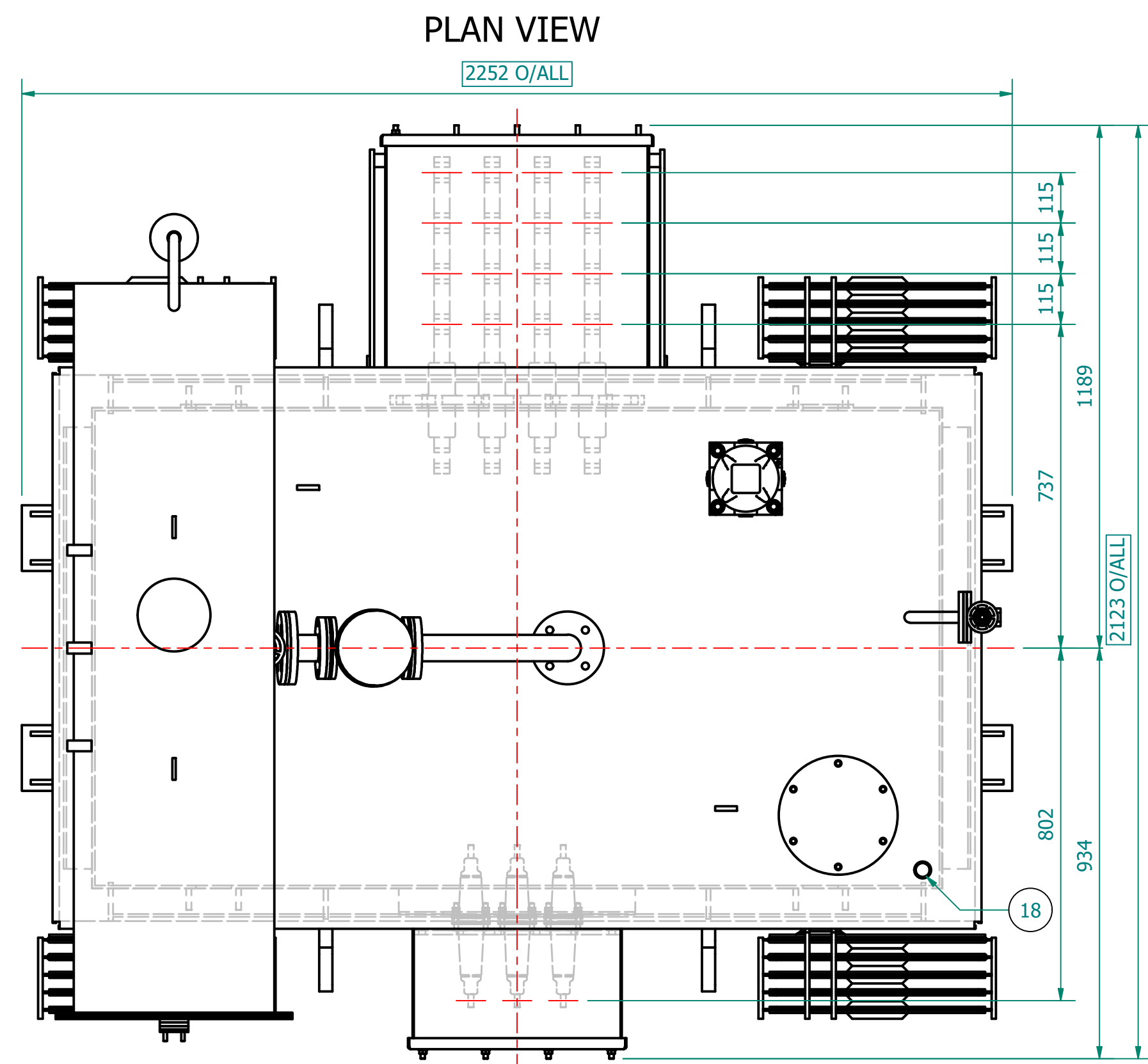
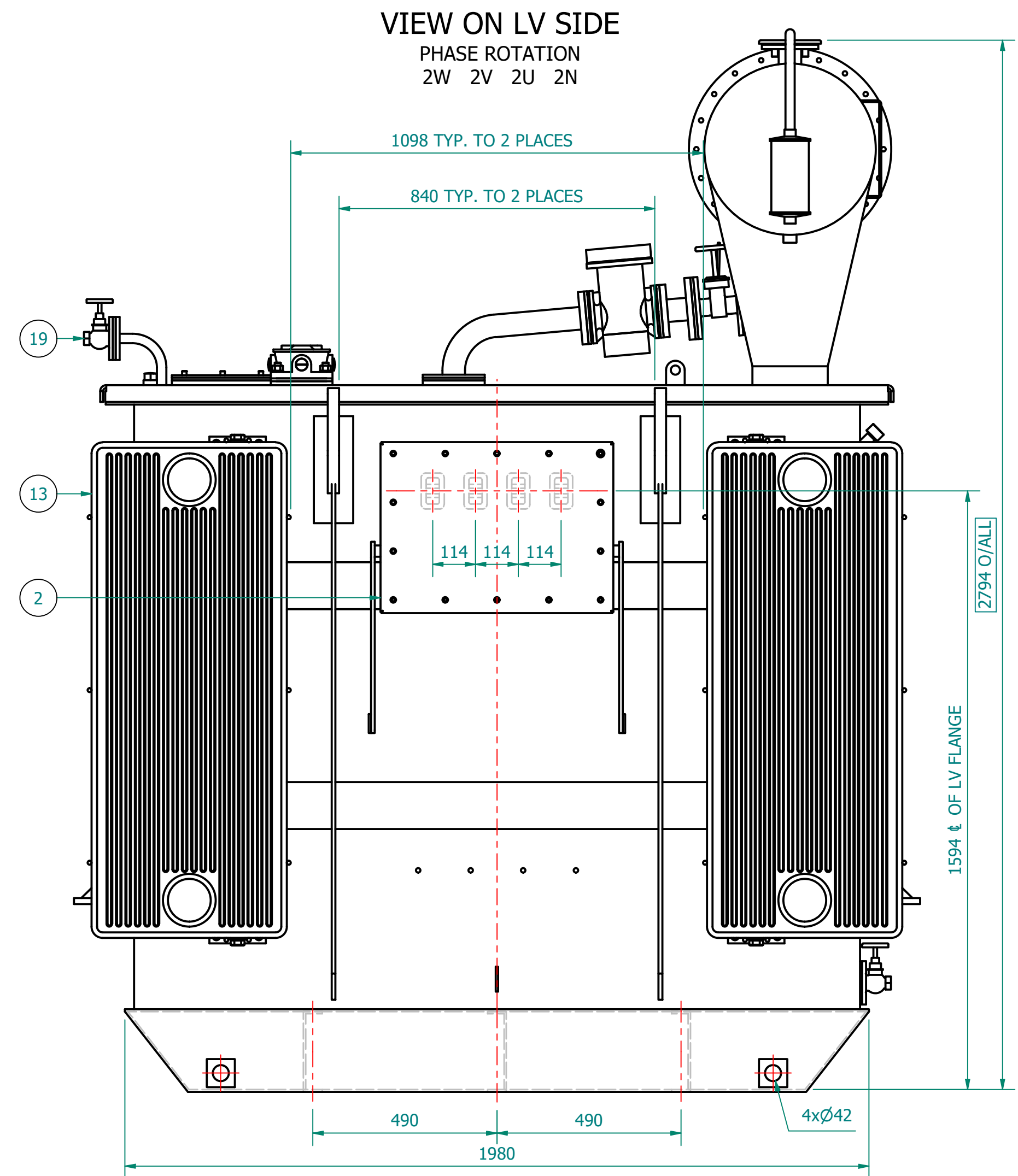
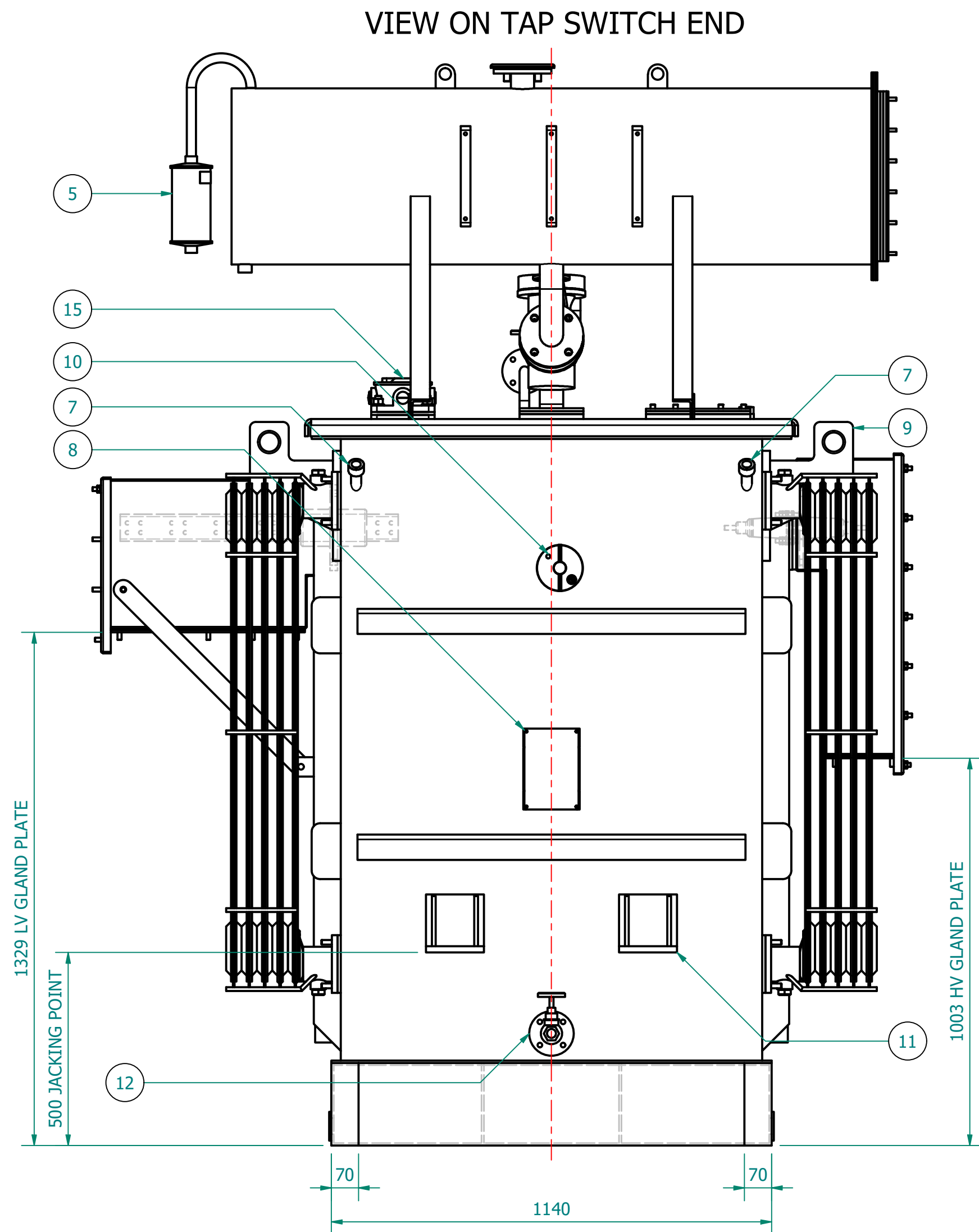
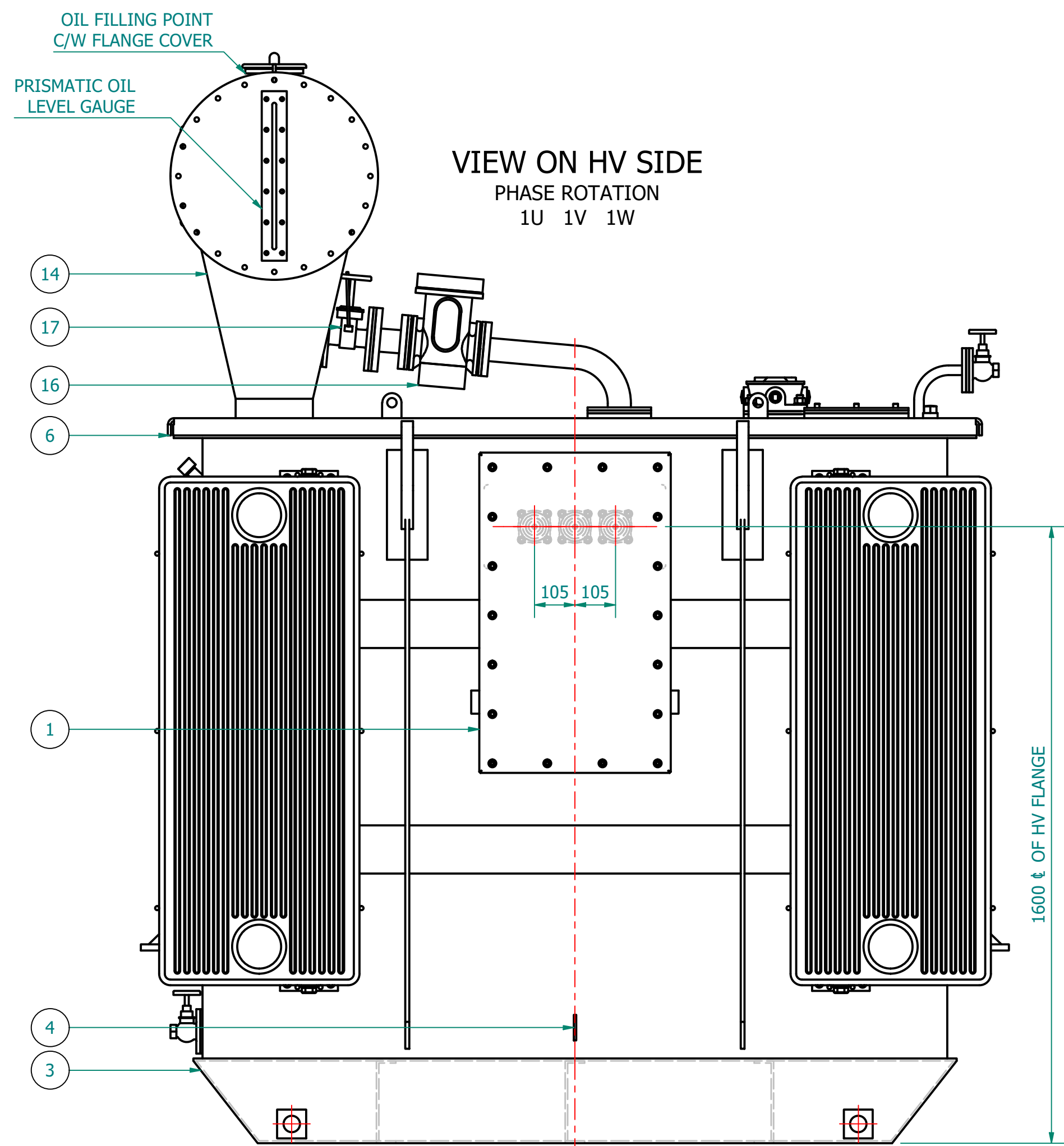
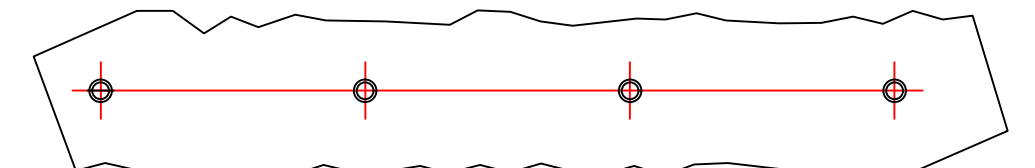




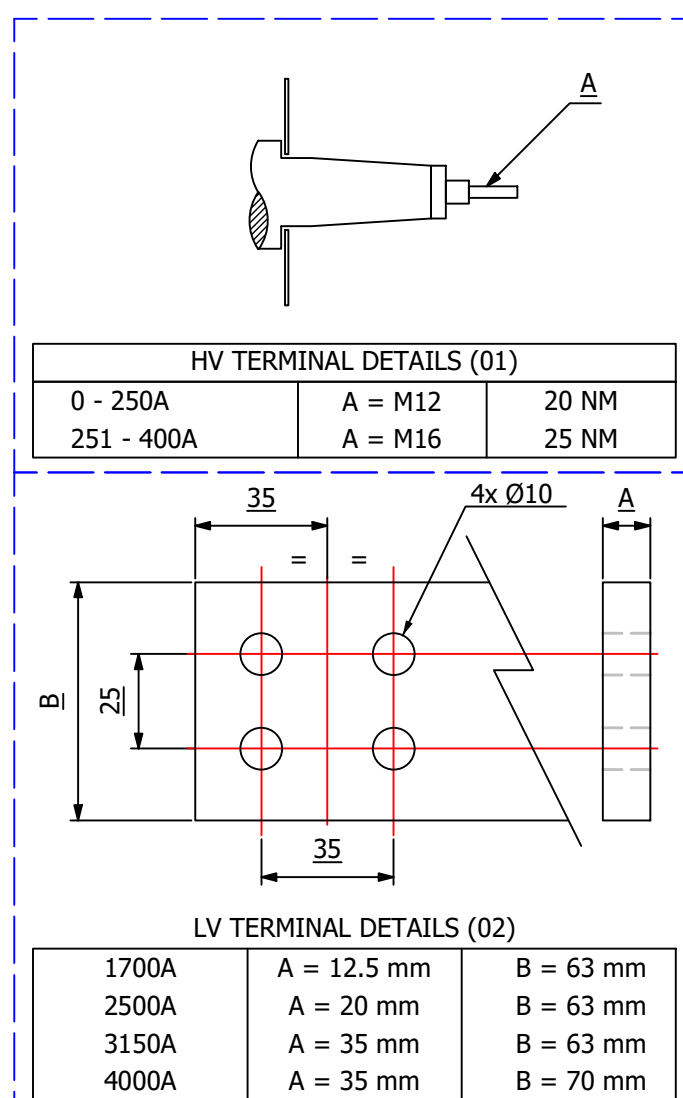
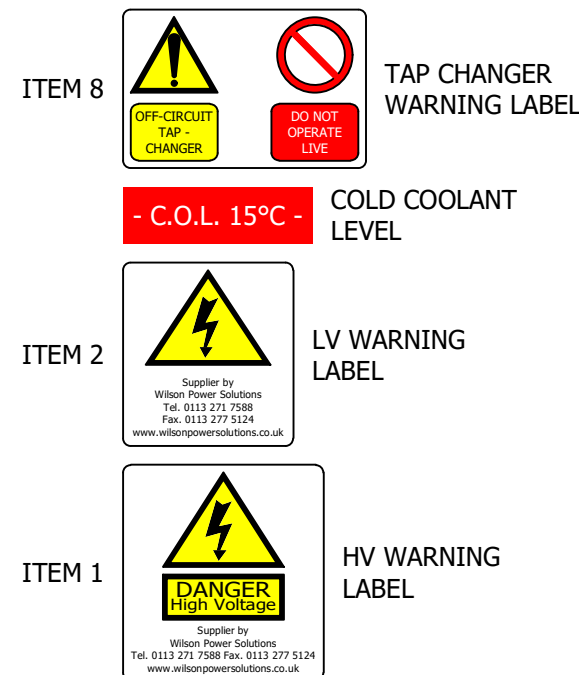
TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	5400
TANK AND FITTING	kg	1665
COOLING LIQUID VOLUME	L	2380
COOLING LIQUID WEIGHT	kg	2309
TOTAL TX WEIGHT	kg	9374

VIEW OF LV SIDE - CABLE CLEAT STUDS
CABLES MUST BE SUPPORTED IN ACCORDANCE WITH -
CURRENT IET Wiring Regulations BS7671 & IEC 61914



4x M12 x 30 @ 140mm PITCH ~430mm FROM THE GROUND

ESSENTIAL LABELS



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 (SS)
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 CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 4 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
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				DESCRIPTION
REV	REV BY	VERIFIED	APPROVED	

CURRENT REVISION	REVISION DESCRIPTION	
	ORIGINAL	
	REV. BY:	SATHWIK
	VERIFIED:	
	APPROVED:	
	4	

REV		PROJECT	
00		CUSTOMER	
		S.O. NUMBER	
DATE		P.O. NUMBER	
24-MAR-2026			
		W.O. NUMBER	

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 2500kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, KNAN AL WOUND DISTRIBUTION TRANSFORMER	

DRAWN BY:	
SATHWIK	
DATE:	
24-03-2026	
DRAWING NO.:	

PARTS LIST	
WPS-E4-2500-AL-GA-KNAN	SHEET 1 OF 1

WILSON POWER SOLUTIONS

Westland Square, Leeds,
West Yorkshire LS11 5SS, United Kingdom
Tel: +44 (0) 113 271 7588
Fax: +44 (0) 113 277 5124
web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk