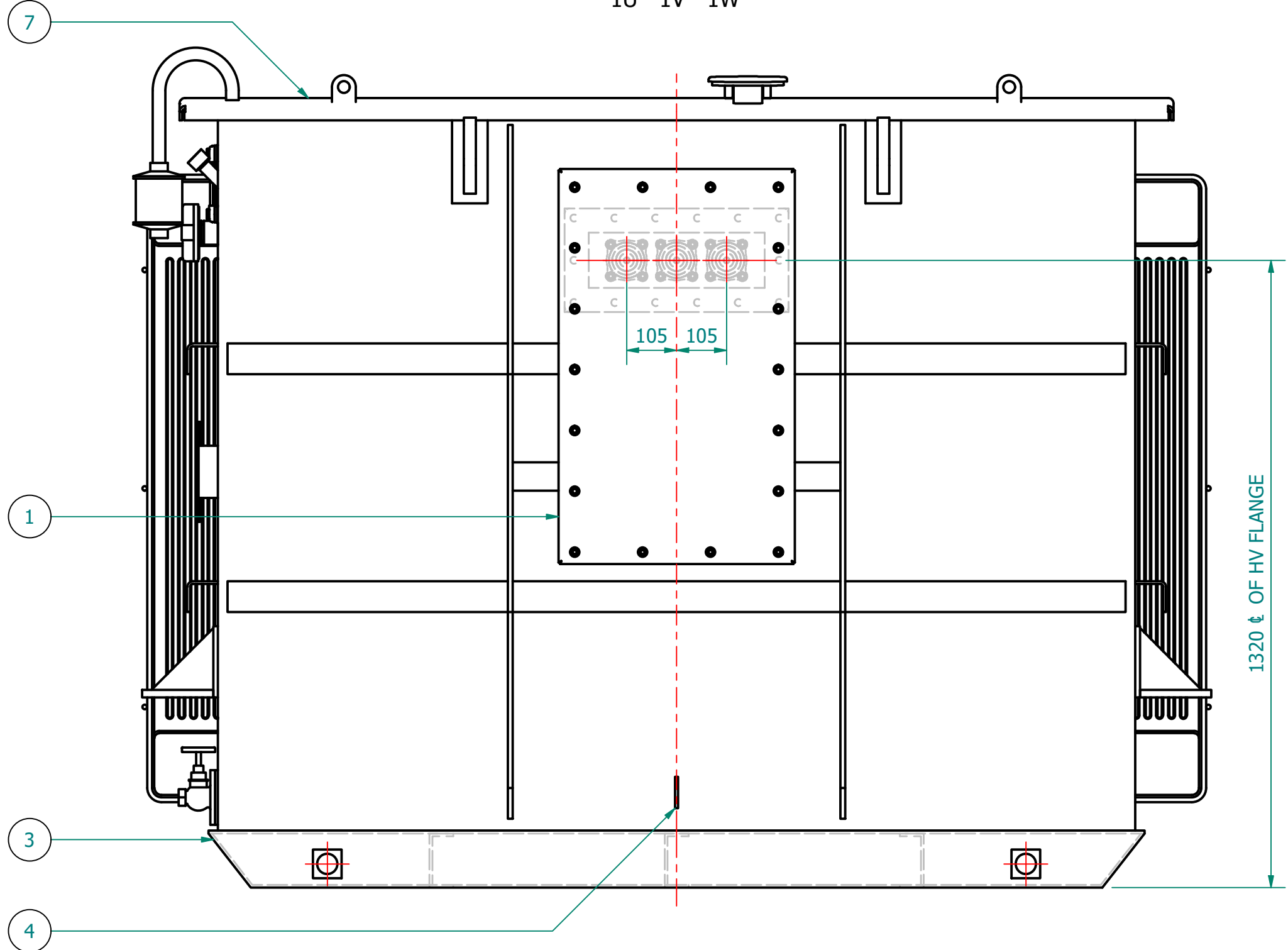
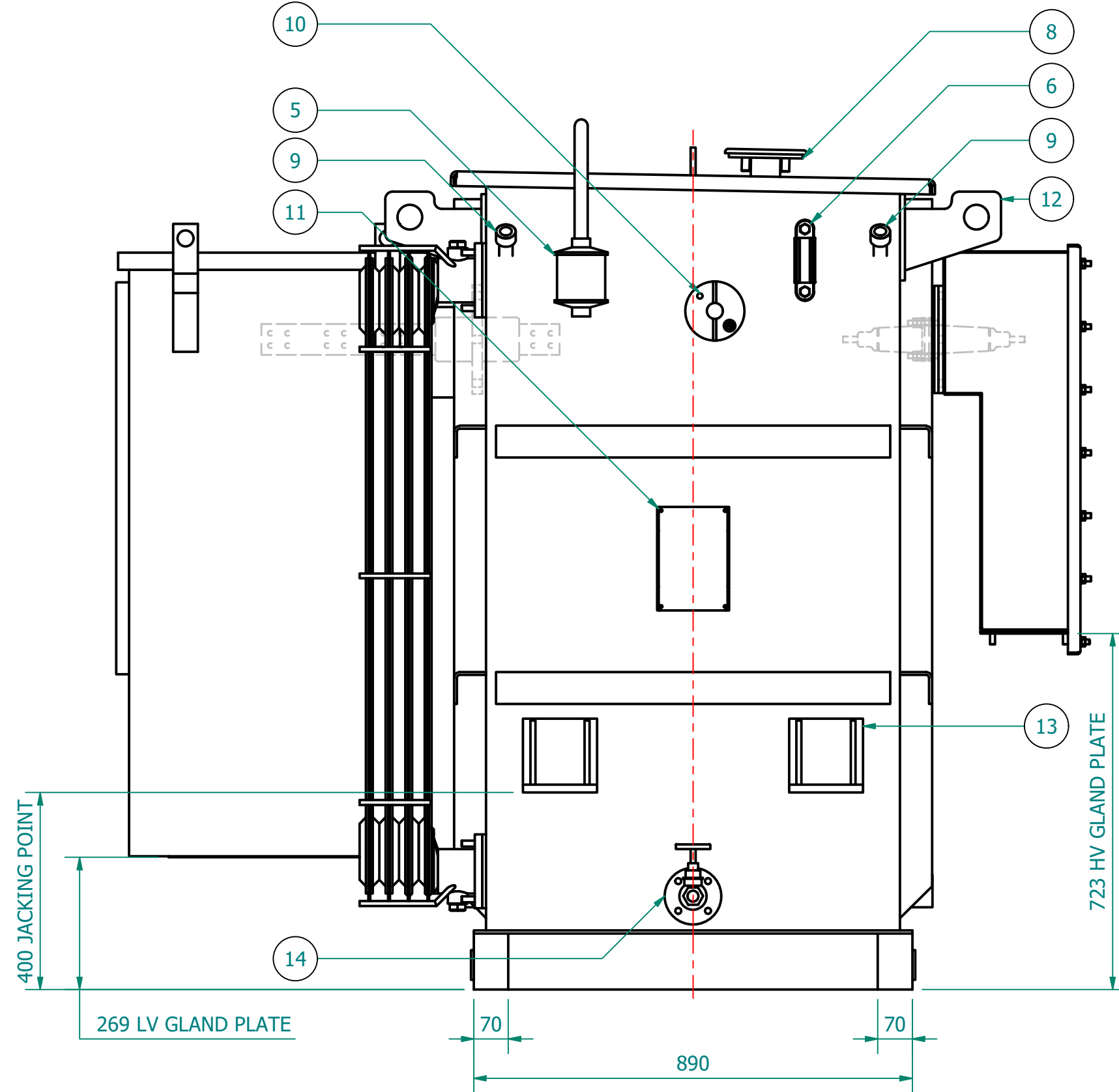


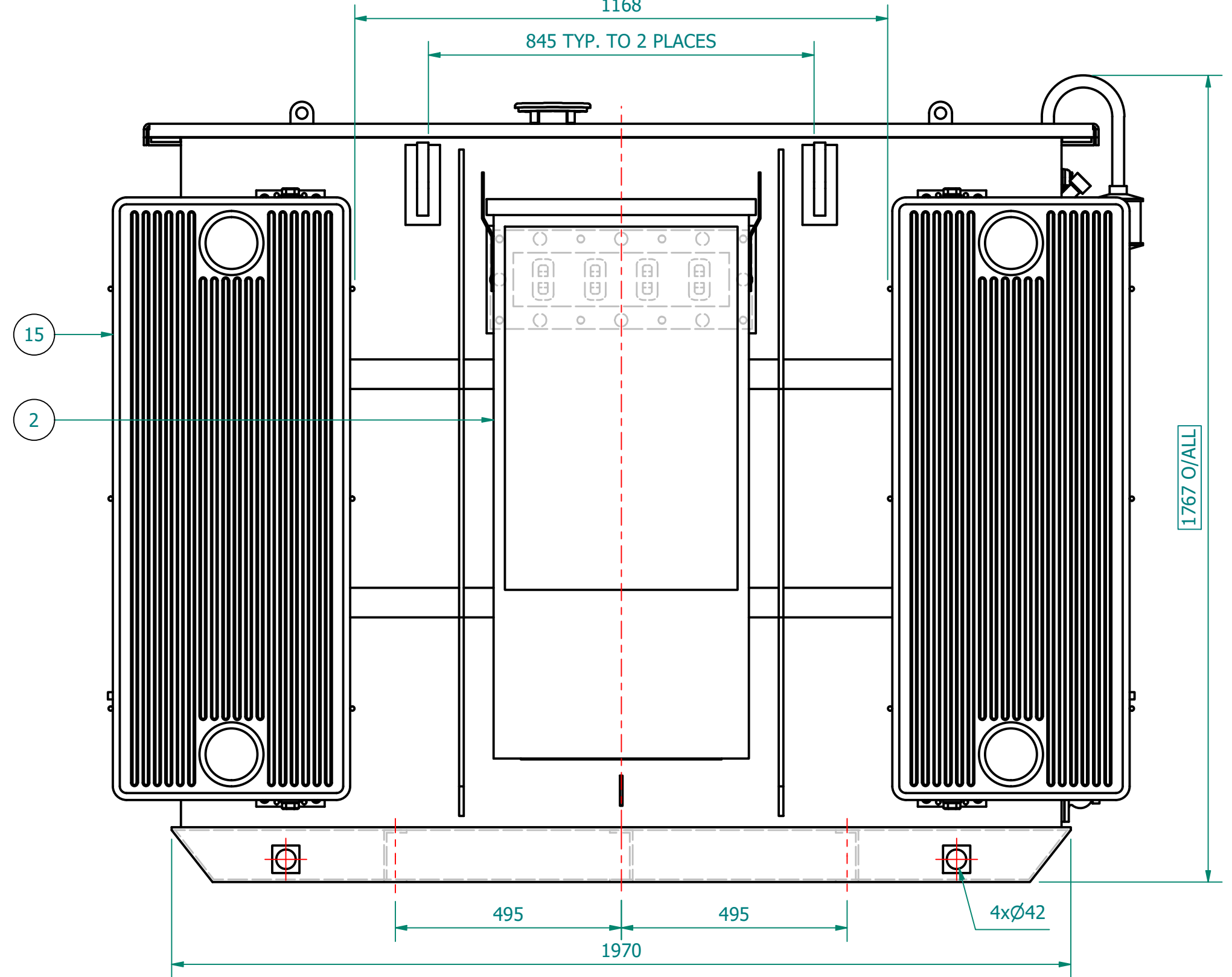
VIEW ON HV SIDE
PHASE ROTATION
1U 1V 1W



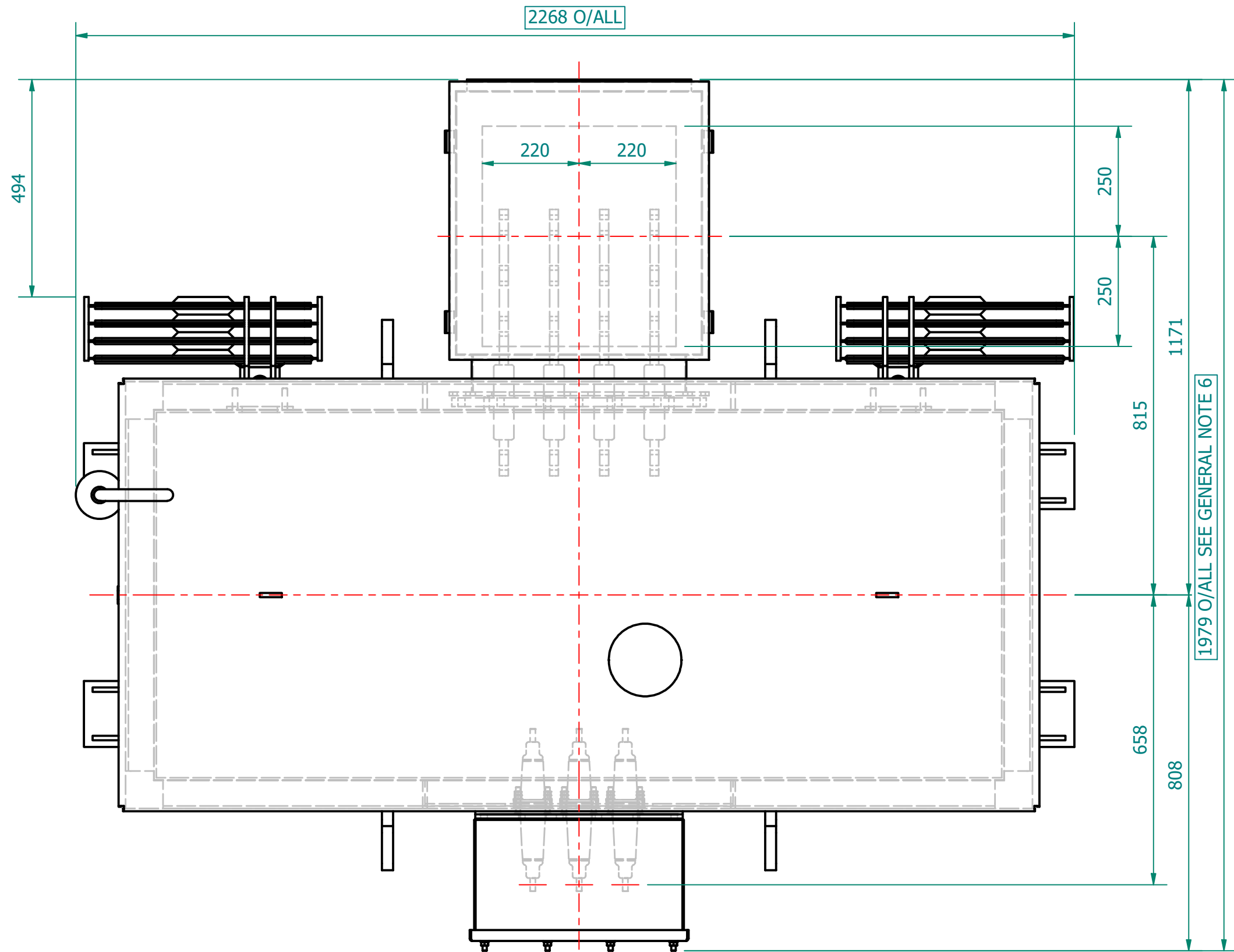
VIEW ON TAP SWITCH END



VIEW ON LV SIDE
PHASE ROTATION
2W 2V 2U 2N
1168

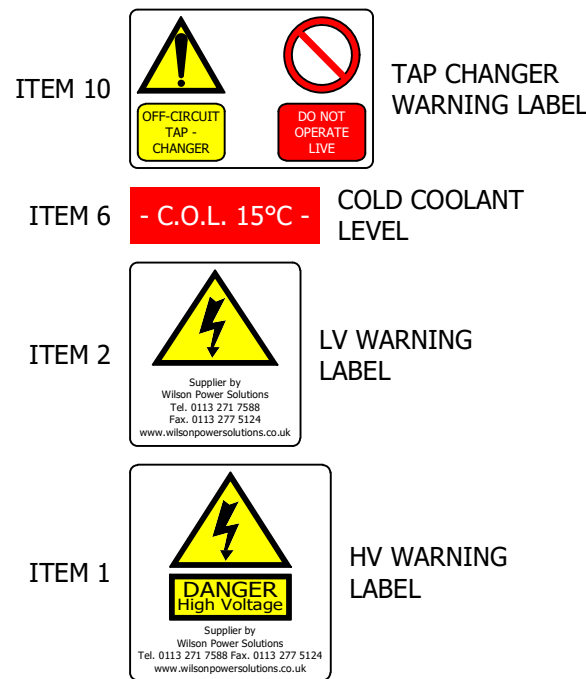


PLAN VIEW



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

ESSENTIAL LABELS



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3700
TANK AND FITTING	kg	1050
COOLING LIQUID VOLUME	L	1450
COOLING LIQUID WEIGHT	kg	1407
TOTAL TX WEIGHT	kg	6157
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV UNIT	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					
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 DIMS ARE SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.					
7					
8					
9					

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

ITEM	QTY	DESCRIPTION
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	ENVIRO 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 CABLE BOX - 12kV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'E' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq
PARTS LIST		

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

REVISION HISTORY				CURRENT REVISION		REVISION DESCRIPTION		REV	PROJECT	DRAWING TITLE		DRAWN BY:	
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION		ORIGINAL		00	CUSTOMER	GENERAL ARRANGEMENT DRAWING FOR 1500kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET		SATHWIK	
						REV. BY:	SATHWIK	DATE	24-MAR-2026			DATE:	
						VERIFIED:						24-03-2026	
						APPROVED:						DRAWING NO.:	
												WPS-E4-1500-AL-A001-KNAN	
												SHEET 1 OF 1	



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