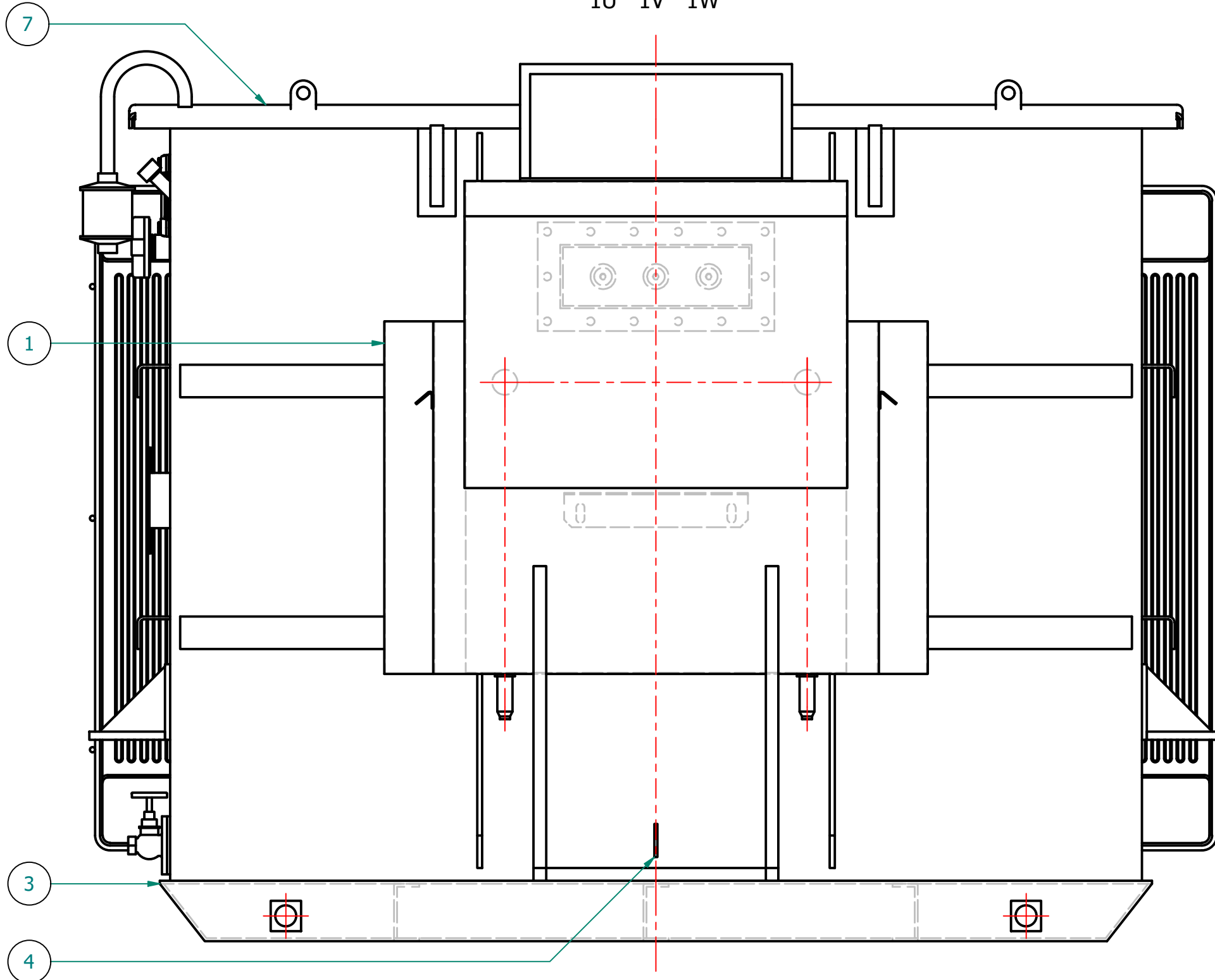
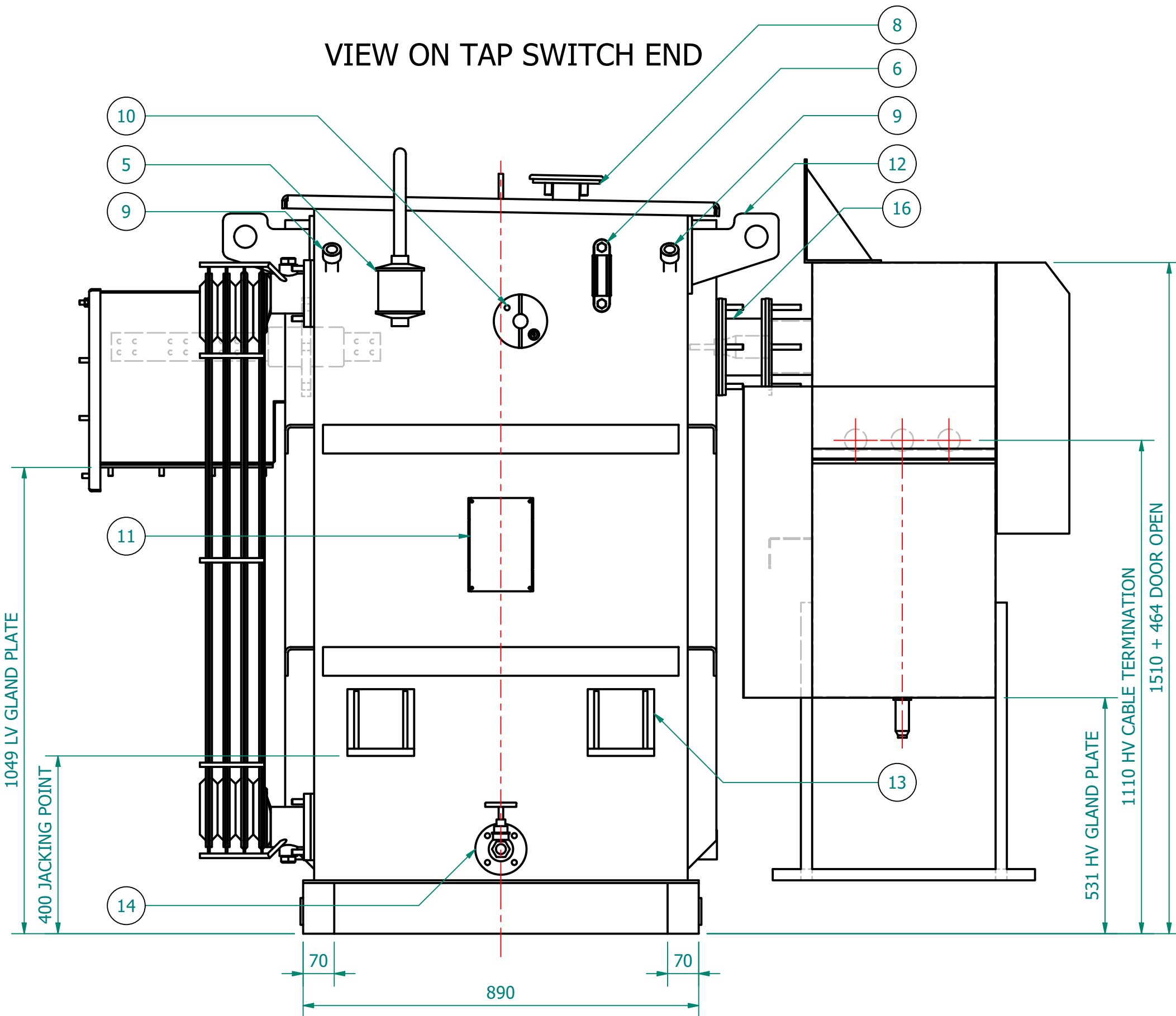


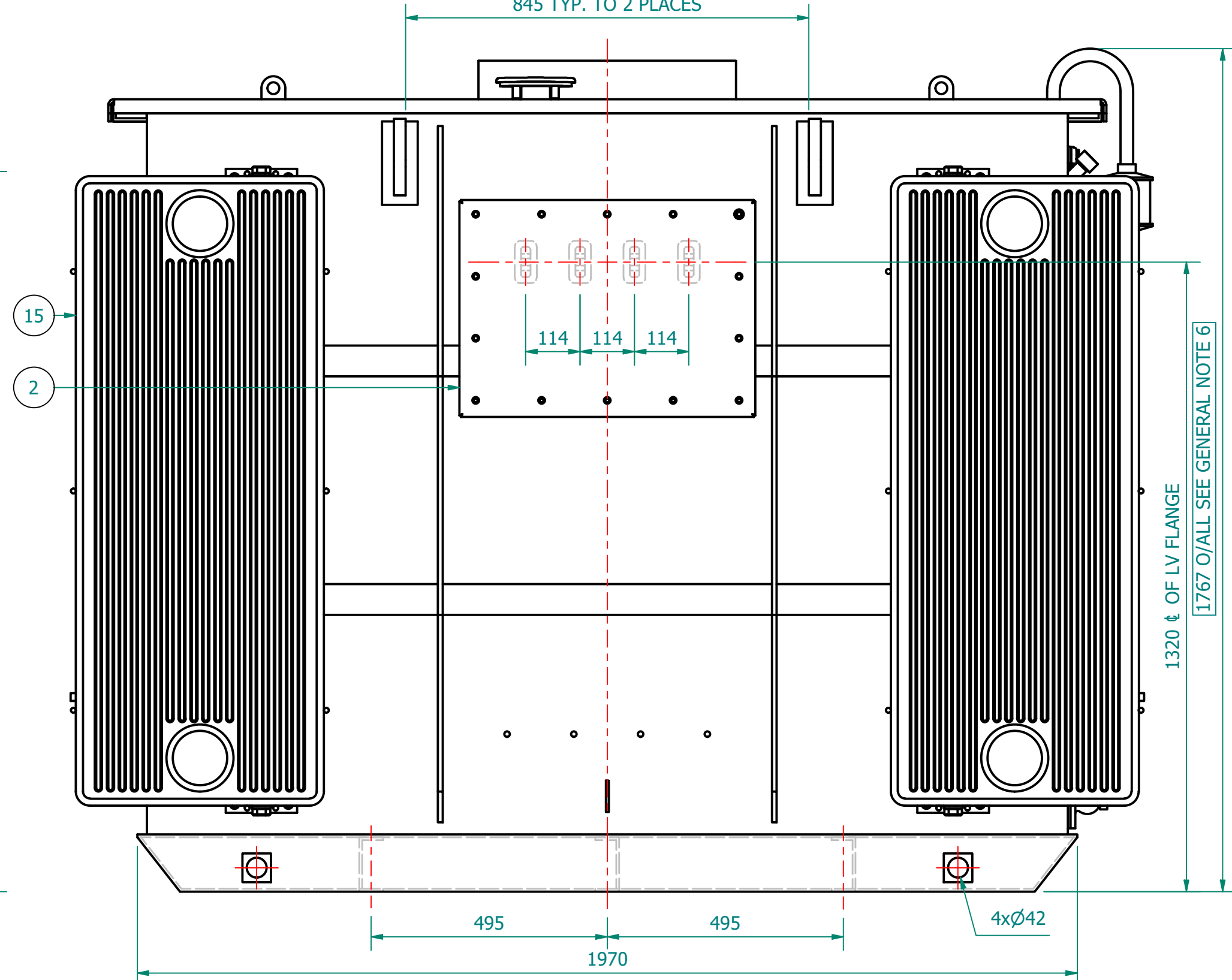
VIEW ON HV SIDE
PHASE ROTATION
1U 1V 1W



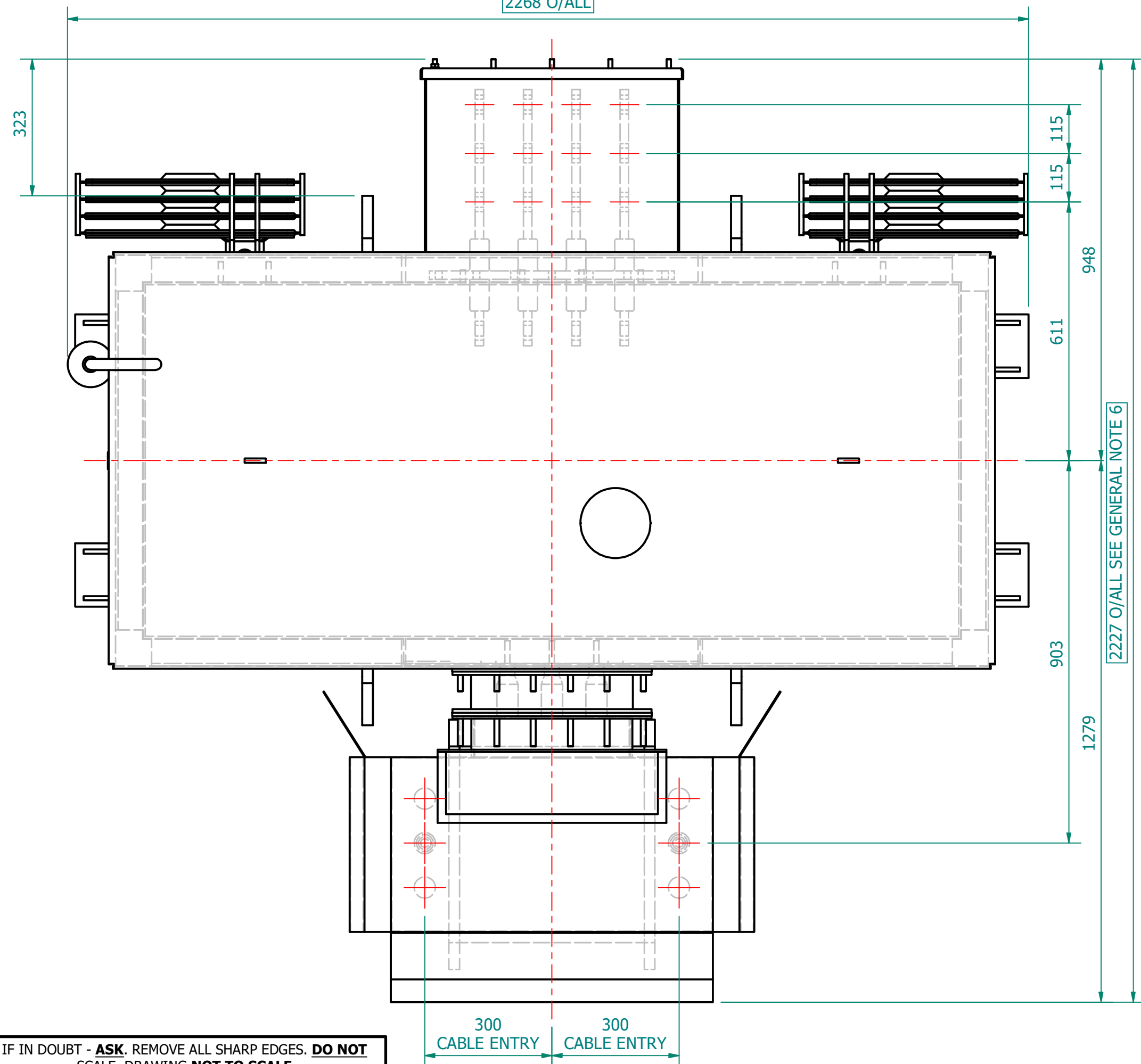
VIEW ON TAP SWITCH END



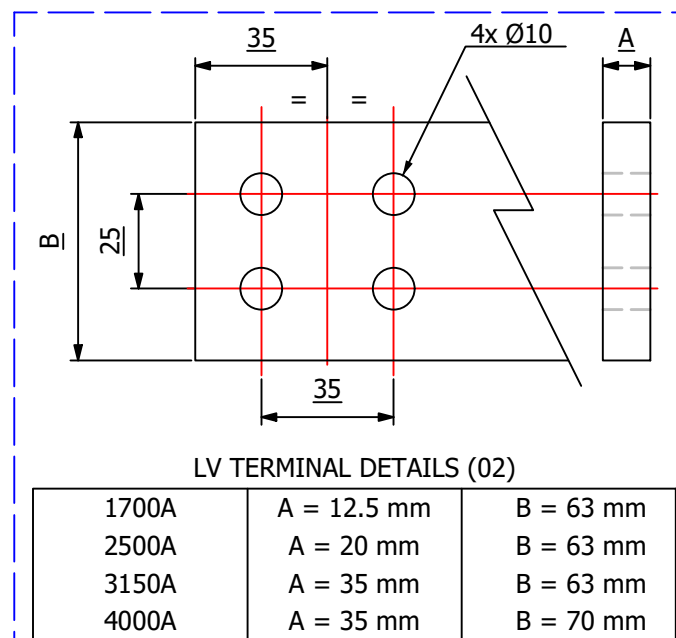
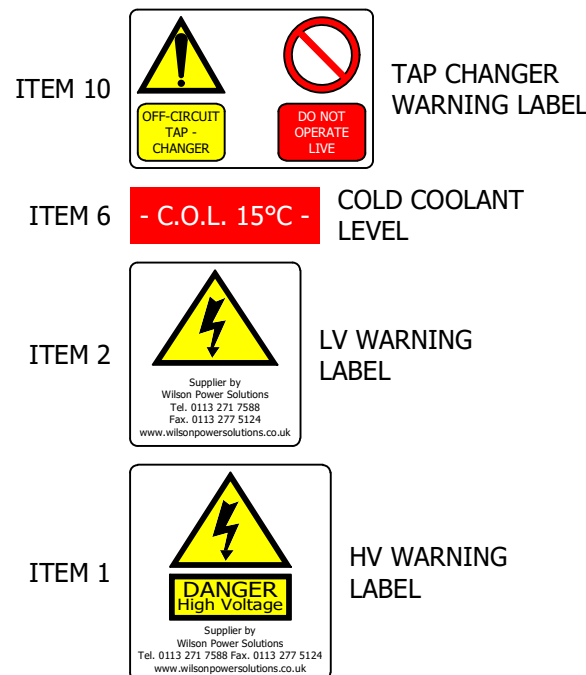
VIEW ON LV SIDE
PHASE ROTATION
2W 2V 2U 2N



PLAN VIEW
2268 O/ALL



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		
HV UNIT	kg	385

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



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					

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	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 CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 3 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-T1/21] TLF PROTECTION, (FACING-'E' BS:2562)

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		S.O. NUMBER		GENERAL ARRANGEMENT DRAWING FOR 1500kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, KNAN	SATHWIK			DATE:	24-03-2026		
								P.O. NUMBER				AL WOUND DISTRIBUTION TRANSFORMER RN2d							
								W.O. NUMBER											
																DRAWING NO.:			
																WPS-E4-1500-AL-A002-KNAN			
																SHEET 1 OF 1			



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