



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 :
Number

Airpack Document Number : 23383-04A

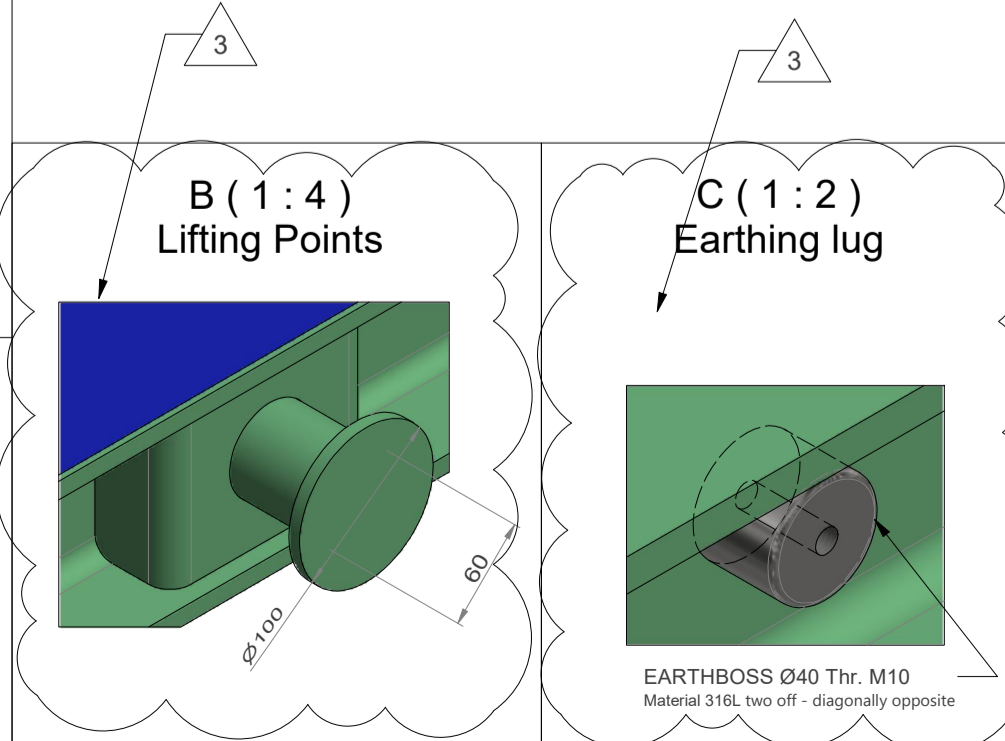
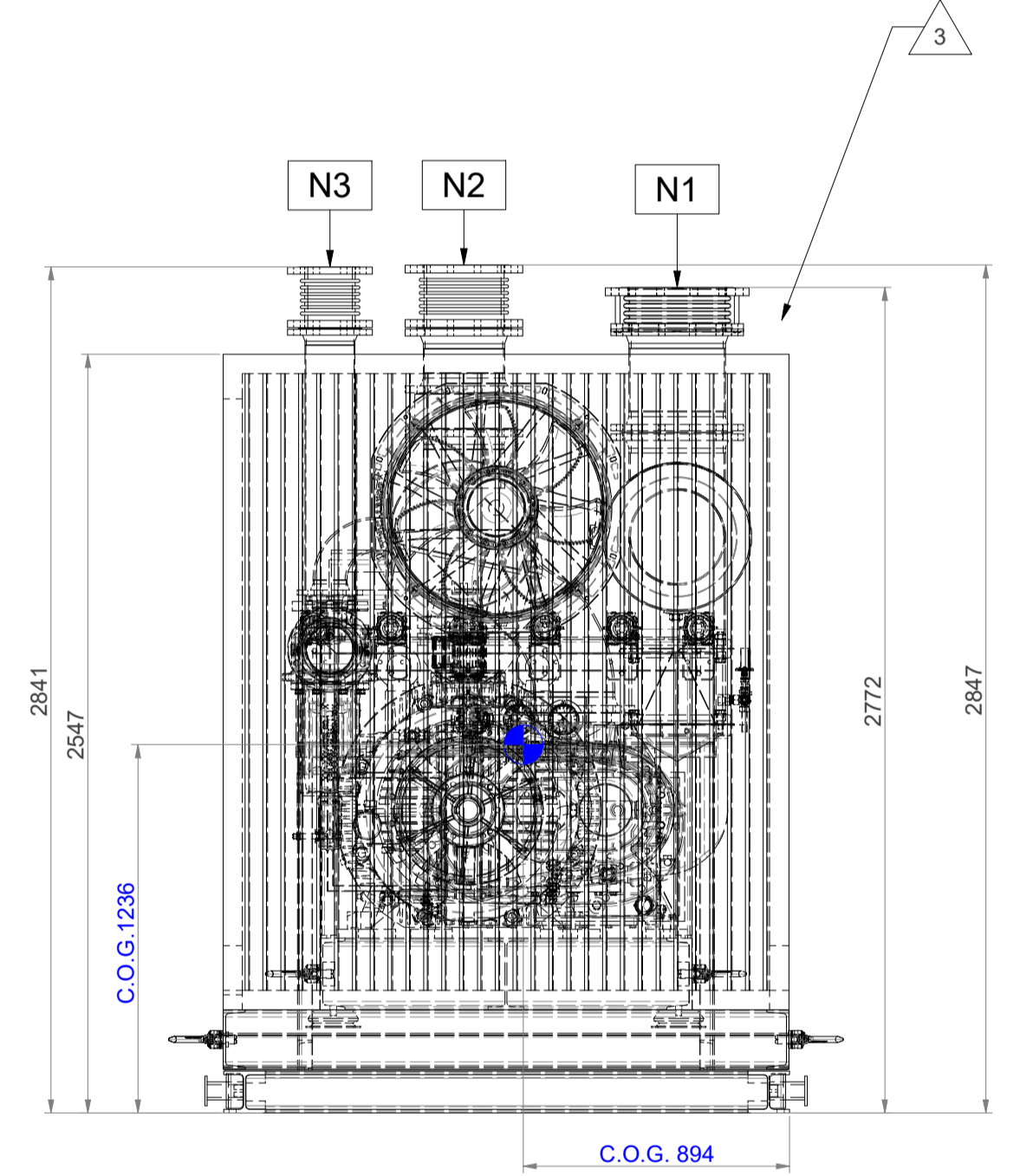
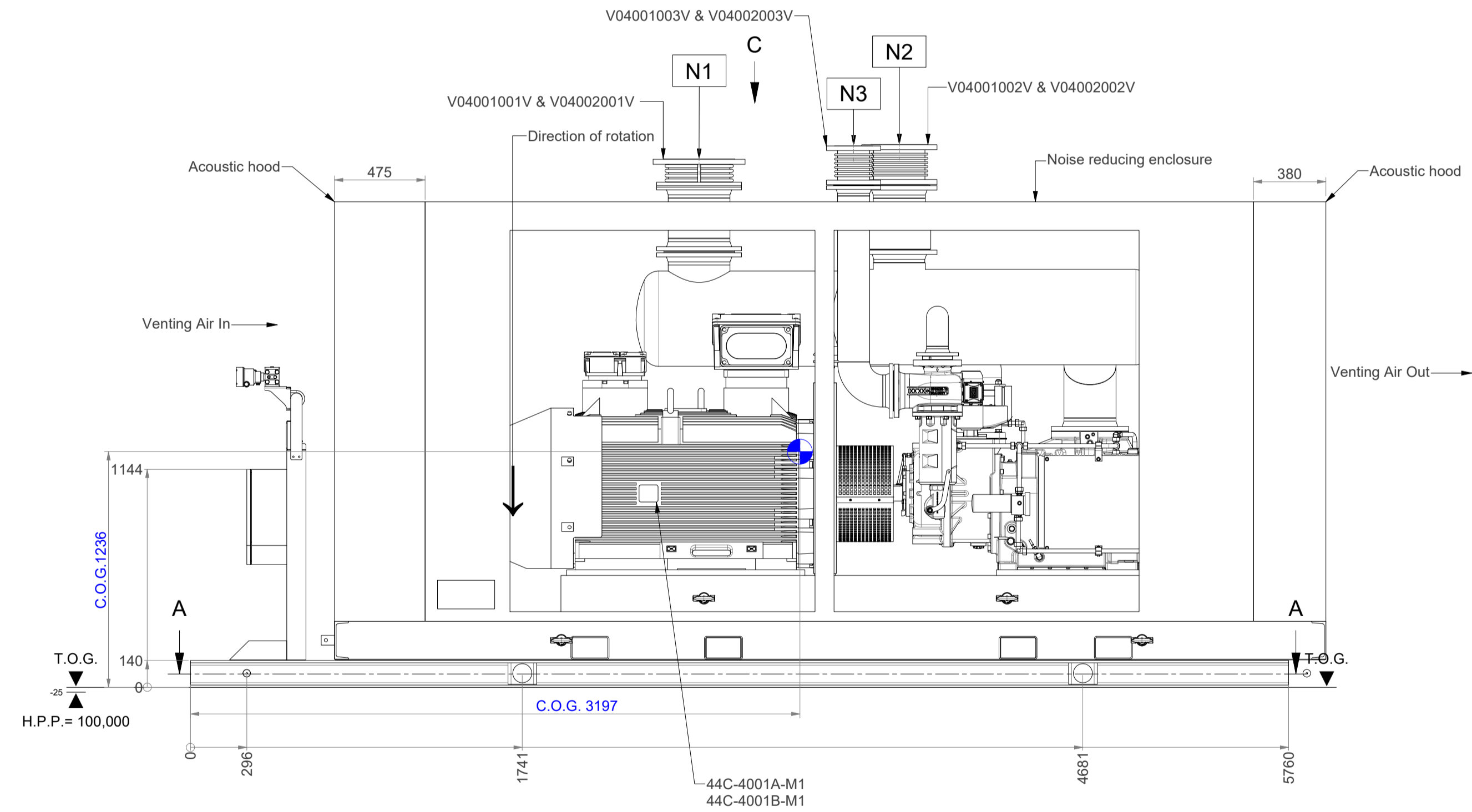
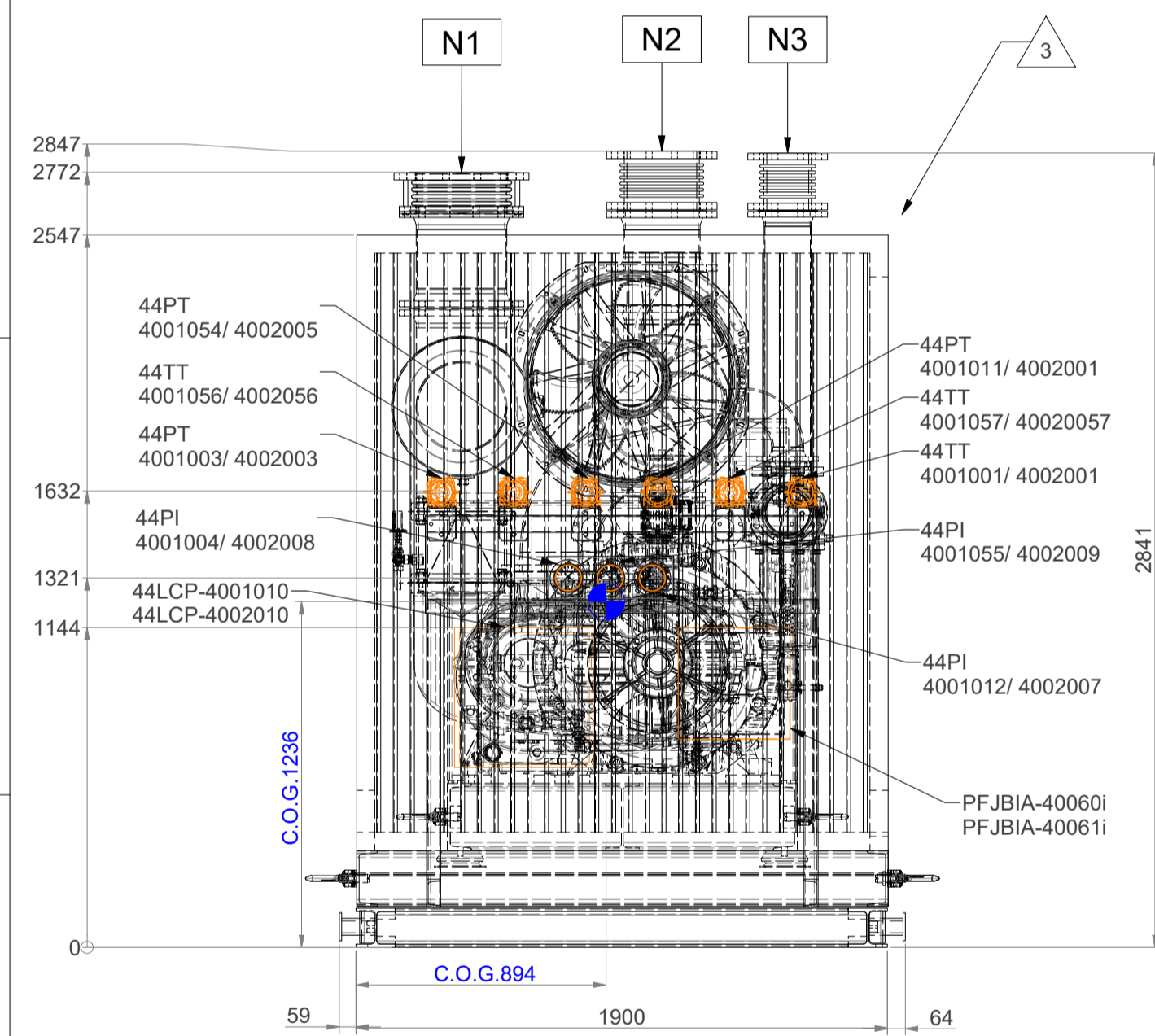
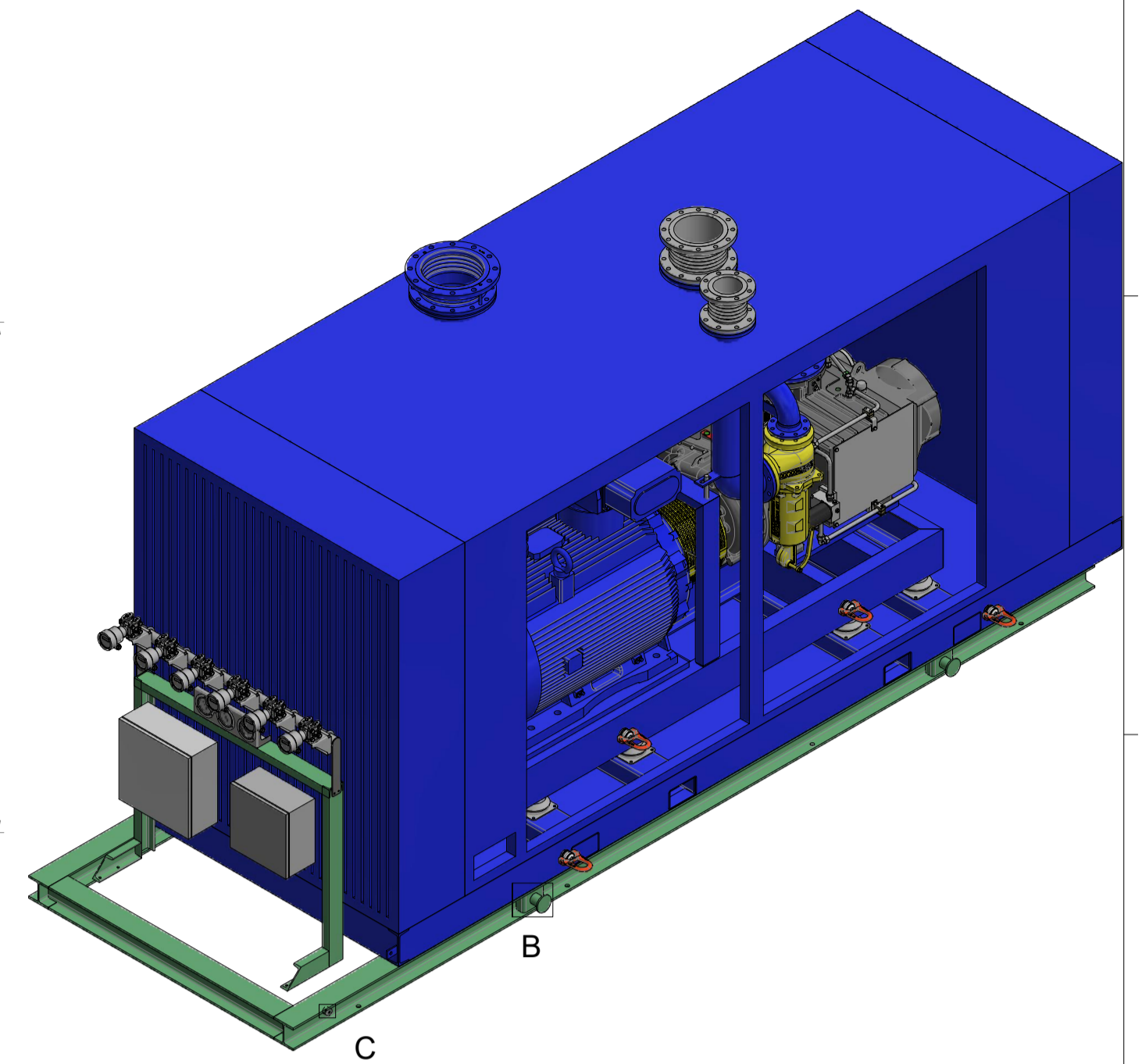
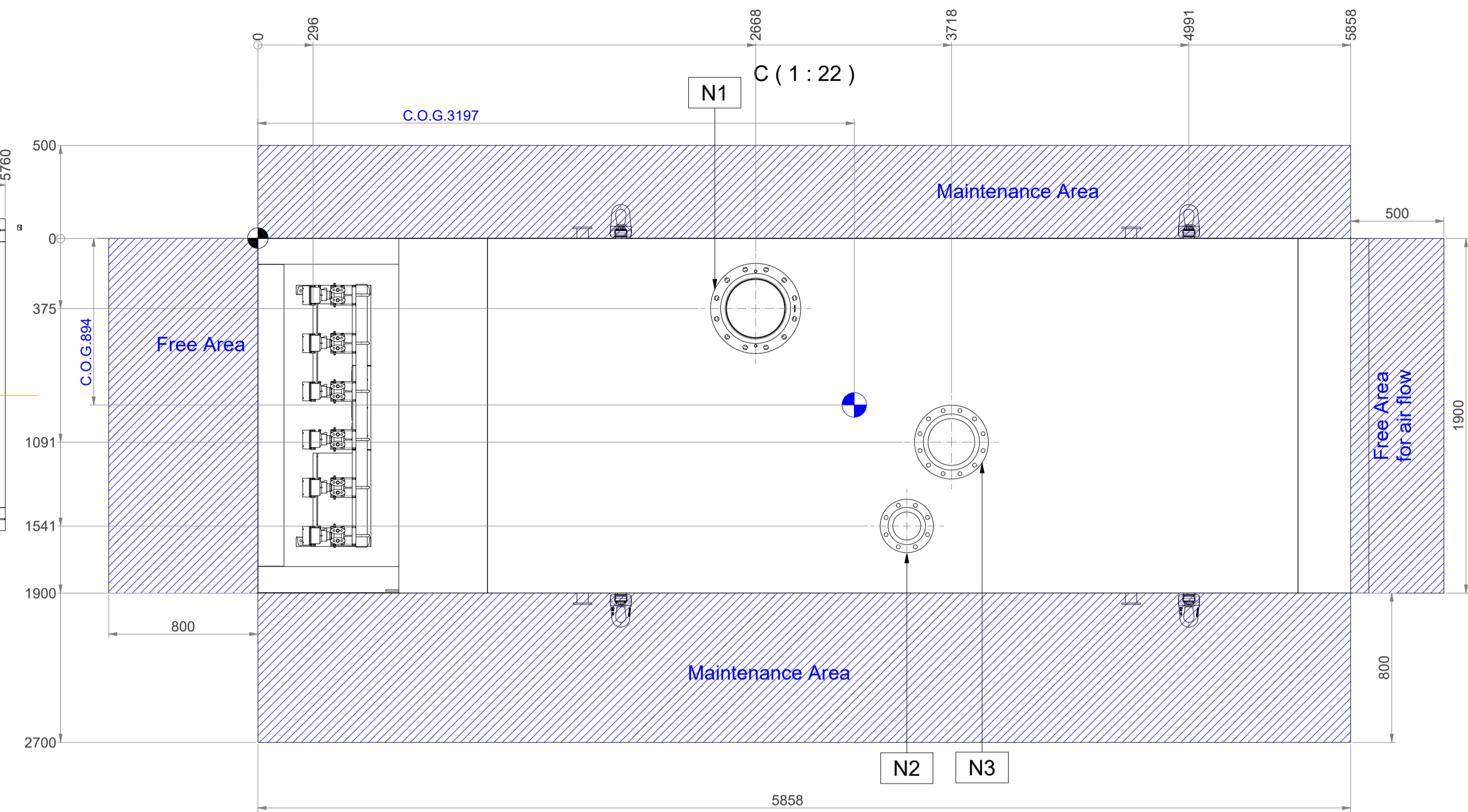
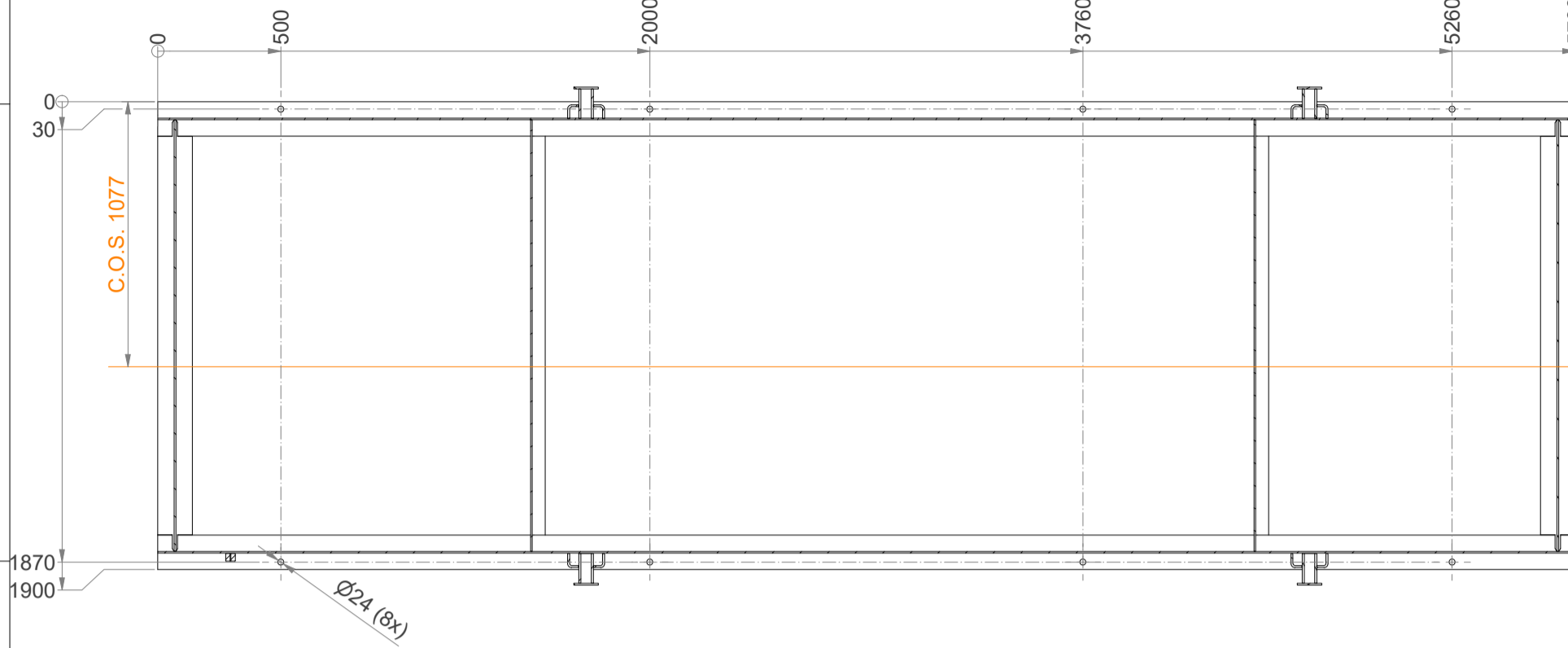
Document Title : General Arrangement Drawing 44C-40001A/B

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.		

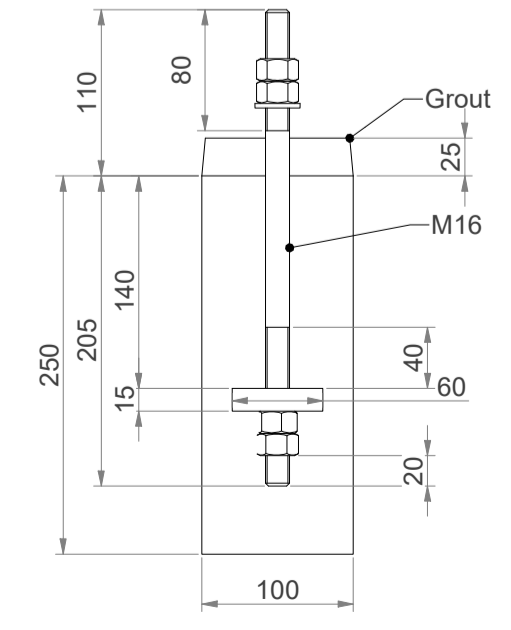
03	Issued for Approval	02-10-2025	FT	SC	JJ
02	Issued for Approval	08-08-2025	MD	SC	JJ
01	Issued for Approval	17-06-2025	MD	SC	JJ
00	Issued for Approval	08-04-2025	MD	SC	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by



A-A (1 : 25)
section view of foundation holes



Type:8-T2-16-F1554 Gr.36-110-205



Main Data:	
Description	Data
N2 compressor TAG	44C-4001A/B
Installed Power	440kW, 6000V, 50Hz
Medium	N2
Suction Volume	90 m ³ /min.
Intake Pressure	0,05 bar(a)
End Pressure	1,89 bar(a)
Intake Temp.	48 °C
Discharge temperature	189 °C
Design Pressure	5 bar(g)
Design Temperature	-10 to 280 °C

44M-40001A/B	
Description	Main Motor
Rated Power	440 kW
Speed	2988 rpm
Power Supply	6kV / 50 Hz / 3ph

Table			Weight Data SKID (Estimated)		
ITEM No.	DESCRIPTION	TAG No.	ITEM	Empty lbs [Kg]	Operational lbs [Kg]
1	Local Push Station	44LCP-400....	Skid	29101	29101
2	Junction box	PFJBIA-4006..		[13200]	[13200]

NOZZLE DATA						
Tie - in Point	Nozzle	Size	Rating	Type	Material	Remarks
Inlet	N1	12"	150#	RF	AS1A1054	acc. to ASME B16.5
Outlet	N2	10"	150#	RF	AS1A1054	acc. to ASME B16.5
Blow off	N3	8"	150#	RF	AS1A1054	acc. to ASME B16.5

NOTES

- 1) Painting according to Painting procedure: 3944-VD-0171-DYP-RE-400-PRC-0128
- 2) Skid material is 316SS
- 3) All components supplied by the customer are to be marked stress - relieved and nonmark, best
- 4) All dimensions are mm, if not indicated other wise

REFERENCE DOCUMENTS

Description	Document number
Vendor Document Schedule	3944-VD-0171-DYP-RE-400-INX-0001
Equipment List	3944-VD-0171-DYP-RE-400-LST-0010

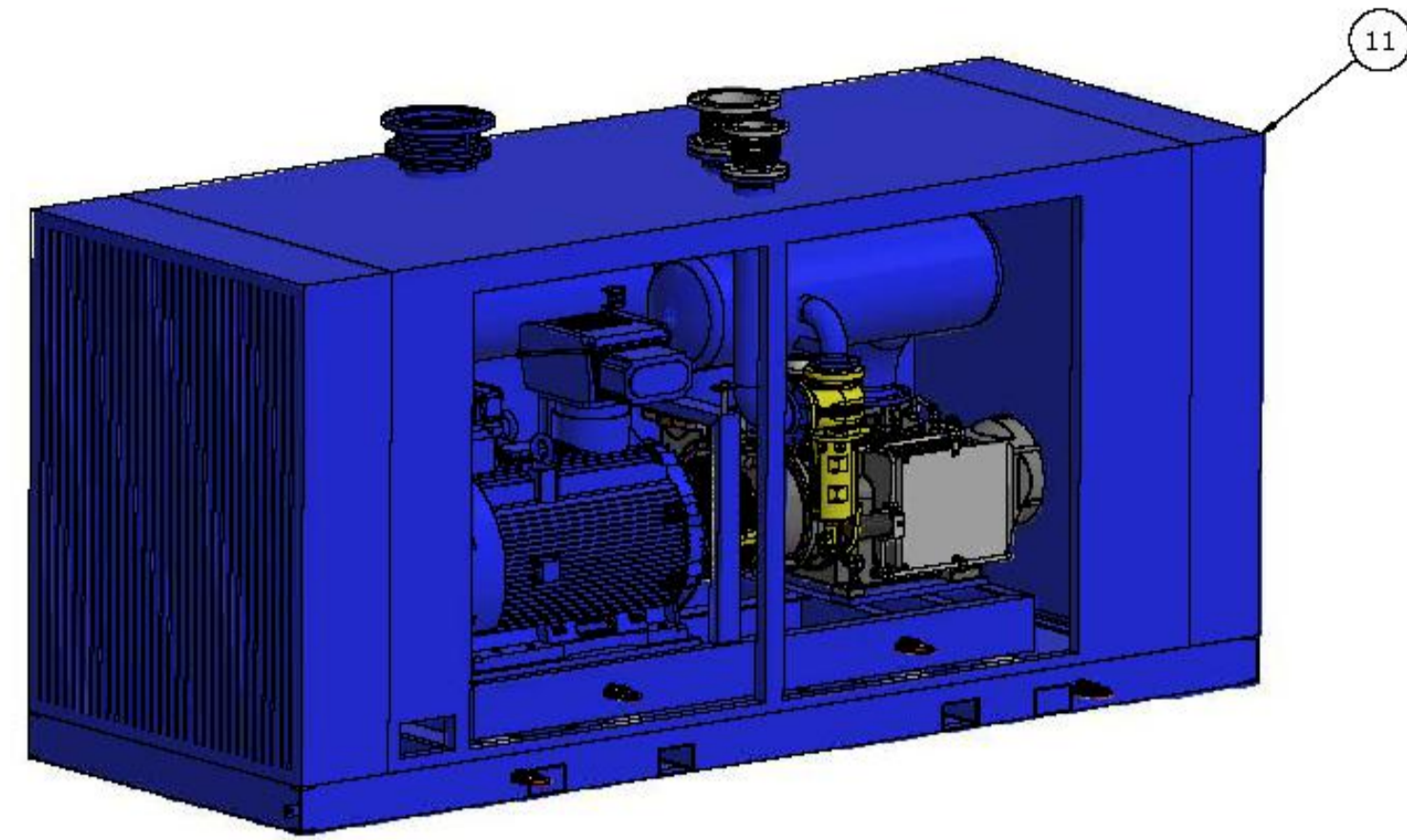
Subject: 23383-COM
General Arrangement Drawing
40001 A/B

Client Ref.	ISO-2768-1 (V)	Date	REV.	DATE	DRAWN	ACC.
Arya Sasol Polymer Company	3944-VD-0171-DYP-RE-400-DWG-0020	2-10-2025	3	2-10-2025	FVT	FVT
			2	1-8-2025	M.D.	FVT
			1	17-5-2025	M.D.	FVT
			0	7-4-2025	M.D.	FVT

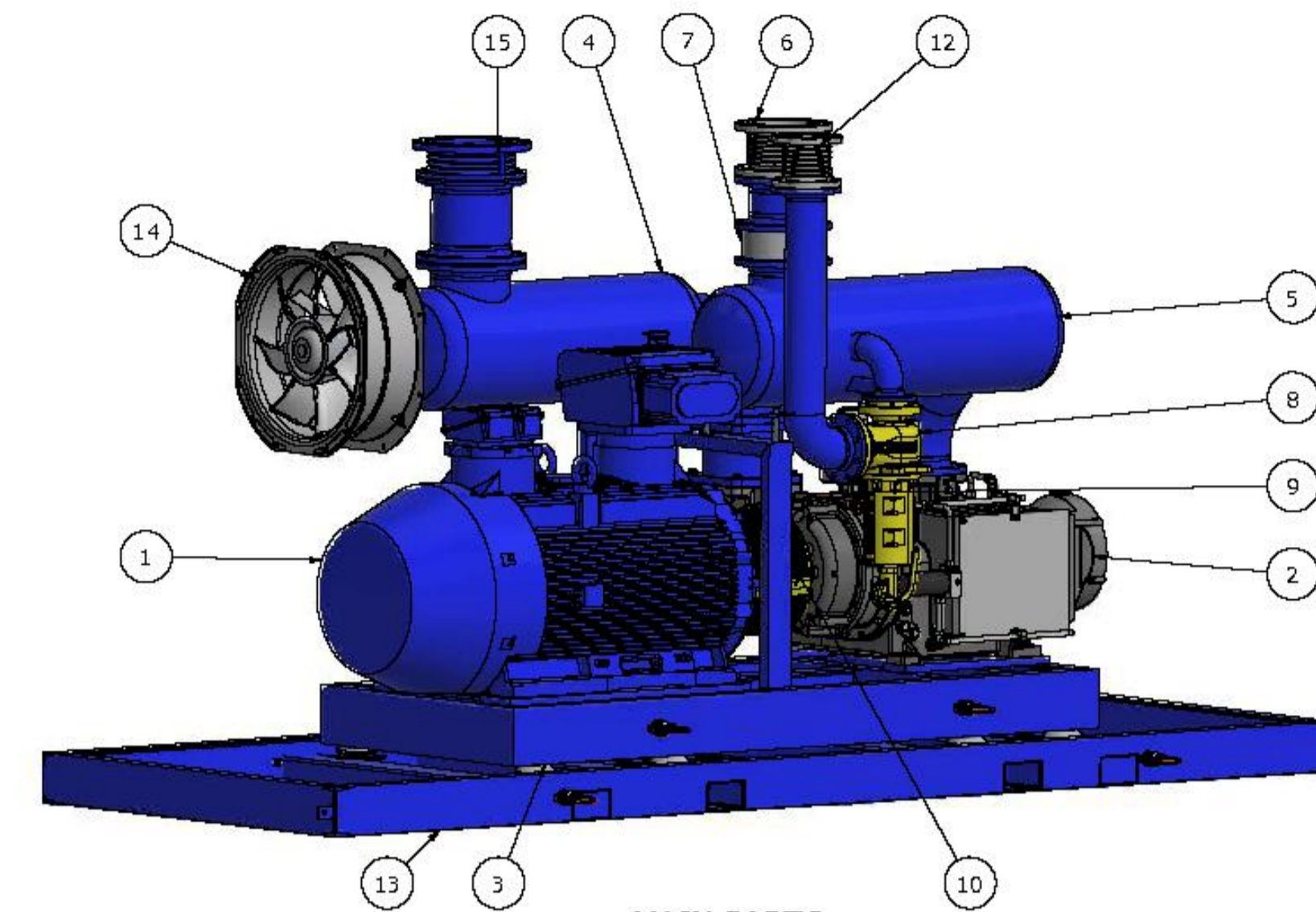
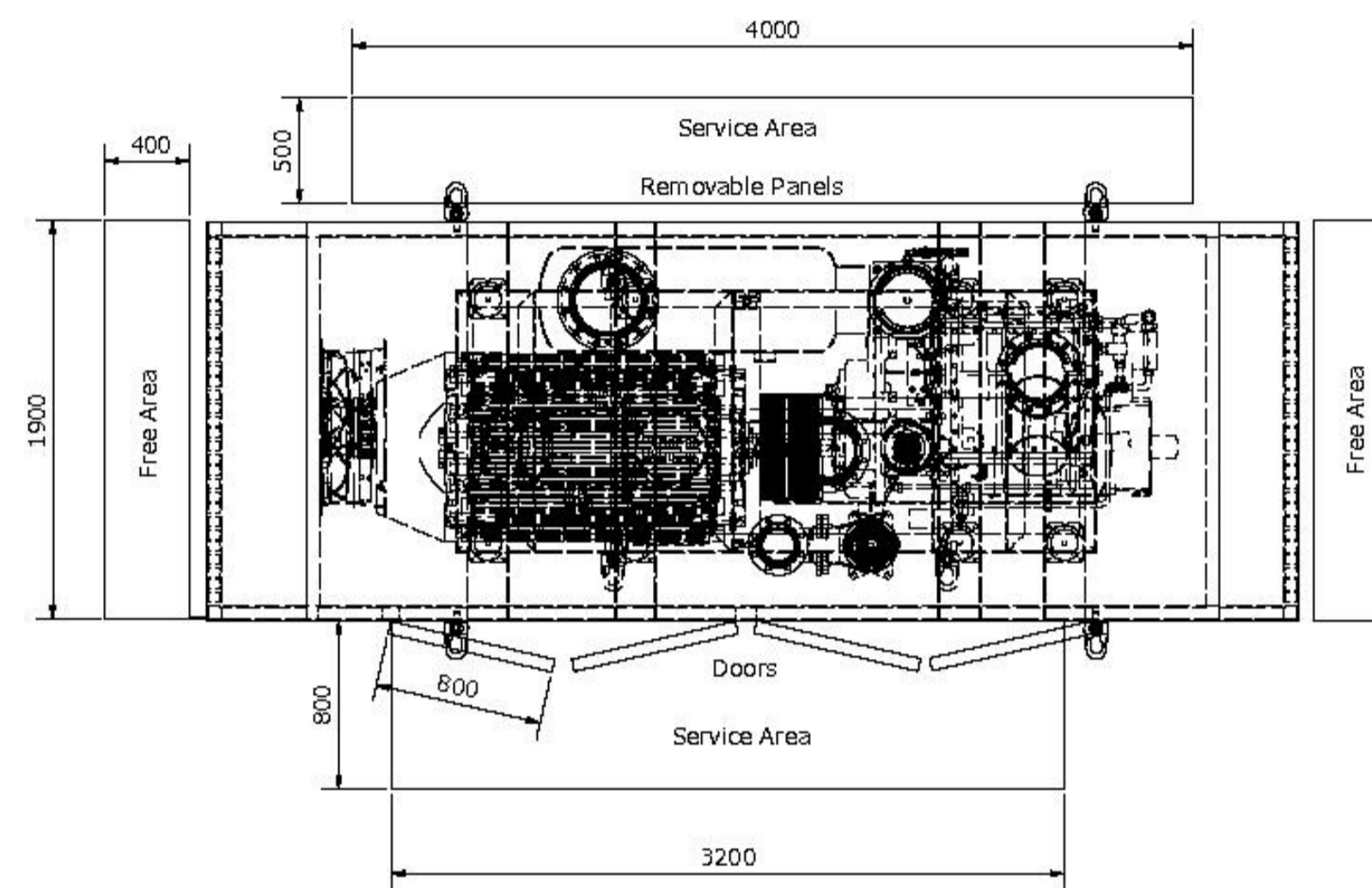
Airpack
Gronewegje 25
4321 RN Zierikzee
The Netherlands
Telephone: (011) 111-415455
E-mail: airpack@airpack.nl
URL: http://www.airpack.nl

Checked by: FVT
Plant Location: Iran, Onshore
Scale: --
Airpack Ref.: 23383-COM
Drawing No.: 23383-04A GAD

Sheet 1 of 2



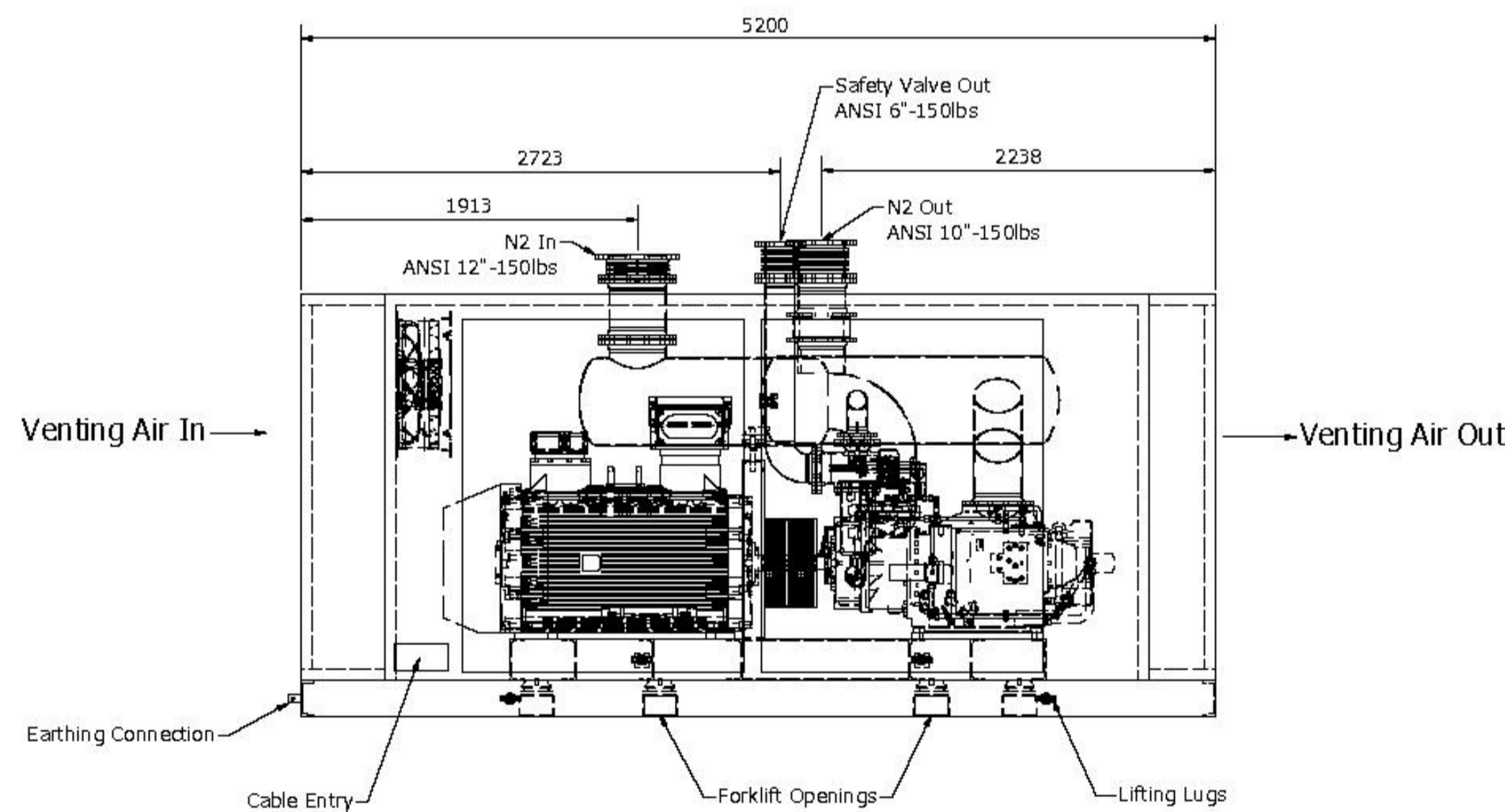
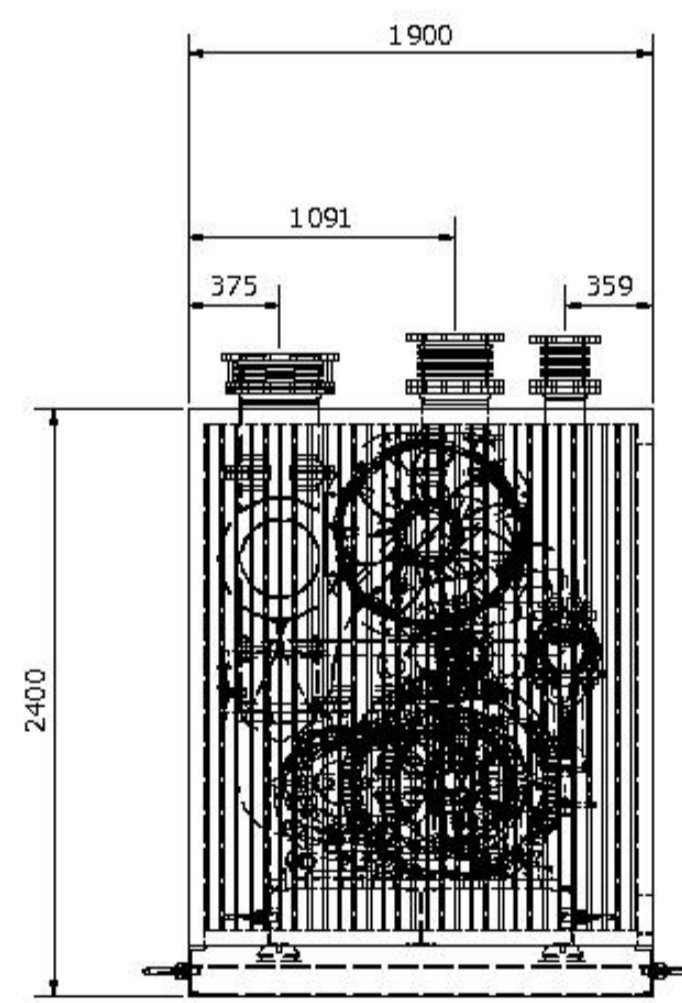
ISOMETRIC VIEW



MAIN PARTS

Main Data :

Installed Power : 450kW , 6.000V , 50Hz , Ex
 Medium : Nitrogen
 Suction Volume : 120 m3/min.
 Intake Pressure : 1,063 bar(a)
 End Pressure : 2,9 bar(a)
 Intake Temp. : 48°C
 Unit Weight : appr. 12.000 kg.



All Main Dimensions tolerance : +/-10mm

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	Motor
2	1	VM100 Compressor stage
3	1	Main Frame
4	1	Intake Silencer
5	1	Outlet Silencer
6	1	Compensator Outlet
7	1	Non Return Valve
8	1	Pressure Safety Valve
9	1	Oil Demistor
10	1	Coupling Guard
11	1	Acoustic Hood
12	1	Compensator Safety Valve
13	1	Base Frame
14	1	Acoustic Hood Fan
15	1	Compensator Inlet

Project	Drawn	ISO 2768-1 (v)	Tolerances according to EN 2289
	Date 25-3-2025	Scale 1 / 25	Shape and position tolerances according to EN 3311
Client Airpack	Checked	American Projection	
	Title GA-Drawing VM100-N2	Format A1	Drawing no.
		Revision	Revision
		Revision	Revision

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Subject	23383-COM General Arrangement Drawing 40001 A/B	Projection		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.	3944-VD-0171-DYP-RE-400-DWG-0020	Client Ref. No.	PA&D REV. No.	Date
Client Doc. No.		Checked by	FVT	2-10-2025
		Plant Location	Iran, Onshore	
		Scale	---	
		Airpack Ref.	23383-COM	
		Drawing No.	23383-04A GAD	Sheet 2 of 2