



ASPC Project



END CUSTOMER	: Arya Sasol Polymer Company
CONTRACTOR	: DYPNF Co., Ltd.
VENDOR NAME	: Airpack Netherlands BV
EQUIPMENT DESCRIPTION	: Screw Compressor & Roots Blower : Package
PURCHASE ORDER NUMBER	: PO-PC2312-08

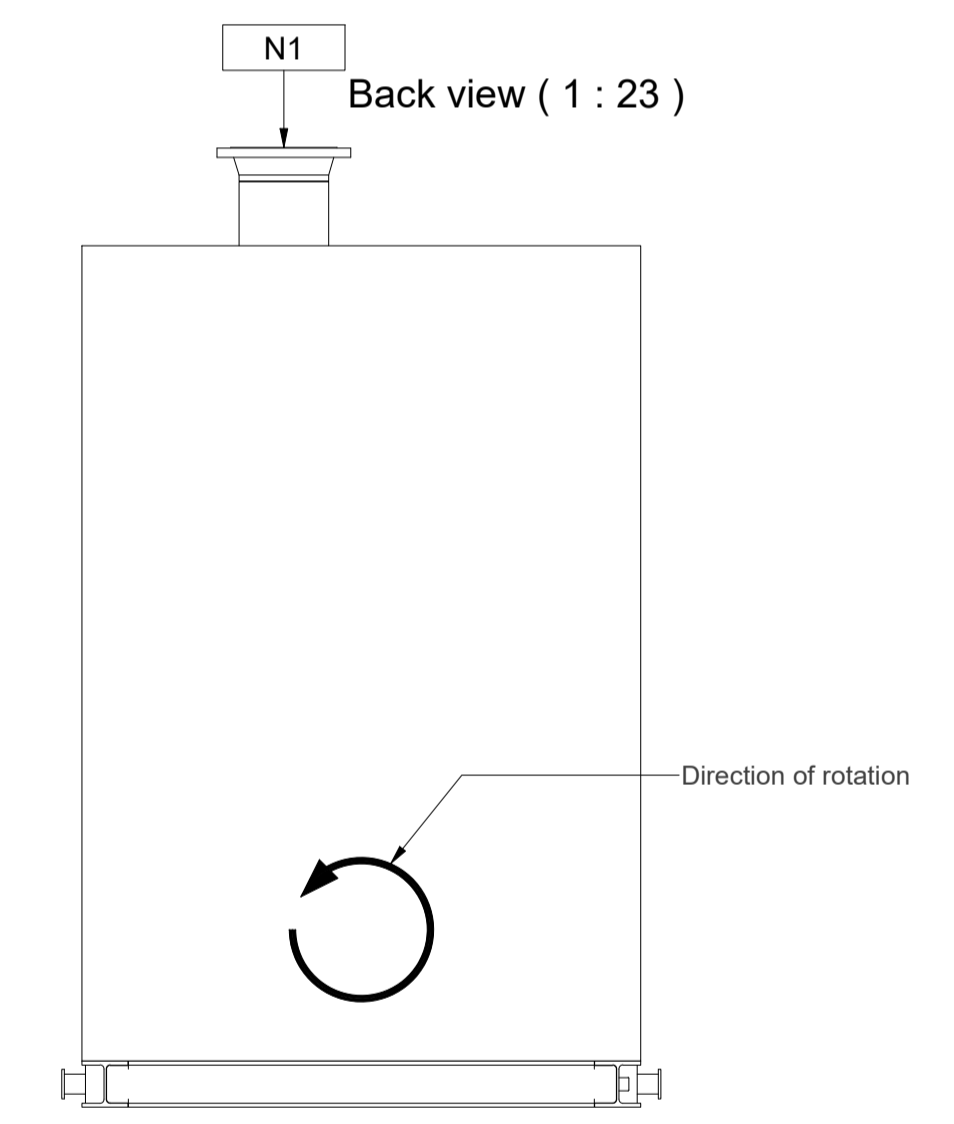
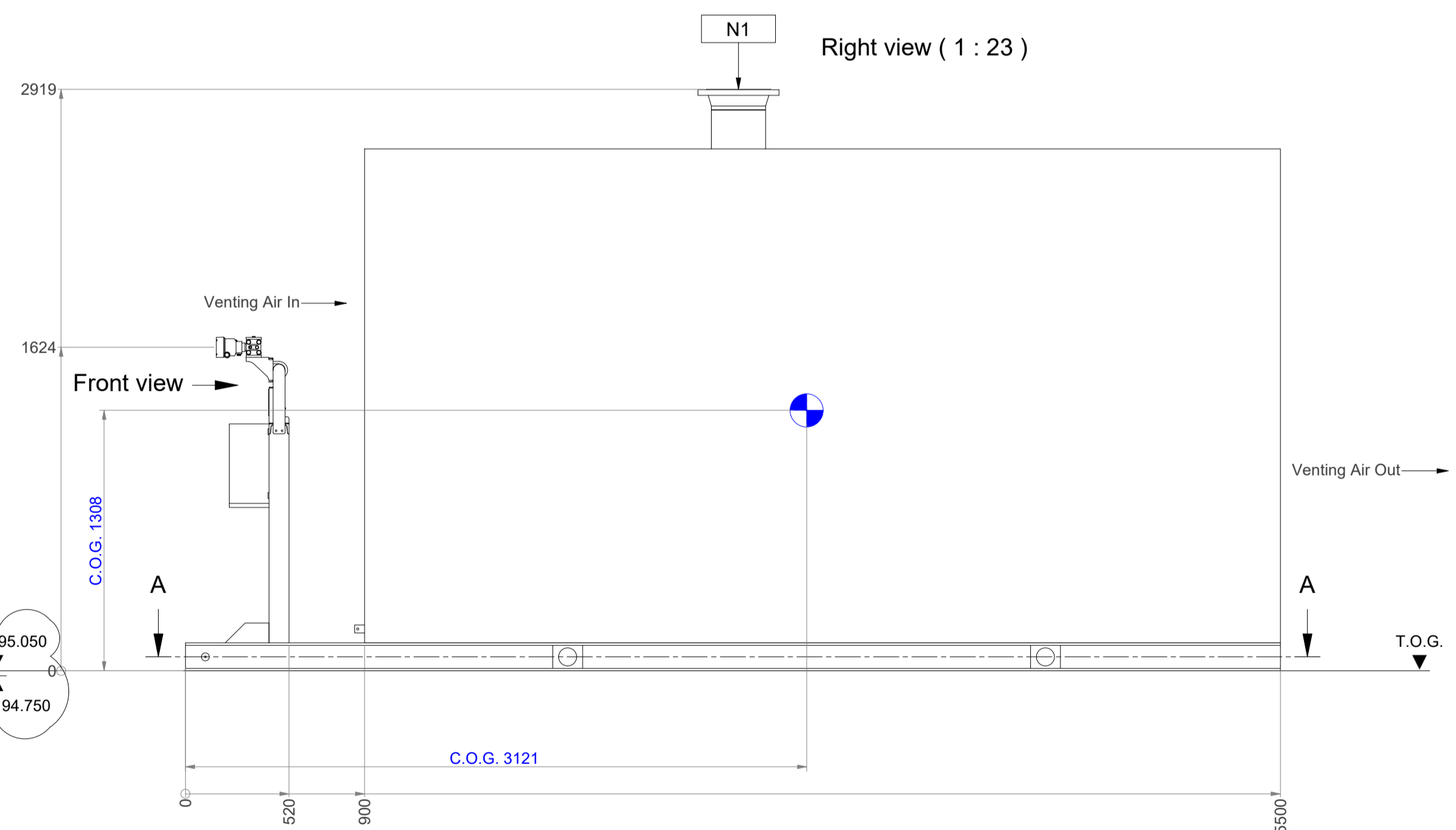
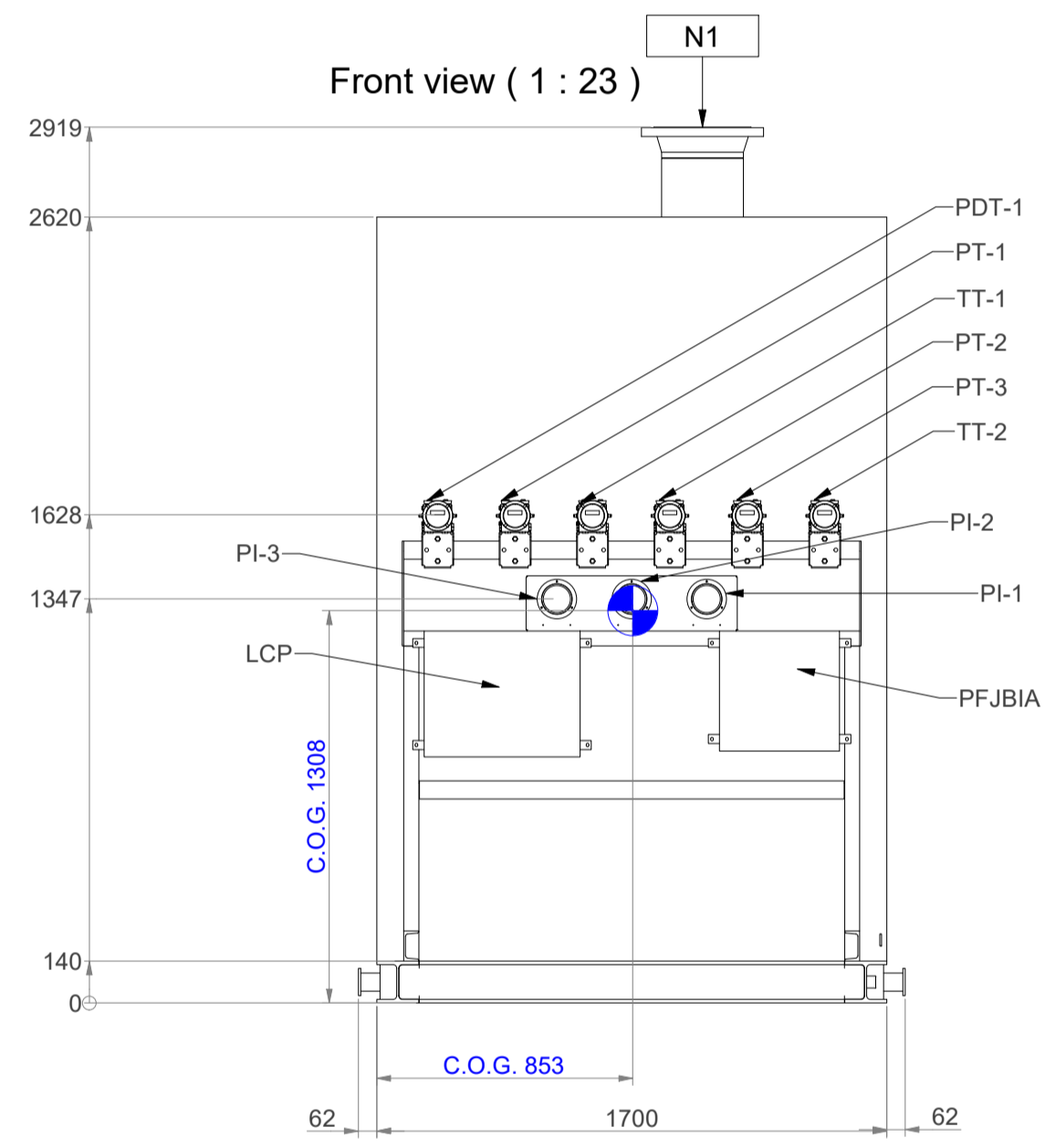
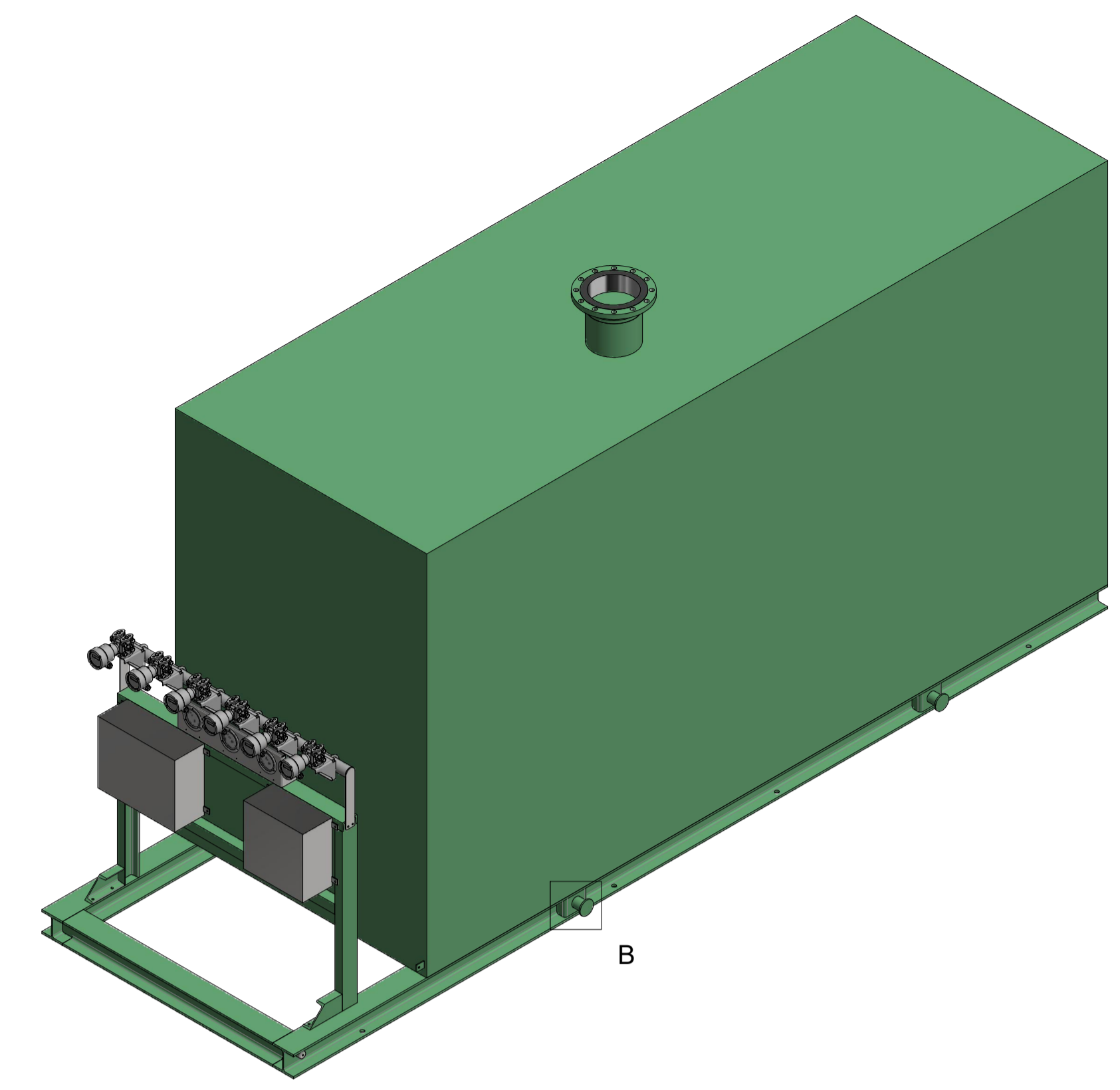
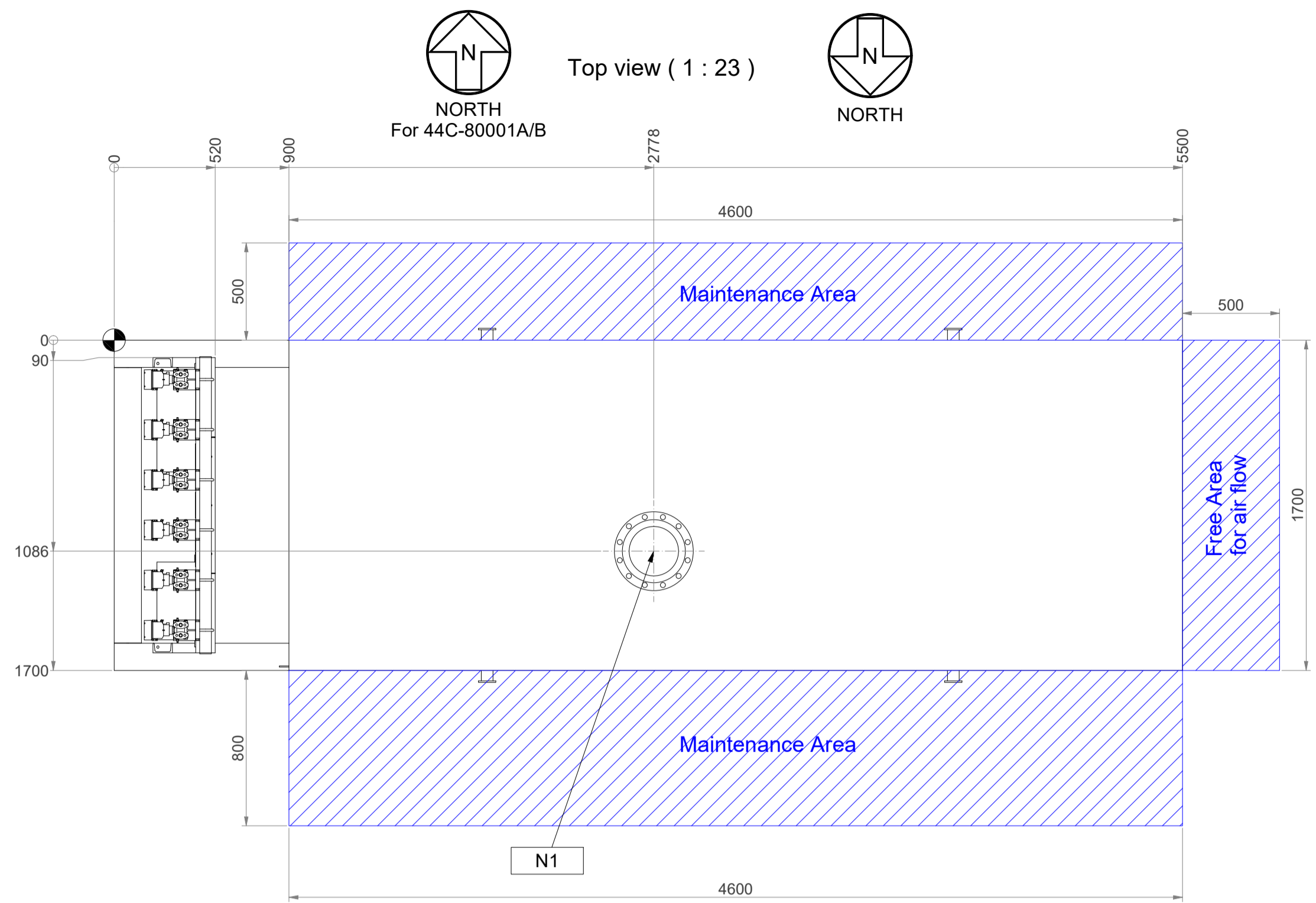
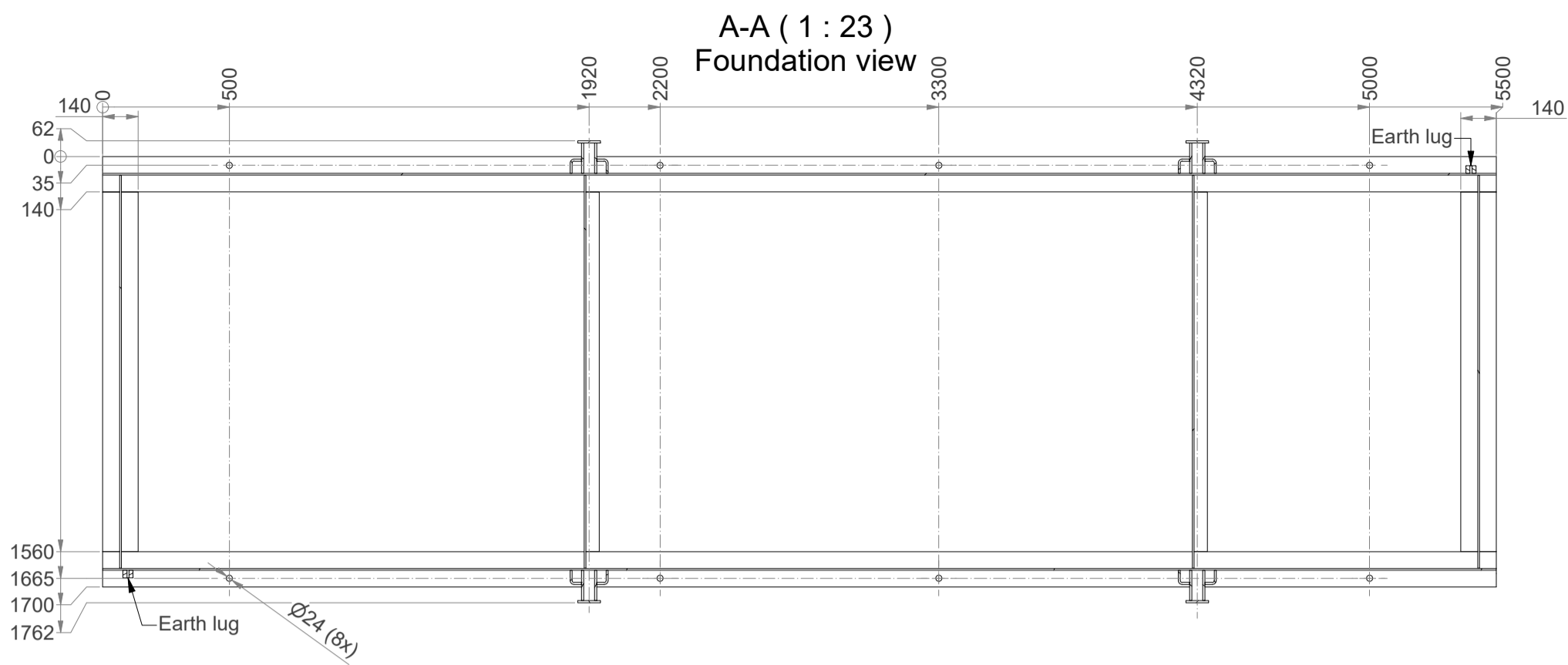
Customer Document : 3944-VD-0171-DYP-RE-400-DWG-0021
Number

Airpack Document Number : 23383-04B

Document Title : General Arrangement Drawing 44C-80001/80005

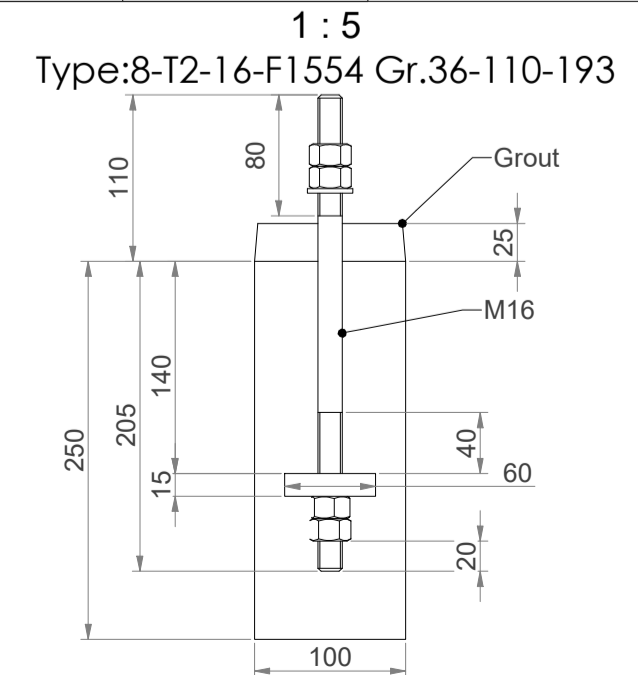
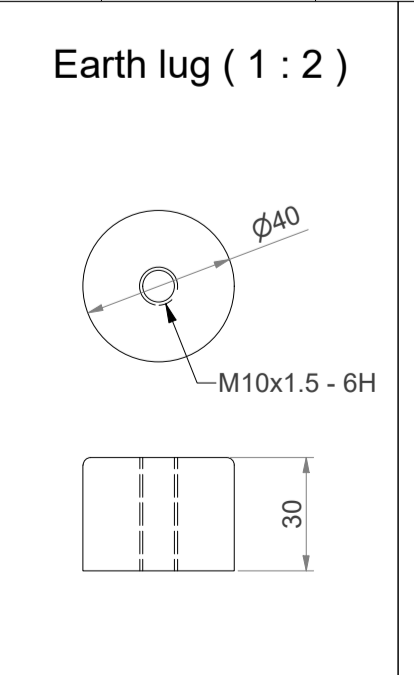
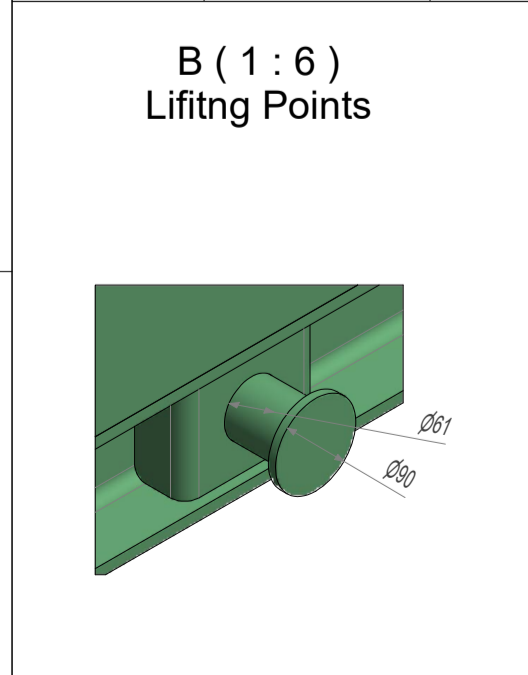
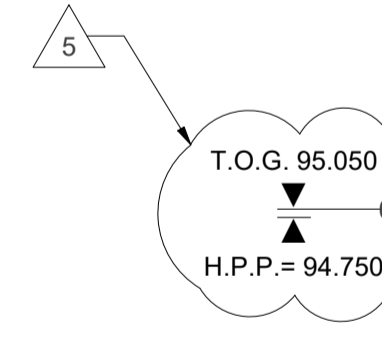
Review Code and Status		Contractor Initials/Signature	Date signed
<input type="checkbox"/>	Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed		
<input type="checkbox"/>	Code 2 Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments		
<input type="checkbox"/>	Code 3 No Comments - Work may proceed.		
<input type="checkbox"/>	Code 4 Information only - Review not required.		

05	Issued for Approval	27-03-2026	FT	SC	JJ
04	Issued for Approval	02-12-2025	MD	SC	JJ
03	Issued for Approval	14-10-2025	MD	SC	JJ
02	Issued for Approval	08-08-2025	MD	SC	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by



Panels					
Compressor:	44C-80001A	44C-80001B	44C-80005A	44C-80005B	44C-80005C
LCP	44LCP-8004011	44LCP-8004021	44LCP-8004071	44LCP-8004081	44LCP-8004091
PFJBIA	PFJBIA-80081	PFJBIA-80082	PFJBIA-80087	PFJBIA-80088	PFJBIA-80089

Instrumentation tag numbers					
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Compressor:	44C-80001A	44C-80001B	44C-80005A	44C-80005B	44C-80005C
PDT-1	44PDT-8004001	44PDT-8004002	44PDT-8005001	44PDT-8005002	44PDT-8005003
PT-1	44PT-8004001	44PT-8004003	44PT-8005001	44PT-8005004	44PT-8005006
PI-1	44PI-8004001	44PI-8004005	44PI-8005001	44PI-8005005	44PI-8005007
TT-1	44TT-8004041	44TT-8004042	44TT-8005041	44TT-8005042	44TT-8005043
PI-2	44PI-8004041	44PI-8004042	44PI-8005041	44PI-8005042	44PI-8005043
PT-2	44PT-8004041	44PT-8004042	44PT-8005041	44PT-8005042	44PT-8005043
PT-3	44PT-8004002	44PT-8004004	44PT-8005002	44PT-8005005	44PT-8005007
PI-3	44PI-8004002	44PI-8004006	44PI-8005002	44PI-8005006	44PI-8005008
TT-2	44TT-8004001	44TT-8004003	44TT-8005001	44TT-8005003	44TT-8005004



Main Data:	
Description	Data
Installed Power	250kW, 6000V, 50Hz
Medium	Air
Suction Volume	90 m3/min.
Intake Pressure	1.063 bar(a)
End Pressure	2.5 bar(a)
Intake Temp.	48°C

44C-80001 A/B-M1 & 44C-80005 A/B/C-M1	
Description	Value
Main motor	Rated Power: 250 kW Speed: 2980 rpm Power Supply: 6kV / 50 Hz / 3ph Item number: 44C-80001A/B-M1, 44C-80005A/B/C-M1
Compressor Ventilation Fan Motor	Rated Power: 3 kW Power Supply: 4kV / 50 Hz / 3ph Item number: 44C-80001A/B-M3, 44C-80005A/B/C-M3
Oil Demister Motor	Rated Power: 0,37 kW Power Supply: 2,3 kV / 50 Hz / 1ph Item number: 44C-80001A/B-M2, 44C-80005A/B/C-M2

Weight Data SKID		
ITEM	Empty lbs [Kg]	Operational lbs [Kg]
Skid	18850 [8550]	19511 [8850]

NOZZLE DATA						
Tie - in Point	Nozzle	Size	Rating	Type	Material	Remarks
Outlet	N1	12"	150#	RF	ASA1024, ASME B16.5	

Configuration of the packages: VML95E
5x compressor package
2x 44C-80001
3x 44C-80005

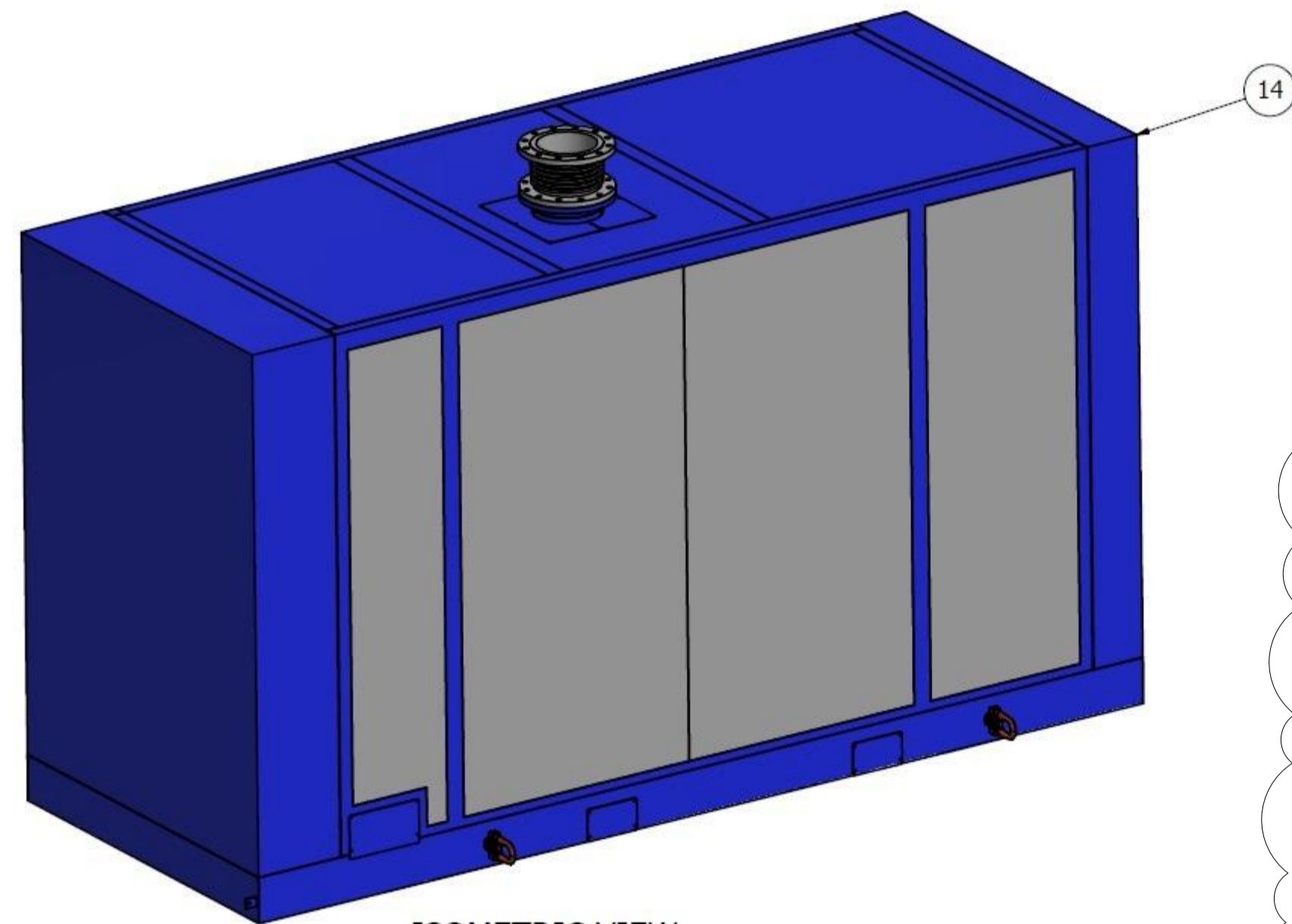
NOTES

- Painting procedure: Airpack standard, ISO 12944 corrosion category C5 (CD: 3944-VD-0180-DYP-RE-800-PRC-0151)
- Skid material is S355
- All connections provided by the customer are to be mounted stress - relieved and moment - free!

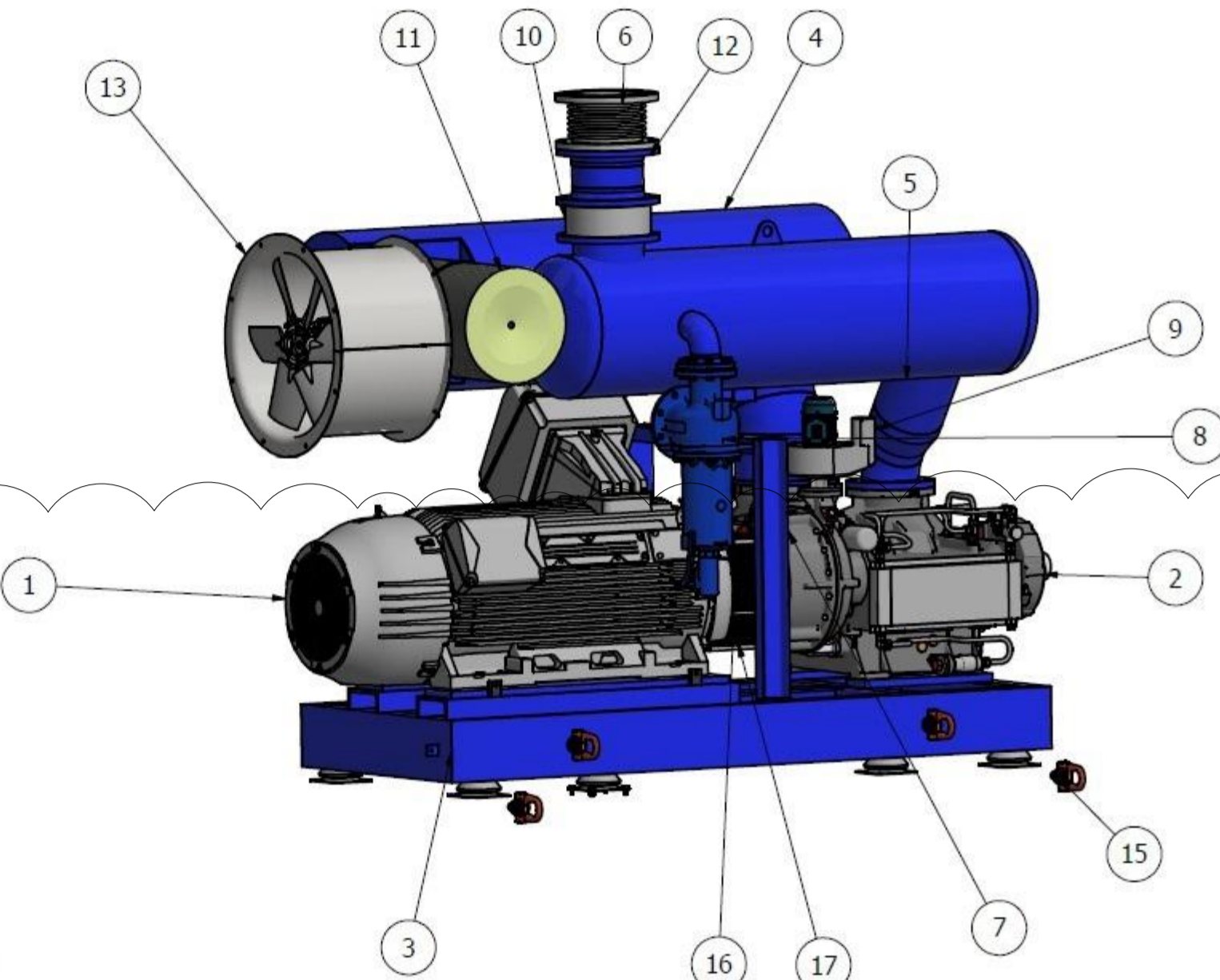
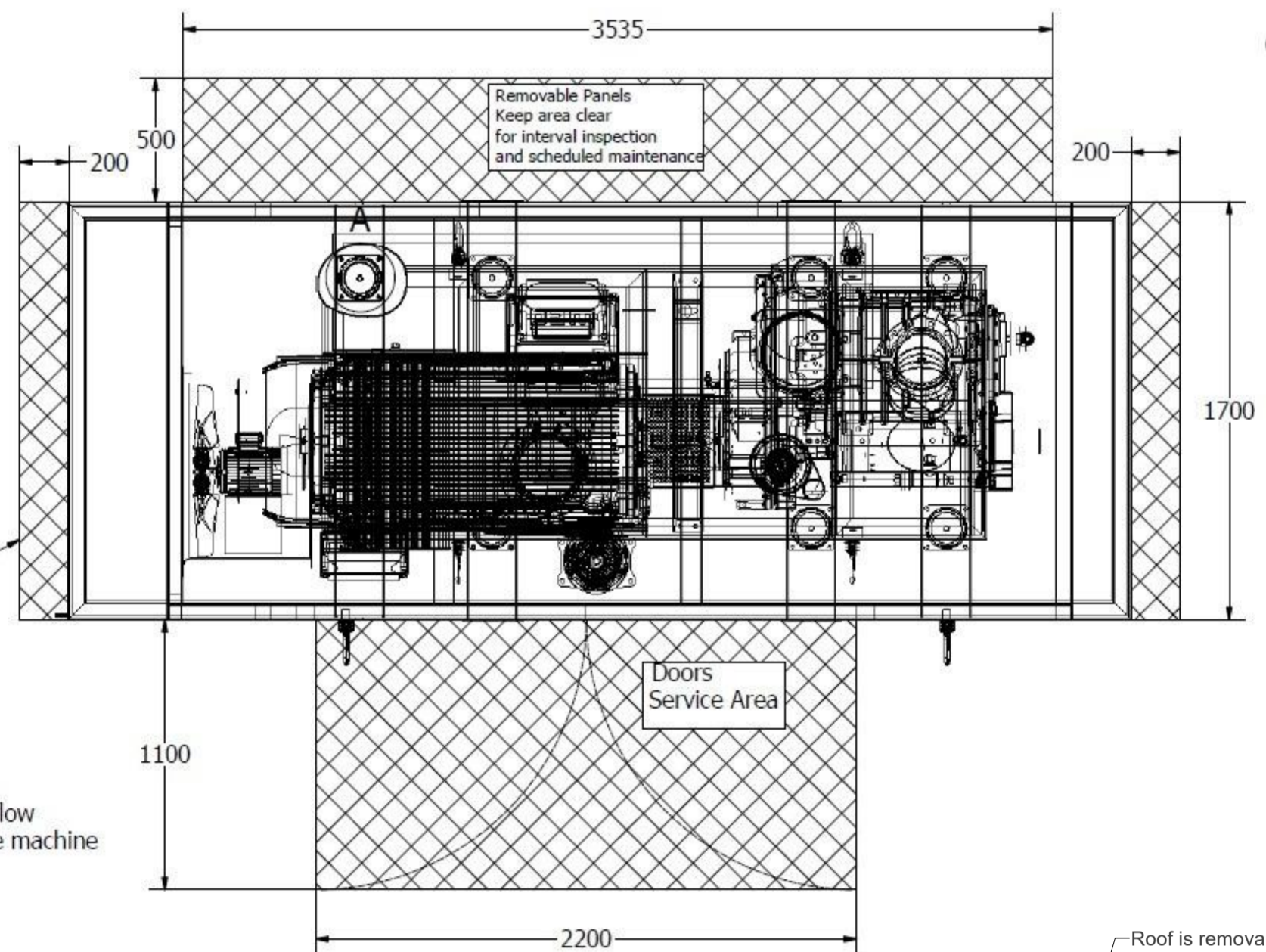
Subject	23383-COM General Arrangement Drawing 80001 A/B & 80005 A/B/C	Projection	ISO-2768-1 (V)	This drawing is owned by Airpack and shall not be printed or copied in any other way than with Airpack's PERMISSION
Client	Arya Sasol Polymer Company	Tolerances acc.to:	ISO-2768-1 (V)	MODIFICATIONS
Client Ref.	ASPC Project	Date	27-3-2026	REV. DATE DRAWN ACC.
Client Doc. No.		Drawn by	MD	
		Checked by	FVT	
		Plant Location	Iran, Onshore	
		Scale	--	
		Airpack Ref.	23383-COM	
		Drawing No.	23383-04B GAD	

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4320 RN Zevenaar
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Sheet 1 of 2

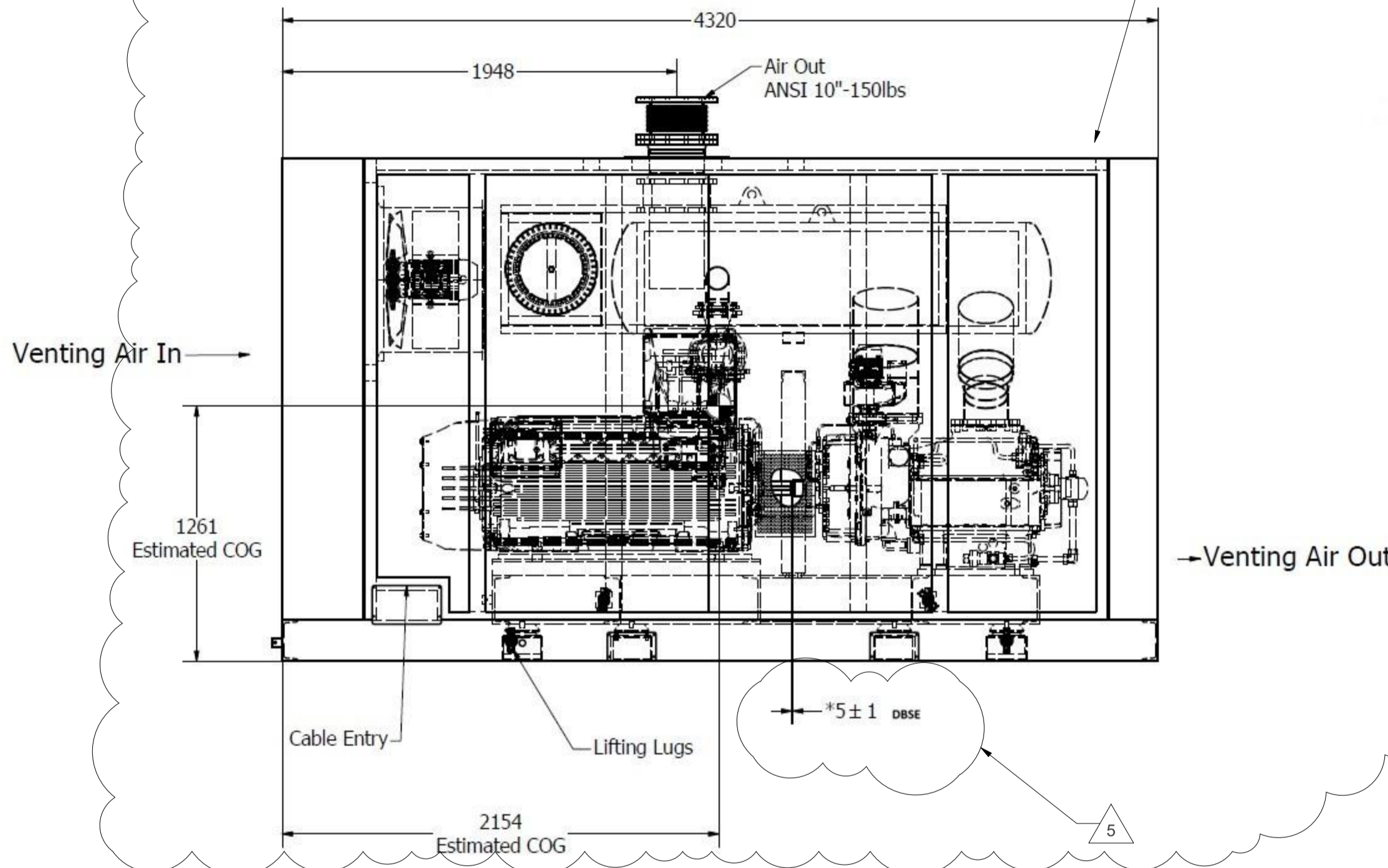
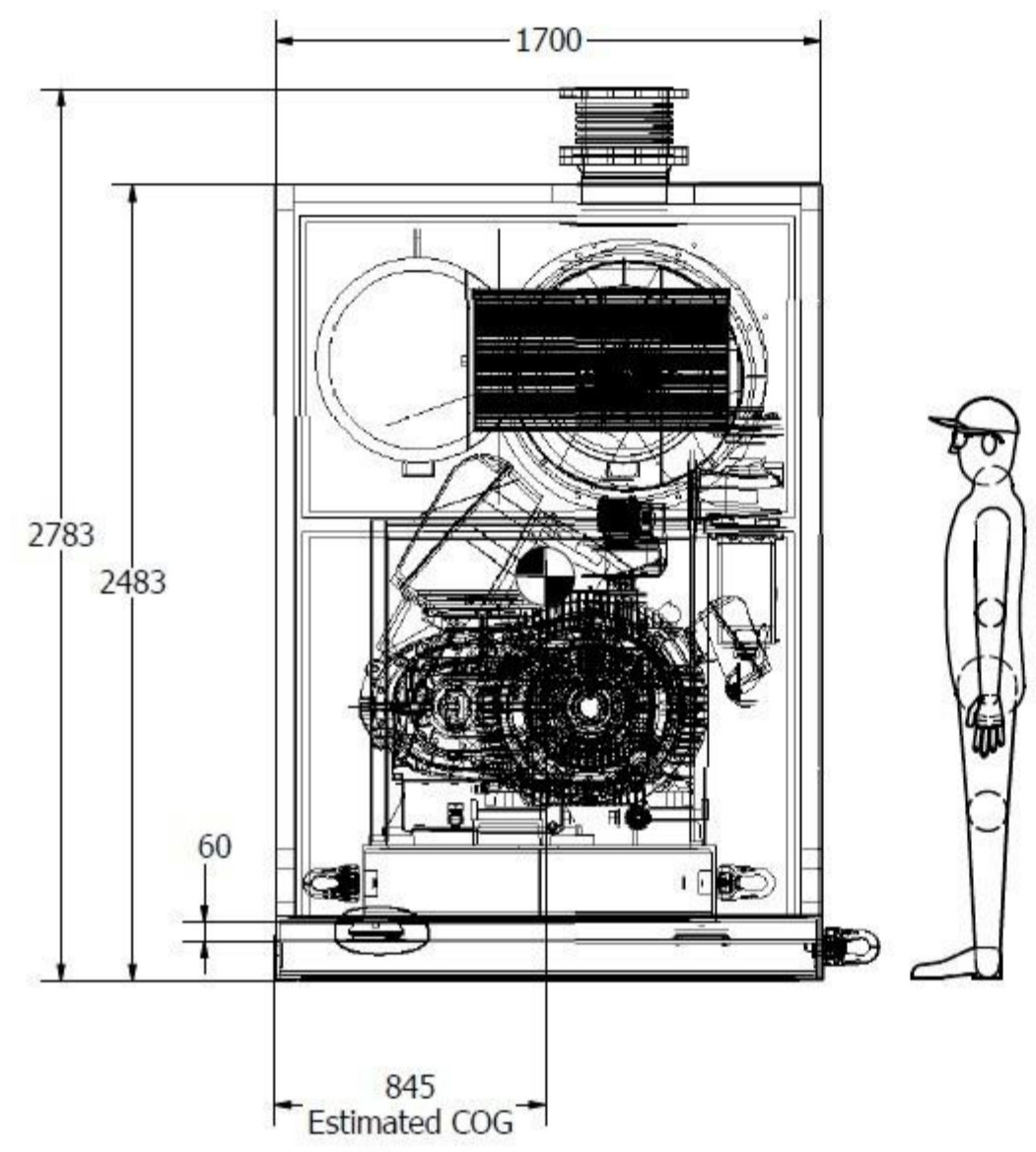
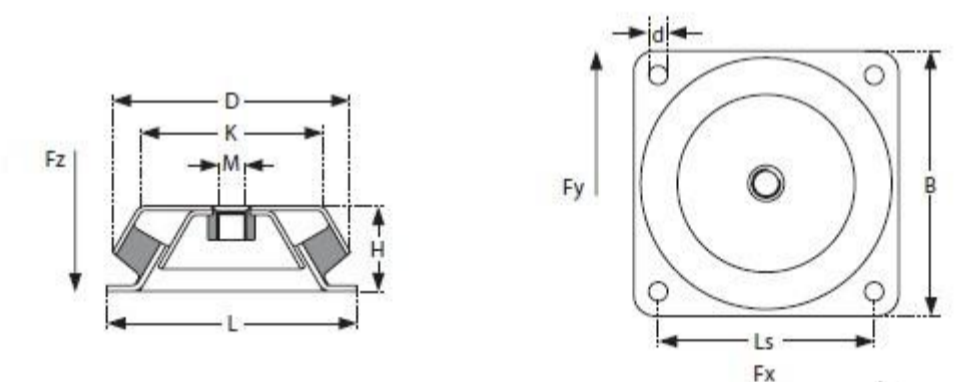


ISOMETRIC VIEW
W/ ACOUSTIC HOOD



MAIN PARTS
ACOUSTIC HOOD NOT
SHOWN

L (mm)	Ls (mm)	K (mm)	D (mm)	H (mm)	B (mm)	M (mm)	d (mm)	Shore A
184	150	126	175	63	184	M20i	13	40°
184	150	126	175	63	184	M20i	13	55°
184	150	126	175	63	184	M20i	13	70°



PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	250 KW Electric motor
2	1	VML95 Compressor stage
3	1	Main frame
4	1	Intake Silencer
5	1	Outlet Silencer
6	1	Compensator Outlet
7	1	Support Frame
8	1	Pressure safety valve
9	1	Oil Demister
10	1	Non Return Valve
11	1	Air intake filter
12	1	Connection Pipe
13	1	FAN MP714FPM
14	1	Sound Hood
16	1	Coupling Cover
17	1	Coupling Cover

Project		Drawn: Joost Erinkveld	Roughness according NEN 3634
Date: 8-1-2026		Scale: 1:20	Tolerances according NEN 2365
Checked:			Shape- and position tolerances according NEN 3311
Client Airpack		American Projection	
Title GA-Drawing VML95		Format A1	
Aerzen Nederland b.v. Postbus 24 6920 AA Duiven NL		Drawing no. 010-005745	
AERZEN		Revision B	
Fotograaf 3 - 6921 RR - Duiven - tel. 026-3197534		copyright - all rights reserved	

All Main Dimensions tolerance : +/-10mm

* Koppeling:
BIRN LB108, 55°Shore,
Wüchten nach G2,5, boringen : motorzijde ø65H7 / compressorzijde ø75H7

Subject: 23383-COM		Projection: American Projection	
General Arrangement Drawing		This drawing is owned by Airpack and shall not be printed or copied in any other way than with Airpack's PERMISSION	
80001 A/B & 80005 A/B/C		27-3-2026	
Client: Arya Sasol Polymer Company	Tolerances acc.to: ISO-2768-1 (M)	Checked by: FVT	Plant Location: Iran, Onshore
Client Ref: ASPC Project	Date: 27-3-2026	Scale: ---	Airpack Ref: 23383-COM
Client Doc. No.:	P&ID REV. No.:	Scale: ---	Drawing No. 23383-04B GAD
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