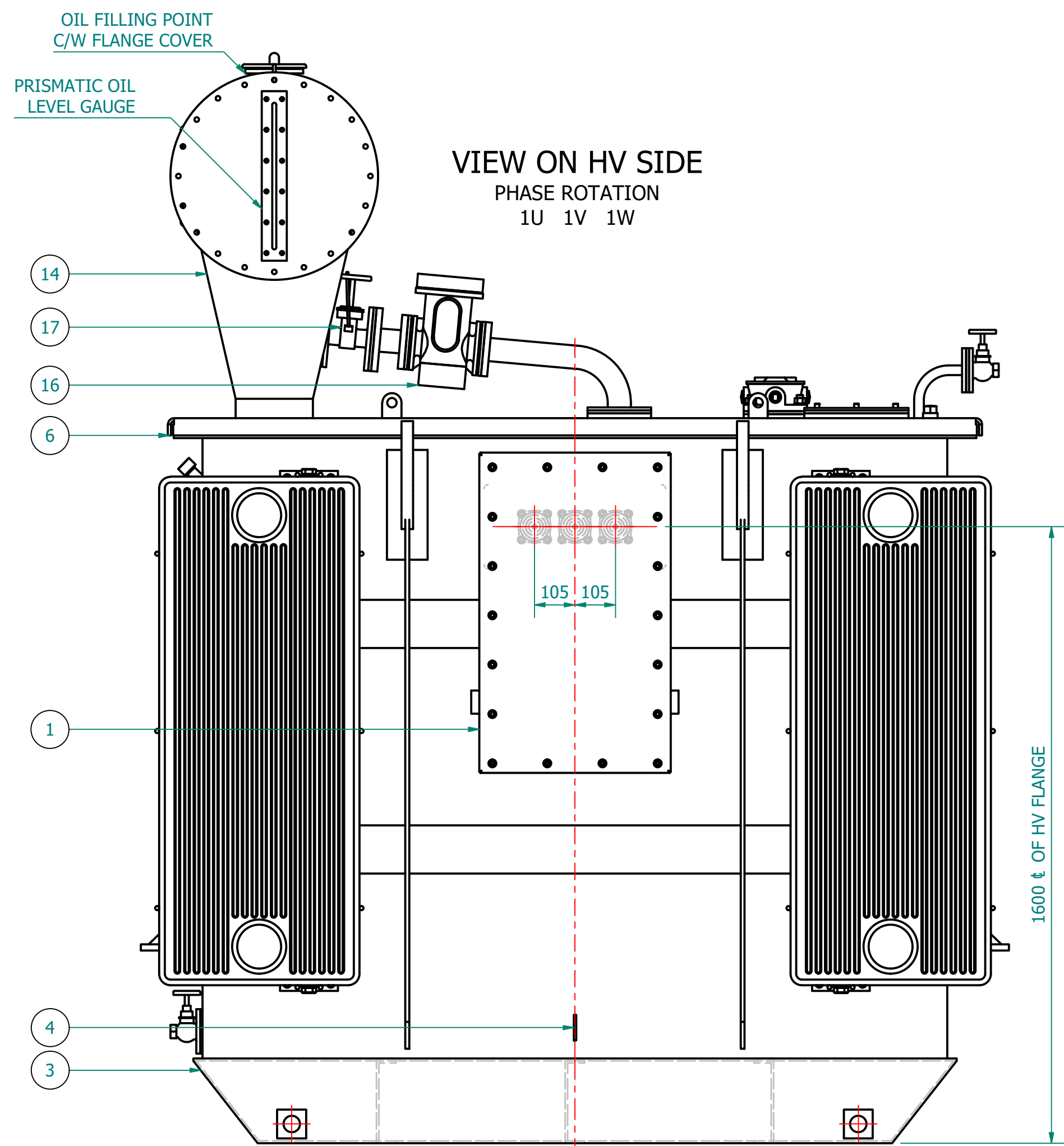
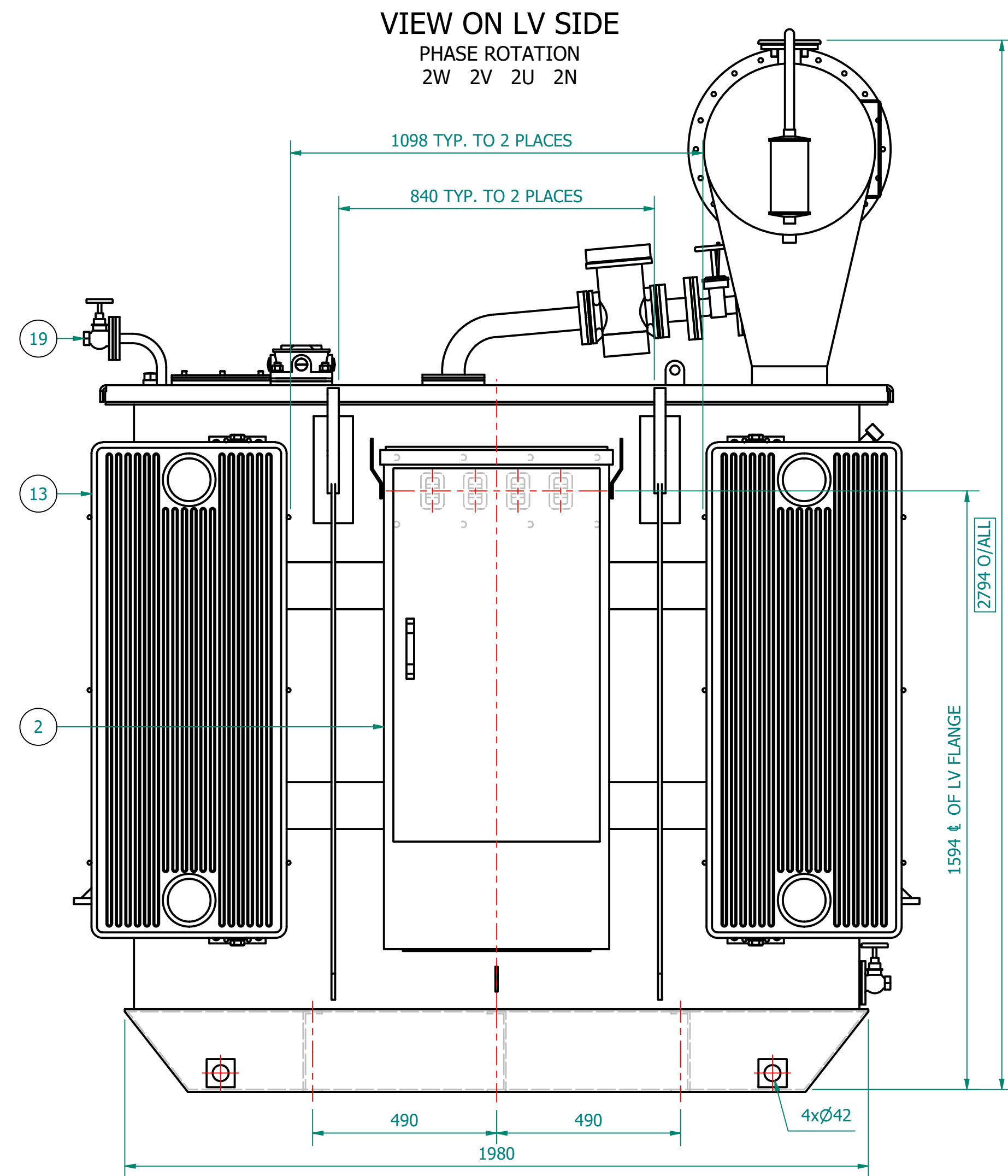
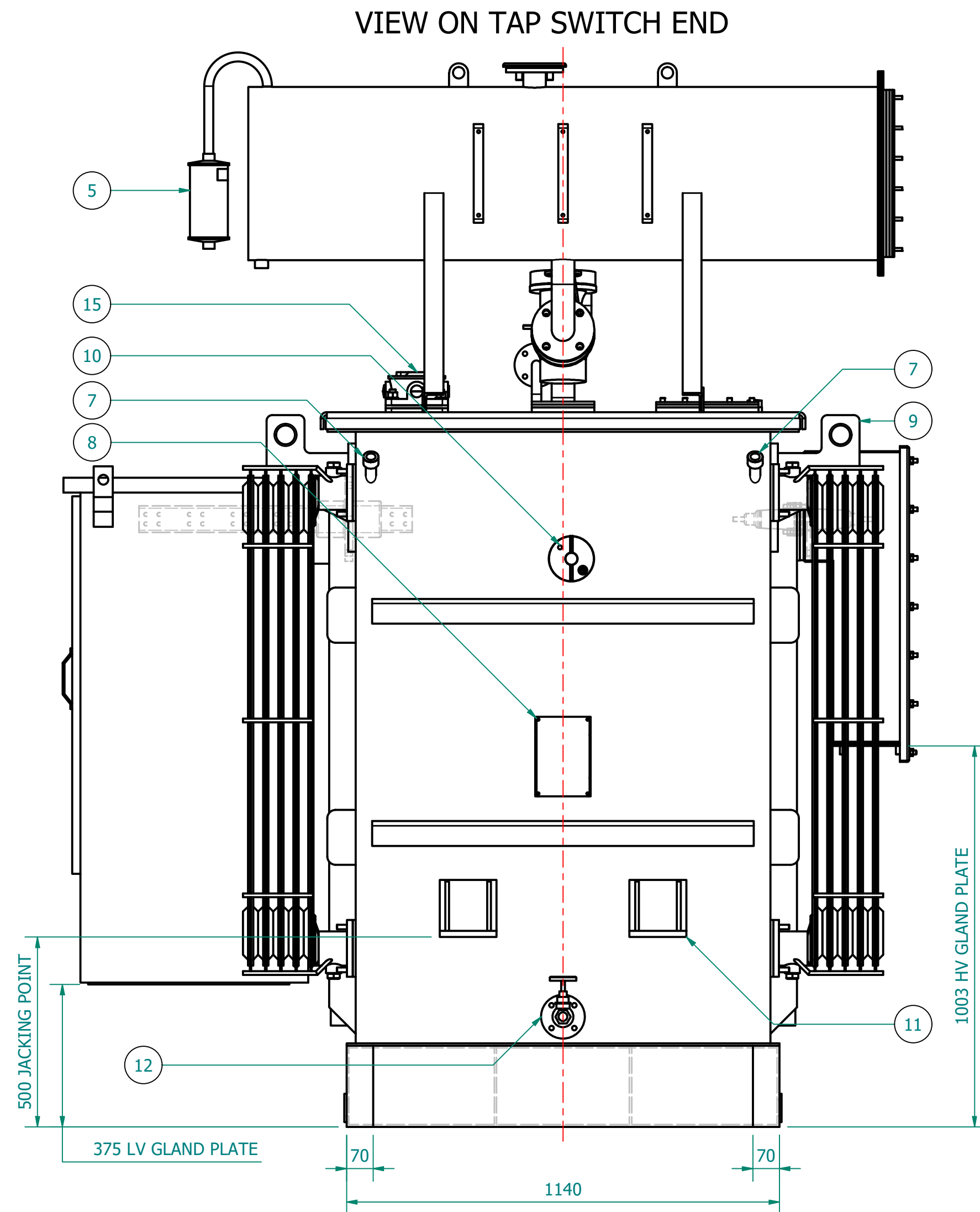
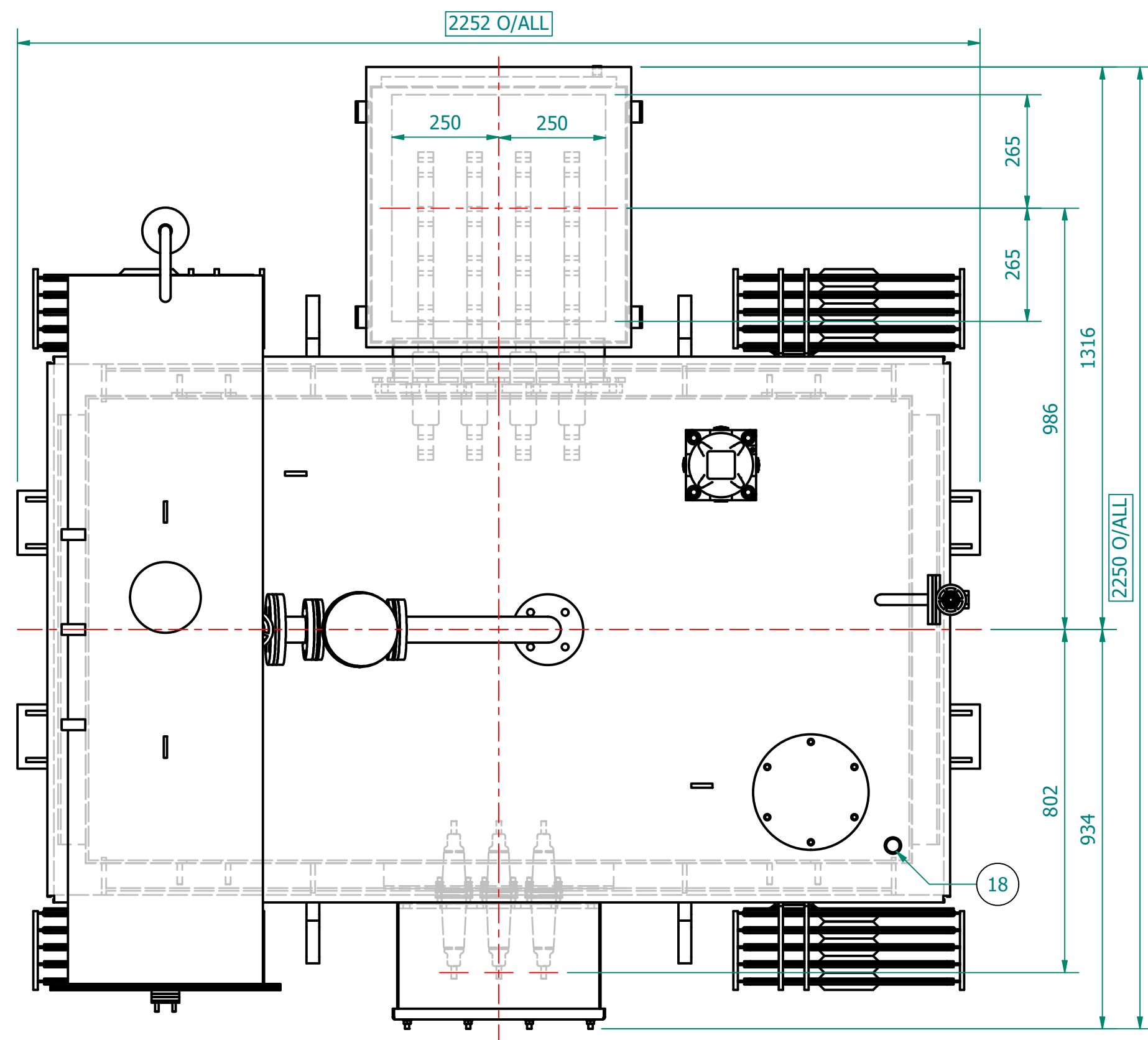




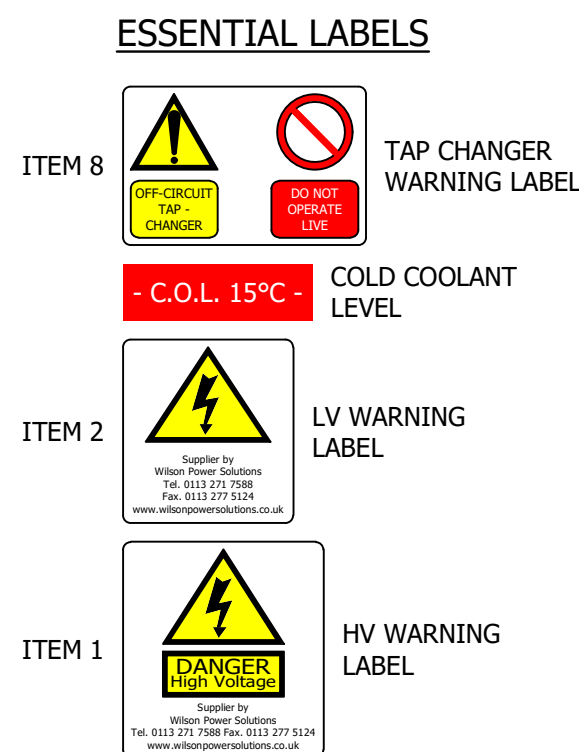
PLAN VIEW



GENERIC LV CABINET SHOWN.
DIMENSIONS WILL CHANGE.
FINAL DESIGN MAY REQUIRE
SUPPORT FRAME.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	5400
TANK AND FITTING	kg	1665
COOLING LIQUID VOLUME	L	2380
COOLING LIQUID WEIGHT	kg	2309
TOTAL TX WEIGHT	kg	9374
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV UNIT	Kg	--



HV TERMINAL DETAILS (01)			
0 - 250A	A = M12	20 NM	
251 - 400A	A = M16	25 NM	

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 / 415V	+7.5 to -5.0% IN 2.5% INCREMENTS	Dyn11	50Hz	131.22A	3478.01A
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%	1000W	15000W	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					
7					
8					
9					

ITEM	QTY	DESCRIPTION
19	1	FILTER VALVE (25NB) with MALE PLUG
18	1	AIR RELEASE PLUG
17	1	SHUT OFF VALVE FOR CONSERVATOR
16	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
15	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
14	1	DETACHABLE OIL CONSERVATOR W/ PRISMATIC OIL LEVEL GAUGE, OIL FILLING POINT W/ FLANGED COVER & 2 LIFTING LUGS
13	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 5S x 40P)
12	1	DRAIN VALVE (25NB) with MALE PLUG
11	4	JACKING PADS
10	1	OFF-CIRCUIT TAP SWITCH (6-Position & Padlockable)
9	4	TRANSFORMER LIFTING LUGS
8	1	RATING & DIAGRAM PLATE (5S)
7	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
6	1	TOP COVER with LIFTING LUGS (x2)
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, ACB, (FACING-'F', BS:2562), PART N° TBC
1	1	HV CABLE BOX - 12KV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'E' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq

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

REVISION HISTORY				REVISION DESCRIPTION				PROJECT				DRAWING TITLE				DRAWN BY:			
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION	REV	DATE	00	CUSTOMER				GENERAL ARRANGEMENT DRAWING FOR				SATHWIK			
						24-MAR-2026		S.O. NUMBER				2500kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS				DATE:			
								P.O. NUMBER				11000/415V, 50Hz, Dyn11, KNAN				24-03-2026			
								W.O. NUMBER				AL WOUND DISTRIBUTION TRANSFORMER				DRAWING NO.:			
												LV CABINET							
												WILSON POWER SOLUTIONS				Wilson Power Solutions Ltd.			
												web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk				Westland Square, Leeds, West Yorkshire LS11 5SS, United Kingdom			
												WPS-E4-2500-AL-A001-KNAN				Tel: +44 (0) 113 271 7588 Fax: +44 (0) 113 277 5124			
												SHEET 1 OF 1							