

6

5

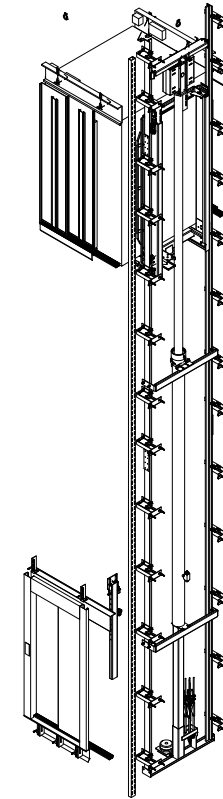
4

3


2

1

	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 HYDRAULIC LIFT PACKAGE

Suspension : HAI 1:2	Power Unit : T 450	Ram Type : SINGLE
Car Travel : 7600 mm	Valves' Block : i500/500	Ram Size : KZA 110x5x4200 mm
Rated Load : 1000 kg	Pump Flow : 300Lit/min	Cylinder : Ø 159 mm
Car Speed : 1 m/sec	Car Dims : 1400 x 1600 x 2070 mm	Ram Weight : 162 kg
Levels : 2	Up/Down Solenoids Volt : 24 VDC	Cabin Weight : 632 kg
Car Guide Rails : 90x75x16/machined	Emergency Solenoids Volt : -	Car Frame Weight : 180 kg
DBG : 1000 mm	Full Load Max Static Pressure : 43,9 bar	Door(s) Weight : 234 kg
Car Buffer : flexylift-ACLA D 300403A4	No Load Static Pressure : 23,3 bar	Pulley Weight : 99 kg
Pulley Type : flexy_1000_f32	Motor Type : 24 kW /400V/Ø32/VOL	Piston Total Stroke : 4085 mm
Main Door : 2-P Telescopic RIGHT	Nominal Current : 52.0 A	Rubber Hose : R2A 1 1/2" FF x 5000 mm
Rear Door : 2-P Telescopic LEFT	Delta Starting Current : 195.0 A	Job Number <b>197233</b>
Left Door : Doesn't Exist	Current With 30% overload : 66.0 A	
Right Door : Doesn't Exist	Star Delta Starting Current : 65.0 A	
Responsible Dept. <b>Engineering dept.</b>	Technical Reference <b>Grigoriadis P.</b>	Created By Approved By
		Document Type <b>Elevator Plan</b>
		Document Status <b>Final</b>
Project		Customer : <b>CREMER LIFTS, ELEVATORS AND ACCESS SYSTEMS</b>
Lift Type : FLEXYLIFT		Reference Number
Rated Load : 1000 kg		No
Levels : 2		Rev.
Passengers : 13		Drawing Creation Date
		Lang.
		Page
		2017 / 11 / 30
		en_US
		1 / 13

#### 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. Shaft Vertical Sections
- Page 06. Builder's Views
- Page 07. Pit And Headroom Details
- Page 08. Main Door at levels: G
- Page 09. Rear Door at levels: 1
- Page 10. Scaffolding And Door Barrier
- Page 11. Elevations
- Page 12. T 450
- Page 13. Miscellaneous Tables

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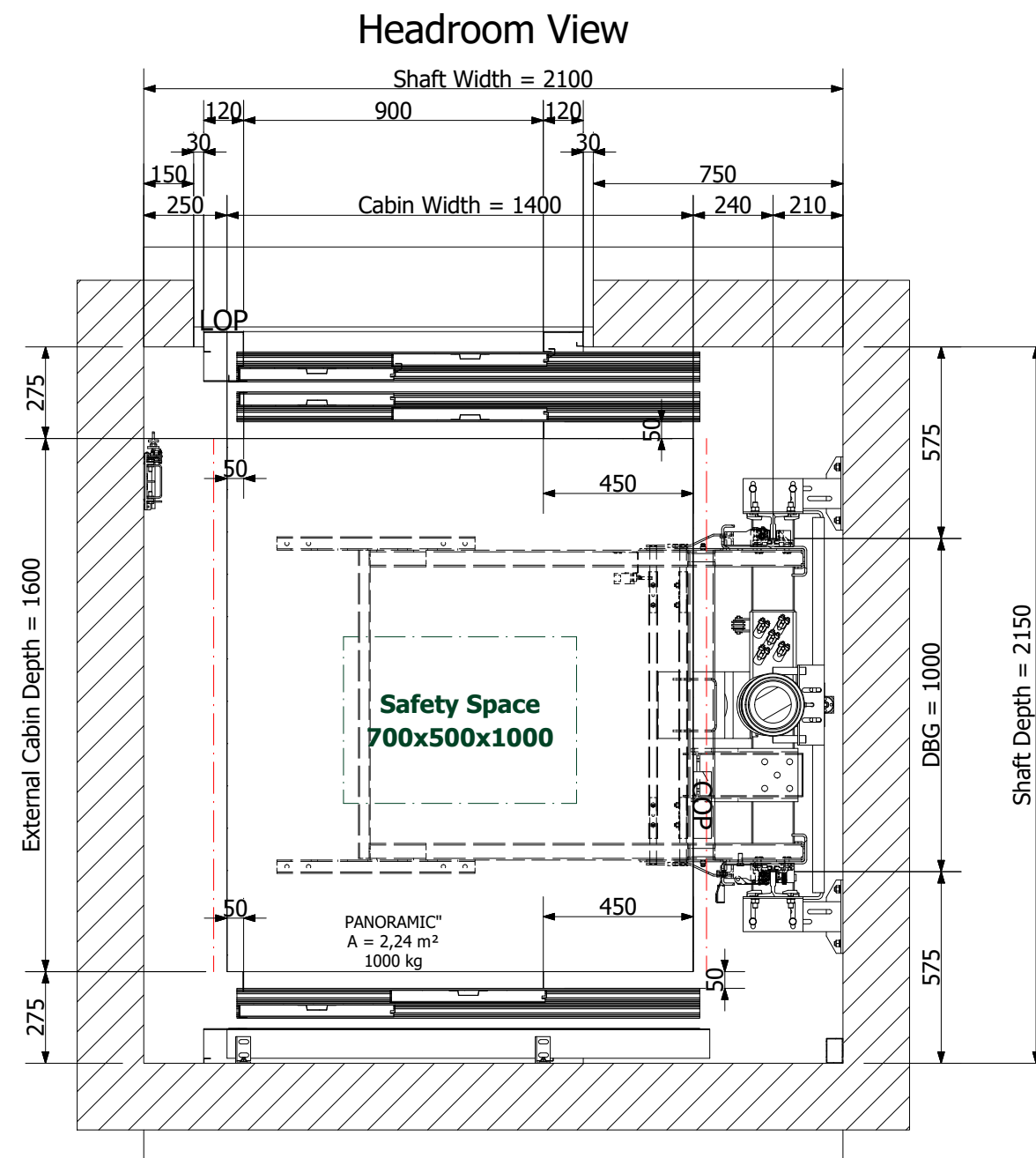
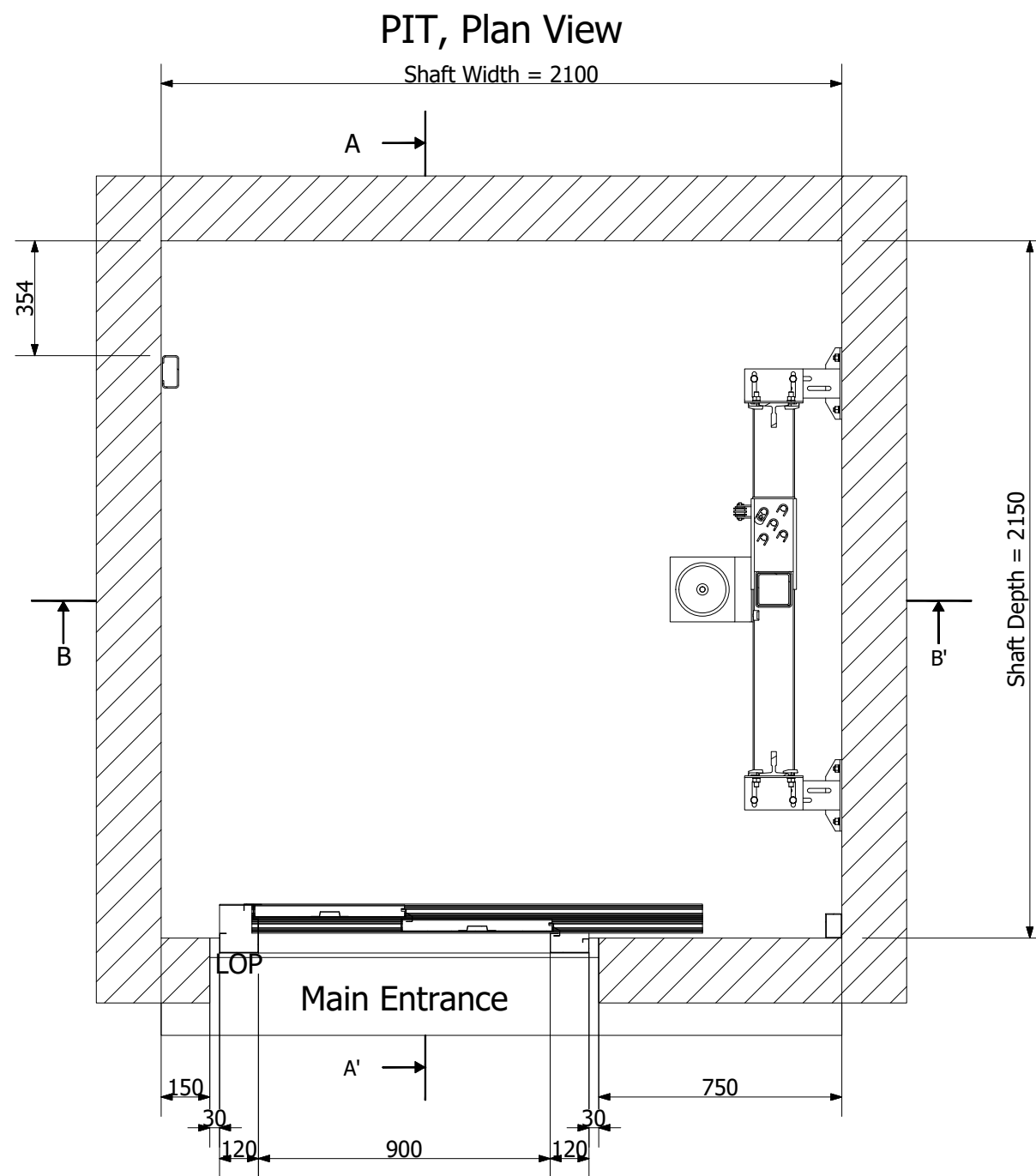
4

3


2

1

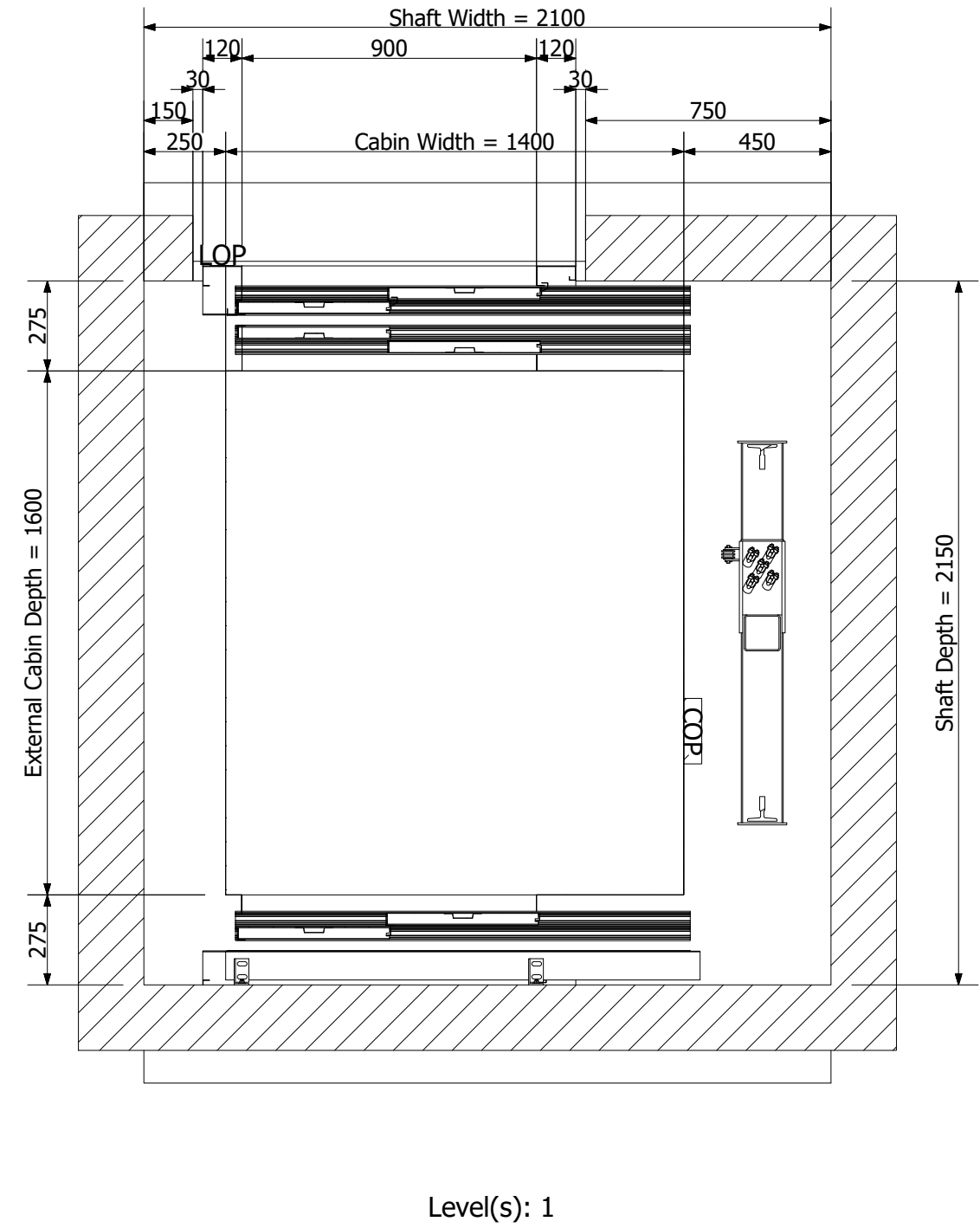
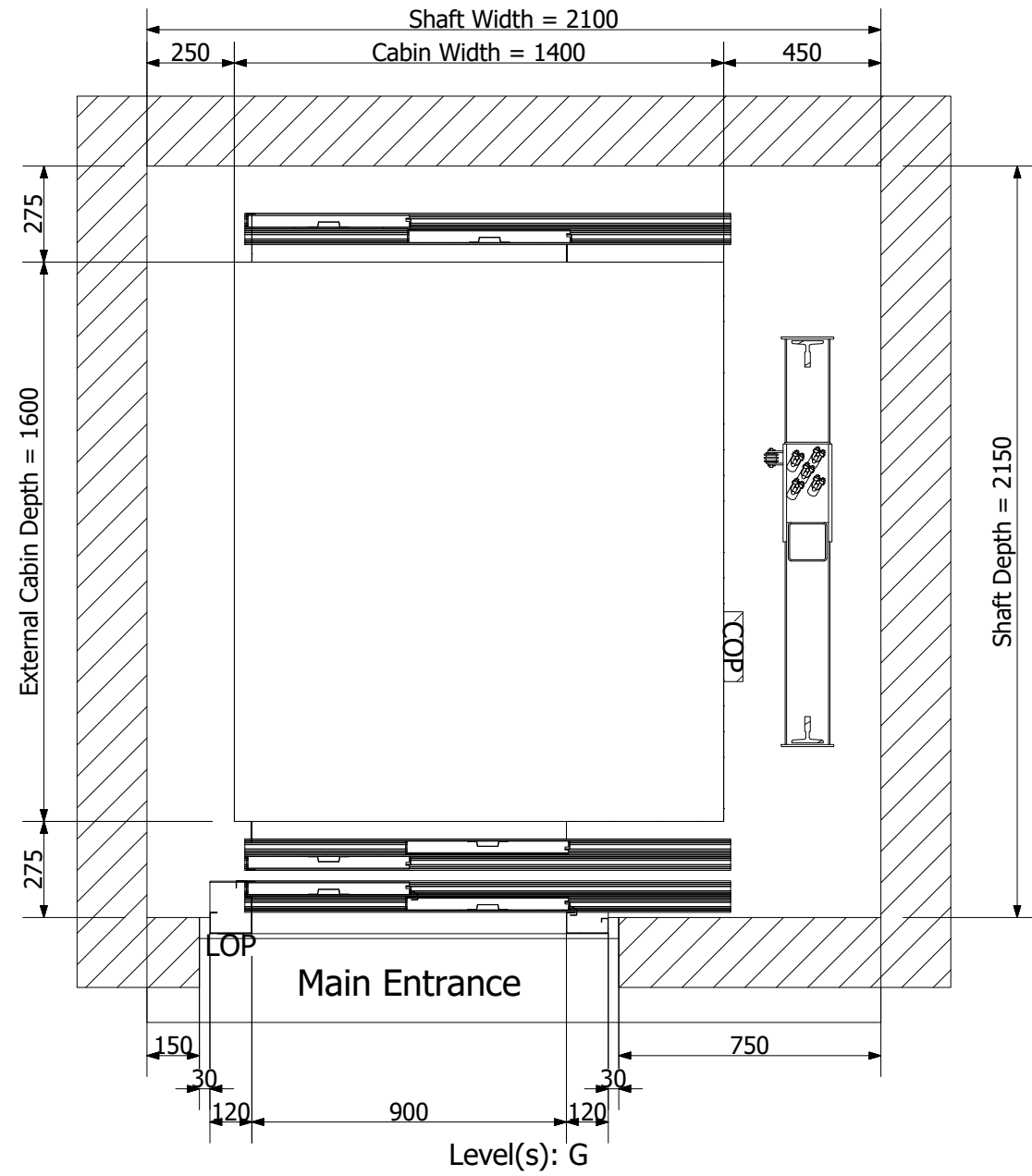
# SHAFT, Plan View SCALE 1: 20



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 '1' with the cabin at that landing.

 <p><b>KLEEMANN</b> Your 1<sup>st</sup> Choice in Lifts</p>	Project	Customer : <b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>		
	Lift Type : FLEXYLIFT	Job Number <b>197233</b>		
Rated Load : 1000 kg	Rev.	Drawing Creation Date	Lang.	Page
Levels : 2		2017 / 11 / 30	en_US	2 / 13
	Passengers : 13			

# Different Landing Plan Views SCALE 1: 20

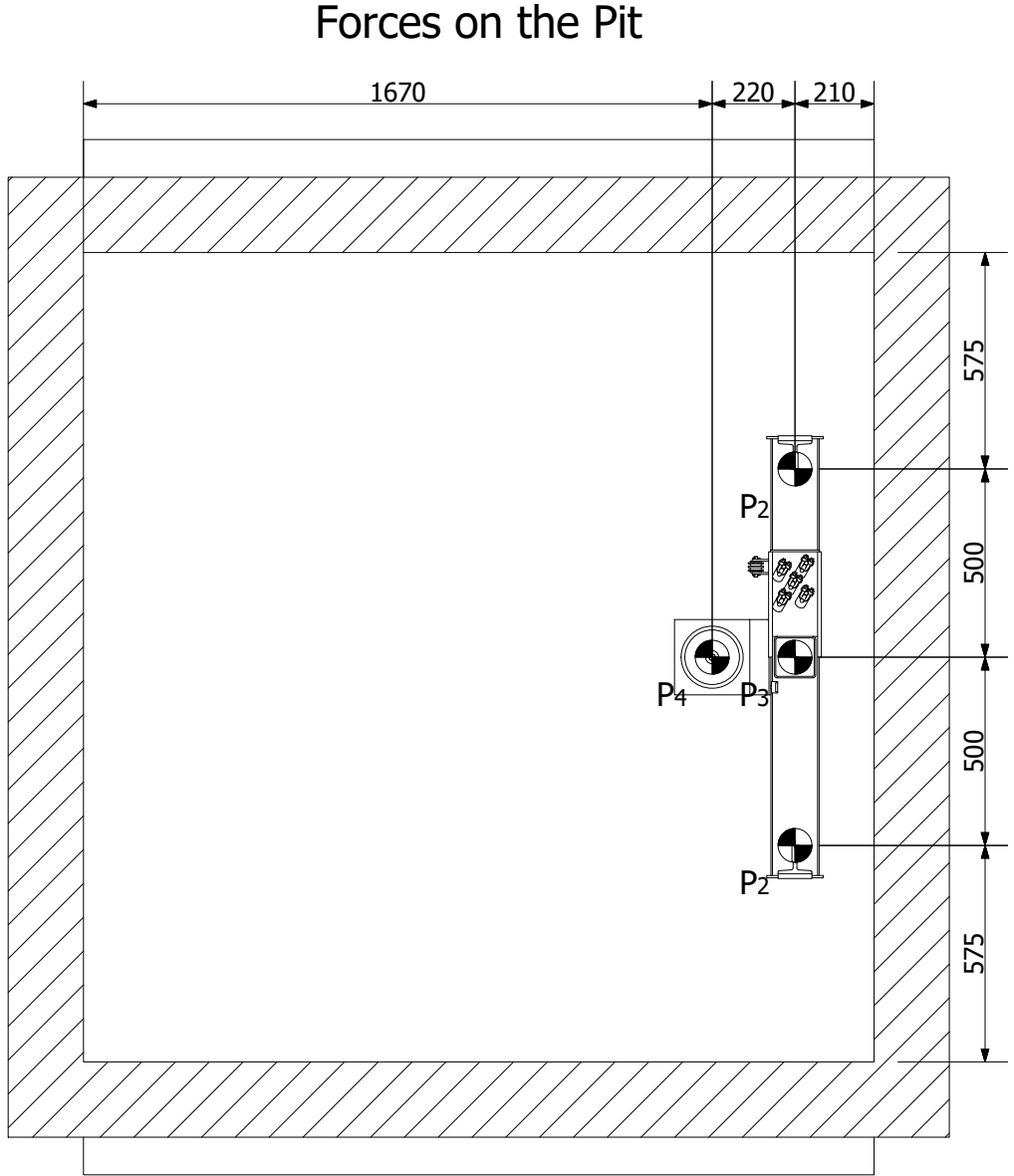
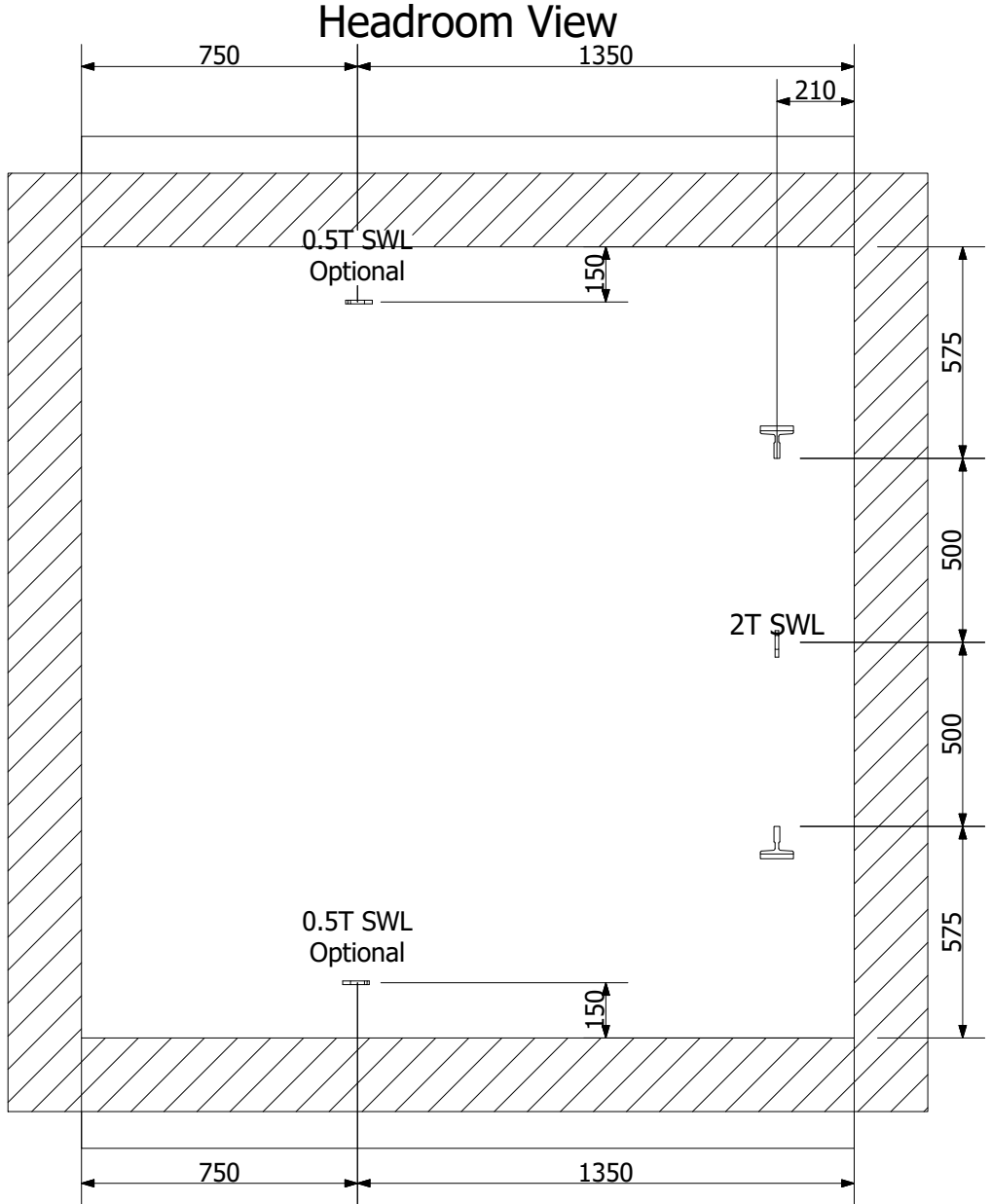


Each of the above landings, depicts what someone would see while looking from the level of the first appearance of that landing. In each landing, only the dimensioned doors are active. (See front elevation page(s))




Project		Customer :	
Lift Type : FLEXYLIFT		<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
Rated Load : 1000 kg		Job Number	
Levels : 2		<b>197233</b>	
Passengers : 13	Rev.	Drawing Creation Date	Lang. Page
		2017 / 11 / 30	en_US 3 / 13

# Lifting Accessories and Pit Forces SCALE 1: 20



PIT FORCES	
P2	63500 N
P3	50800 N
P4	87000 N
Guide Rail Forces	
P1x	8200 N
P1y	3095 N

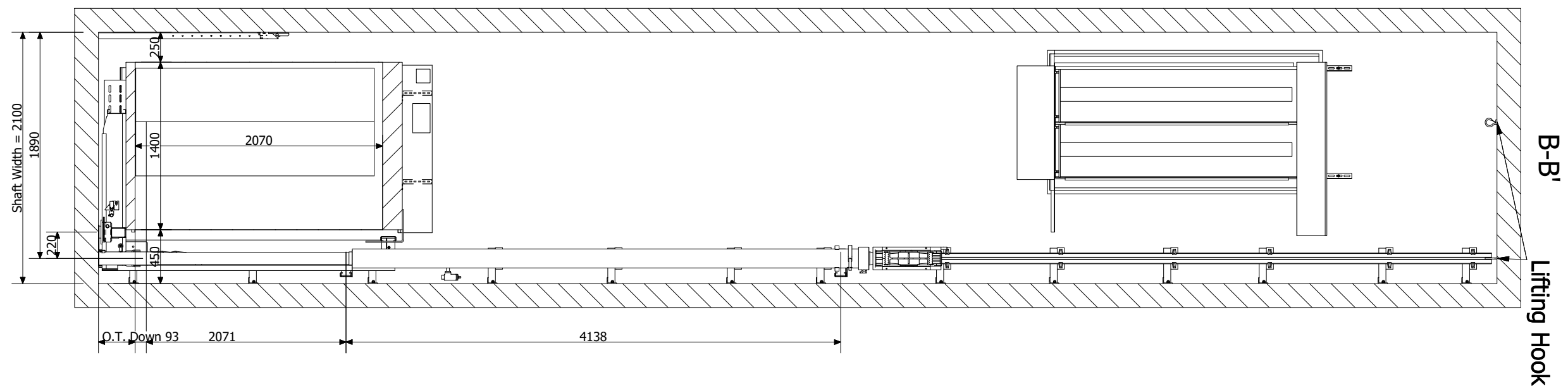
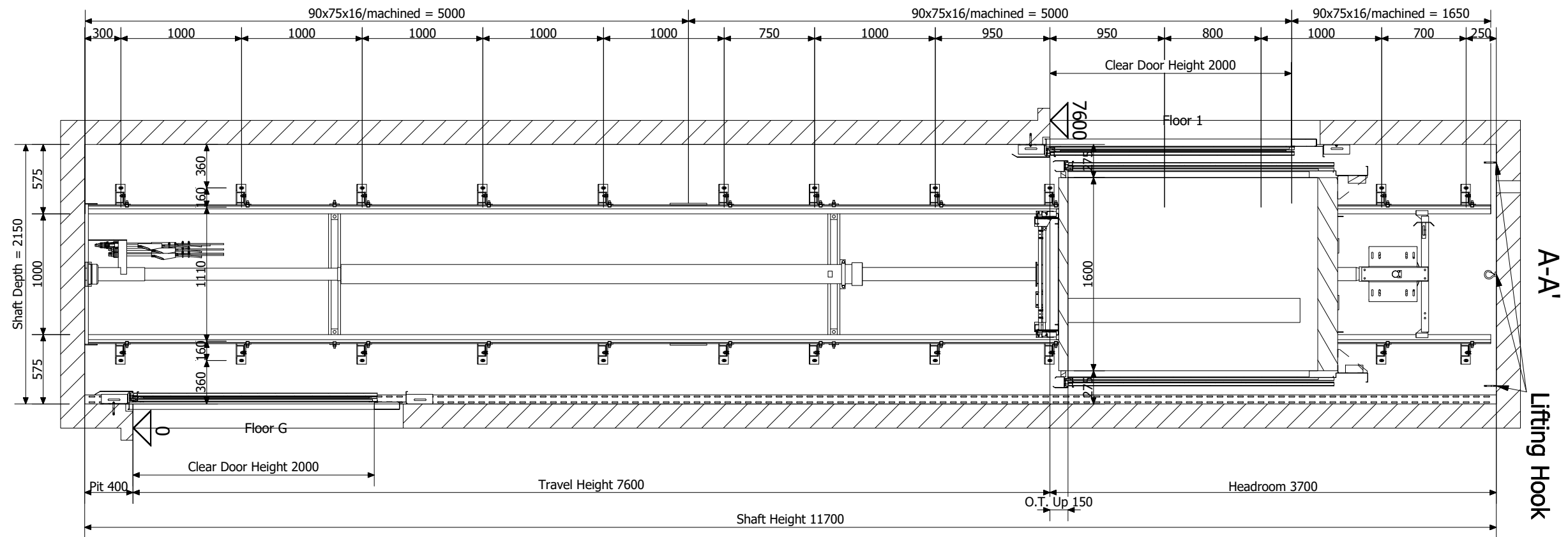
All hooks should be removed after the completion of the installation.




**KLEEMANN**  
Your 1<sup>st</sup> Choice in Lifts

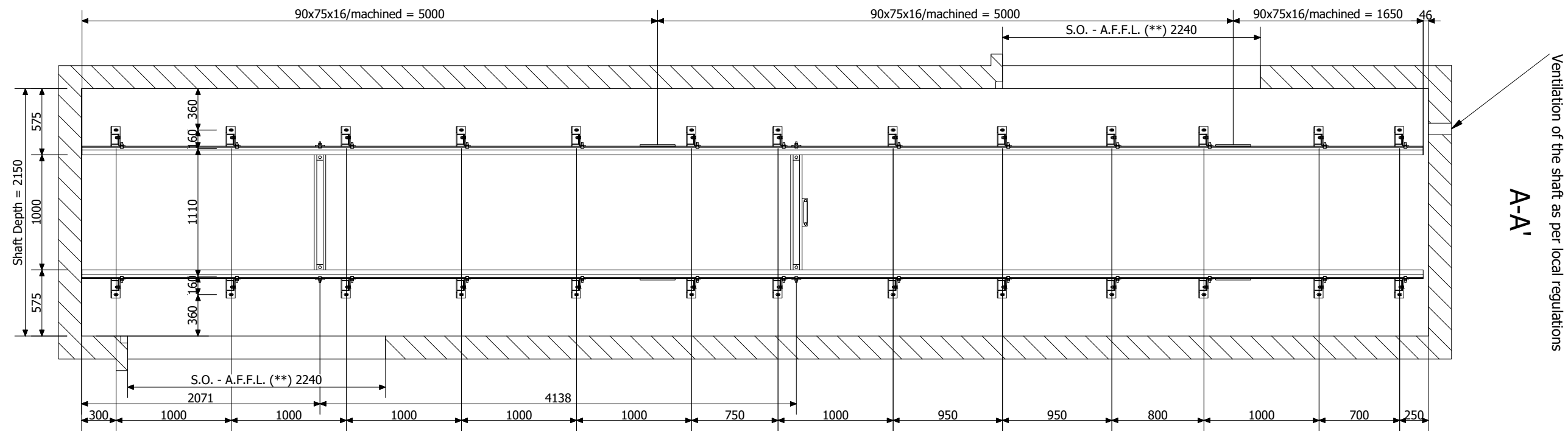
Project		Customer :	
Lift Type : FLEXYLIFT		<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
Rated Load : 1000 kg		Job Number	
Levels : 2		<b>197233</b>	
Passengers : 13	2017 / 11 / 30	en_US	4 / 13

# Shaft Vertical Sections SCALE 1: 40




	Project	Customer :
	Lift Type : FLEXYLIFT	<b>CREMER LIFTS, ELEVATORS AND ACCESS SYSTEMS</b>
Rated Load : 1000 kg	Job Number	<b>197233</b>
Levels : 2	Rev.	Drawing Creation Date
Passengers : 13	2017 / 11 / 30	Lang. en_US
	Page	5 / 13

# Builder's Views SCALE 1: 40



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

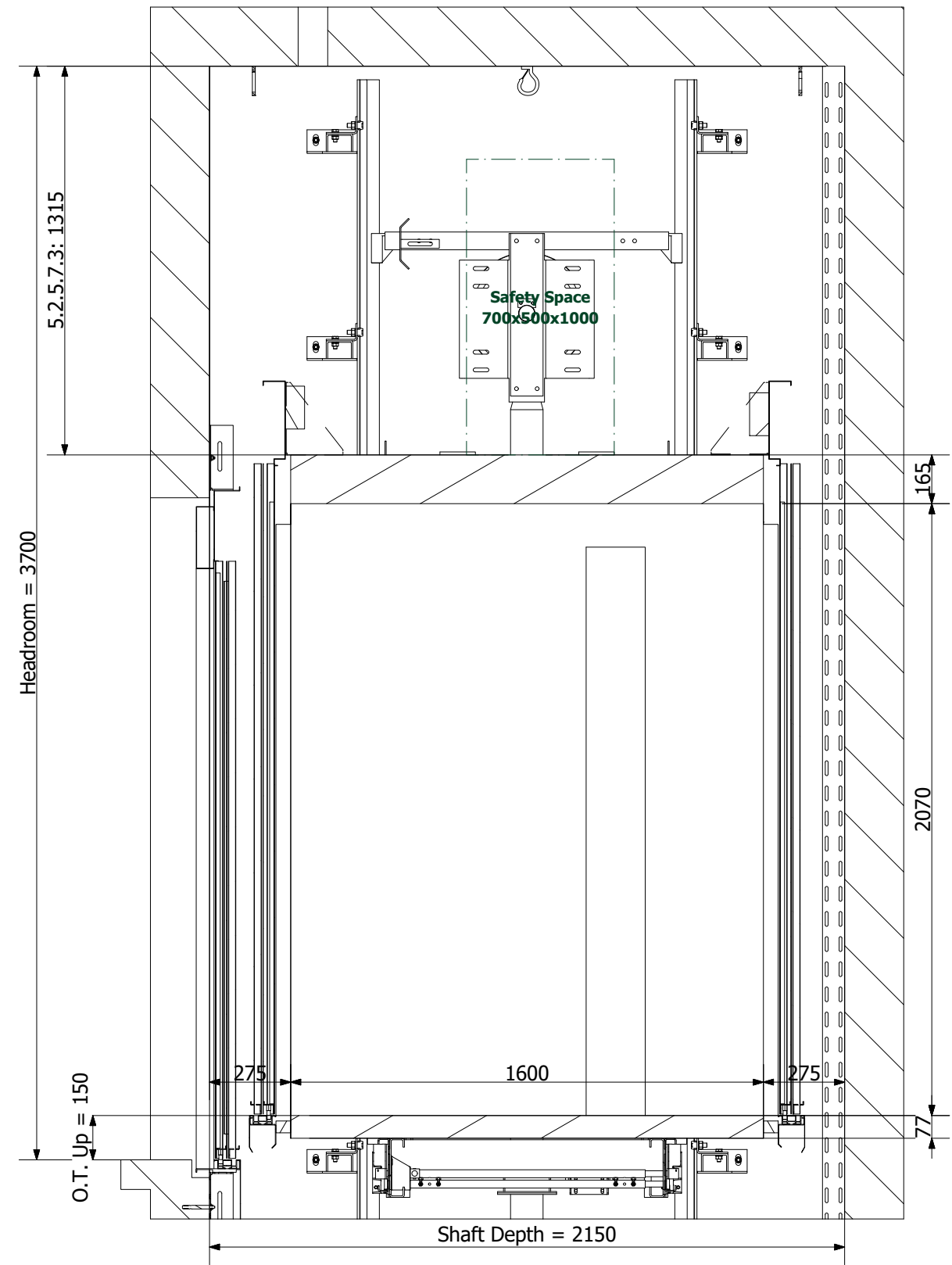
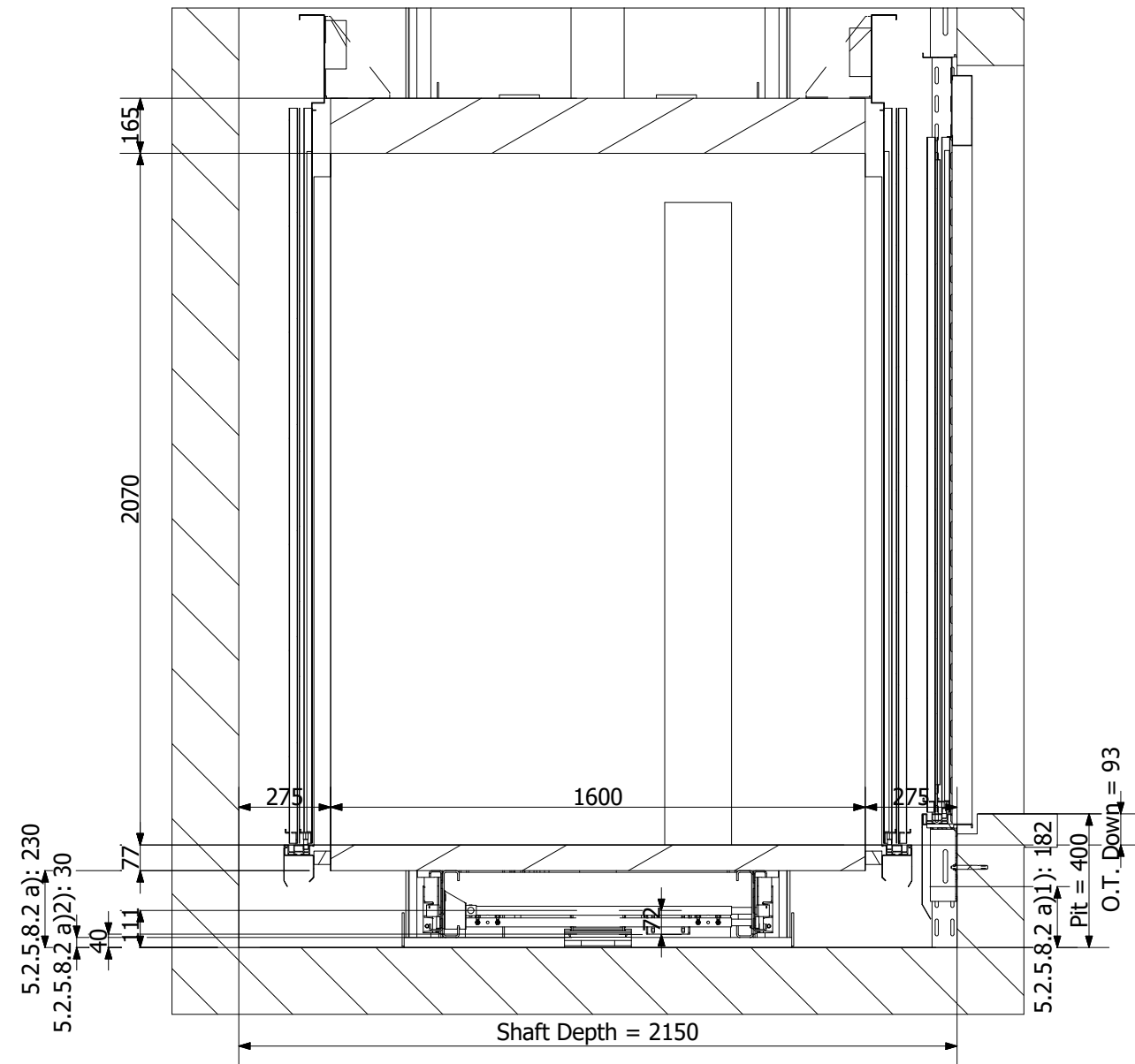
\*\*Structural Opening - Above Finished Floor Level

 <p><b>KLEEMANN</b> Your 1<sup>st</sup> Choice in Lifts</p>	Project	Customer :								
	Lift Type : FLEXYLIFT	<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>								
Rated Load : 1000 kg	Job Number	<b>197233</b>								
Levels : 2	Passengers : 13	<table border="1"> <tr> <th>Rev.</th> <th>Drawing Creation Date</th> <th>Lang.</th> <th>Page</th> </tr> <tr> <td></td> <td>2017 / 11 / 30</td> <td>en_US</td> <td>6 / 13</td> </tr> </table>	Rev.	Drawing Creation Date	Lang.	Page		2017 / 11 / 30	en_US	6 / 13
Rev.	Drawing Creation Date	Lang.	Page							
	2017 / 11 / 30	en_US	6 / 13							

# Pit And Headroom Details SCALE 1: 20

Pit Detail

Headroom Detail



Clauses mentioned in these drawings refer to EN 81-20

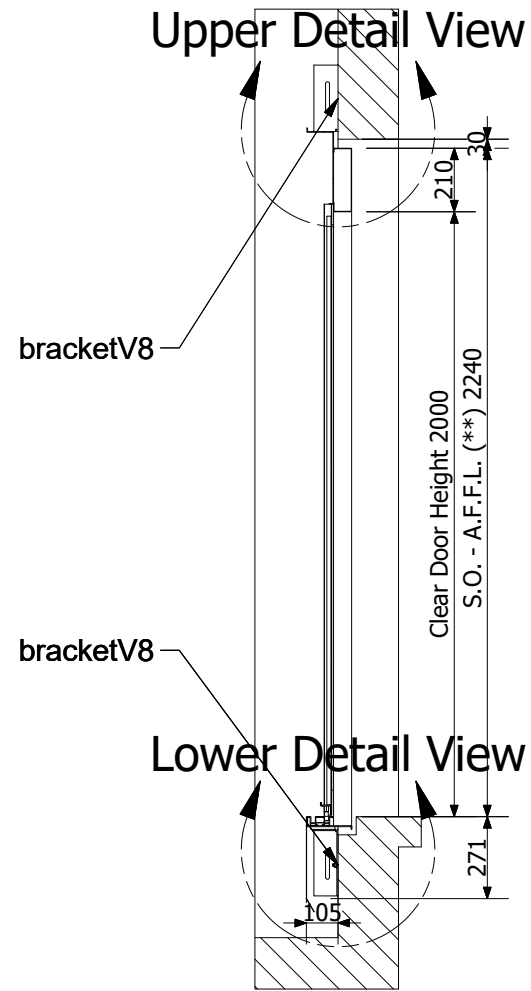
\* The dimensions with the asterisk (\*) are provisional and they are subject to change after order confirmation



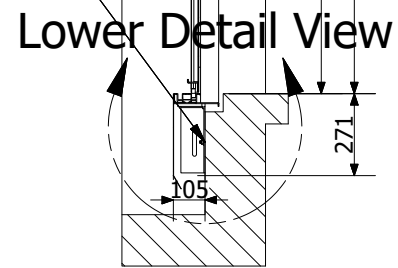
Project		Customer :	
Lift Type : FLEXYLIFT		<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
Rated Load : 1000 kg		Job Number	
Levels : 2		<b>197233</b>	
Passengers : 13		Rev.	Page
		Drawing Creation Date	Lang.
		2017 / 11 / 30	en_US
		7 / 13	

# Main Door at levels: G SCALE 1: 25

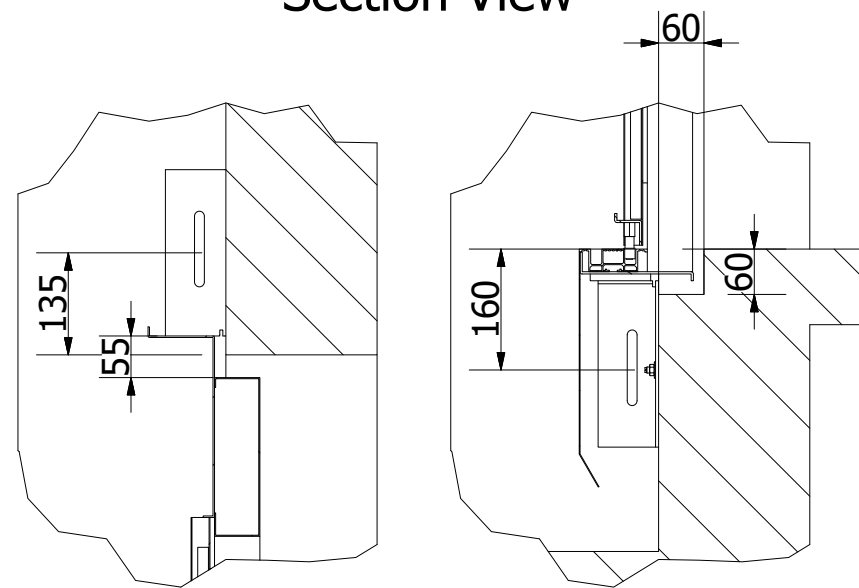
Upper Detail View



Lower Detail View

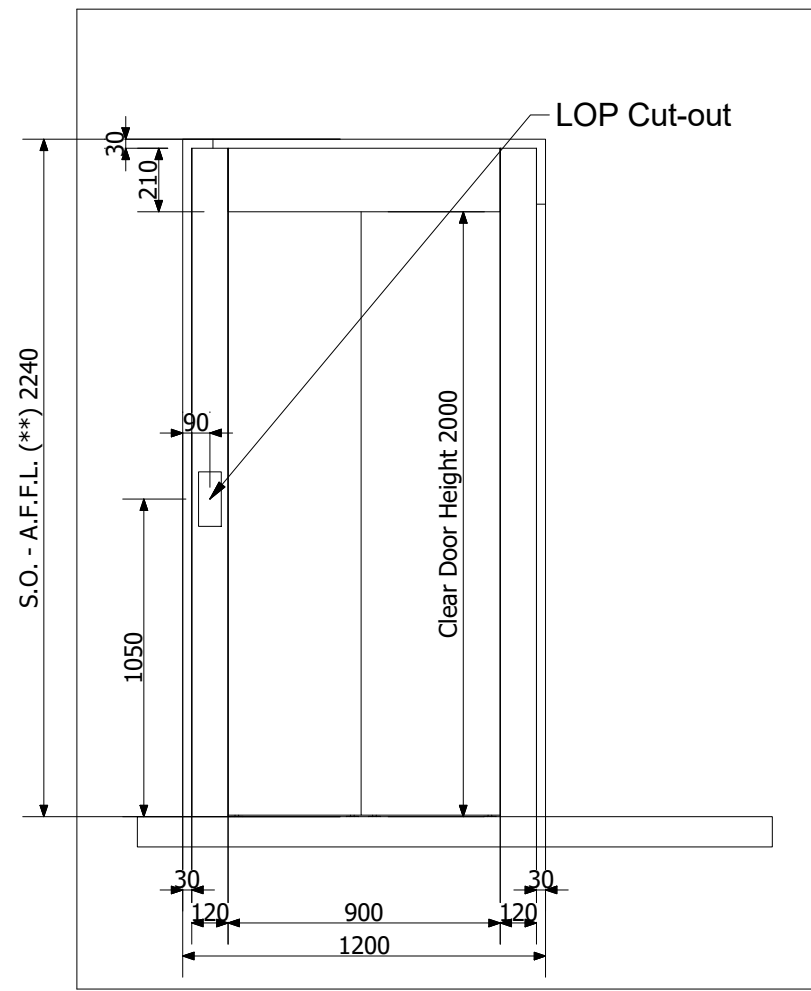


Section View

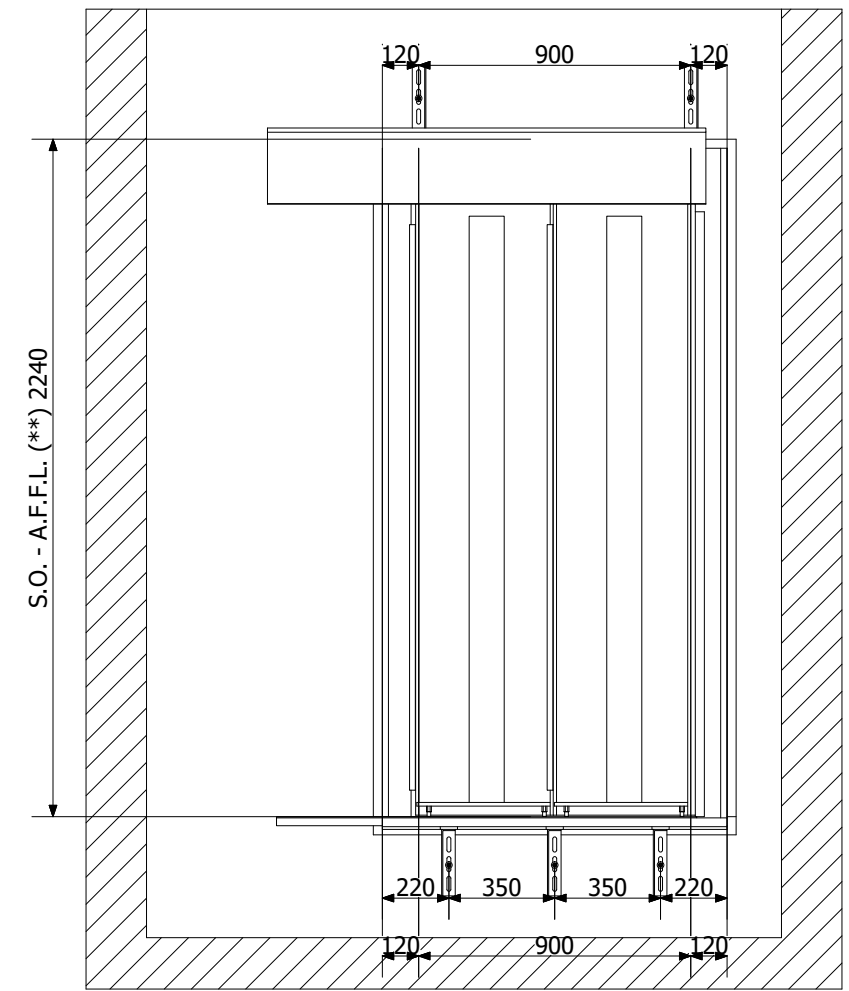


Upper Detail View

Lower Detail View



Outside View



Inside View

Door Characteristics	
Feature	Value
Door Panels Type	BIG VISION FLUSH TYPE inox st/st
Door Panels Finishing Type	SATIN AISI 441
Door Frames Type	Inox st/st
Door Rail Type	50/11
Frame Finishing	SATIN AISI 441
Button Hole Type	small Kleemann

\*\*Structural Opening - Above Finished Floor Level

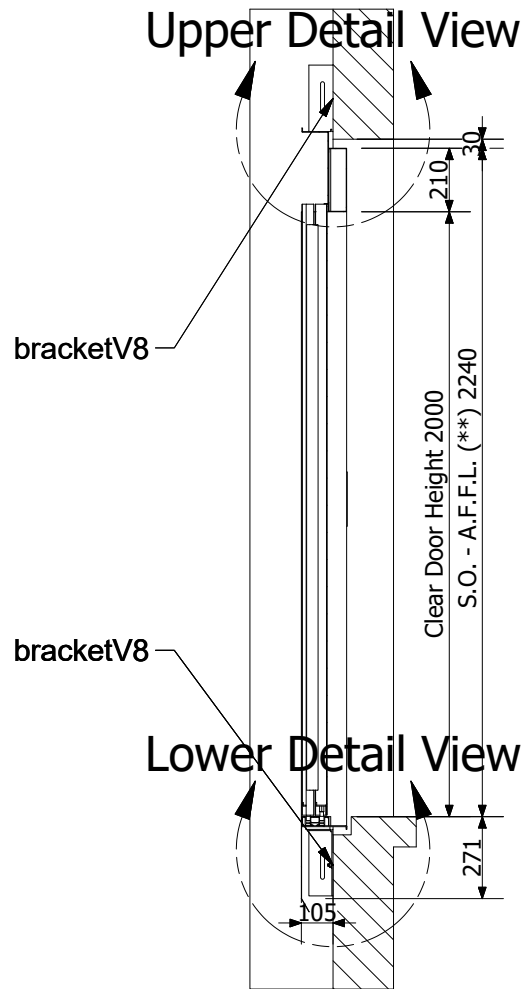


Project		Customer :	
		<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
Lift Type : FLEXYLIFT		Job Number	
Rated Load : 1000 kg		<b>197233</b>	
Rev.	Drawing Creation Date	Lang.	Page
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Levels : 2		Passengers : 13	

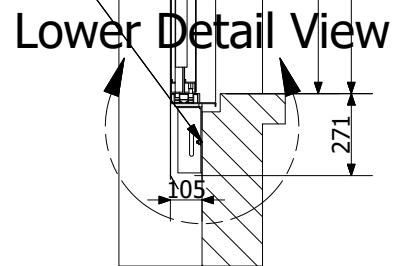


# Rear Door at levels: 1 SCALE 1: 25

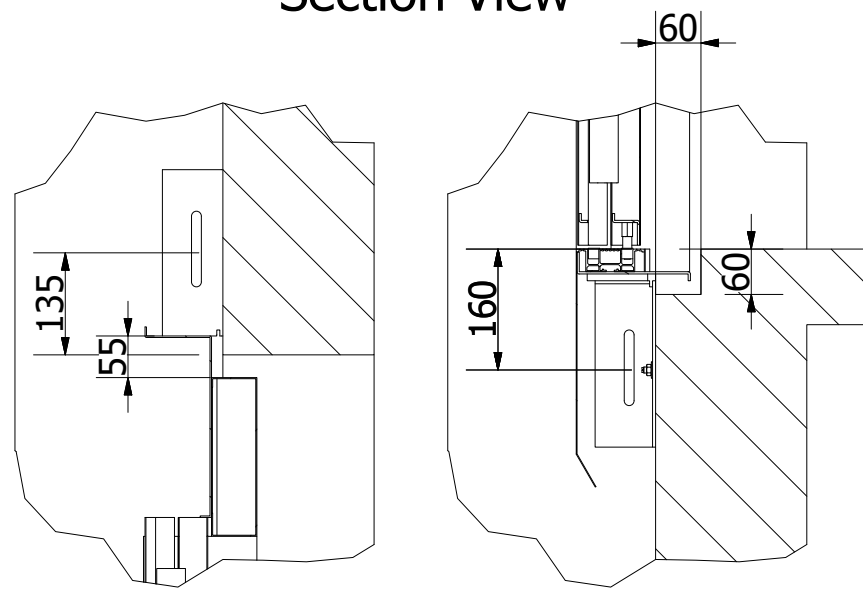
Upper Detail View



Lower Detail View

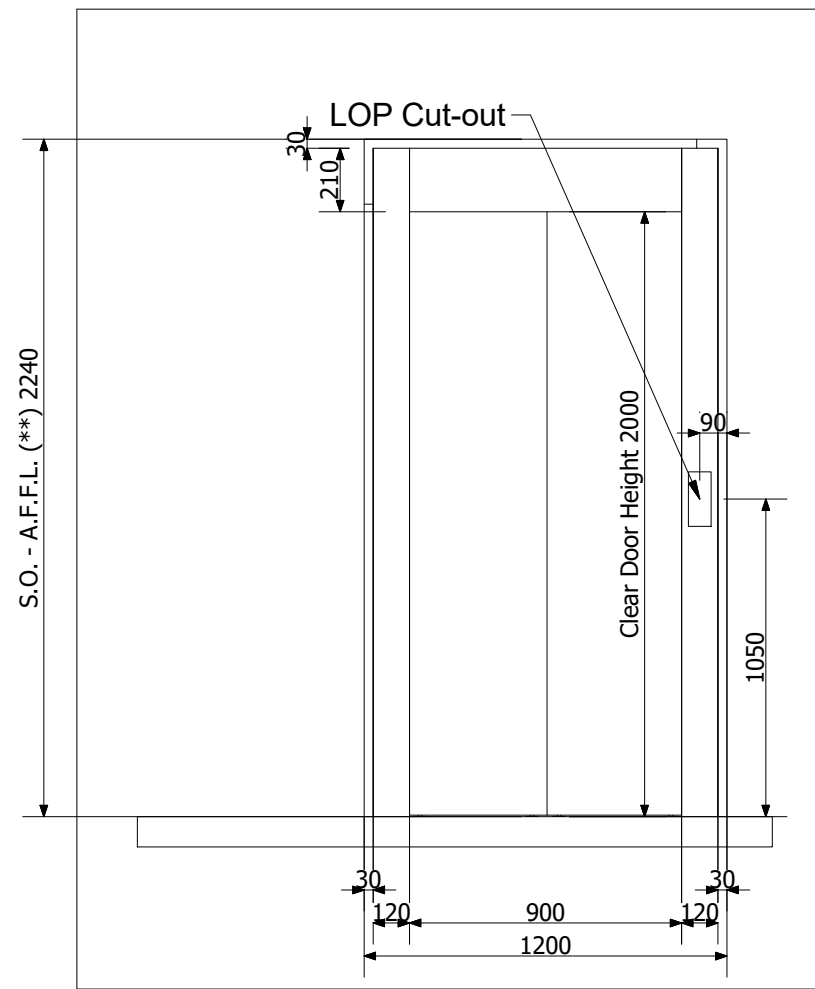


Section View

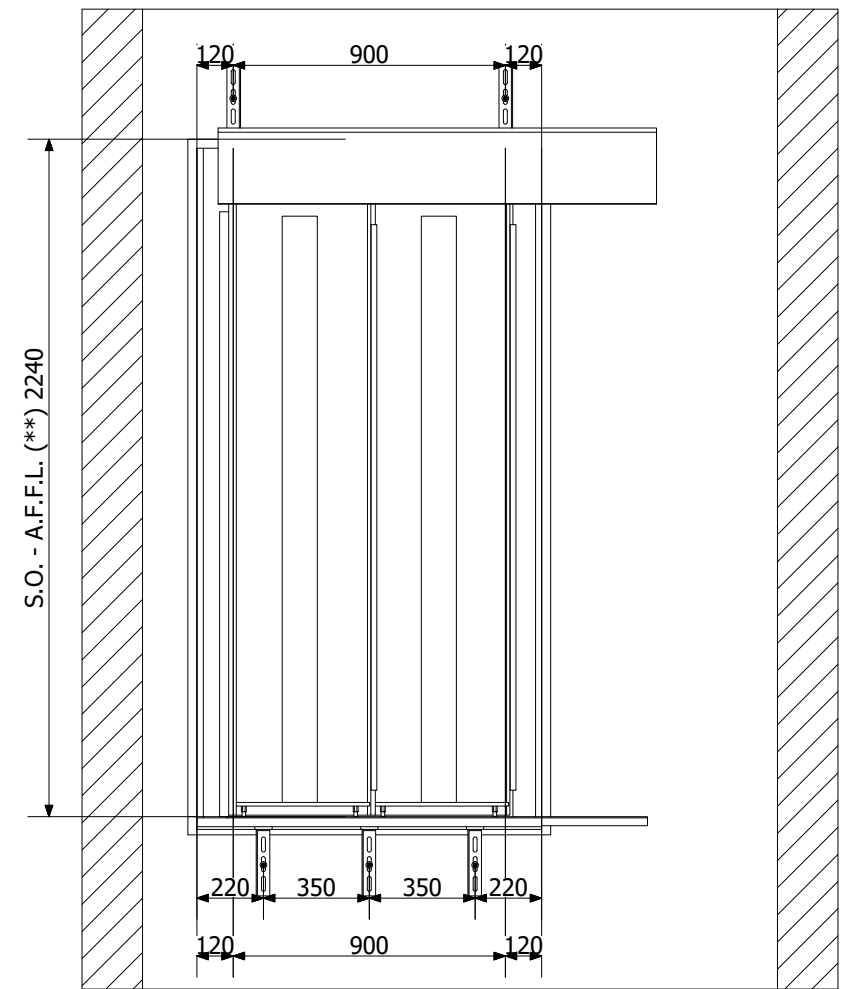


Upper Detail View

Lower Detail View



Outside View



Inside View

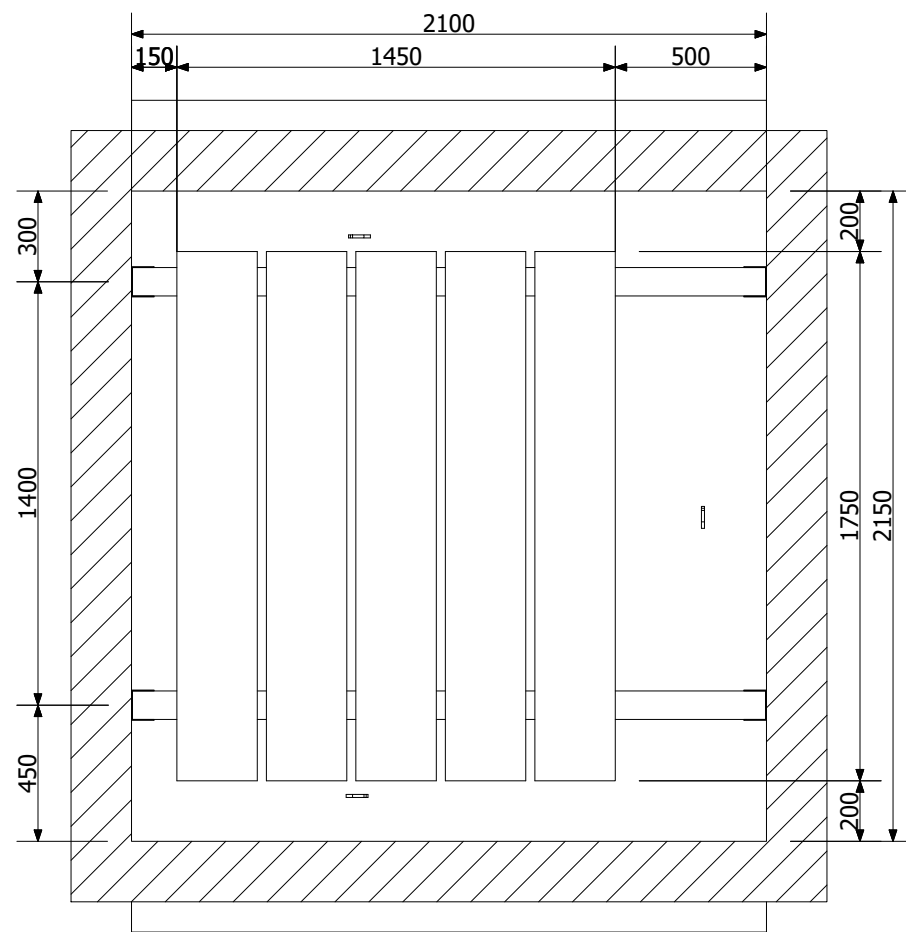
Door Characteristics	
Feature	Value
Door Panels Type	BIG VISION FLUSH TYPE inox st/st
Door Panels Finishing Type	SATIN AISI 441
Door Frames Type	Inox st/st
Door Rail Type	50/11
Frame Finishing	SATIN AISI 441
Button Hole Type	small Kleemann

\*\*Structural Opening - Above Finished Floor Level



Project		Customer :	
Lift Type : FLEXYLIFT		CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS	
Rated Load : 1000 kg		Job Number	
Levels : 2		197233	
Passengers : 13	2017 / 11 / 30	en_US	9 / 13

# Scaffolding And Door Barrier SCALE 1: 25

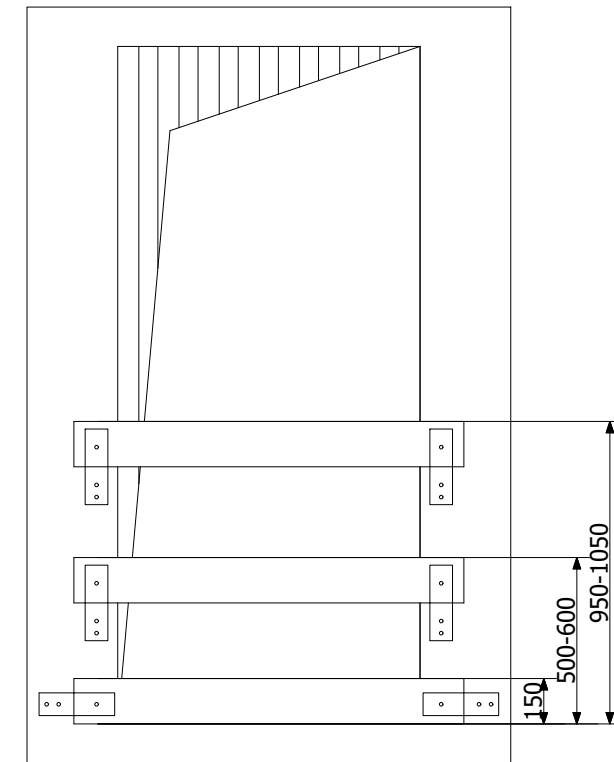


The scaffolding dimensions are indicative.

## GENERAL MAIN CONTRACTORS NOTES FOR SCAFFOLDING

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

## Shaft Door Barrier



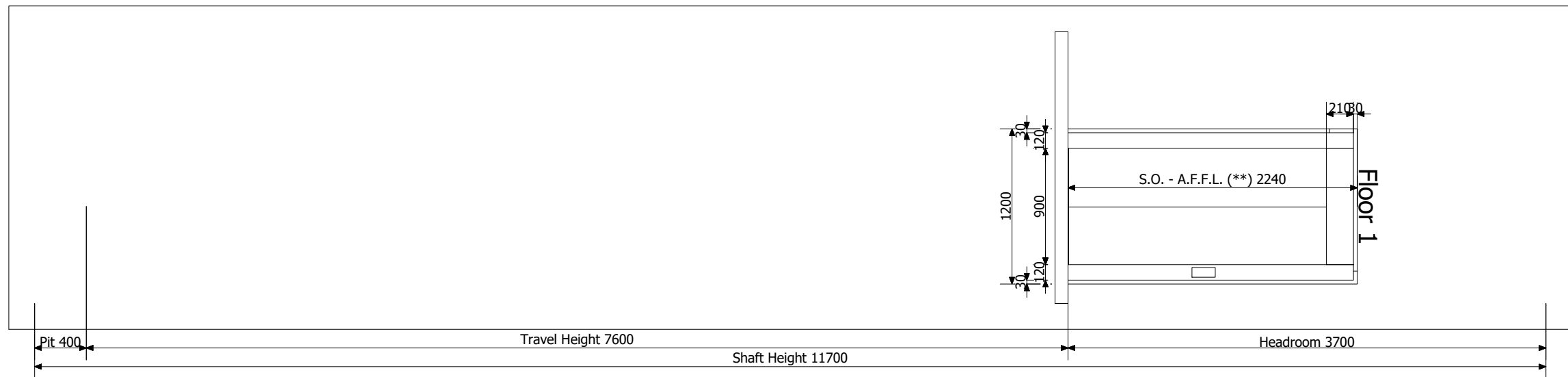
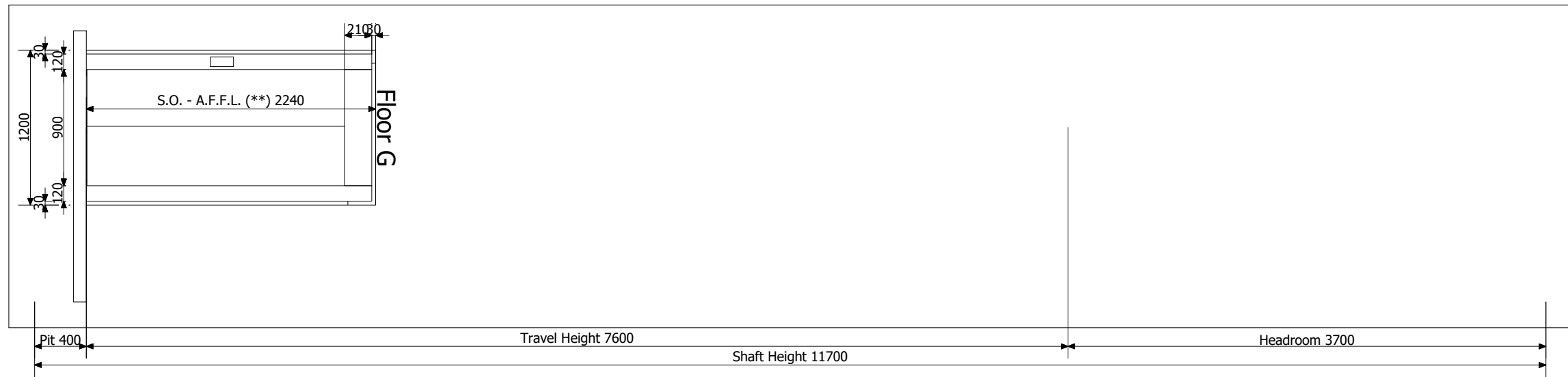
## Landing Protection By Principal Contractor

1. Lift 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 :	
Lift Type : FLEXYLIFT		<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
Rated Load : 1000 kg		Job Number	
Levels : 2		<b>197233</b>	
Passengers : 13	Rev.	Drawing Creation Date	Lang. Page
		2017 / 11 / 30	en_US 10 / 13

# Elevations SCALE 1: 40

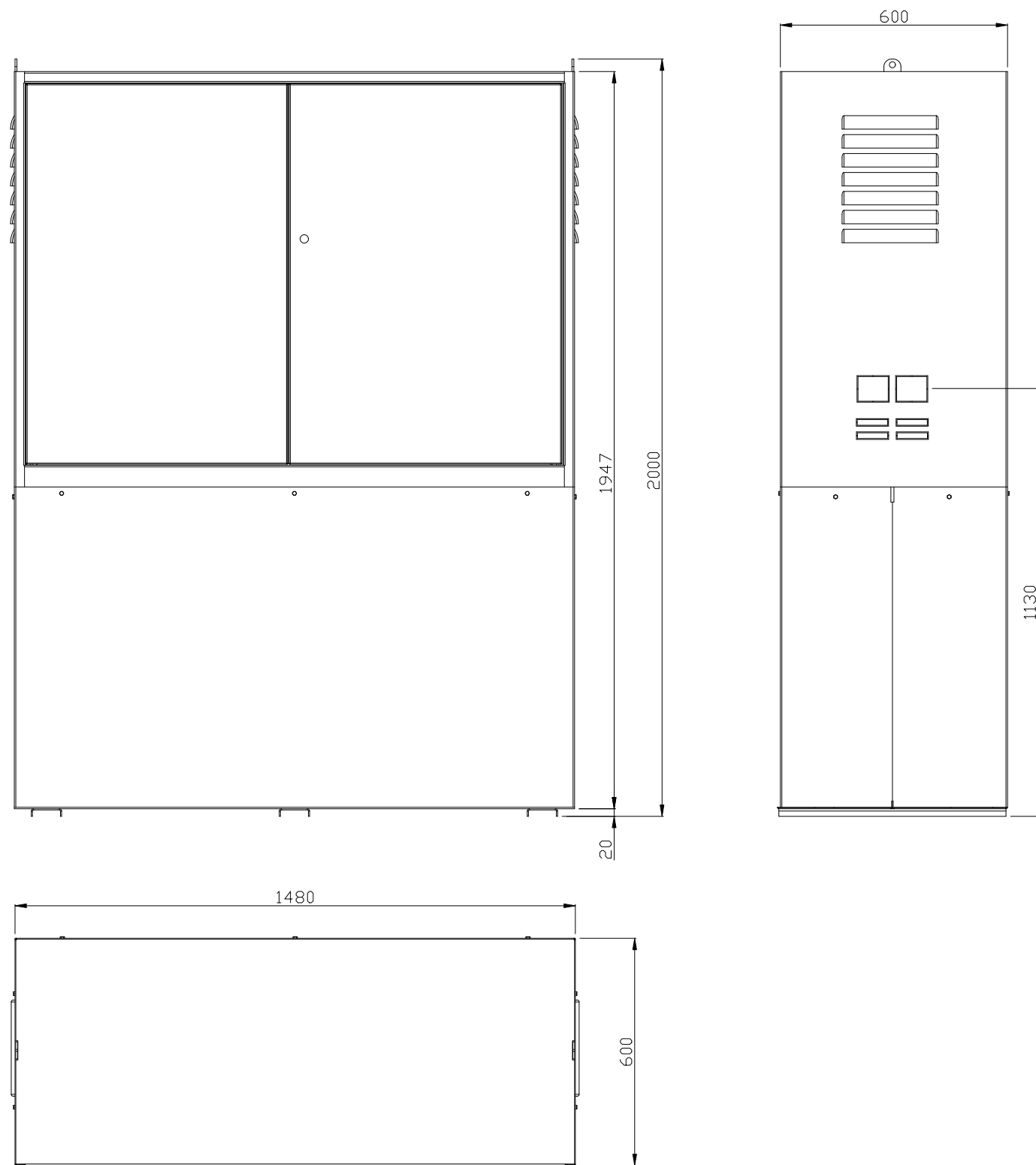



\*\*Structural Opening - Above Finished Floor Level



Project		Customer :	
Lift Type : FLEXYLIFT		<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
Rated Load : 1000 kg		Job Number	
Levels : 2		<b>197233</b>	
Passengers : 13	Rev.	Drawing Creation Date	Lang. Page
		2017 / 11 / 30	en_US 11 / 13

# T 450 SCALE 1:15



		Project		Customer : <b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>	
		Lift Type : FLEXYLIFT		Job Number <b>197233</b>	
Rated Load : 1000 kg		Rev.	Drawing Creation Date	Lang.	Page
Levels : 2			2017 / 11 / 30	en_US	12 / 13
		Passengers : 13			

# Miscellaneous Tables

Car's Brackets			
#	Type	Altitude	Difference
1	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	300 mm	-
2	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	1300 mm	1000 mm
3	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	2300 mm	1000 mm
4	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	3300 mm	1000 mm
5	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	4300 mm	1000 mm
6	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	5300 mm	1000 mm
7	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	6050 mm	750 mm
8	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	7050 mm	1000 mm
9	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	8000 mm	950 mm
10	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	8950 mm	950 mm
11	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	9750 mm	800 mm
12	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	10750 mm	1000 mm
13	Left:guide bracket GB 90.3 straight - guide brackets base WB 5.1 [complete] Right:same with above	11450 mm	700 mm

Pedestal Brackets			
#	Type	Altitude	Difference
1	Pedestal Bracket	2071 mm	-

Ram Brackets			
#	Type	Altitude	Difference
1	Ram Bracket	6229 mm	-

Floor Heights	
Floor	Height
G~1	7600 mm

Mounting Parts		
Type	Length	Quantity
Lifting Hooks	-	3

Main Guide		
Type	Quantity	Length
Cutted Up	2	1650 mm
Compleat	4	5000 mm

 <p><b>KLEEMANN™</b> Your 1<sup>st</sup> Choice in Lifts</p>	Project	Customer :
	Lift Type : FLEXYLIFT	<b>CREMER LIFTS, ELEVATORSAND ACCESS SYSTEMS</b>
Rated Load : 1000 kg	Job Number	
Levels : 2	<b>197233</b>	
Passengers : 13	Rev.	Drawing Creation Date
		2017 / 11 / 30
	Lang.	en_US
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