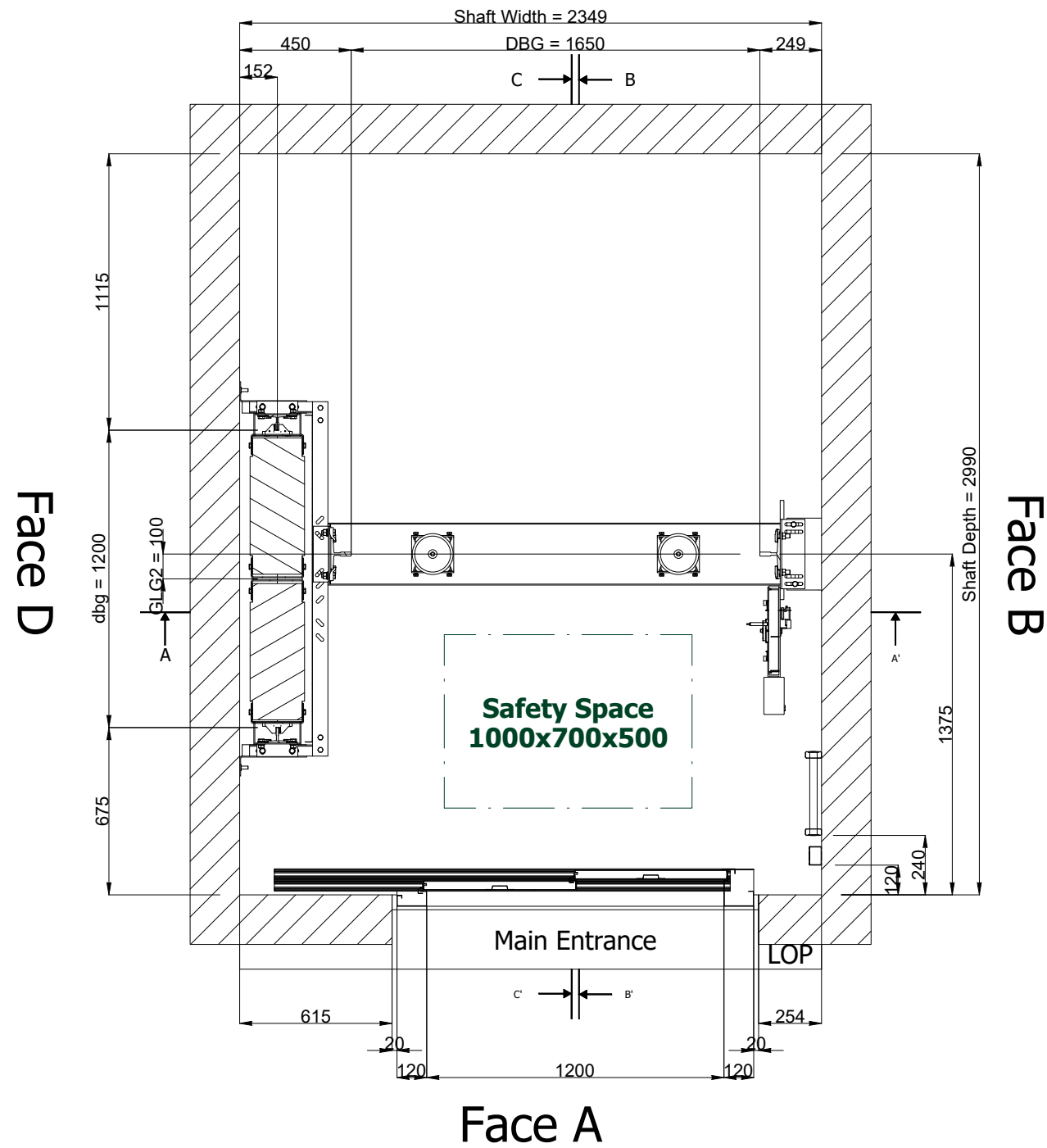
- Summary:
- Page 01. Technical Specifications
 - Page 02. Pit and Headroom Plan View
 - Page 03. Different Landing Plan Views
 - Page 04. Lifting Accessories and Pit Forces
 - Page 05. Forces On The Wall Of Header
 - Page 06. Builder's Views
 - Page 07. Shaft Vertical Sections
 - Page 08. Pit And Headroom Details(1)
 - Page 09. Pit And Headroom Details(2)
 - Page 10. Electrical Boxes at Headroom
 - Page 11. Main Door at levels: B
 - Page 12. Main Door at levels: G to 3
 - Page 13. Main Door at levels: 4
 - Page 14. Scaffolding And Door Barrier
 - Page 15. Elevations
 - Page 16. Miscellaneous Tables

TECHNICAL SPECIFICATIONS OF COMPLETE TRACTION LIFT PACKAGE					
Suspension : 2:1		DBG : 1650 mm	dbg : 1200 mm	Car Buffer : ACLA XL D300401Q	
Car Travel : 20420 mm		Counterweight Guides : 75x62x10/machined		Tension Pulley Type : Tensioner KLT-R Ø235 (1x25kg) 81.20	
Rated Load : 1350 kg		Steel Wire - Ropes : 9 x 8.0 mm		Main Door : 2-P Telescopic Left	
Car Speed : 1 m/sec		Motor Type : KLEEMANN RN ER3-161P0B		Rear Door : Doesn't Exist	
Voltage : 3phase-400V		Nominal Power : 10,8 kW		Left Door : Doesn't Exist	
Levels : 6		Nominal Current : 27,5 A	Starting Current : 41,2 A	Right Door : Doesn't Exist	
Machine Room : mrl		Car Dims : 1400 x 2200 x 2200 mm		Motor Frequency : 50 Hz	
Car Guides Rails : 125x82x16/machined		Door(s) Weight : 120 kg		Job Number KL759112	
Responsible Dept. Engineering dept.	Technical Reference Malakoudis A.	Created By TOLIS CHRISTOS	Approved By	Document Type Elevator Plan	Document Status Final
		Project HOF Service lift		Customer : BYRNE LIFTS LTD	
		Lift Type : ATLAS GIGAS R		Reference Number No	
Rated Load : 1350 Kg		Levels : 6		Passengers : 18	Rev. Drawing Creation Date Lang. Page 2023 / 10 / 17 en_US 1 / 16

SHAFT, Plan View SCALE 1:25

PIT, Plan View Face C

Headroom View

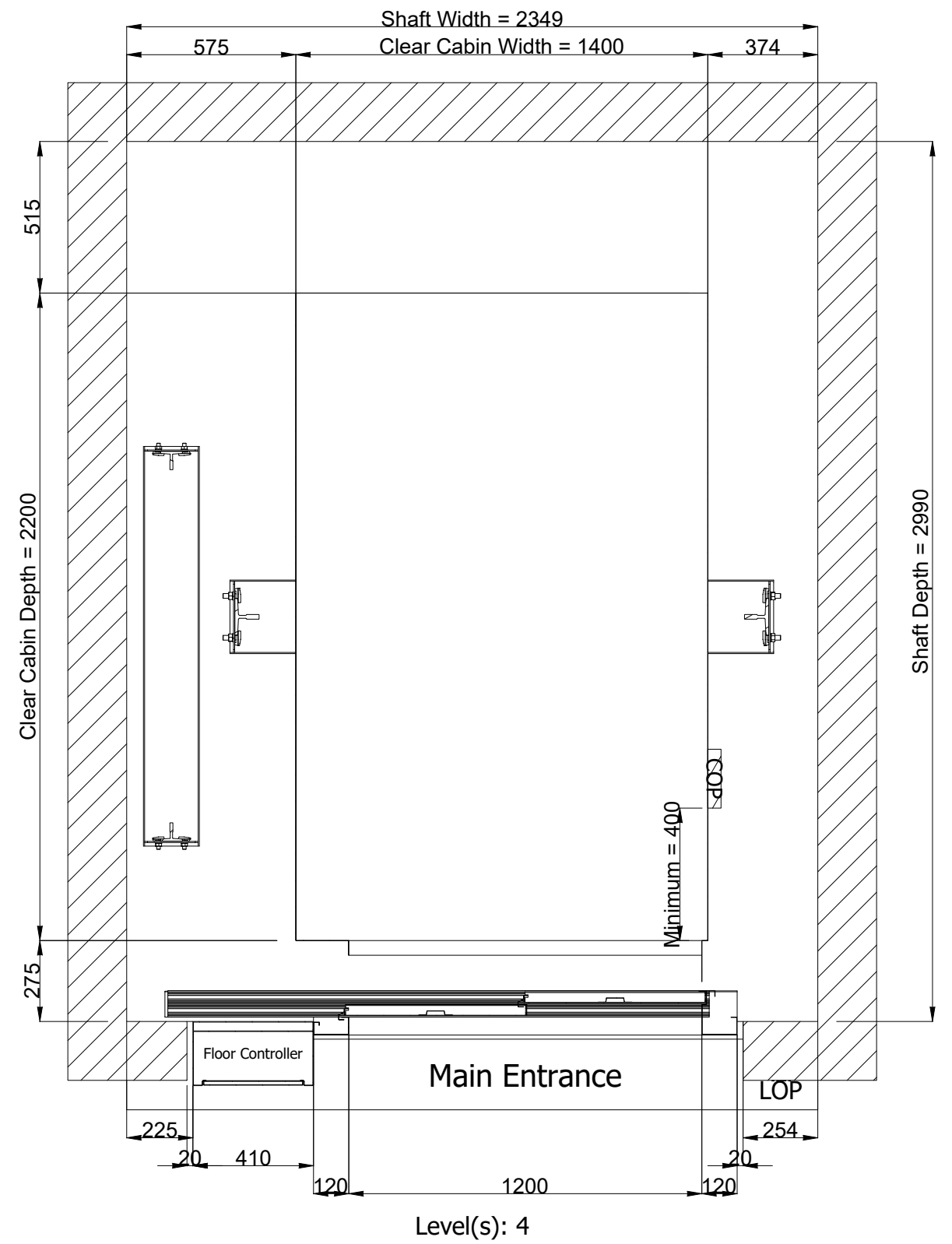
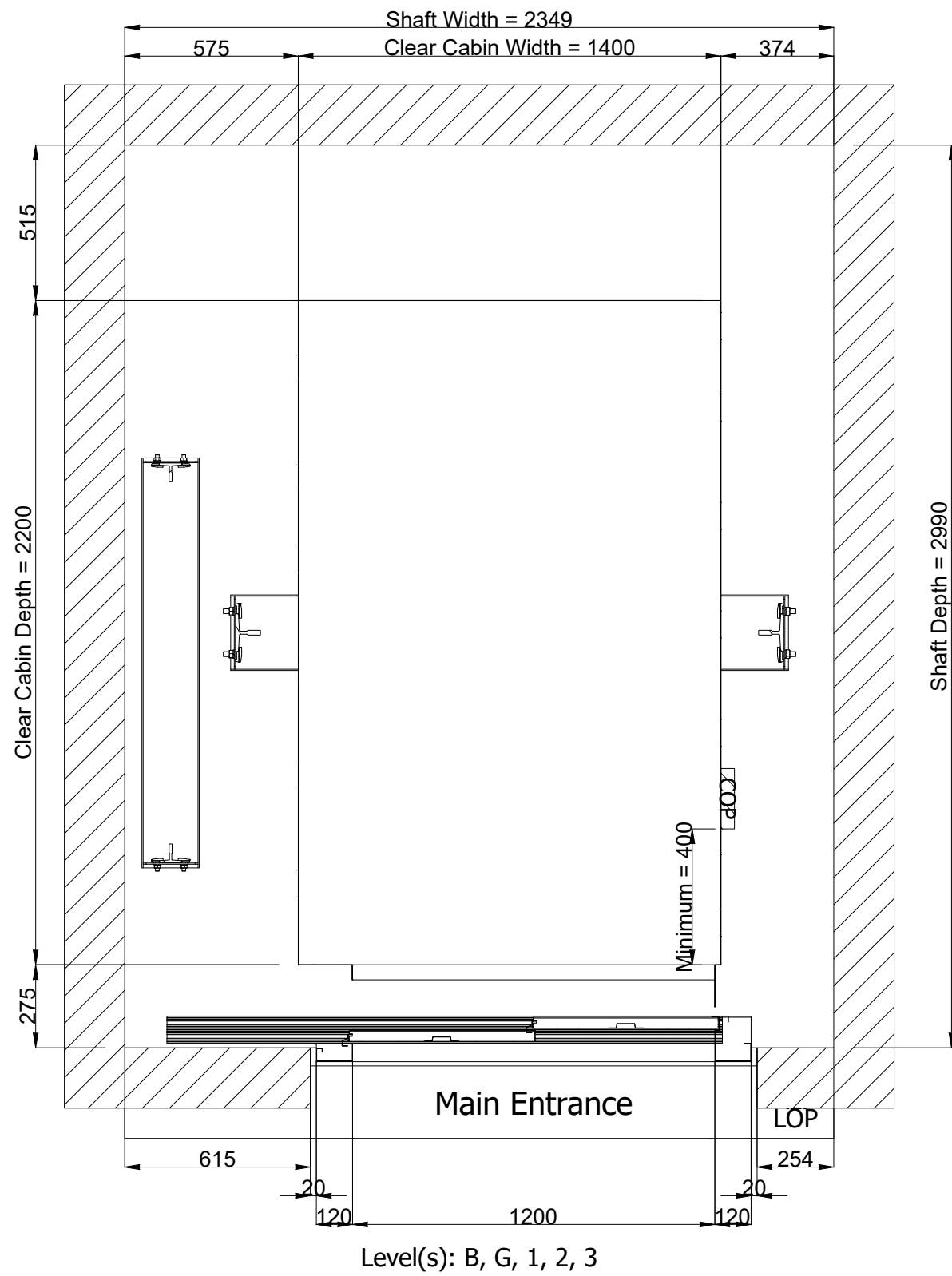


The Pit plan view depicts the shaft at the altitude of the landing 'B' with the cabin at a higher landing.
The Headroom plan view depicts the shaft at the altitude of the landing '4' with the cabin at that landing.




Project		Customer :	
HOF Service lift		BYRNE LIFTS LTD	
Lift Type : ATLAS GIGAS R		Job Number	
Rated Load : 1350 Kg		KL759112	
Levels : 6	Passengers : 18	Rev.	Page
		Drawing Creation Date	Lang.
		2023 / 10 / 17	en_US
			2 / 16

Different Landing Plan Views SCALE 1:20

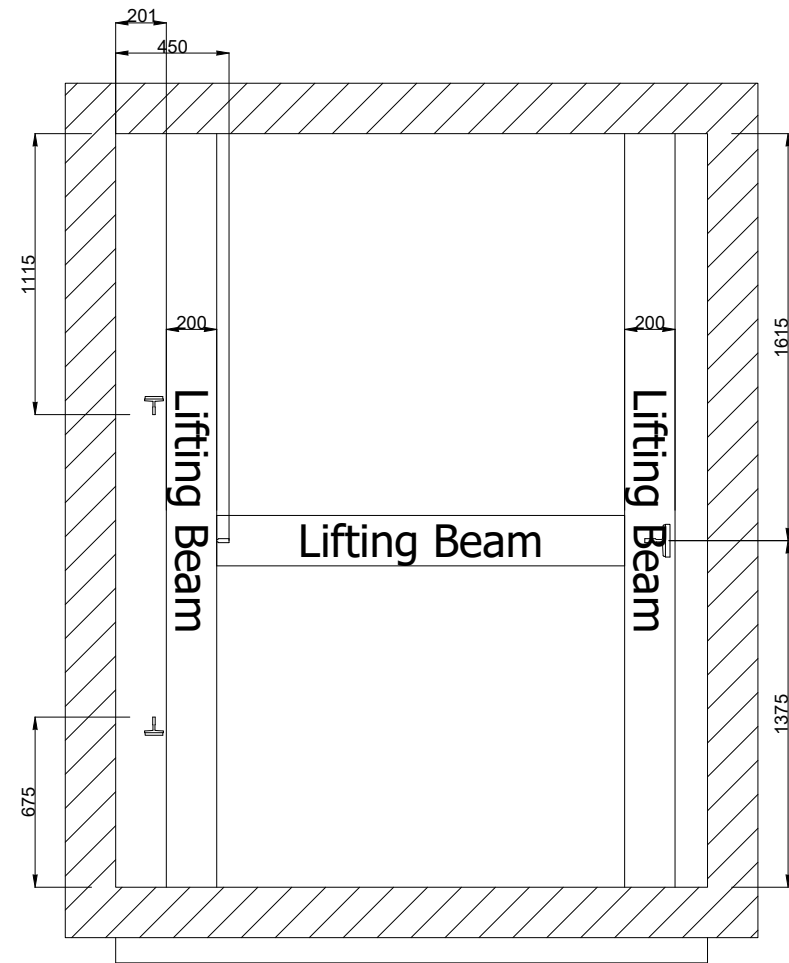


Each of the above landings, depicts what someone would see while looking from the level of the first appearance of that landing. In each landing, only the dimensioned doors are active. (See front elevation page(s))

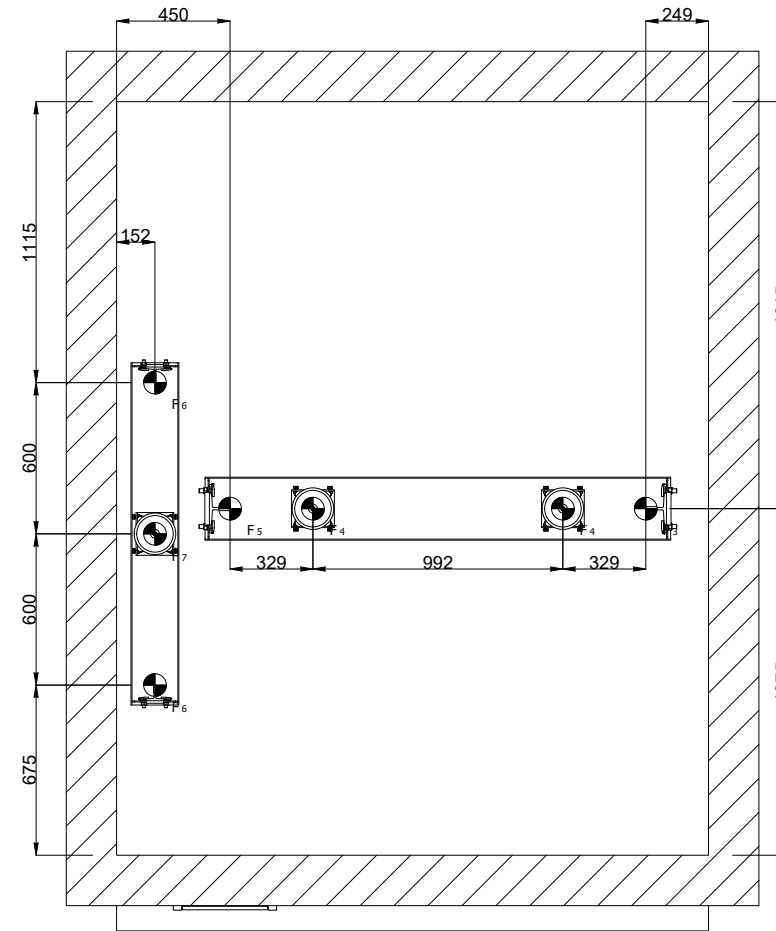
 <p>KLEEMANN Your 1st Choice in Lifts</p>	Project	Customer :		
	HOF Service lift Lift Type : ATLAS GIGAS R	BYRNE LIFTS LTD		
	Rated Load : 1350 Kg Levels : 6	Job Number KL759112		
Passengers : 18	Rev.	Drawing Creation Date	Lang.	Page
		2023 / 10 / 17	en_US	3 / 16

Lifting Accessories and Pit Forces SCALE 1:30

Headroom View



Forces on the Pit

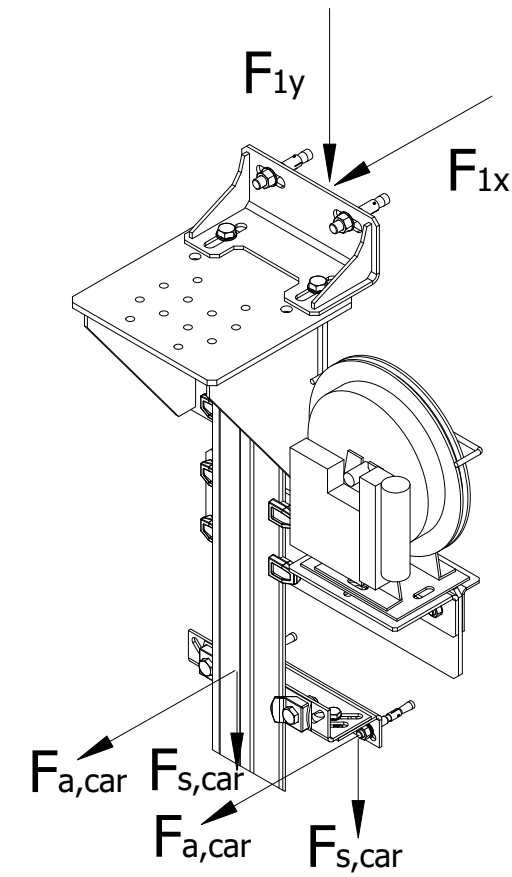
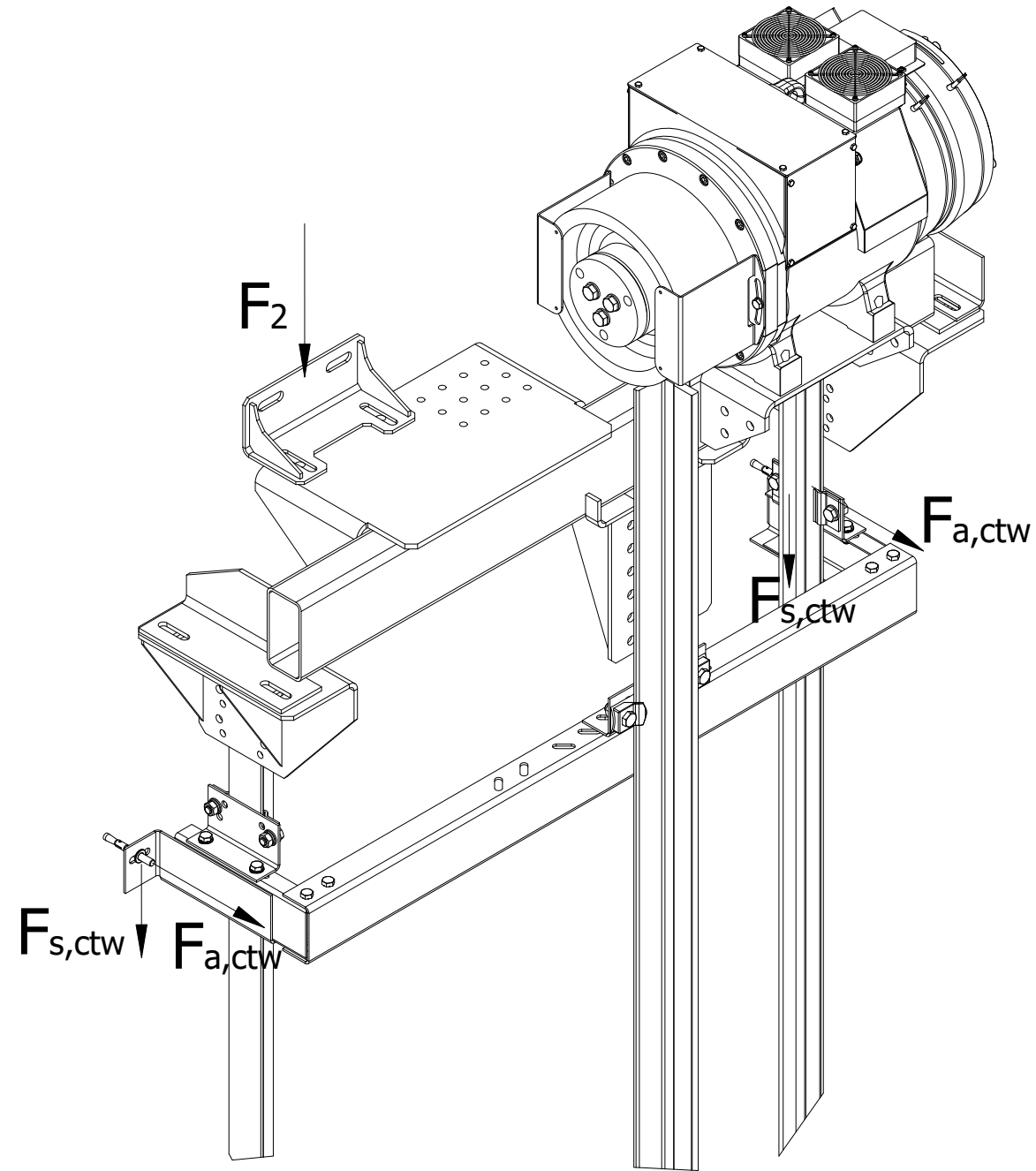


PIT FORCES	
F3	62800 N
F4	62800 N
F5	97400 N
F6	24200 N
F7	94200 N
Guide Rail Forces	
Fx	2150 N
Fy	2370 N

Any information presented about lifting beams or hooks is indicative.
KLEEMANN shall not be considered responsible for the actual ones used on site.

	Project :	Customer :
	HOF Service lift	BYRNE LIFTS LTD
	Lift Type : ATLAS GIGAS R	Job Number
Rated Load : 1350 Kg	KL759112	Rev.
Levels : 6	Passengers : 18	Drawing Creation Date
		Lang.
		Page
		2023 / 10 / 17
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Forces On The Wall Of Header



Forces On The Wall Of Header	
F1x	8500 N
F1y	3200 N
F2	2250 N
Fa,car	1340 N
Fs,car	1070 N
Fa,ctw	610 N
Fs,ctw	1070 N



Project
HOF Service lift
Lift Type : ATLAS GIGAS R
Rated Load : 1350 Kg
Levels : 6

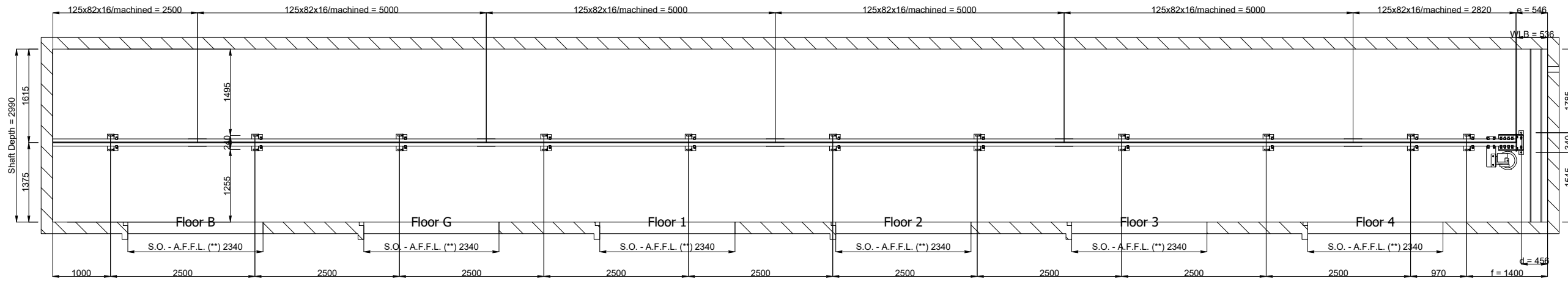
Customer :
BYRNE LIFTS LTD
Job Number
KL759112
Rev. Drawing Creation Date Lang. Page
2023 / 10 / 17 en_US 5 / 16

Passengers : 18

Builder's Views SCALE 1: 80

D

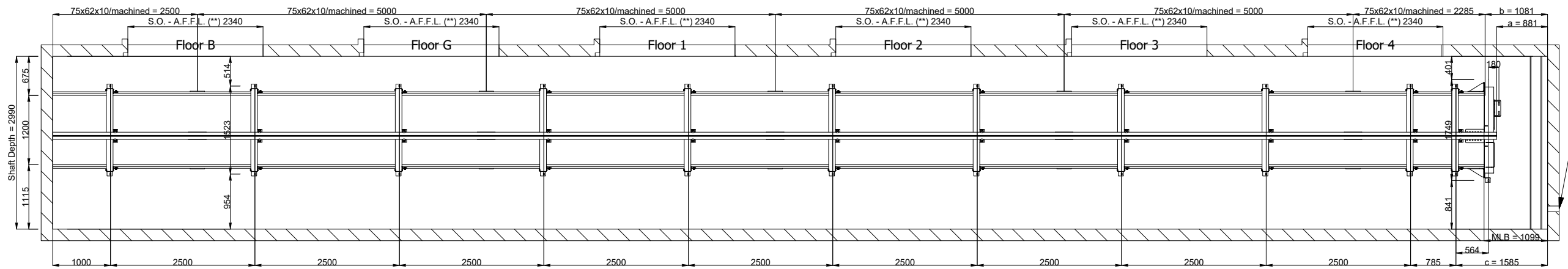
D



C-C'

C

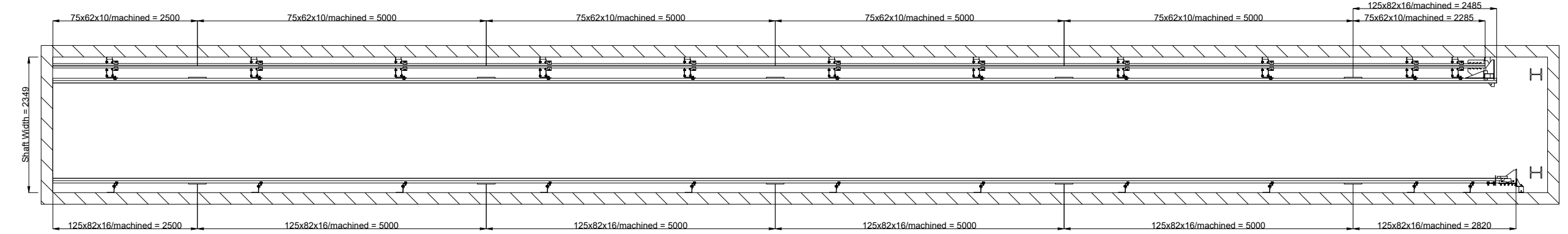
C



B-B'

B

B




A-A'

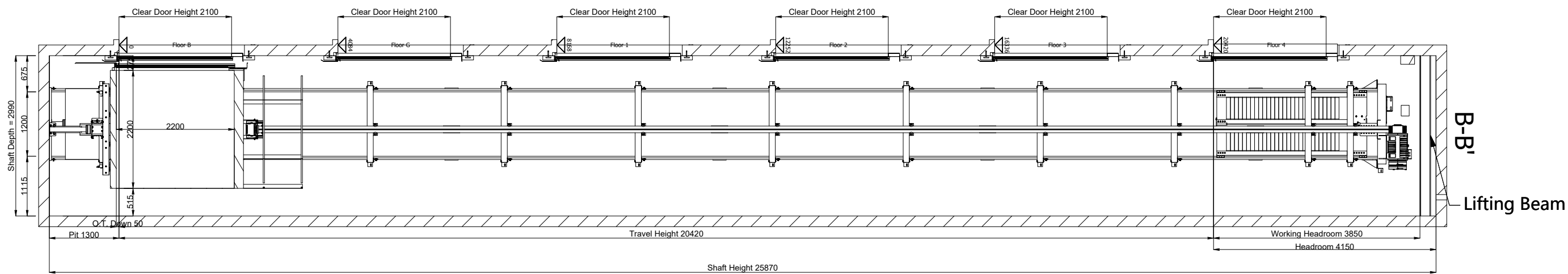
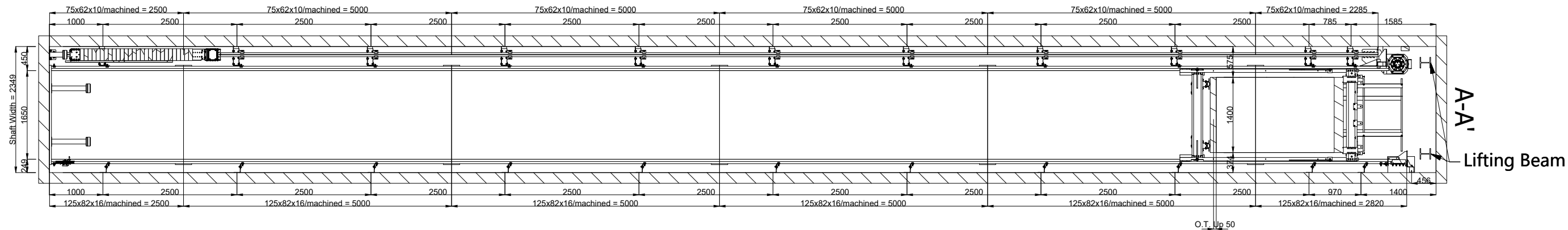
A


A

**Structural Opening - Above Finished Floor Level

 <p>KLEEMANN Your 1st Choice in Lifts</p>	Project	Customer :		
	HOF Service lift	BYRNE LIFTS LTD		
Lift Type : ATLAS GIGAS R	Rated Load : 1350 Kg	Job Number	KL759112	
Levels : 6	Passengers : 18	Rev.	Drawing Creation Date	Lang. Page
			2023 / 10 / 17	en_US 6 / 16

Shaft Vertical Sections SCALE 1:80

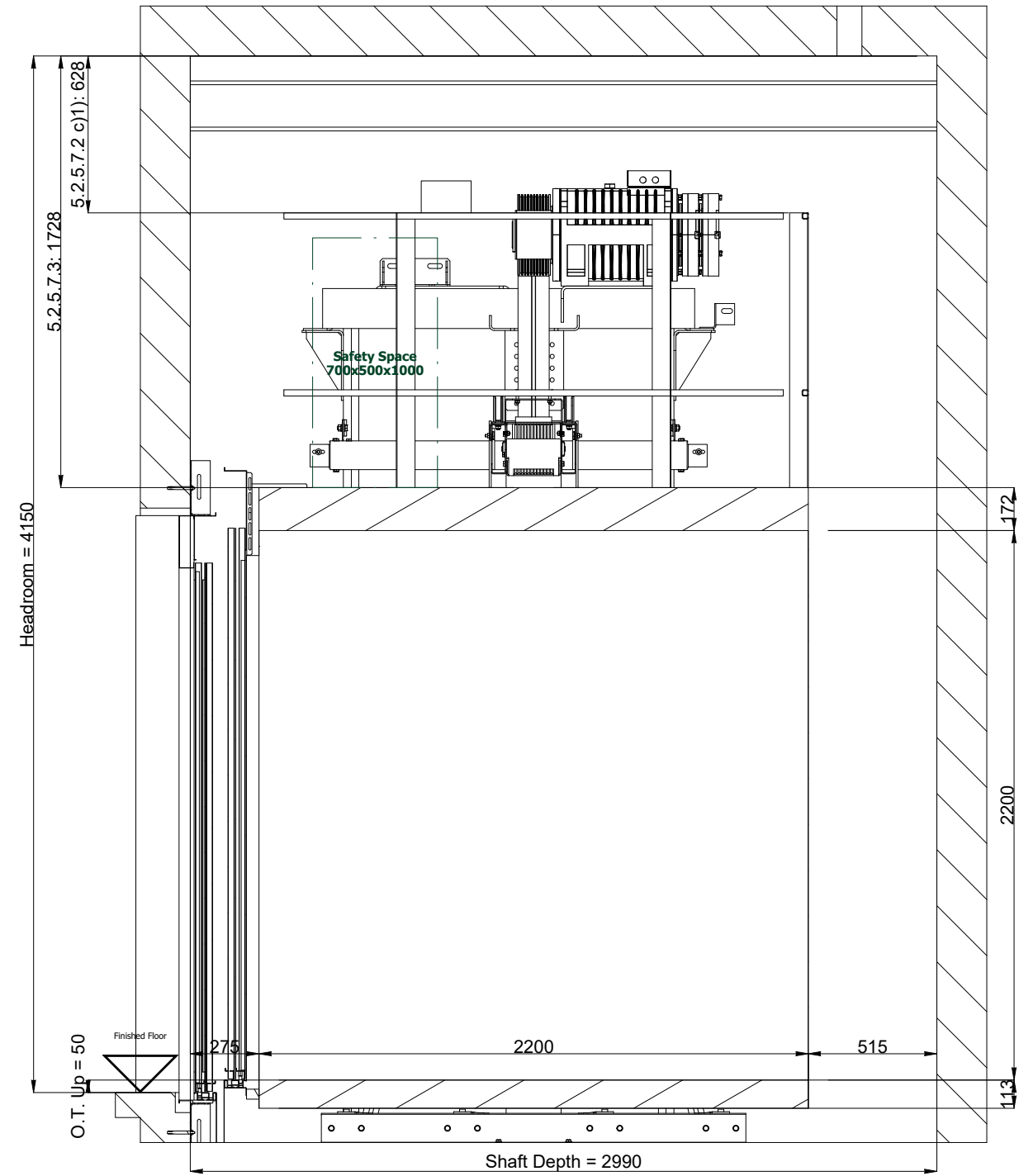
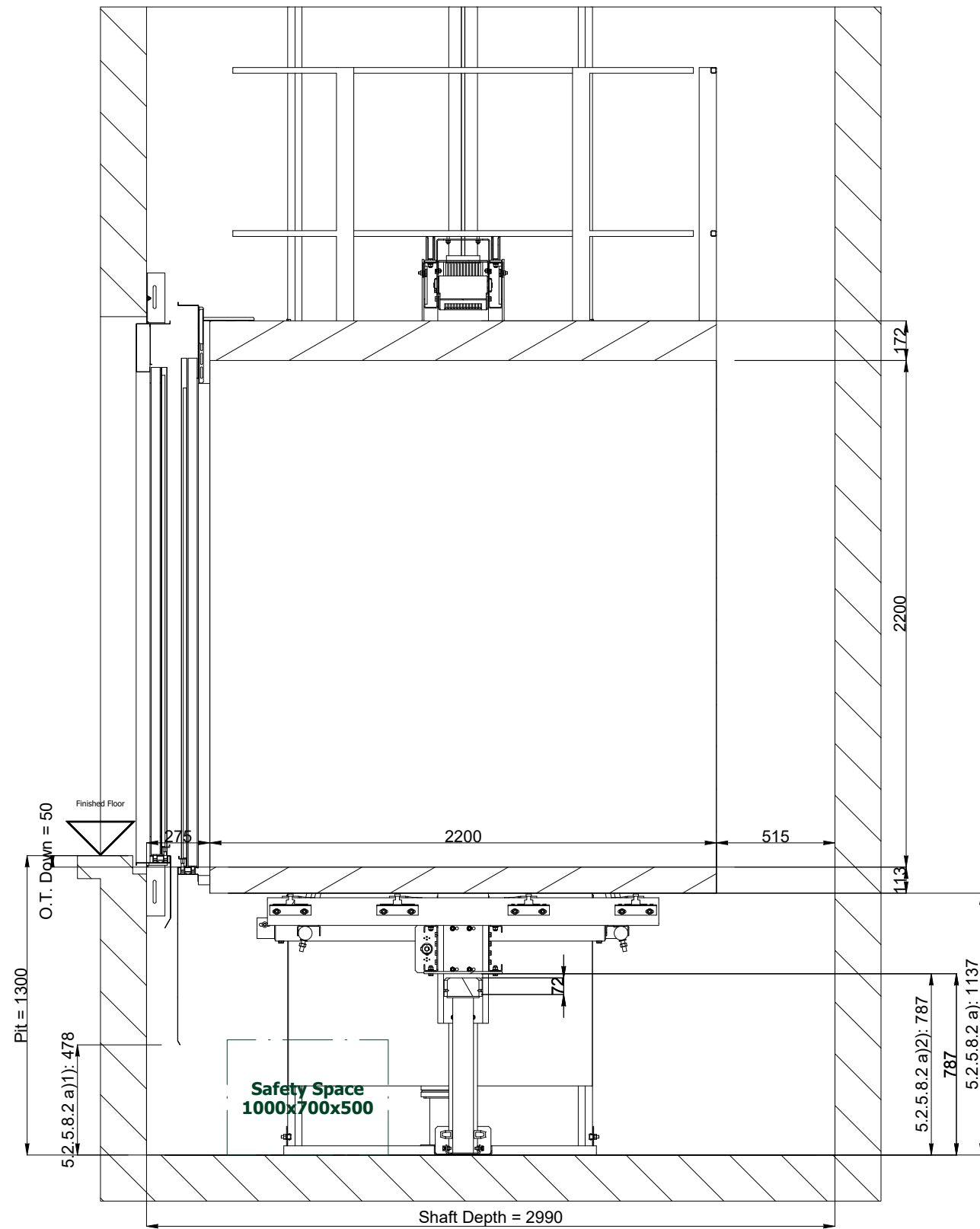


 KLEEMANN Your 1 st Choice in Lifts	Project		Customer :	
	HOF Service lift		BYRNE LIFTS LTD	
	Lift Type : ATLAS GIGAS R		Job Number	
Rated Load : 1350 Kg		KL759112		
Levels : 6	Passengers : 18	Rev.	Drawing Creation Date	Lang. Page
			2023 / 10 / 17	en_US 7 / 16


Pit And Headroom Details(1) SCALE 1: 25

Pit Detail

Headroom Detail



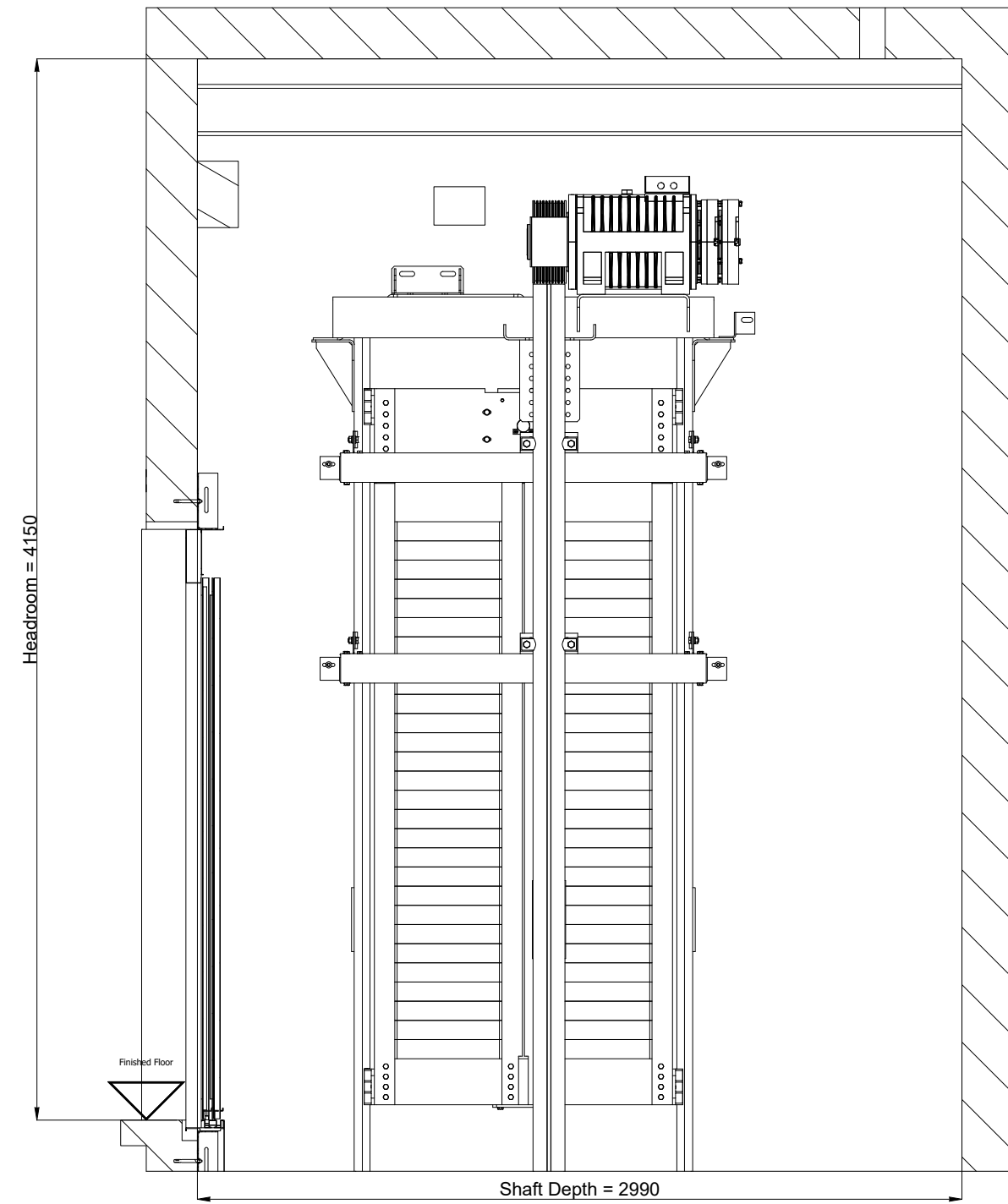
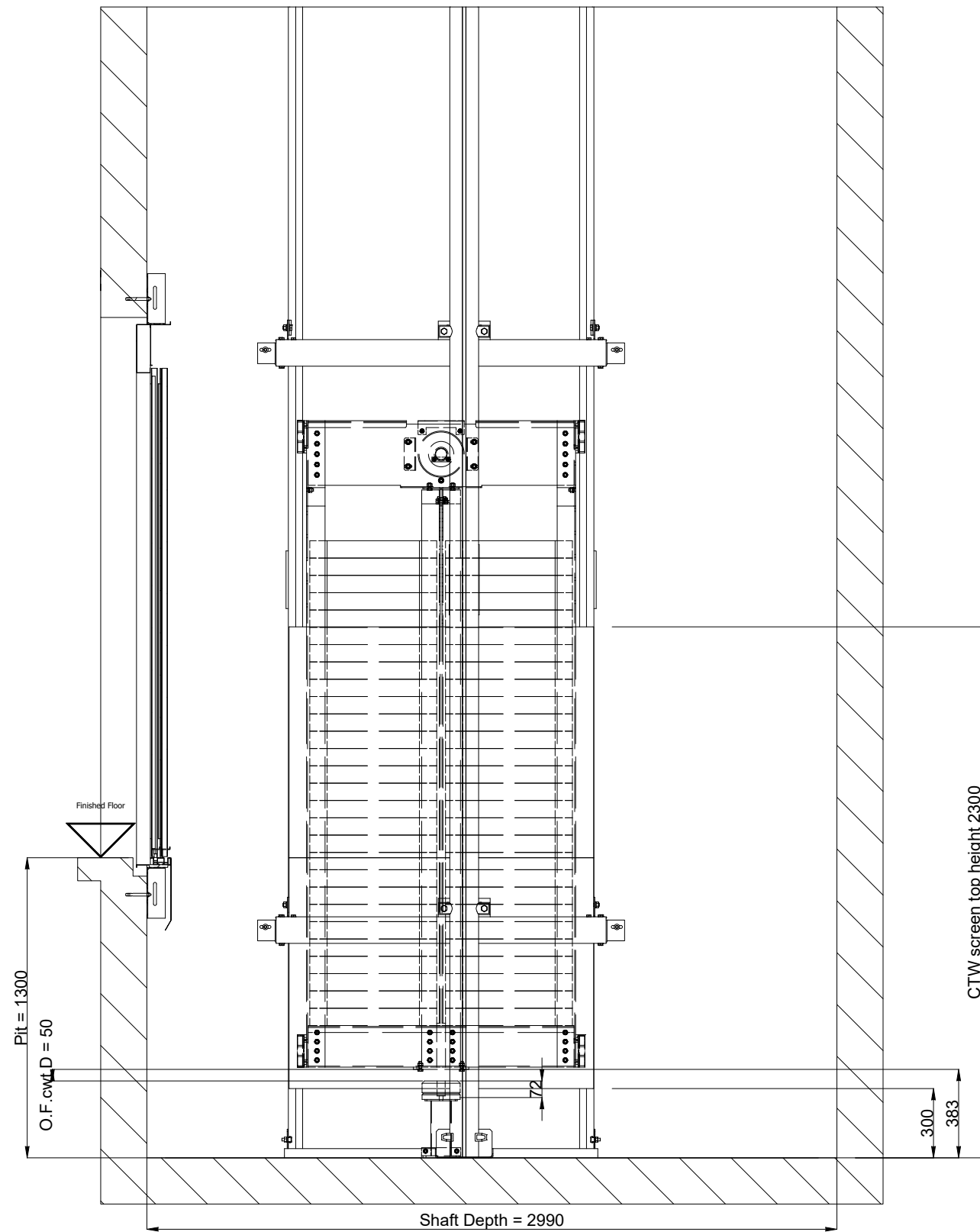
Clauses mentioned in these drawings refer to EN 81-20

 <p>KLEEMANN Your 1st Choice in Lifts</p>	Project	Customer :			
	HOF Service lift	BYRNE LIFTS LTD			
	Lift Type : ATLAS GIGAS R	Job Number			
	Rated Load : 1350 Kg	KL759112			
Levels : 6	Passengers : 18	Rev.	Drawing Creation Date	Lang.	Page
			2023 / 10 / 17	en_US	8 / 16

Pit And Headroom Details(2) SCALE 1:25

Pit Detail

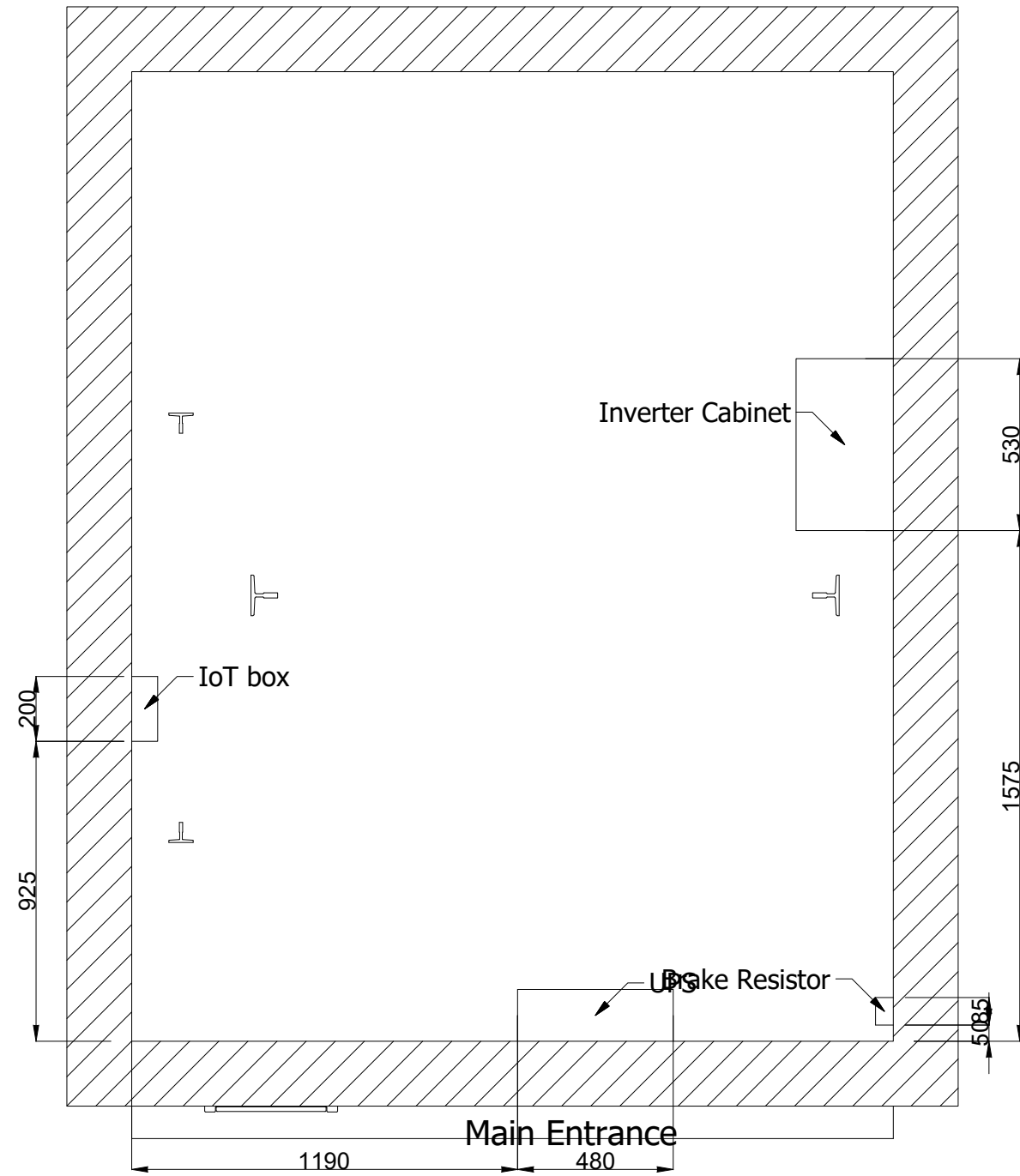
Headroom Detail



Project		Customer :	
HOF Service lift		BYRNE LIFTS LTD	
Lift Type : ATLAS GIGAS R		Job Number	
Rated Load : 1350 Kg		KL759112	
Rev.	Drawing Creation Date	Lang.	Page
Levels : 6	2023 / 10 / 17	en_US	9 / 16
Passengers : 18			

Electrical Boxes at Headroom SCALE 1:20

Headroom Electrical Boxes View

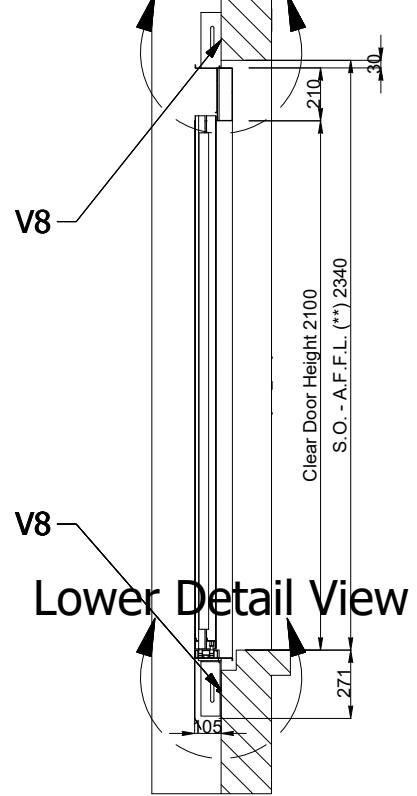


Headroom Electrical Boxes Characteristics					
Box	Type	Distance from Headroom	Length	Depth	Height
UPS	2000VA 1800W	400 mm	480 mm	160 mm	260 mm
Inverter Cabinet	Subpanel H:500XW:530XD:300	400 mm	530 mm	300 mm	500 mm
Brake Resistor	-	400 mm	85 mm	55 mm	550 mm
IoT box	-	500 mm	200 mm	80 mm	150 mm

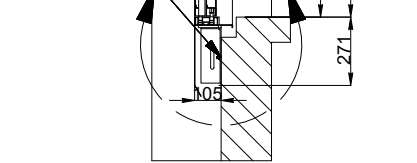
	Project	Customer :			
	HOF Service lift	BYRNE LIFTS LTD			
	Lift Type : ATLAS GIGAS R	Job Number			
Rated Load : 1350 Kg	KL759112				
Levels : 6	Passengers : 18	Rev.	Drawing Creation Date	Lang.	Page
			2023 / 10 / 17	en_US	10 / 16

Main Door at levels: B SCALE 1:30

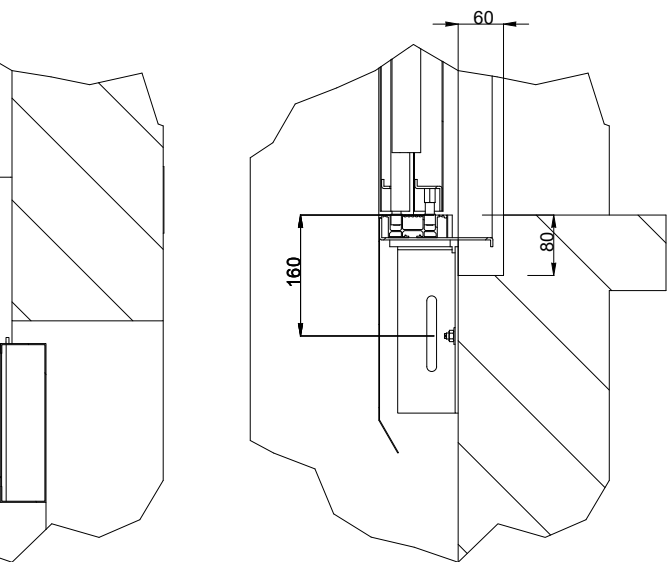
Upper Detail View



Lower Detail View

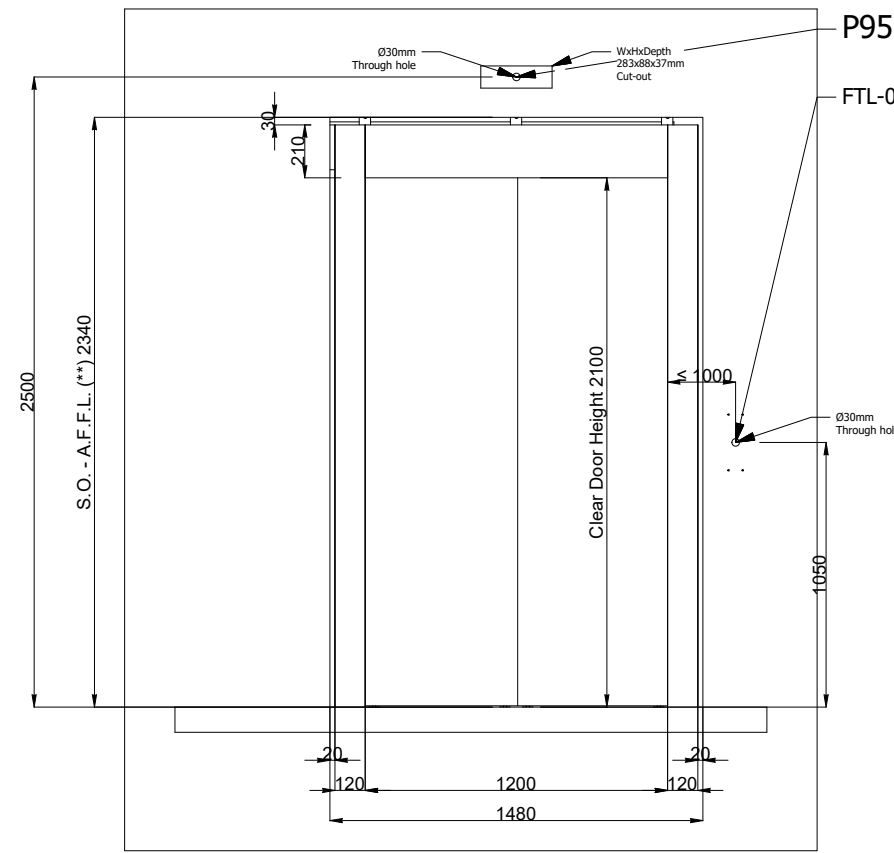


Section View

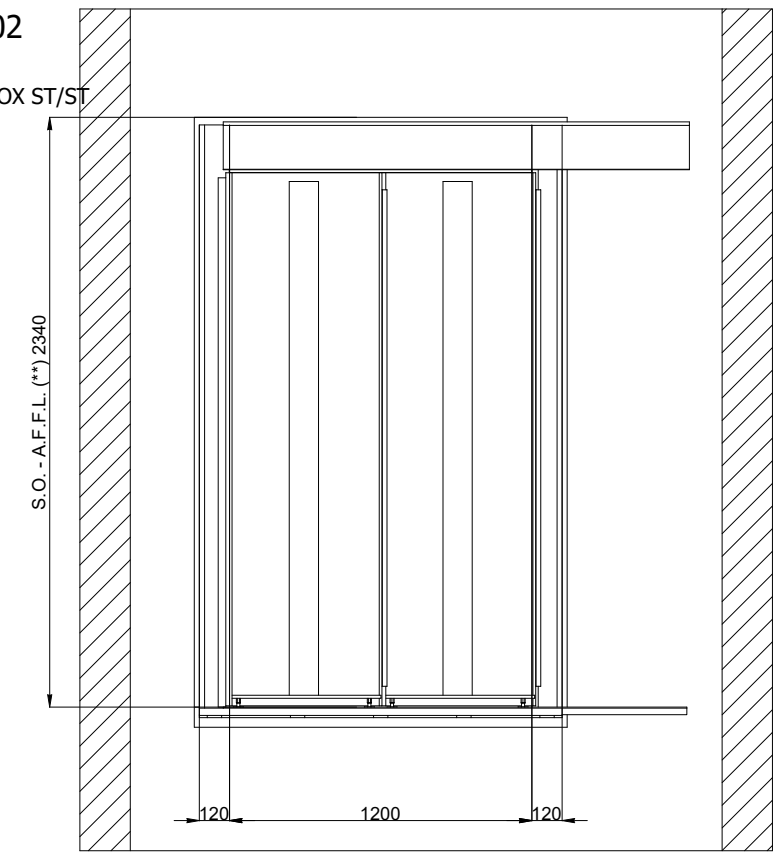


Upper Detail View

Lower Detail View



Outside View



Inside View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

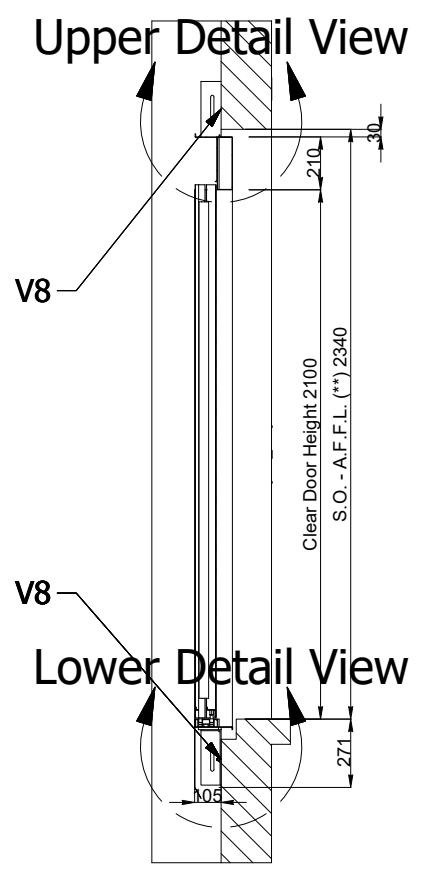
Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 441
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 441

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.

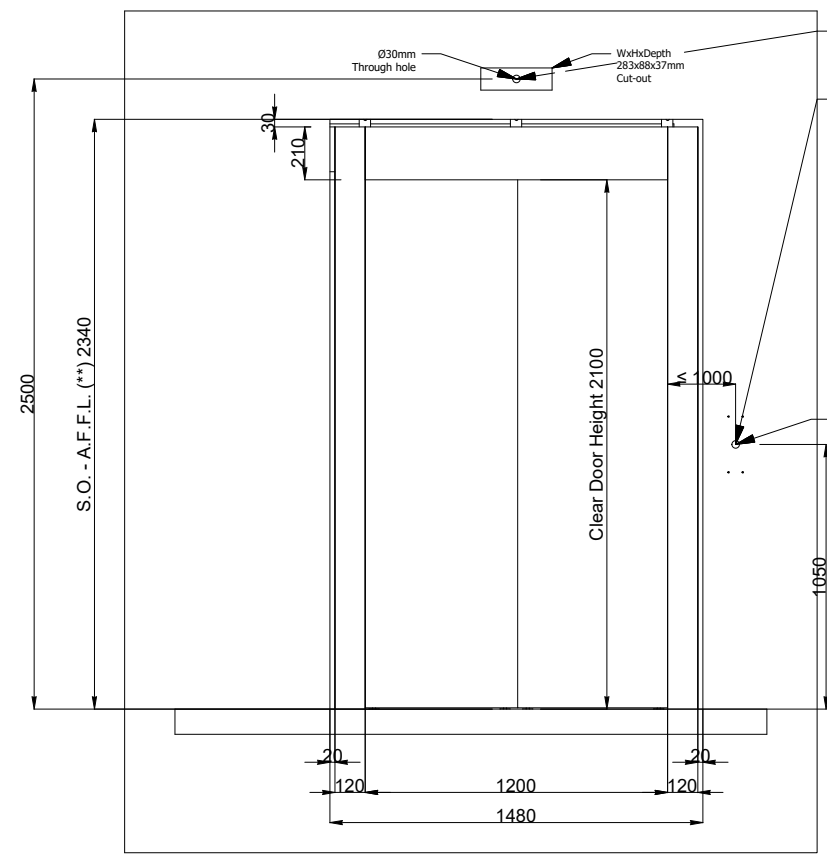
**Structural Opening - Above Finished Floor Level

Project		Customer :	
HOF Service lift		BYRNE LIFTS LTD	
Lift Type : ATLAS GIGAS R		Job Number	
Rated Load : 1350 Kg		KL759112	
Levels : 6	Passengers : 18	Rev.	Drawing Creation Date
		Lang.	Page
		2023 / 10 / 17	en_US 11 / 16

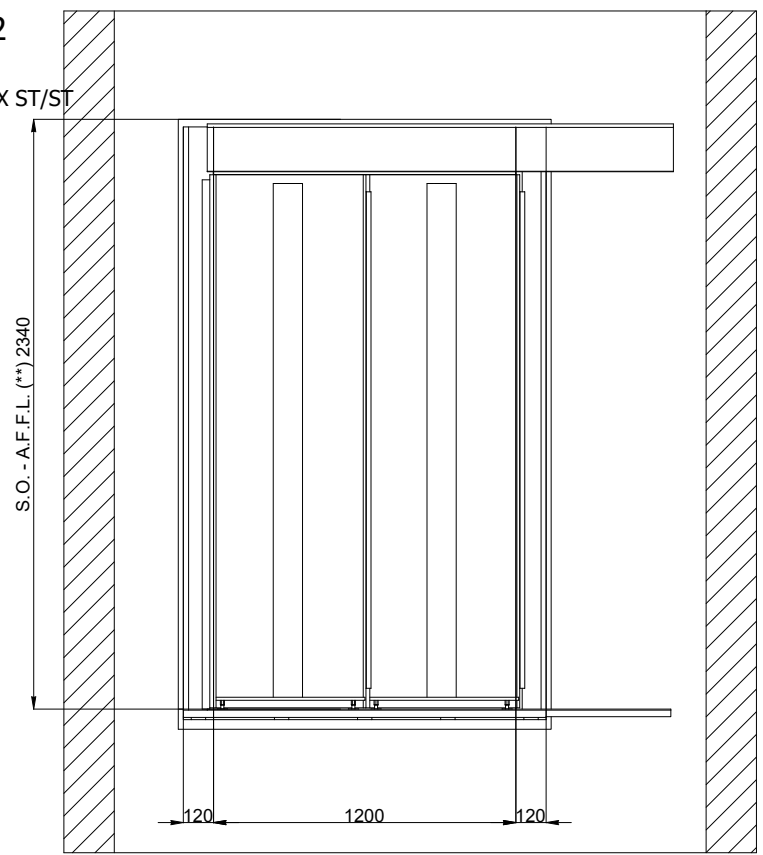
Main Door at levels: G to 3 SCALE 1:30



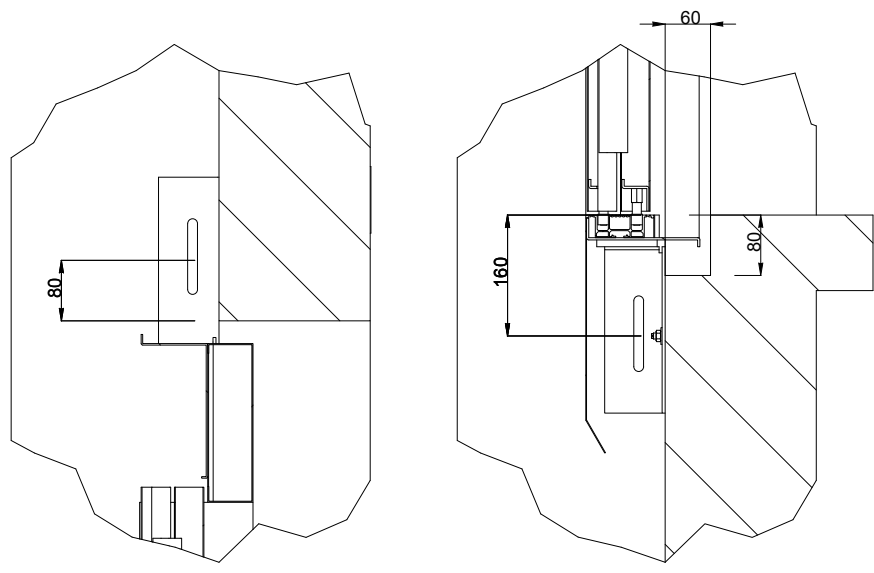
Section View



Outside View



Inside View



Upper Detail View


Lower Detail View

If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 441
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 441

* LOPs and indicators shape is indicative. Please check the doors characteristics table for further details.

**Structural Opening - Above Finished Floor Level



KLEEMANN
Your 1st Choice in Lifts

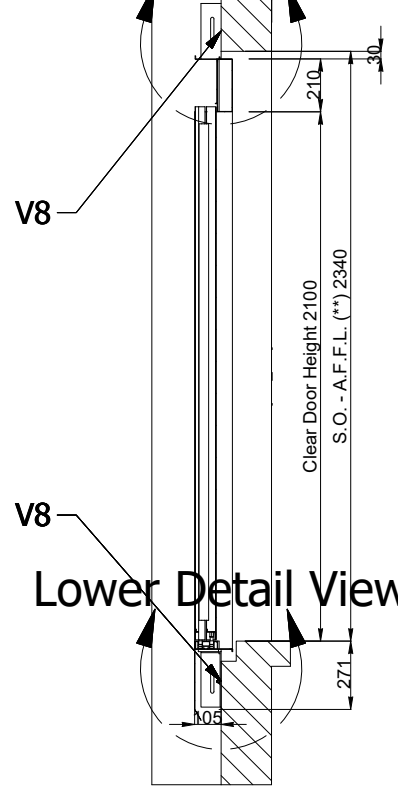
Project: HOF Service lift
Lift Type: ATLAS GIGAS R
Rated Load: 1350 Kg
Levels: 6

Customer: **BYRNE LIFTS LTD**
Job Number: **KL759112**

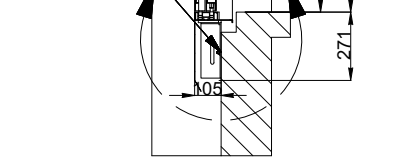
Rev.	Drawing Creation Date	Lang.	Page
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Main Door at levels: 4 SCALE 1:30

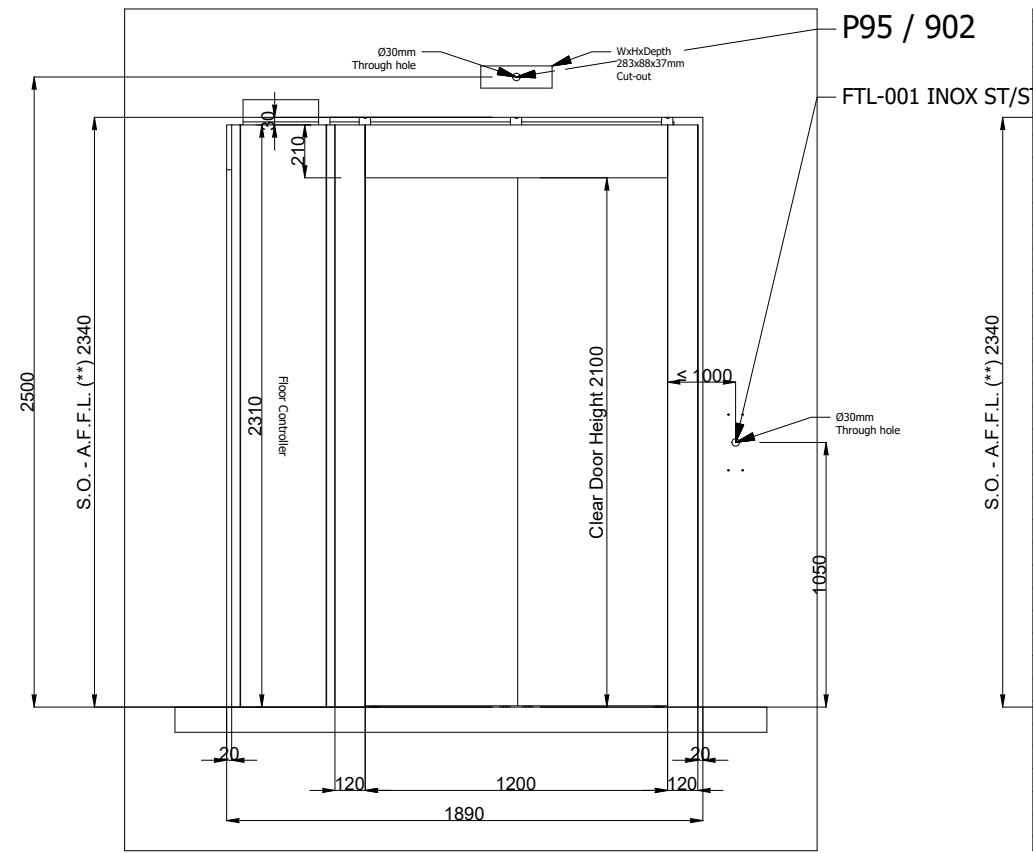
Upper Detail View



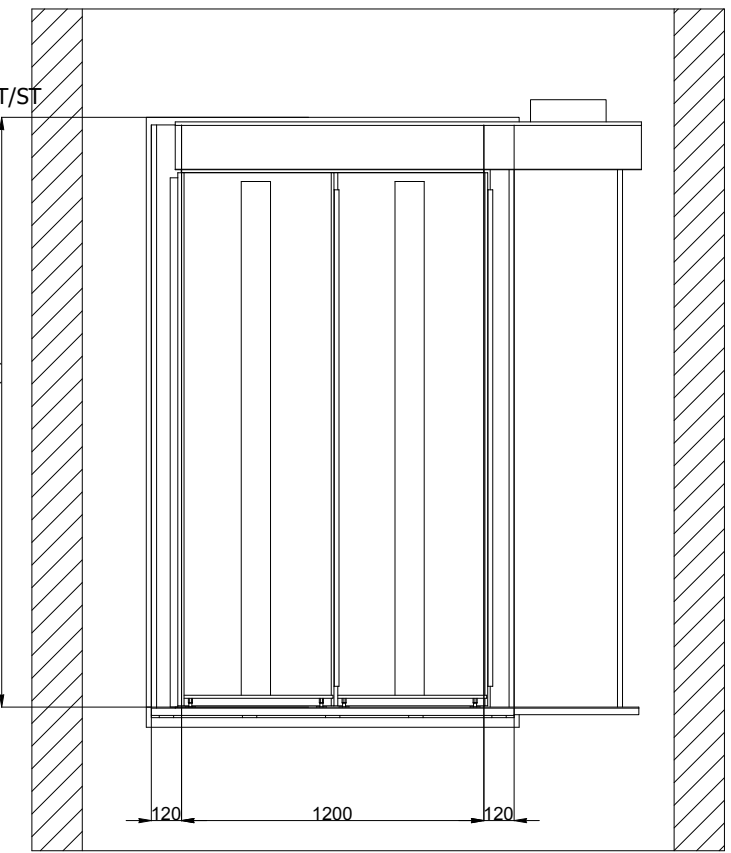
Lower Detail View



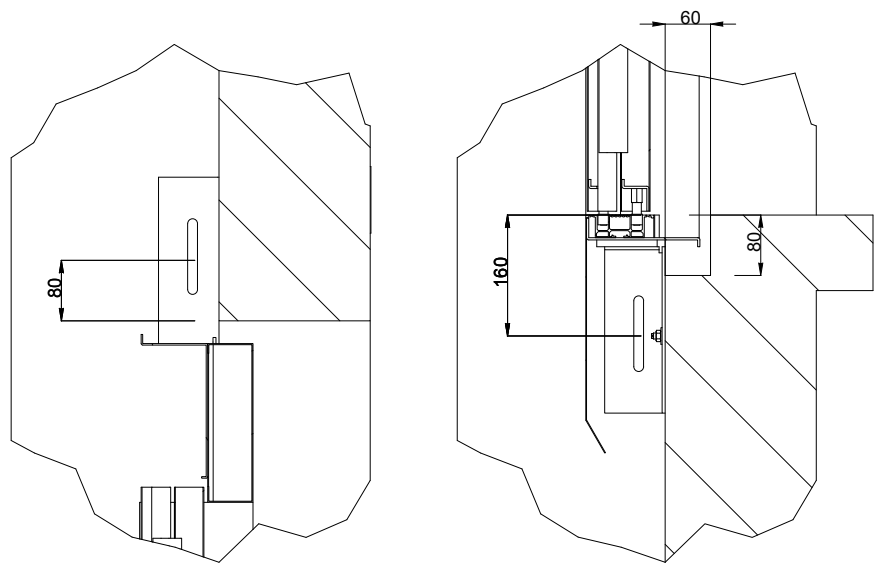
Section View



Outside View

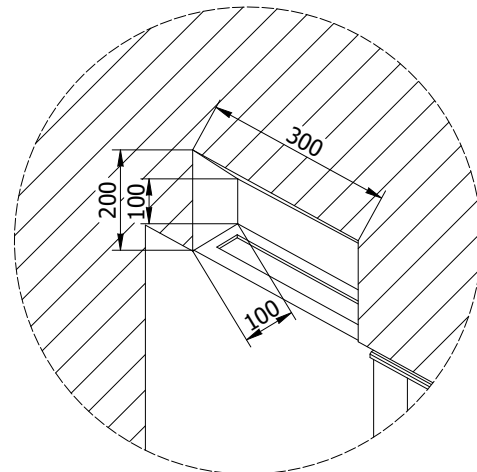


Inside View



Upper Detail View


Lower Detail View



If any landing operation panels or landing indicators are mounted to the wall, it is an exclusive responsibility of others to ensure the Equipment finishes and location abide by any regulations' requirements, including but Not limited to EN.81-20, EN.81-70 requirements.

Door Characteristics	
Feature	Value
Door Panels Type	ST/ST
Door Panels Finishing Type	Satin AISI 441
Door Frames Type	ST/ST
Frame Finishing	Satin AISI 441

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.
**Structural Opening - Above Finished Floor Level



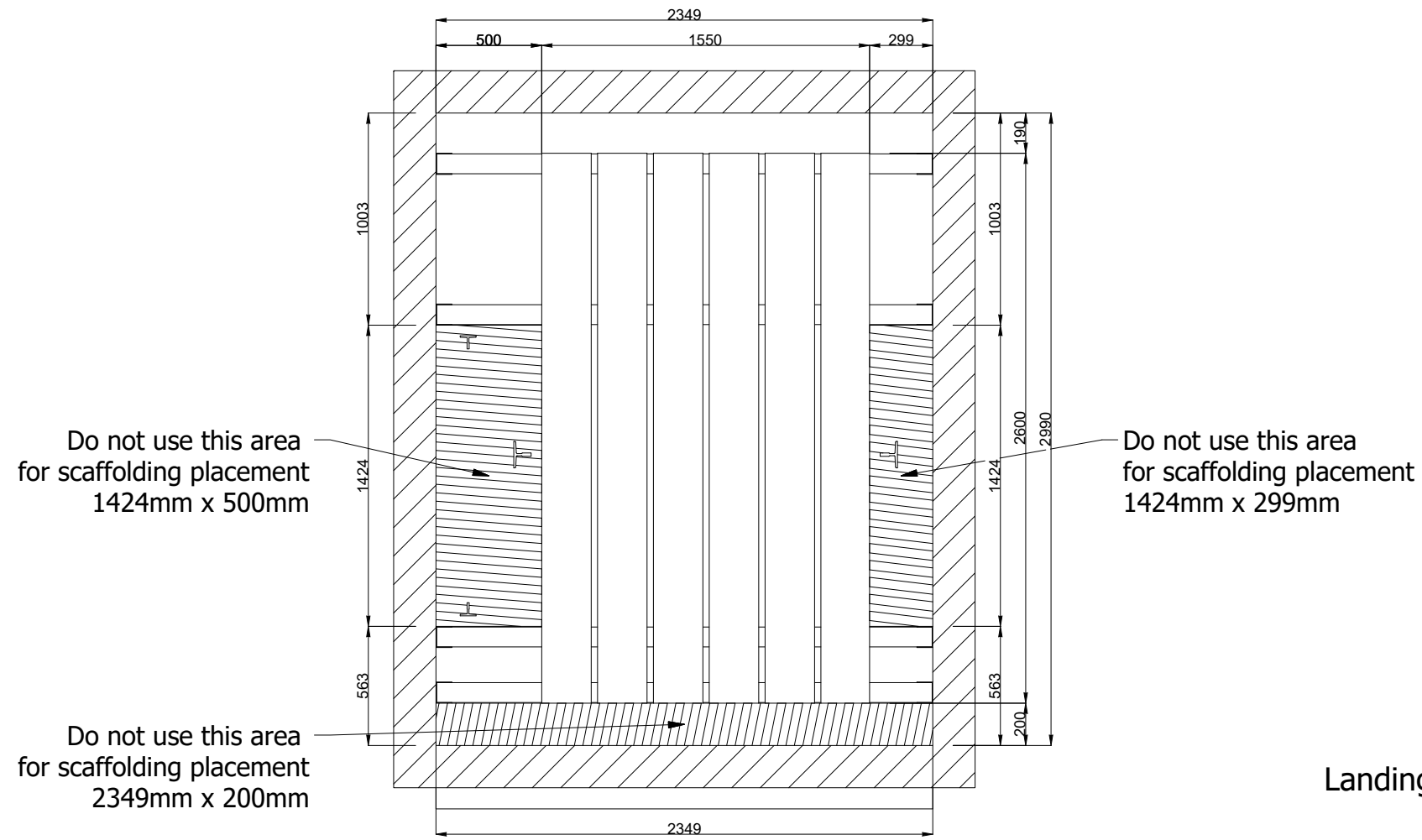
KLEEMANN
Your 1st Choice in Lifts

Project: HOF Service lift
Lift Type: ATLAS GIGAS R
Rated Load: 1350 Kg
Levels: 6
Passengers: 18

Customer: **BYRNE LIFTS LTD**
Job Number: **KL759112**

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Scaffolding And Door Barrier SCALE 1:30



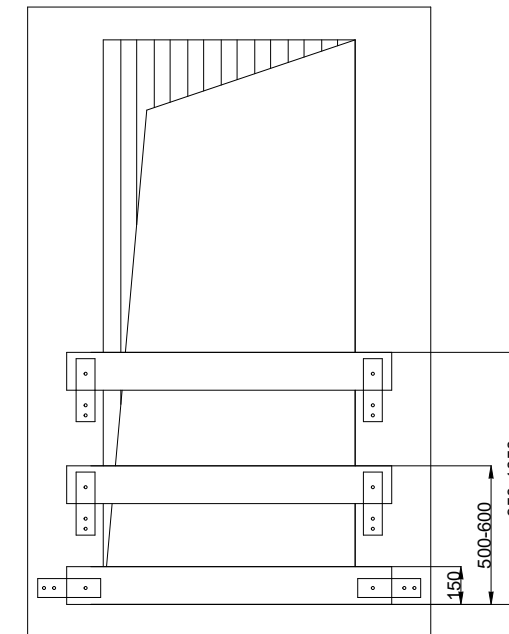
The scaffolding dimensions are indicative.
Calculations were made using scaffoldings' beams 100mm of width

The plan view with the scaffolding is a product of an automated study,
To be checked by the installation engineer before submitting the drawings to the builder

GENERAL MAIN CONTRACTORS NOTES FOR SCAFFOLDING

Provide and install suitable scaffolding with fixings, ladders and close guarding to a scaffolding provided by Lift Engineers, or alternatively to the lift engineers requirements to suit site specific issues, including disassembly and reassembly scaffolding phases.

Shaft Door Barrier

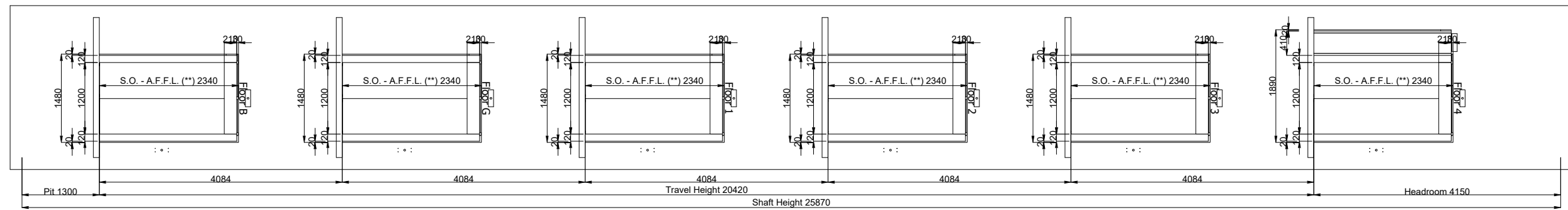


Landing Protection By Principal Contractor

1. Principal Contractors to provide at each landing entrance a suitable landing entrance protection system as shown until Lift Contractors have completed the installation of all landing doors.
2. This protection must be able to withstand a load of 90KG applied from the landing on each barrier bar.

	Project	Customer :		
	HOF Service lift	BYRNE LIFTS LTD		
	Lift Type : ATLAS GIGAS R	Job Number		
Rated Load : 1350 Kg	KL759112			
Levels : 6	Rev.	Drawing Creation Date	Lang.	Page
Passengers : 18		2023 / 10 / 17	en_US	14 / 16

Elevations SCALE 1:80



Main Doors Elevations Face A

**Structural Opening - Above Finished Floor Level

* LOPs and indicators shape is indicative.
Please check the doors characteristics table for further details.



Project		Customer :	
HOF Service lift		BYRNE LIFTS LTD	
Lift Type : ATLAS GIGAS R		Job Number	
Rated Load : 1350 Kg		KL759112	
Levels : 6	Passengers : 18	Rev.	Page
		Drawing Creation Date	Lang.
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Miscellaneous Tables

Car's Brackets

#	Type	Altitude	Difference
1	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	1000 mm	-
2	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	3500 mm	2500 mm
3	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	6000 mm	2500 mm
4	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	8500 mm	2500 mm
5	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	11000 mm	2500 mm
6	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	13500 mm	2500 mm
7	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	16000 mm	2500 mm
8	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	18500 mm	2500 mm
9	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	21000 mm	2500 mm
10	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	23500 mm	2500 mm
11	GB 125.5 Straight (T125/T127) - WB 4.2 (Complete)	24470 mm	970 mm

Counterweight's Brackets

#	Type	Altitude	Difference
1	with main rails' base - Combination bracket GIGAS-R (Complete)	1000 mm	-
2	with main rails' base - Combination bracket GIGAS-R (Complete)	3500 mm	2500 mm
3	with main rails' base - Combination bracket GIGAS-R (Complete)	6000 mm	2500 mm
4	with main rails' base - Combination bracket GIGAS-R (Complete)	8500 mm	2500 mm
5	with main rails' base - Combination bracket GIGAS-R (Complete)	11000 mm	2500 mm
6	with main rails' base - Combination bracket GIGAS-R (Complete)	13500 mm	2500 mm
7	with main rails' base - Combination bracket GIGAS-R (Complete)	16000 mm	2500 mm
8	with main rails' base - Combination bracket GIGAS-R (Complete)	18500 mm	2500 mm
9	with main rails' base - Combination bracket GIGAS-R (Complete)	21000 mm	2500 mm
10	with main rails' base - Combination bracket GIGAS-R (Complete)	23500 mm	2500 mm
11	with main rails' base - Combination bracket GIGAS-R (Complete)	24285 mm	785 mm

Floors

#	Floor	Interfloor distance	Face A
6	4	-	X
5	3	4084 mm	X
4	2	4084 mm	X
3	1	4084 mm	X
2	G	4084 mm	X
1	B	4084 mm	X
		Sum: 20420 mm	Sum: 6

Mounting Parts

Type	Length	Quantity
Lifting Beam	By the customer	2

Main Guide

Type	Quantity	Length
Cuttet Up	1	2820 mm
Cuttet Up	1	2485 mm
Compleat	8	5000 mm
Cuttet Down	2	2500 mm

Secondary Rail

Type	Quantity	Length
Cuttet Up	2	2285 mm
Compleat	8	5000 mm
Cuttet Down	2	2500 mm



Project		Customer :			
HOF Service lift		BYRNE LIFTS LTD			
Lift Type : ATLAS GIGAS R		Job Number			
Rated Load : 1350 Kg		KL759112			
Rev.	Drawing Creation Date	Lang.	Page		
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Levels : 6		Passengers : 18			