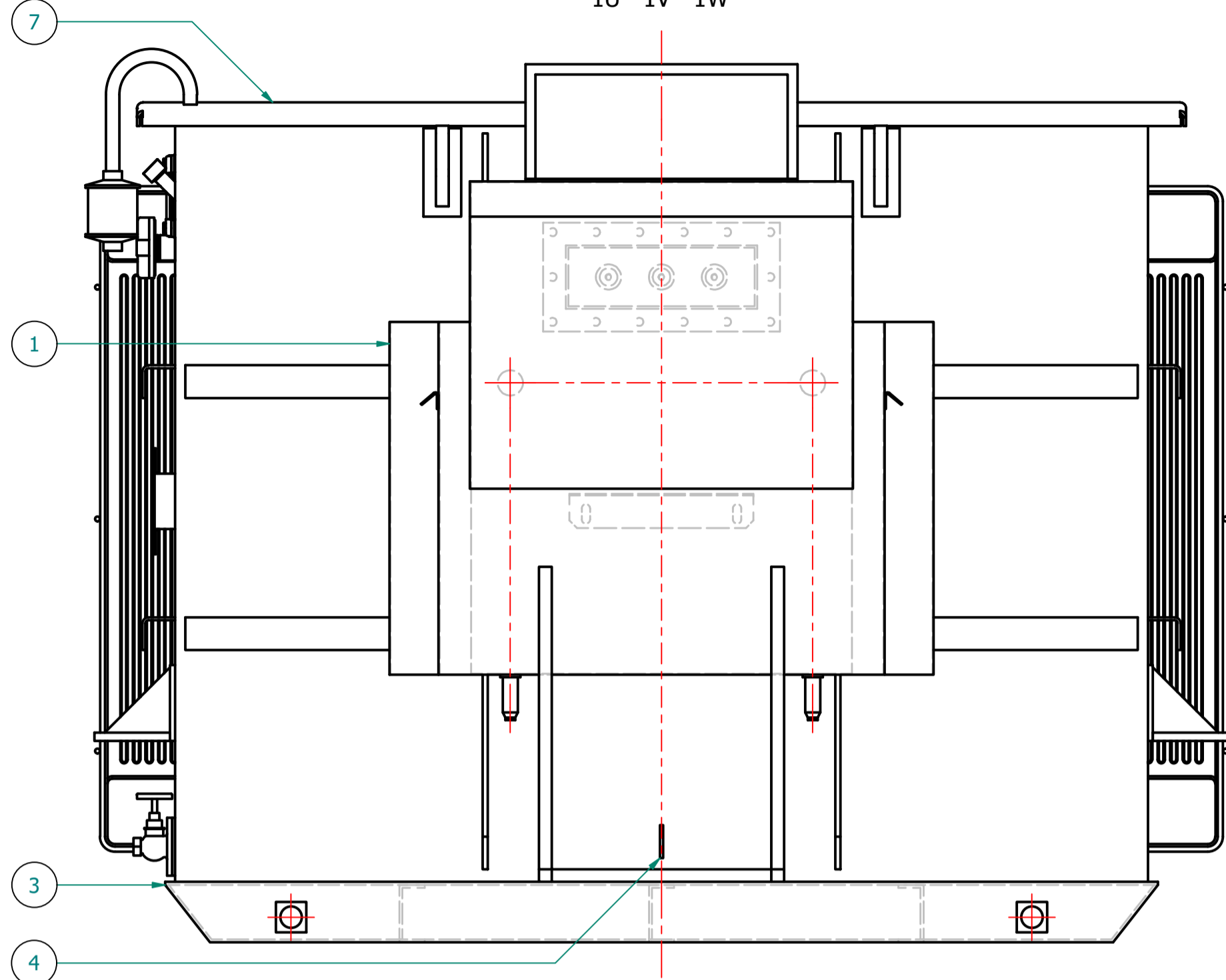
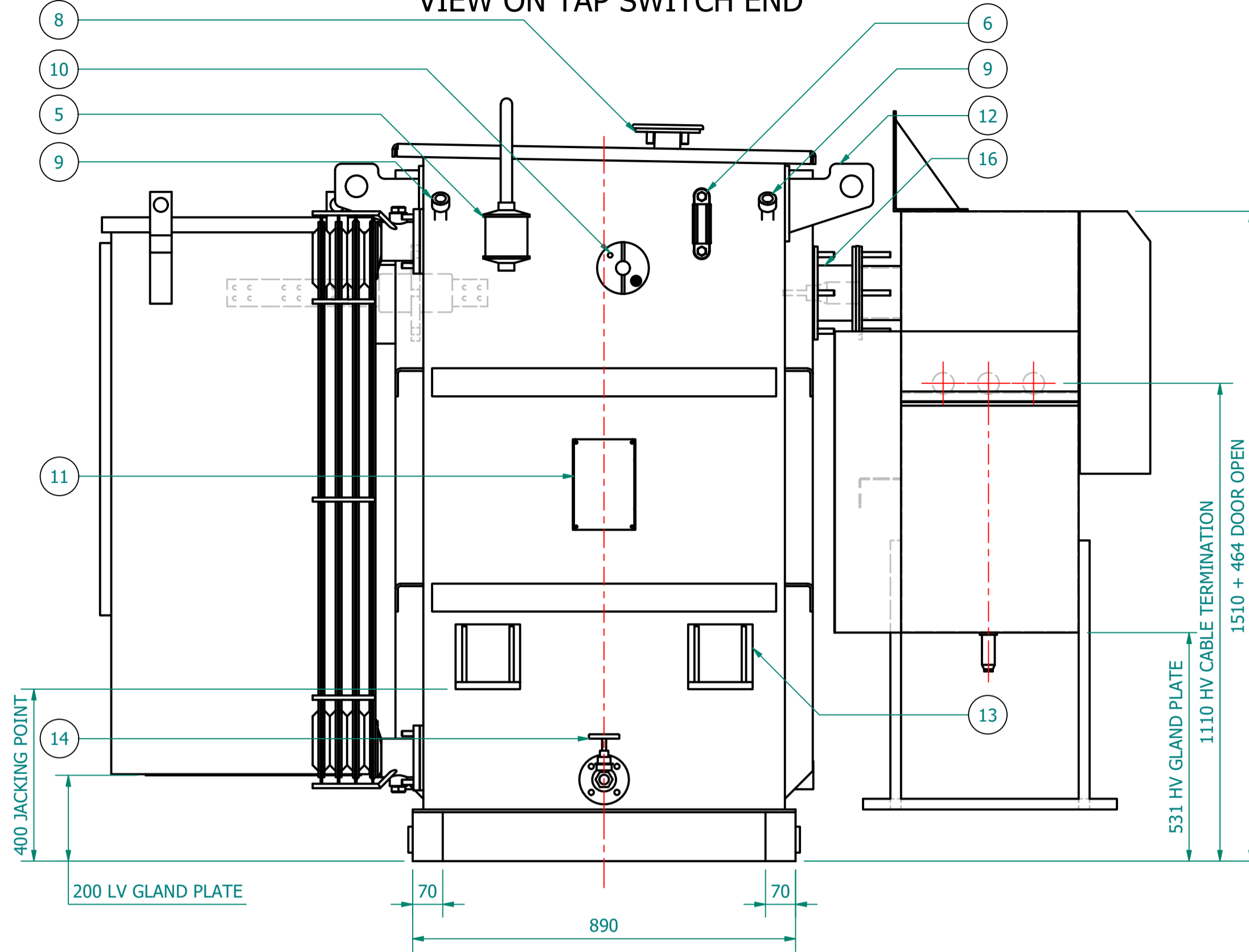


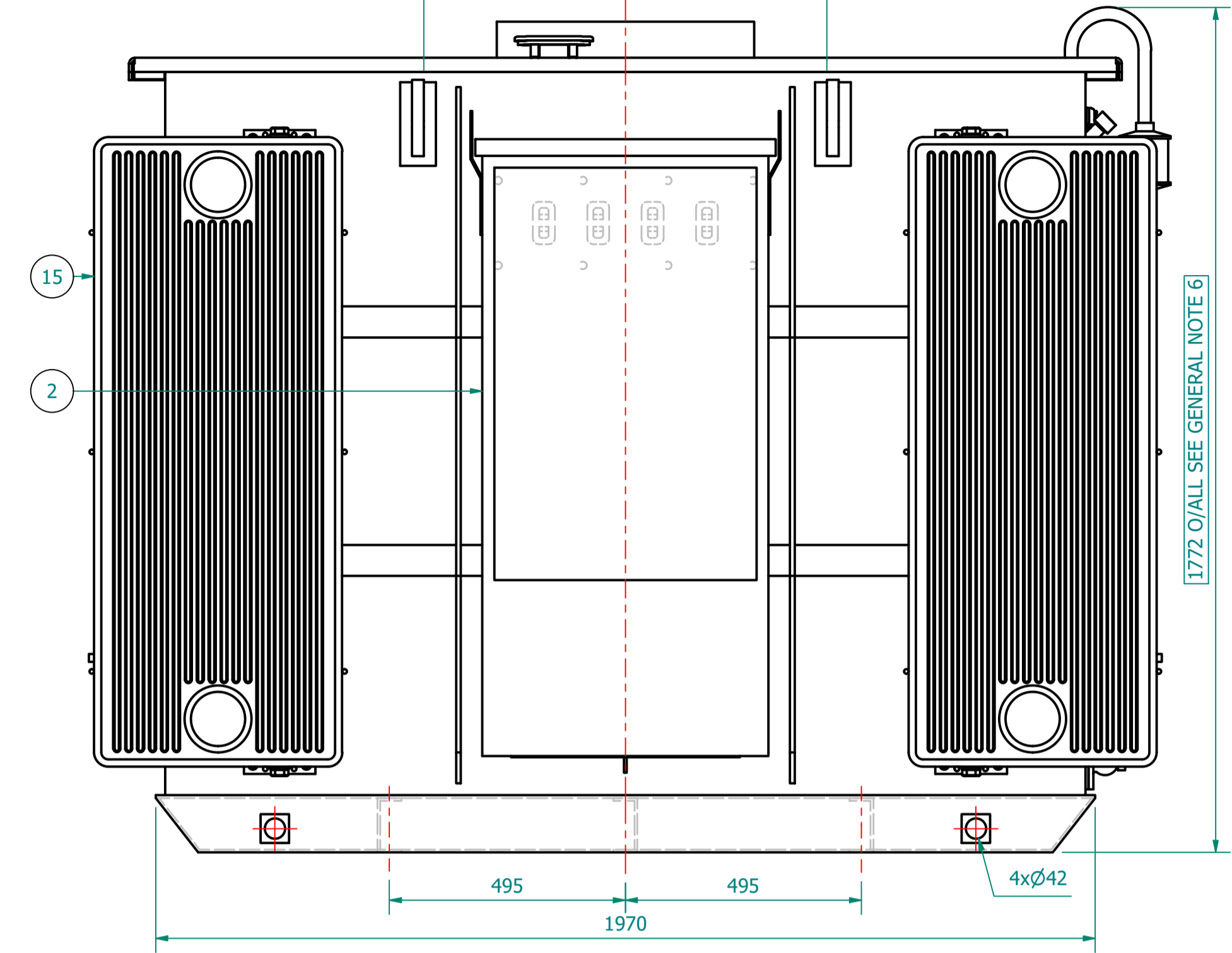
VIEW ON HV SIDE  
PHASE ROTATION  
1U 1V 1W



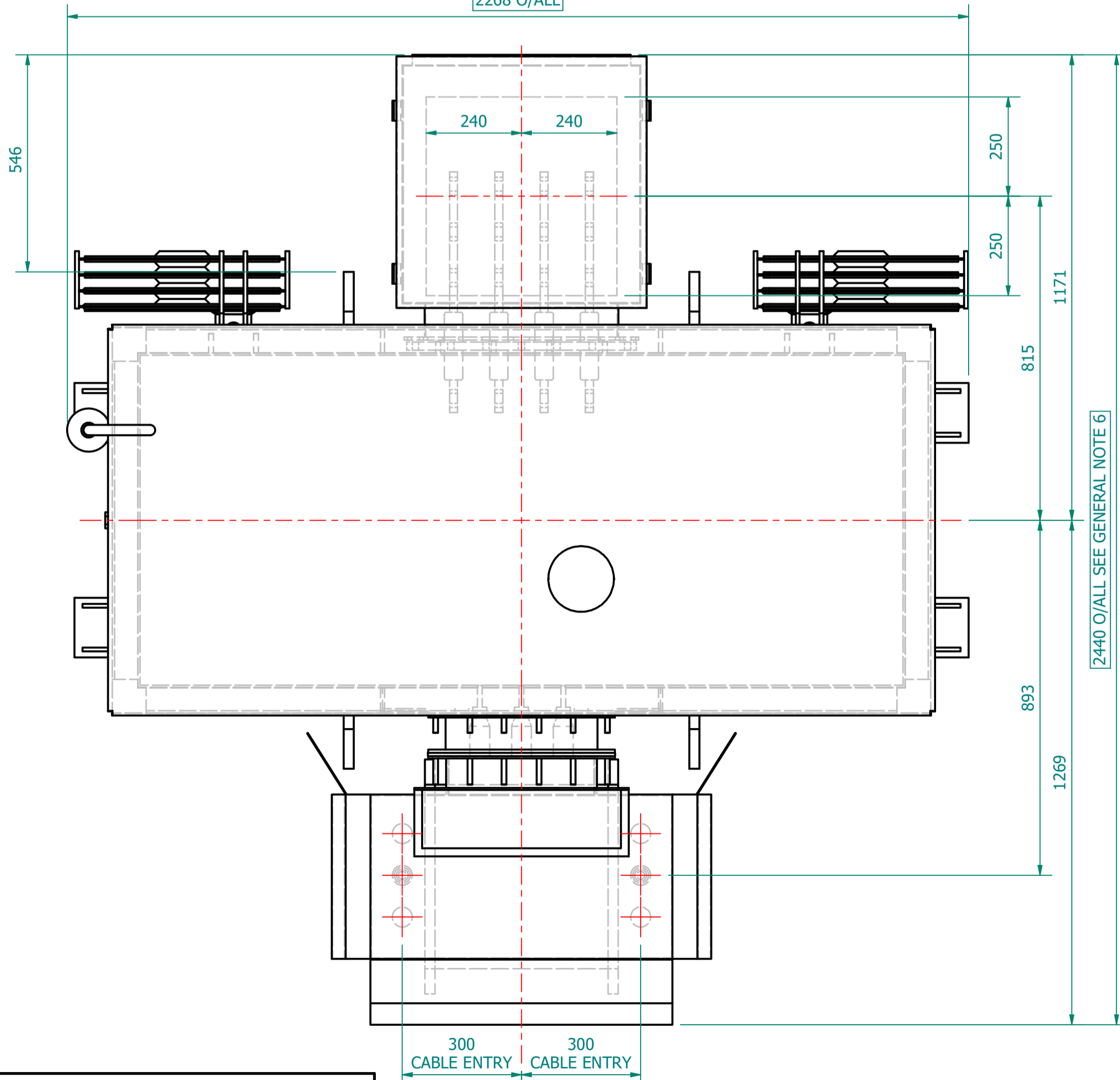
VIEW ON TAP SWITCH END



VIEW ON LV SIDE  
PHASE ROTATION  
2W 2V 2U 2N  
845 TYP. TO 2 PLACES



PLAN VIEW  
2268 O/ALL



GENERIC LV CABINET SHOWN.  
SIZES MAY CHANGE.  
FINAL DESIGN MAY REQUIRE SEPARATION  
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3700
TANK AND FITTING	kg	1050
COOLING LIQUID VOLUME	L	1450
COOLING LIQUID WEIGHT	kg	1180
TOTAL TX WEIGHT	kg	5930
ADDITIONS TO THE TRANSFORMER WEIGHT		
RN2d RMU	Kg	385
LV CABINET	kg	----

1500kVA ELECTRICAL RATINGS					
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
				HV Side	LV Side
11000 / 415V	+7.5 to -5.0% IN 2.5% INCREMENTS	Dyn11	50Hz	78.729A	2086.808A
Design Impedance at Normal Tap	No Load Losses at rated Voltage & Frequency	Full Load Losses at rated Current & at 75°C Temp.	Temp. Rise above Ambient 40°C		
			in Oil by Therm.	in Wdg. by Res.	
5.50%	625W	8630W	60°C	65°C	

- GENERAL NOTES
- ALL DIMENSIONS ARE IN 'mm'.
  - ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.
  - ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).
  - TOLERANCE ON IMPEDANCE PER IEC:60076.
  - PAINT SHADE.: 632 As PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4H SPEC.
  - O/ALL DIMS ARE SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.
  - 
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  -

ITEM	QTY	DESCRIPTION
16	1	HV THROAT
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 45 x 40P)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	4	TRANSFORMER LIFTING LUGS
11	1	RATING & DIAGRAM PLATE (SS)
10	1	OFF-CIRCUIT TAP SWITCH (6-Position & Padlockable)
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	OIL FILLING PIPE WITH FLANGED COVER
7	1	TOP COVER with LIFTING LUGS (x2)
6	1	OIL LEVEL GAUGE (with 15°) COLD OIL LEVEL MARK
5	1	SILICA GEL BREATHER TYPE R
4	2	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES & BRACING
2	1	LV CABINET, BOTTOM ENTRY, GENERIC MODEL - SUBJECT TO CHANGE (FACING-'F', BS:2562)
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-T1/21] TLF PROTECTION, (FACING-'E' BS:2562)

- ESSENTIAL LABELS
- ITEM 10: TAP CHANGER WARNING LABEL
  - ITEM 6: C.O.L. 15°C COLD COOLANT LEVEL
  - ITEM 2: LV WARNING LABEL
  - ITEM 1: HV WARNING LABEL

IF IN DOUBT - ASK. REMOVE ALL SHARP EDGES. DO NOT SCALE. DRAWING NOT TO SCALE.

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION	REV	PROJECT	DRAWING TITLE
ORIGINAL	00	CUSTOMER	GENERAL ARRANGEMENT DRAWING FOR 1500kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, ONAN AL WOUND DISTRIBUTION TRANSFORMER RN2d RMU & LV CABINET

PROJECT	DRAWN BY:
	J. NOVO

DATE:	DRAWING NO.:
01/07/2024	WPS-E4-1500-AL-A003

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**WILSON POWER SOLUTIONS**

WPS-E4-1500-AL-A003 SHEET 1 OF 1