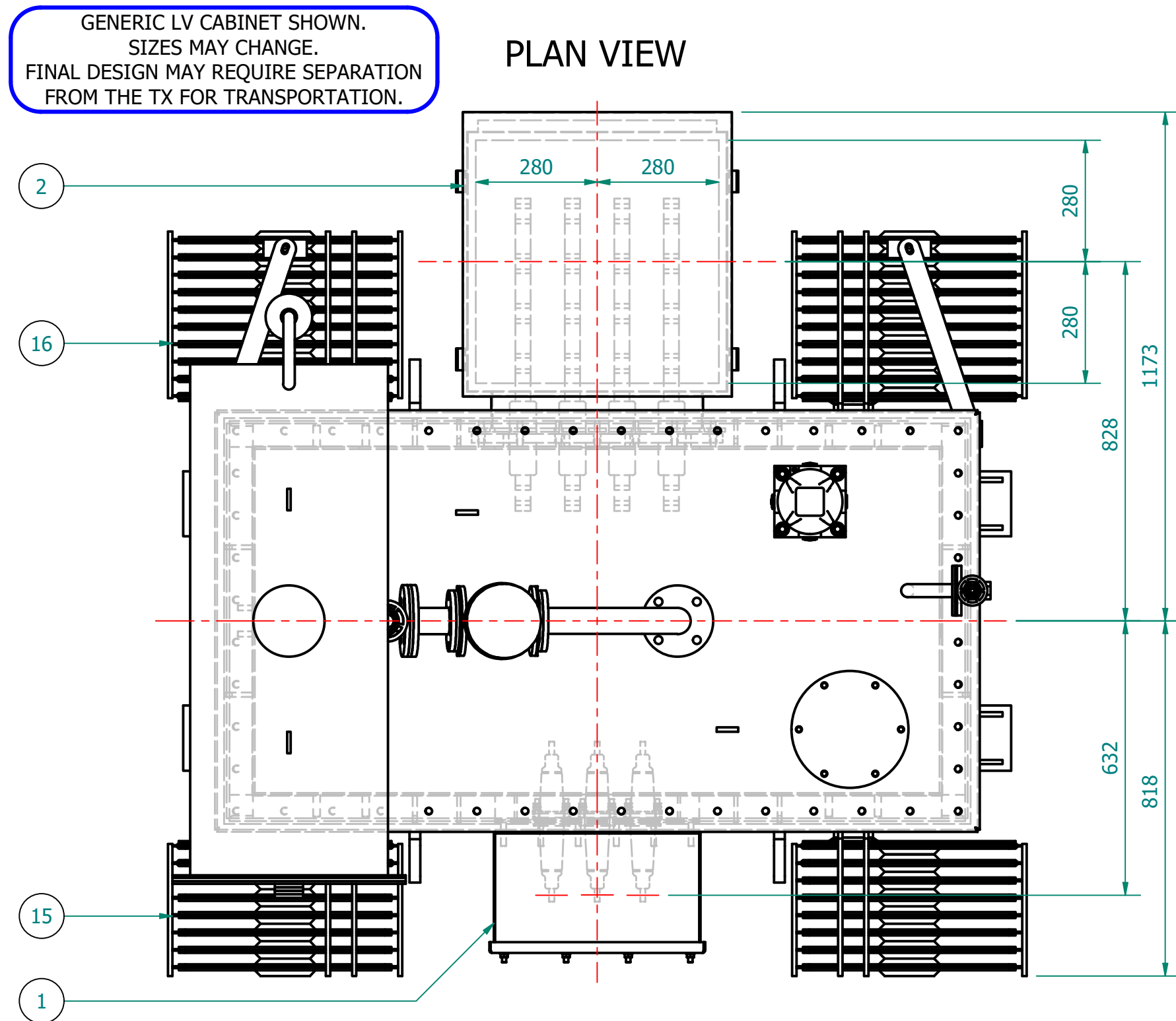
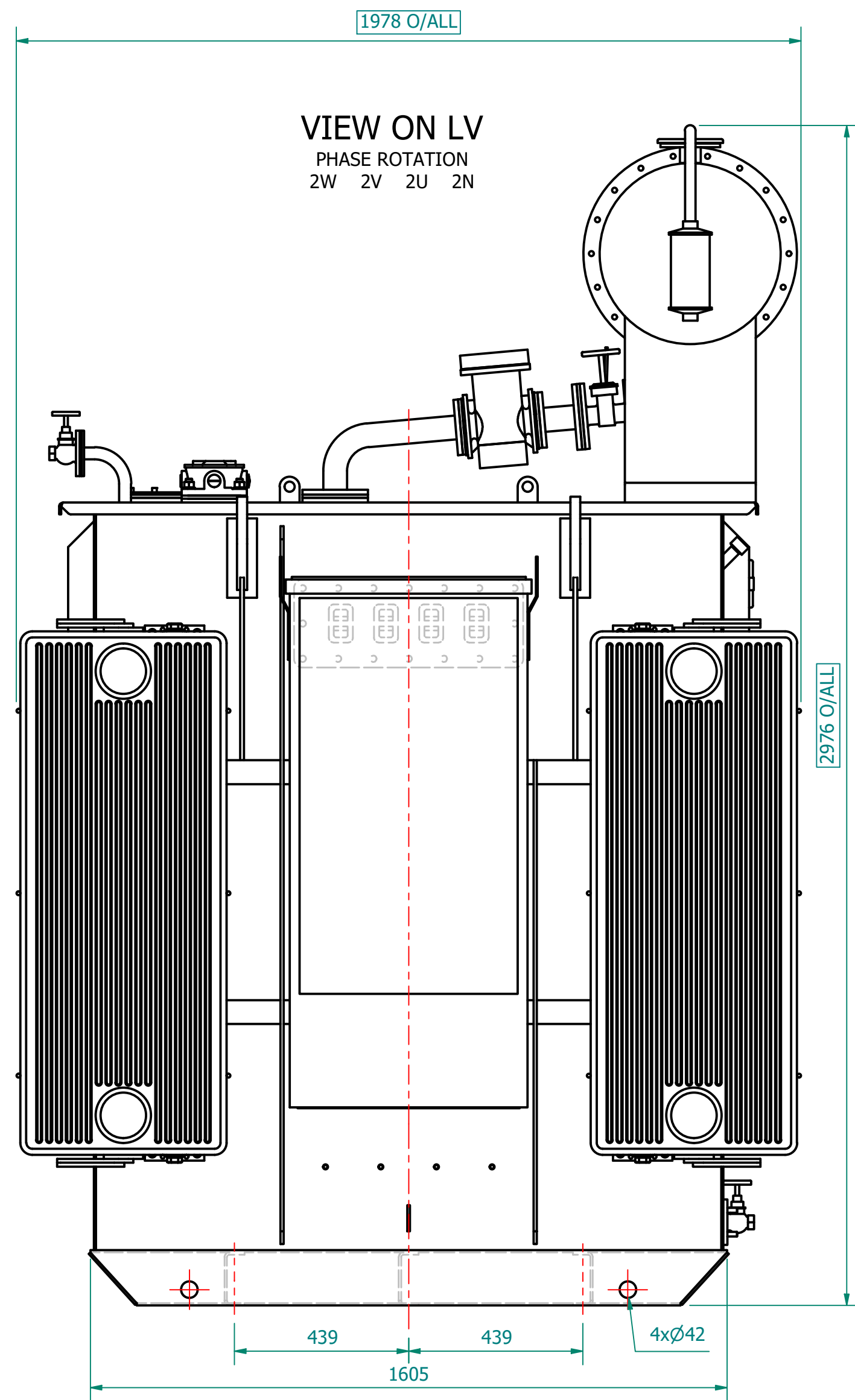
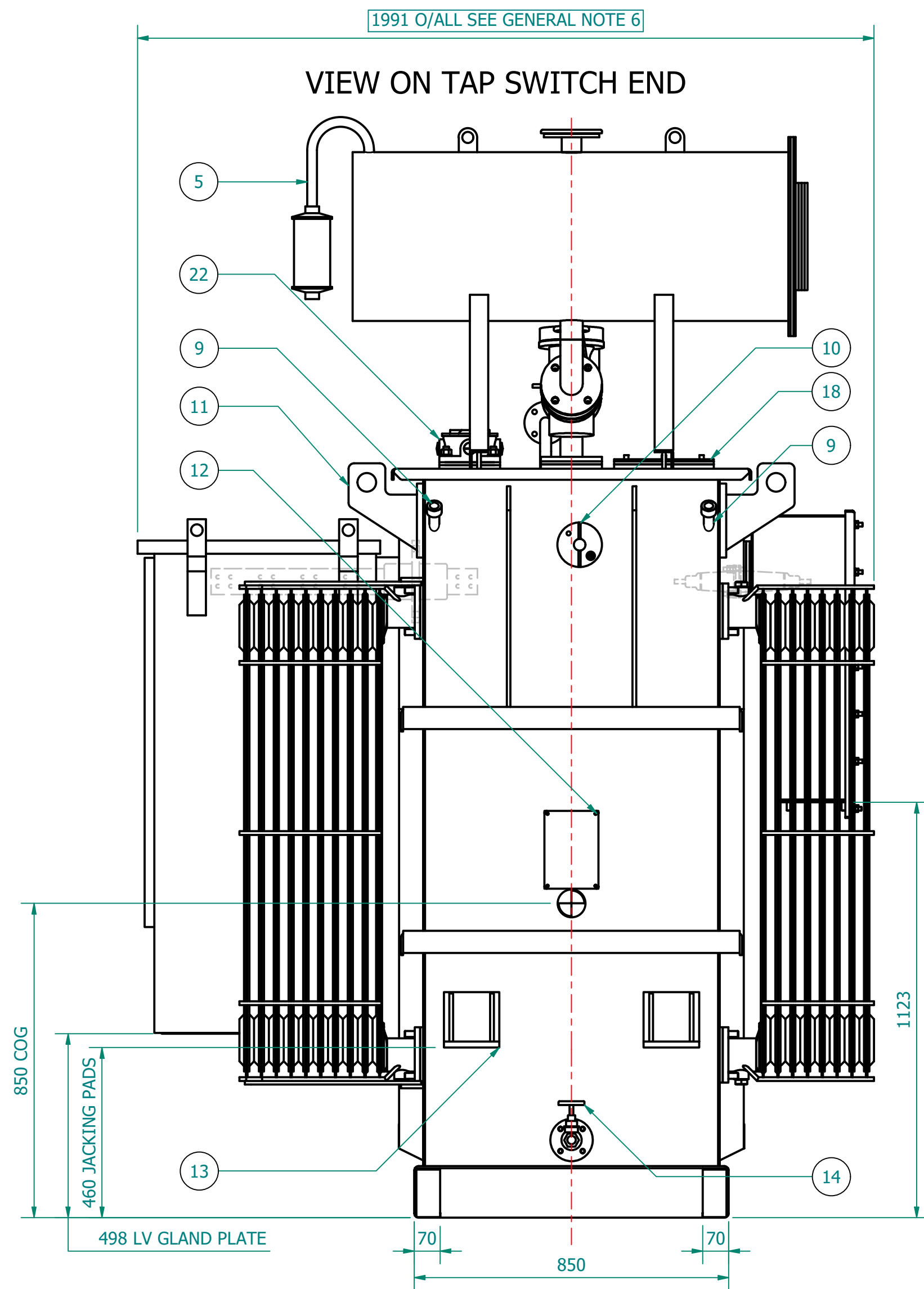
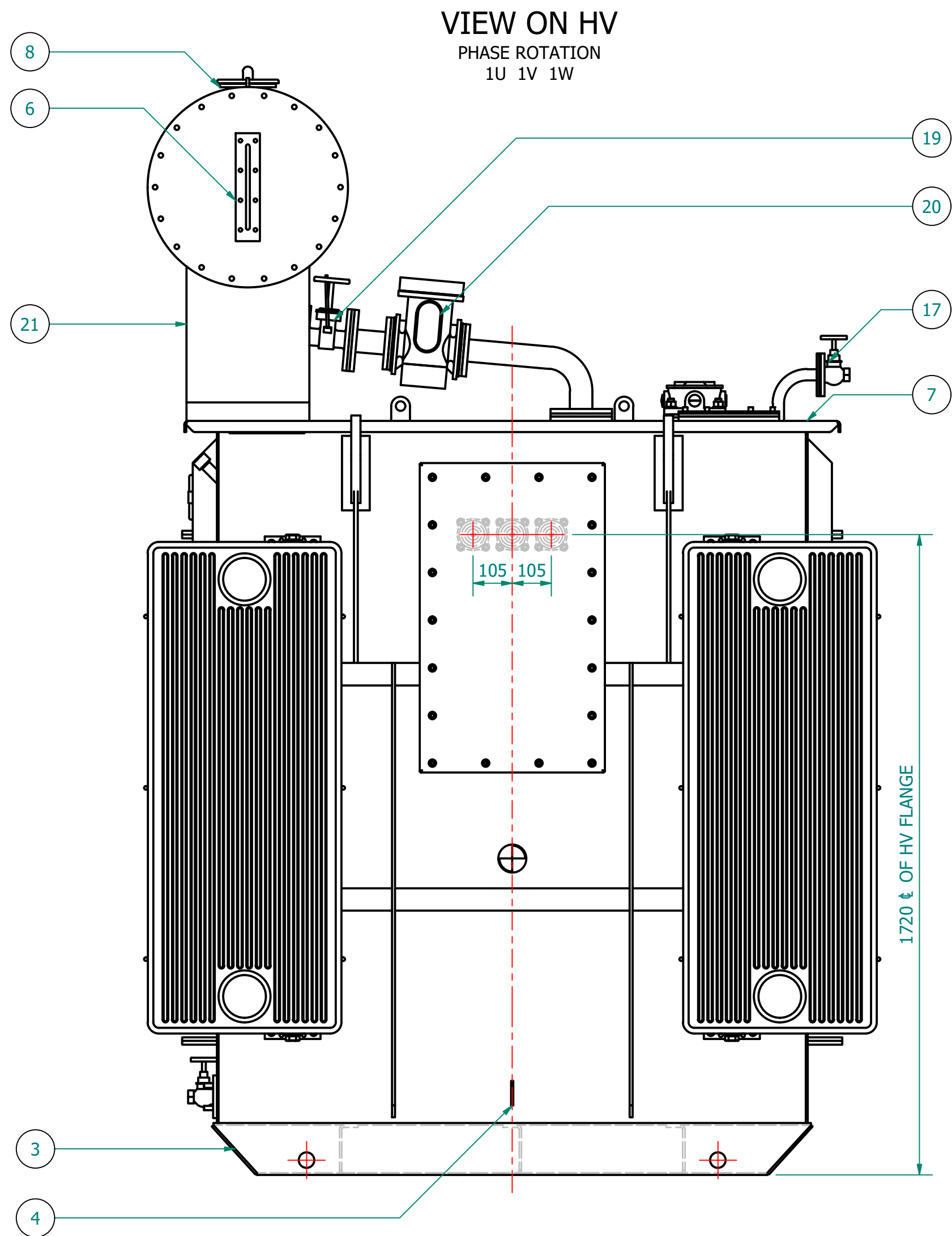
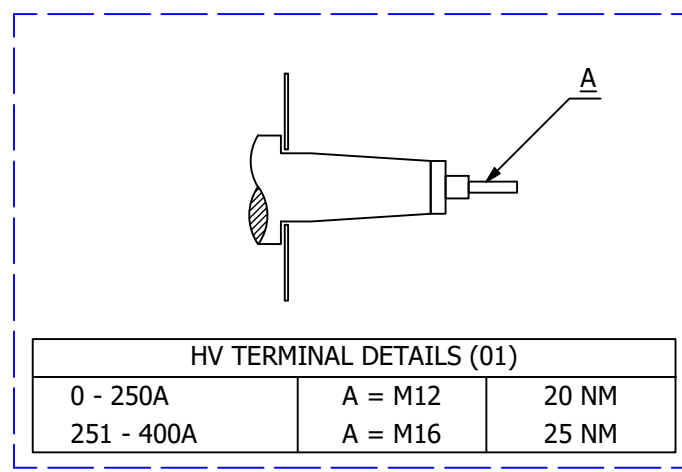
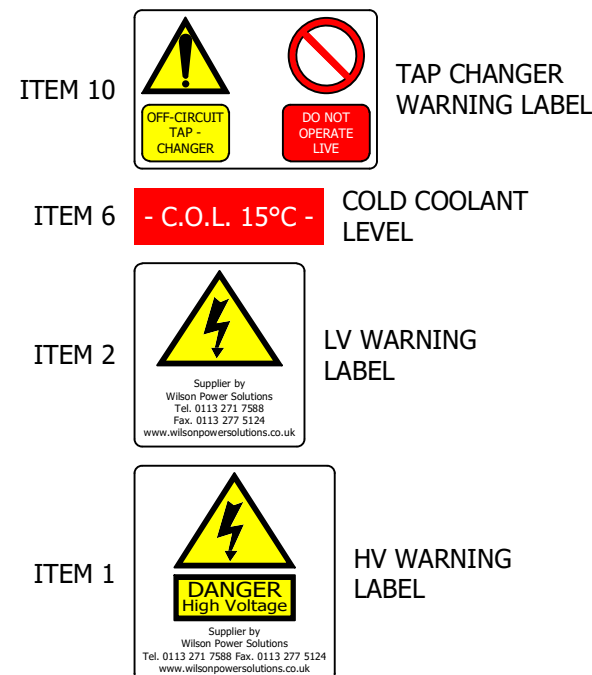




ESSENTIAL LABELS



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3520
TANK AND FITTING	kg	1690
COOLING LIQUID VOLUME	L	1800
COOLING LIQUID WEIGHT	kg	1465
TOTAL TX WEIGHT	kg	6675
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	Kg	-

2500kVA 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 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	131.216A	3333.431A
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.
6.0%	1575W	18500W	60°C	65°C	

GENERAL NOTES					
1	ALL DIMENSIONS ARE IN 'mm'.				
2	ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.				
3	ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).				
4	TOLERANCE ON IMPEDANCE PER IEC:60076.				
5	PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4H SPEC.				
6	O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.				
7					
8					
9					

22	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
21	1	DETACHABLE CONSERVATOR WITH OIL LEVEL INDICATOR
20	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
19	1	SHUT OFF VALVE FOR CONSERVATOR
18	1	PROVISION FOR PRESSURE RELIEF DEVICE
17	1	OIL FILLING VALVE WITH ONE SIDE FLANGED & PLUG
16	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 10S x 40P)
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 8S x 40P)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (5-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	ENVIRO GEL BREATHER TYPE R1
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 - SUBJECT TO CHANGE, (FACING-'F', BS:2562)
1	1	HV CABLE BOX - 12KV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'E' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq
ITEM	QTY	DESCRIPTION

WILSON POWER SOLUTIONS

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WPS-T2-2500-AL-A003

LAST DEFINITION				
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION		REV	PROJECT
ORIGINAL		00	CUSTOMER
			S.O. NUMBER
			P.O. NUMBER
			W.O. NUMBER

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 2500kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET	

DRAWN BY:	M. STOTSJUK	DATE:	22/08/2021	DRG NO:	WPS-T2-2500-AL-A003
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