



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-0023
Number

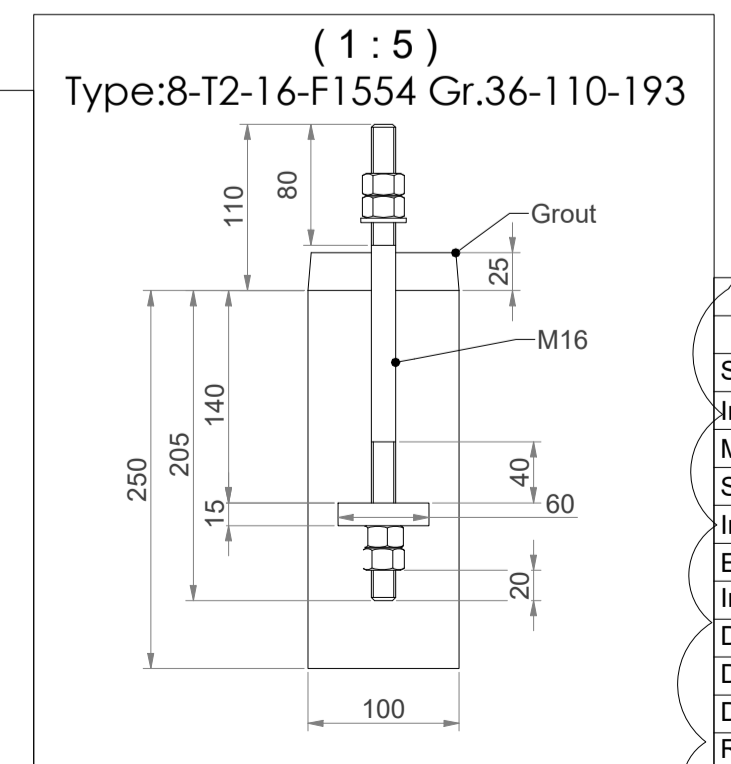
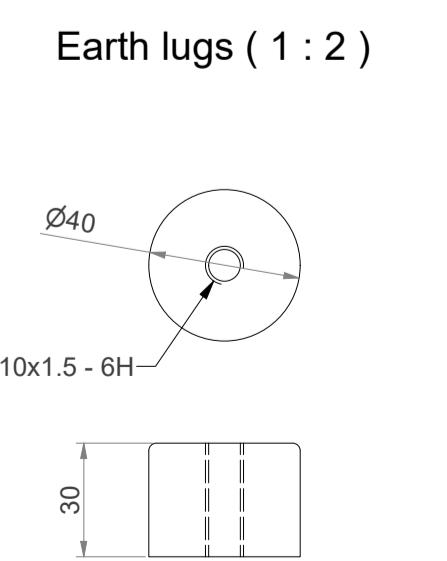
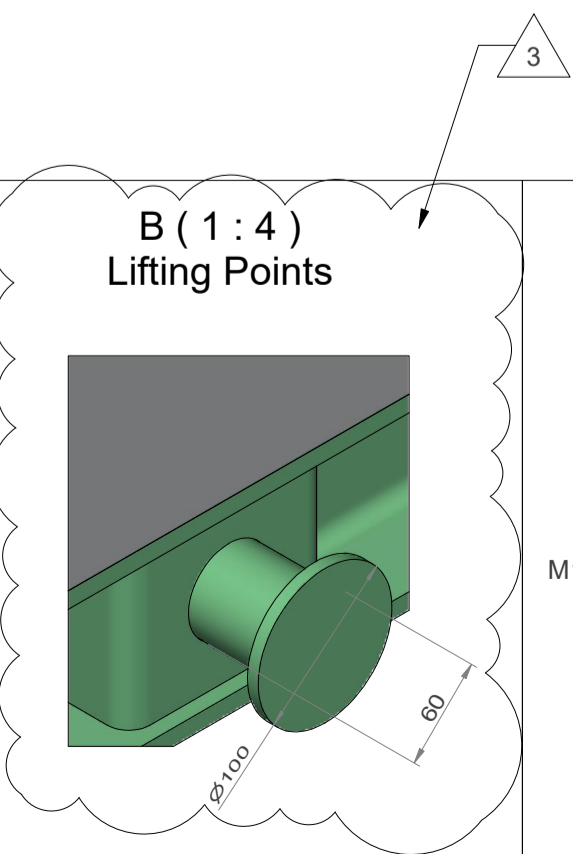
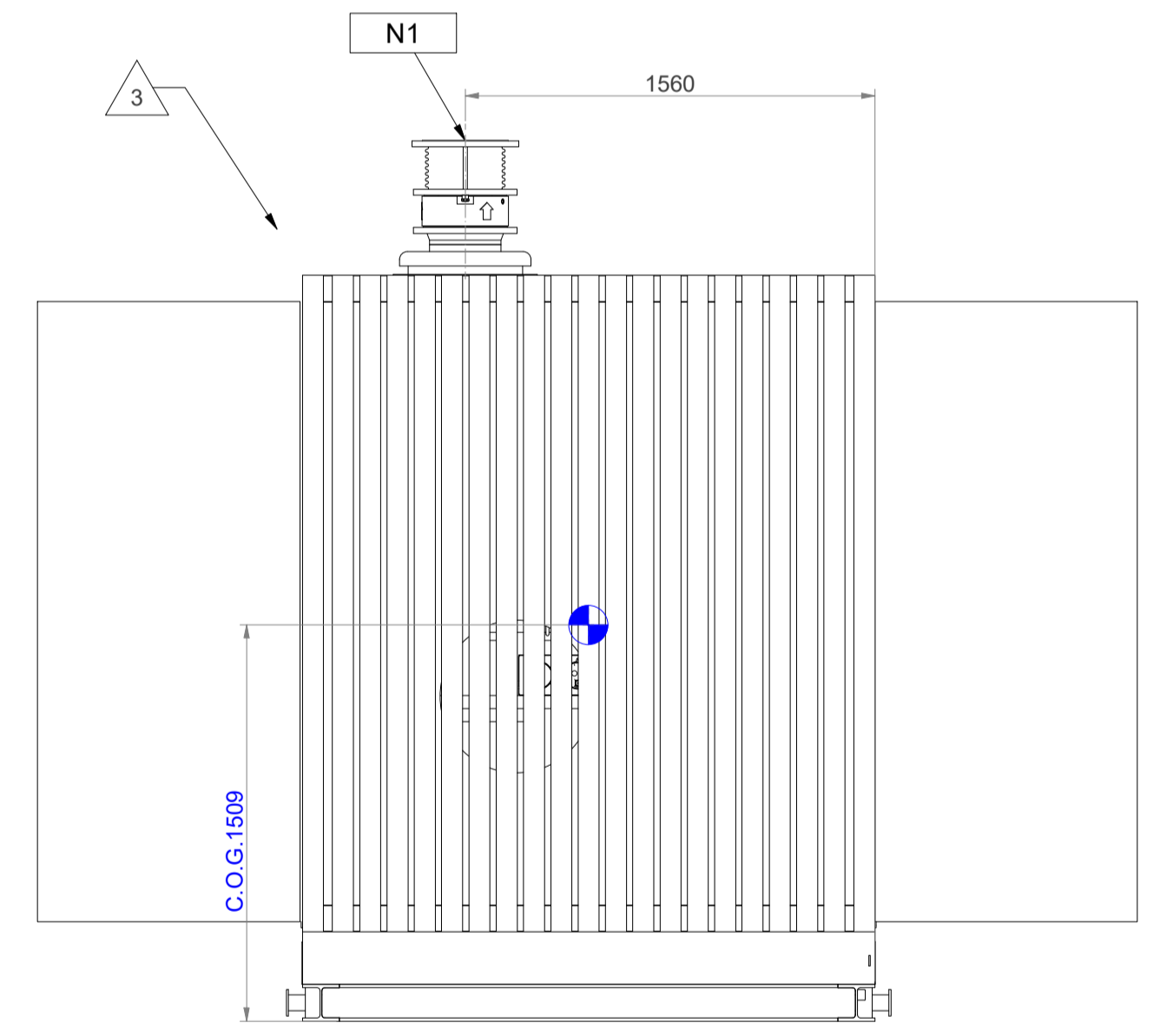
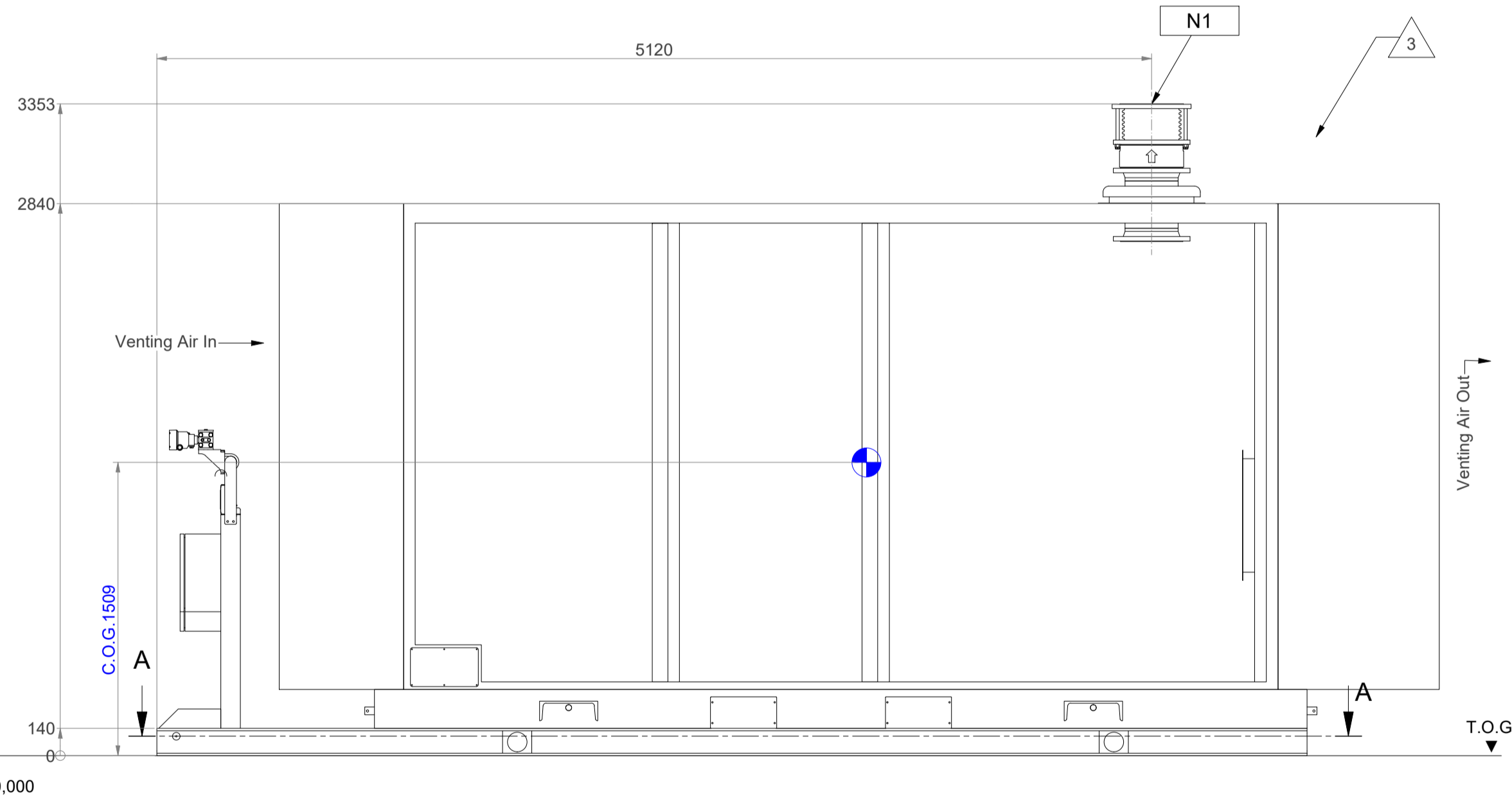
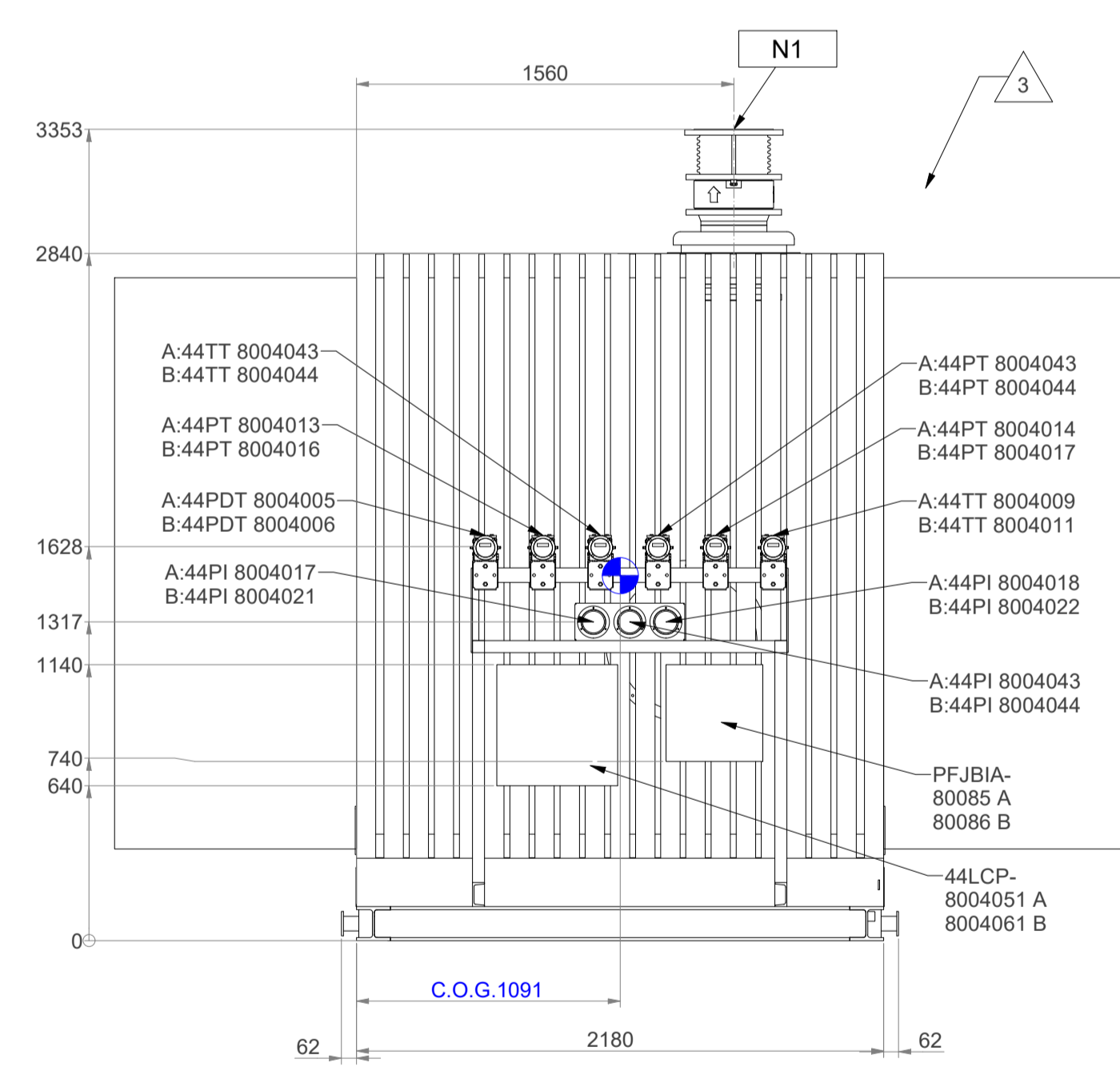
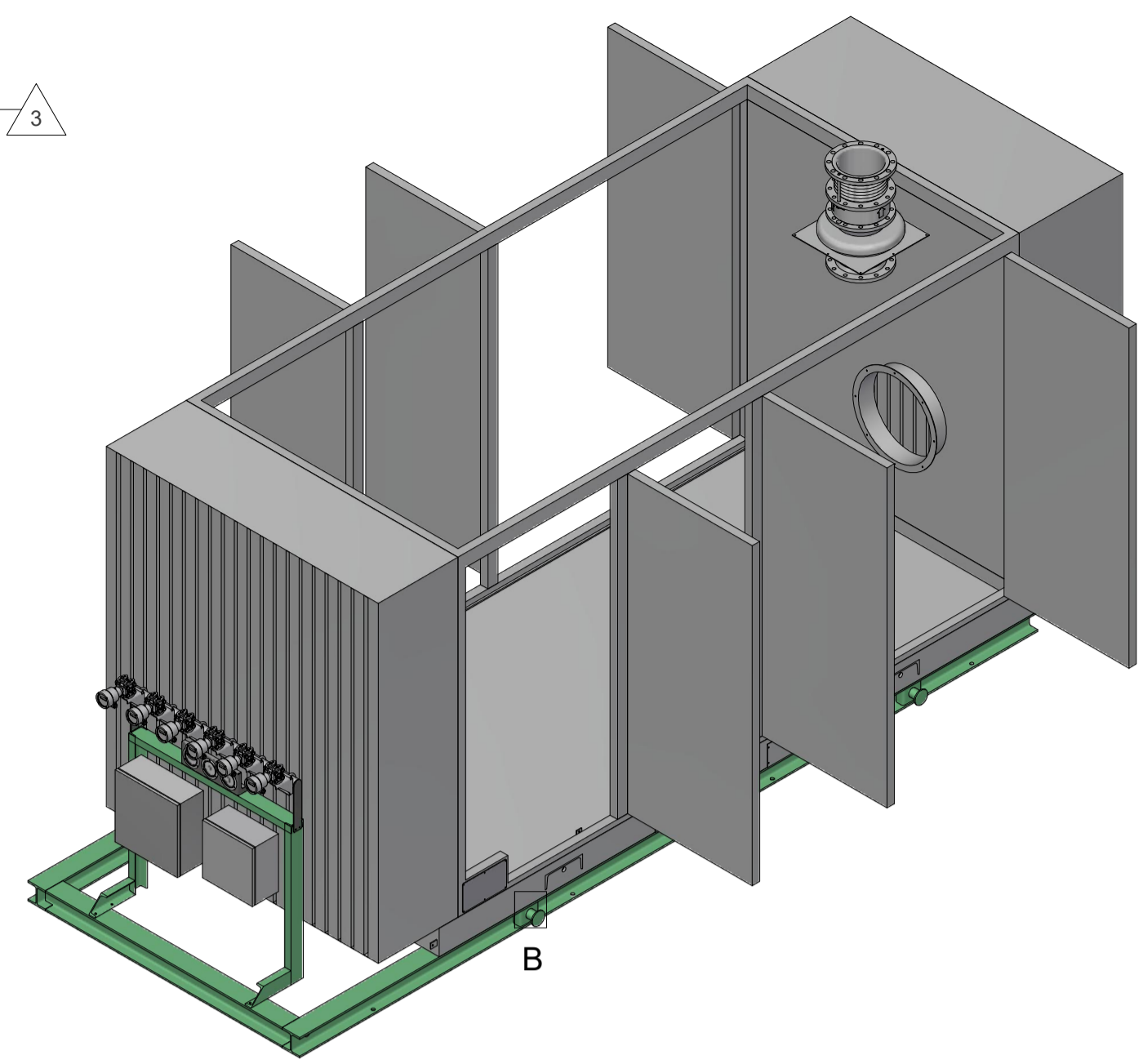
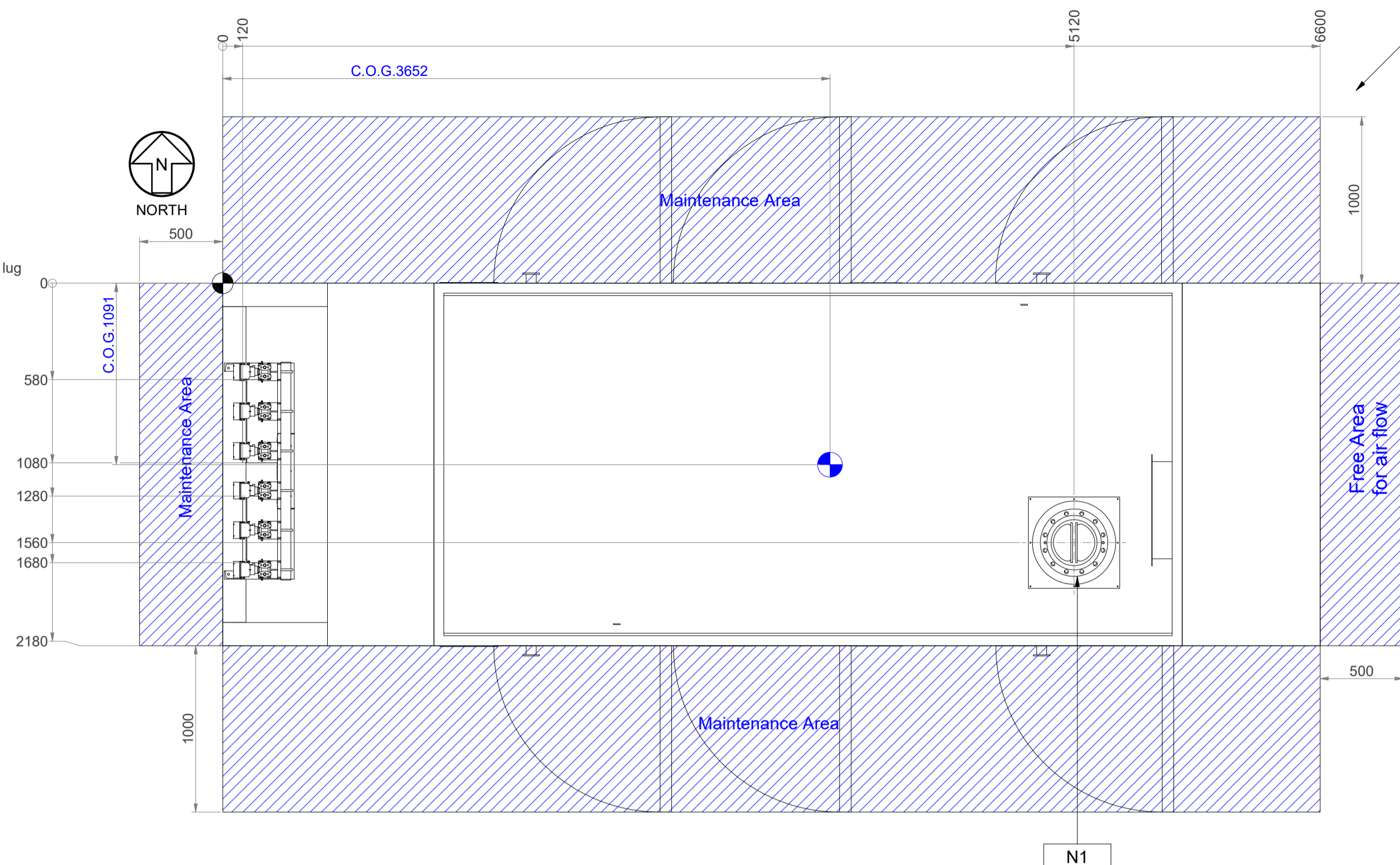
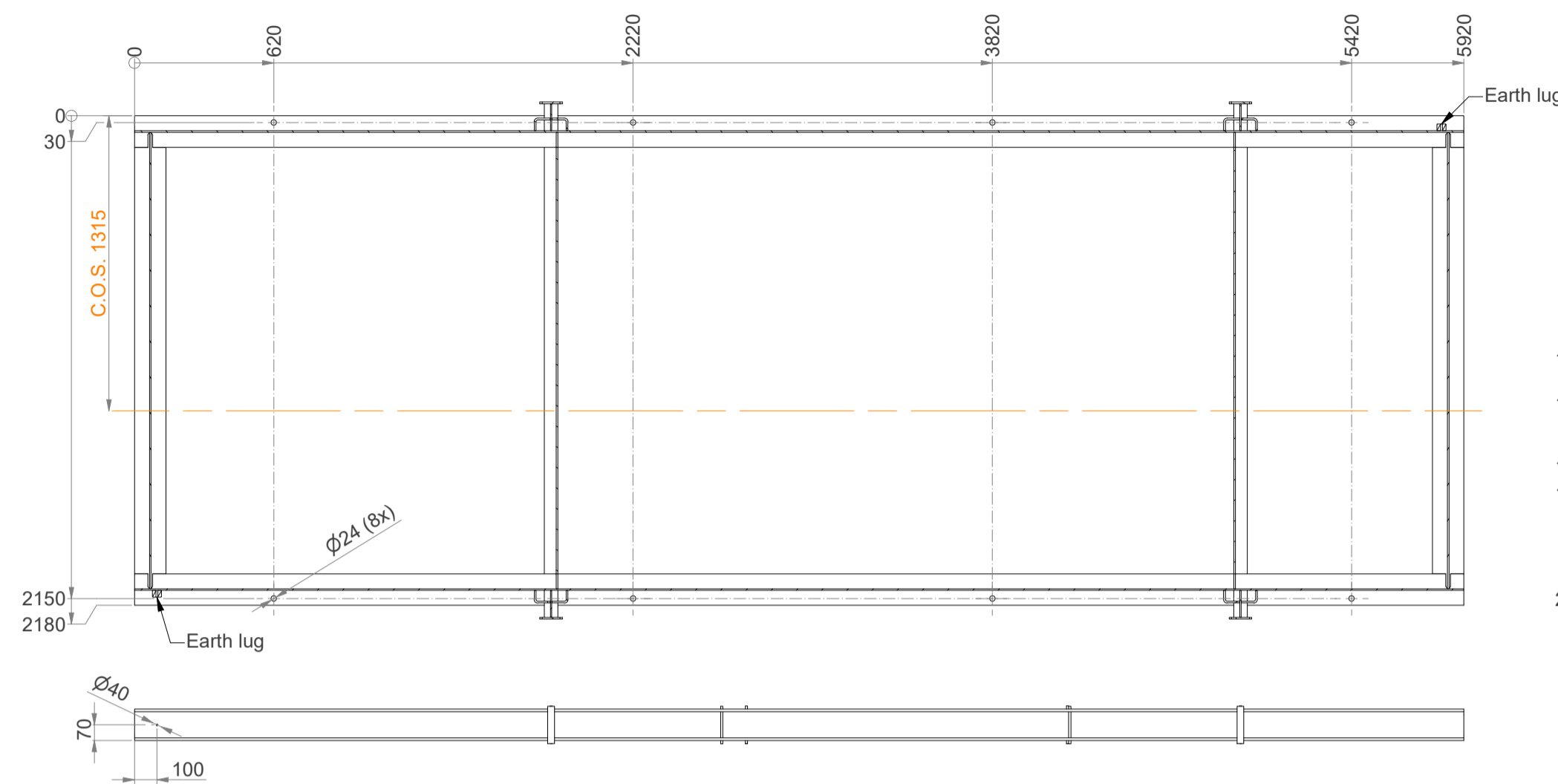
Airpack Document Number : 23383-04D

Document Title : General Arrangement Drawing 44C-80004A/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	13-08-2025	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



Main Data:	
Description	Data
Screw compressor TAG	44C-80004 A/B
Installed Power	479kW, 6000V, 50Hz
Medium	Air
Suction Volume	9467 m3/h
Intake Pressure	0 / 2.2 bar(a)
End Pressure	3,213 bar(a)
Intake Temp.	48 °C
Discharge temperature	205 °C
Design Pressure	-10 to 280 °C
Design Temperature	5 barg
Rotor weight	5298 kg

44C-80004A/B-M1	
Description	Main Motor
Rated Power	560 kW
Speed	2985 rpm
Power Supply	6kV / 50 Hz / 3ph

NOZZLE DATA						
Tie - in Point	Nozzle	Size	Rating	Type	Material	Remarks
Outlet	N1	10"	150#	RF	A/SA105N	acc. to ASME B16.5

NOTES

- 1) Painting according to procedure, 3944-VD-0171-DYP-RE-400-PRC-0128
- 2) 360d material is 3335
- 3) All connections provided by the customer are to be mounted stress - relieved and moment - free!

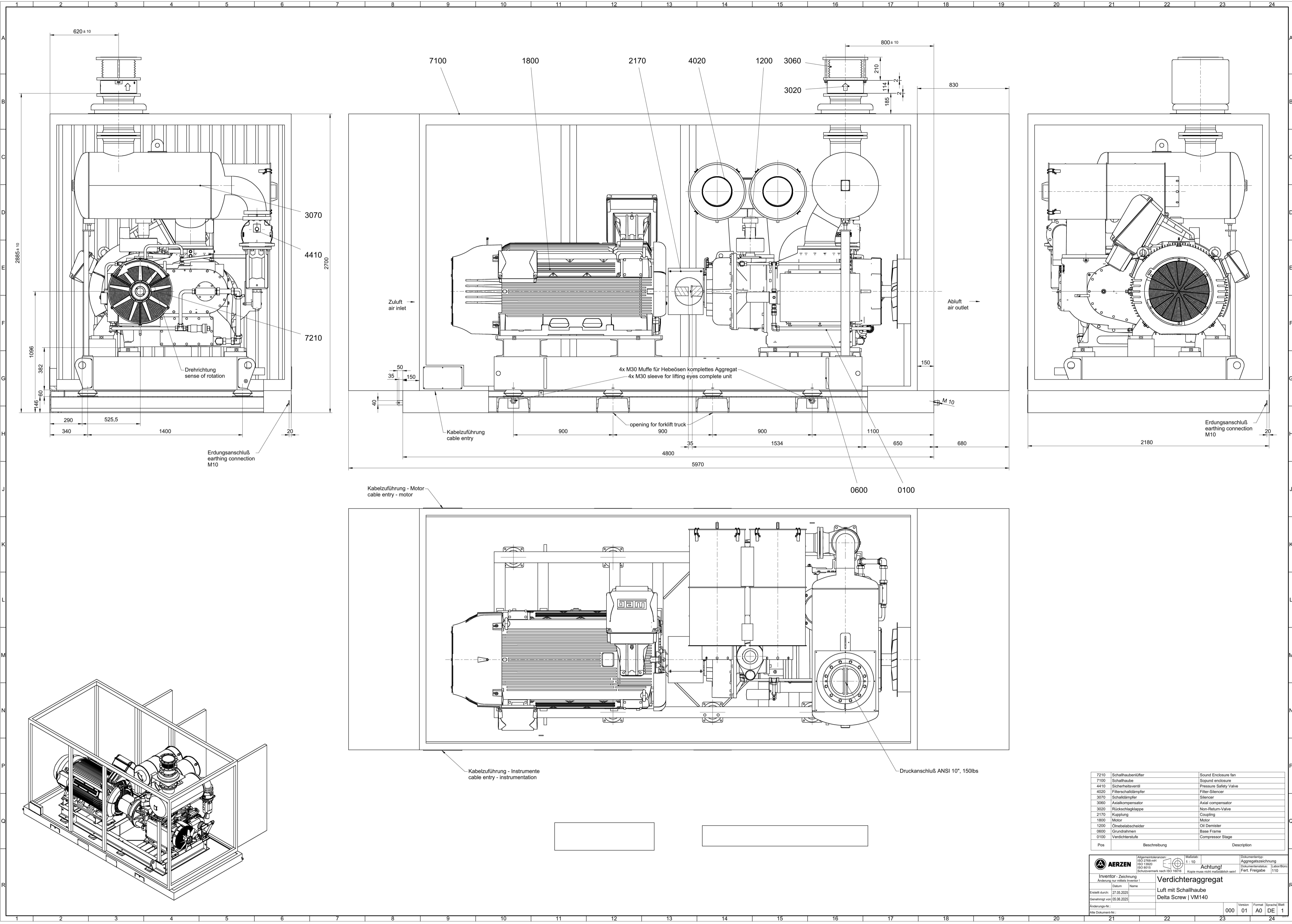
Client Ref: 3944-VD-0171-DYP-RE-400-DWG-0023

Subject: 23383-COM
44C-80004 A/B

Client	ISO-2768-1 (V)	Date	REV	DATE	DRAWN	ACC.
Arya Sasol Polymer Company	ISO-2768-1 (V)	2-10-2025	3	2-10-2025	FVT	FVT
			2	12-9-2025	M.D.	FVT
			1	16-7-2025	M.D.	FVT
			0	7-4-2025	M.D.	FVT

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

Sheet 1 of 2



Pos	Beschreibung	Description
7210	Schalhaubenlüfter	Sound Enclosure fan
7100	Schalhaube	Sound enclosure
4410	Sicherheitsventil	Pressure Safety Valve
4020	Filterschalldämpfer	Filter-Silencer
3070	Schalldämpfer	Silencer
3060	Axialkompressor	Axial compressor
3020	Rückschlagklappe	Non-Return-Valve
2170	Kupplung	Coupling
1800	Motor	Motor
1200	Ölnebelabscheider	Oil Demister
0600	Grundrahmen	Base Frame
0100	Verdichterstufe	Compressor Stage

AERZEN ISO 9001 ISO 14001 ISO 26264

Verdichteraggregat
Luft mit Schalhaube
Delta Screw | VM140

Inventor-Zeichnung
Anleitung zur Arbeit

ISO 15776-1
1:1-10
Achtung! Aggregatzeichnung
Druckverlust
Fert. Freigabe: 1/10

Erstellt am: 27.05.2025
Geprüft am: 05.06.2025

Version: 000
Frage: 01
Standort: A0
DE 1

Subject: **23383-COM**
44C-80004 A/B

Client: Arya Sasol Polymer Company
Client Ref.: 3944-VD-0171-DYP-RE-400-DWG-0023
Client Doc. No.:

Tolerances acc. to: ISO-2768-1 (M)
P&ID REV. No.:

Projection:

This drawing is owned by Airpack and shall not be printed or copied in any other way than with Airpack's PERMISSION

MODIFICATIONS
Date: 2-10-2025
Drawn by: MD
Checked by: FVT
Plant Location: Iran, Onshore
Scale: --
Airpack Ref.: 23383-COM
Drawing No.: 23383-04D GAD

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