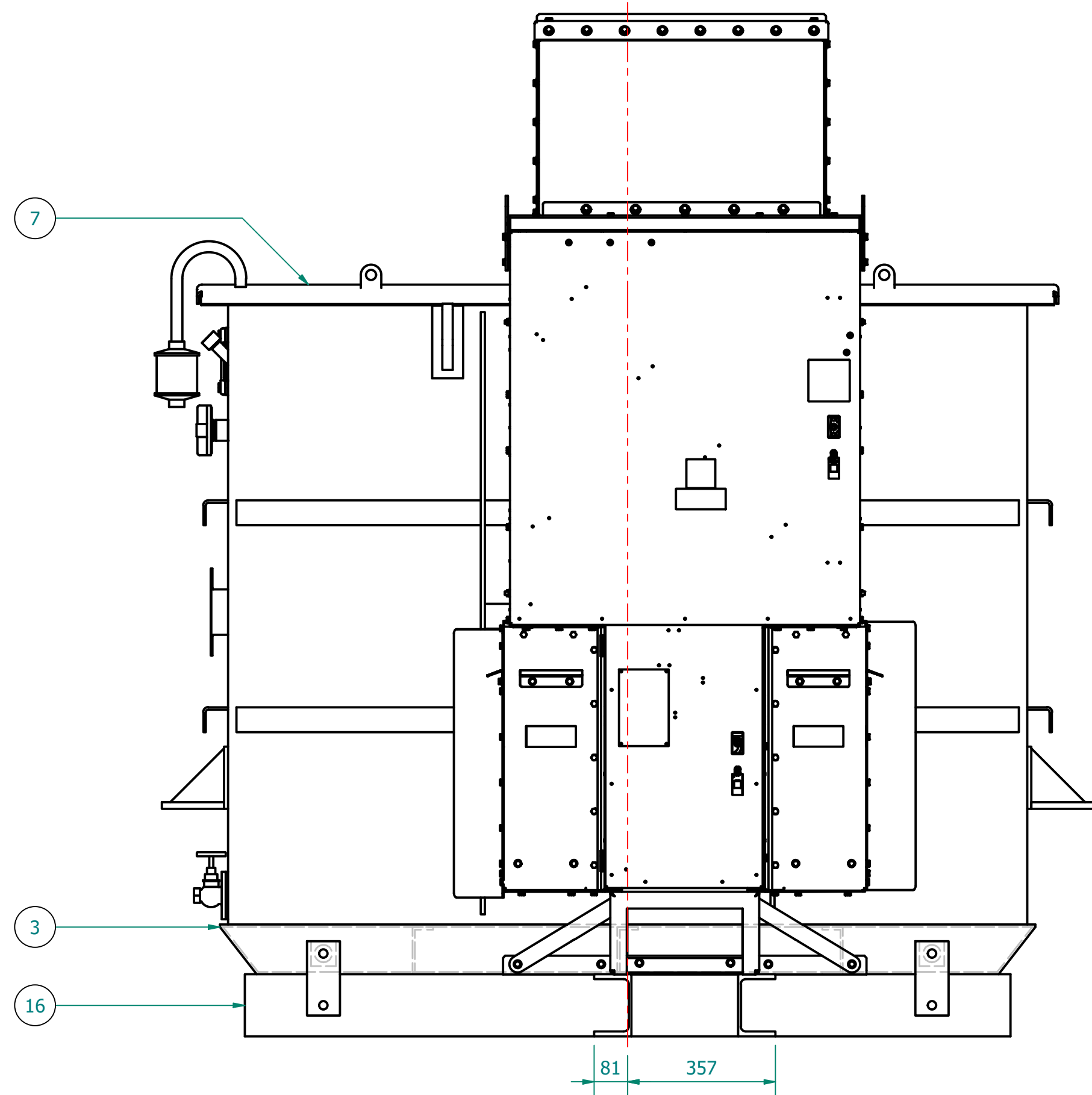
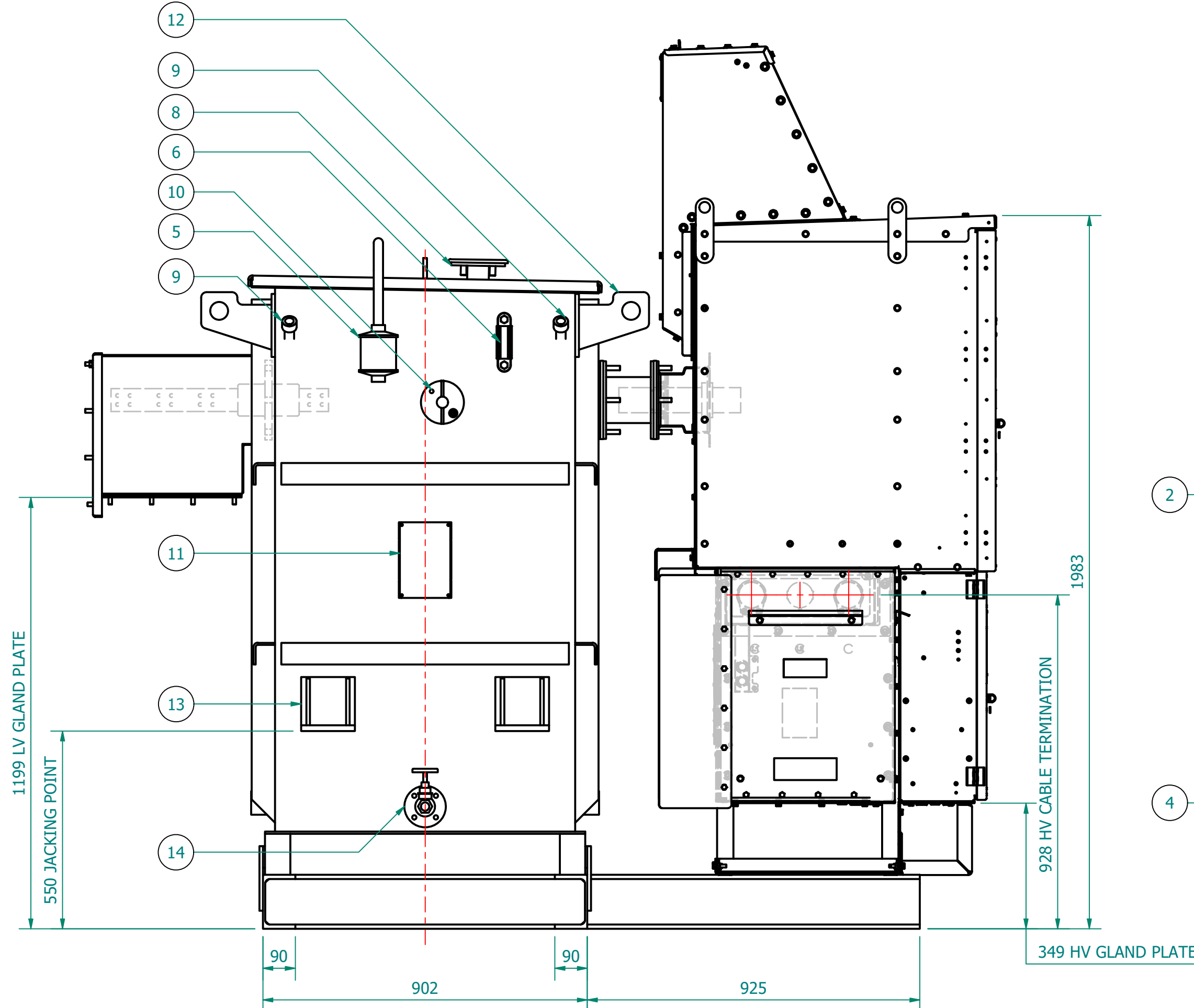


VIEW ON HV SIDE

PHASE ROTATION
1U 1V 1W

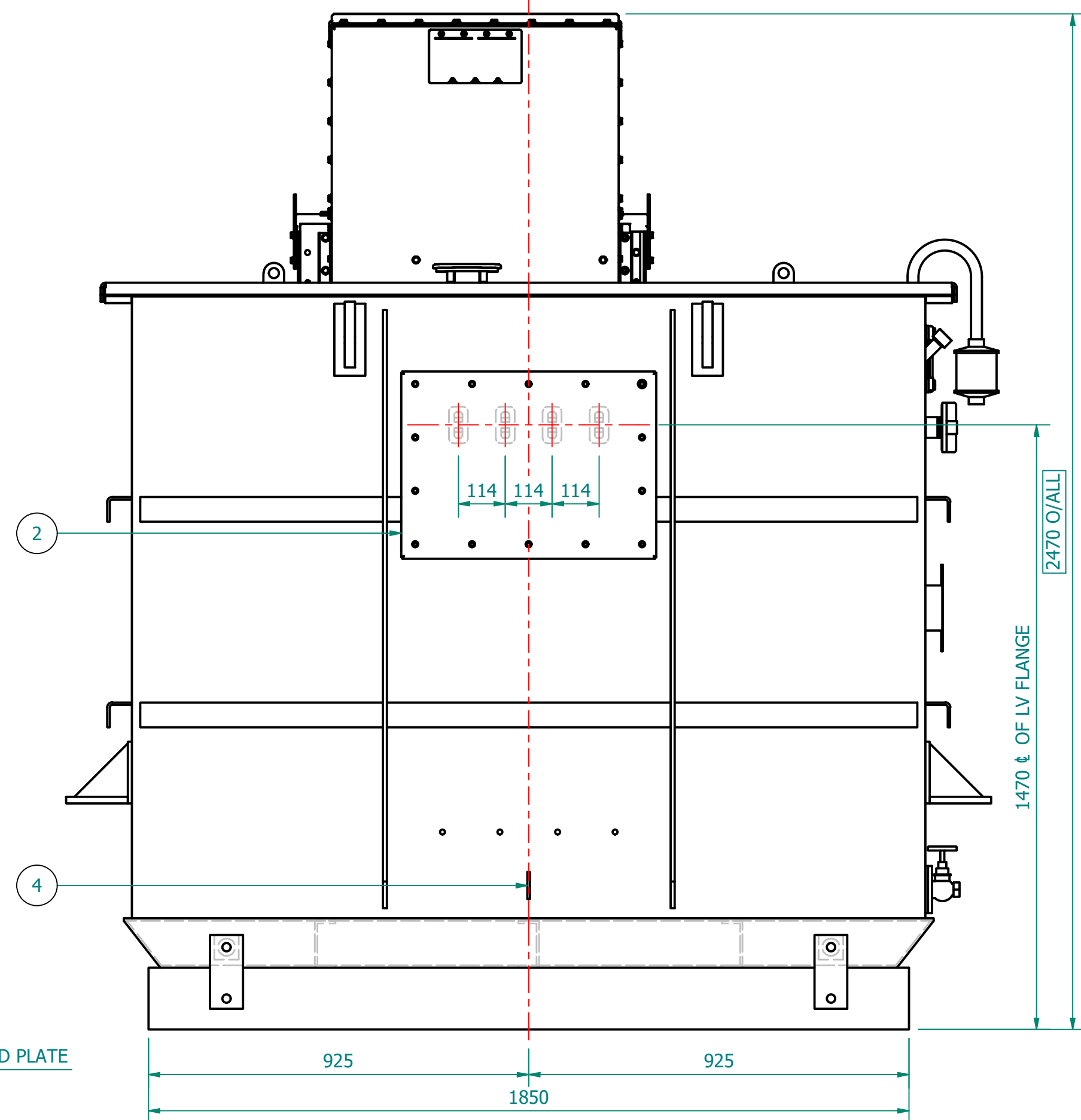


VIEW ON TAP SWITCH END



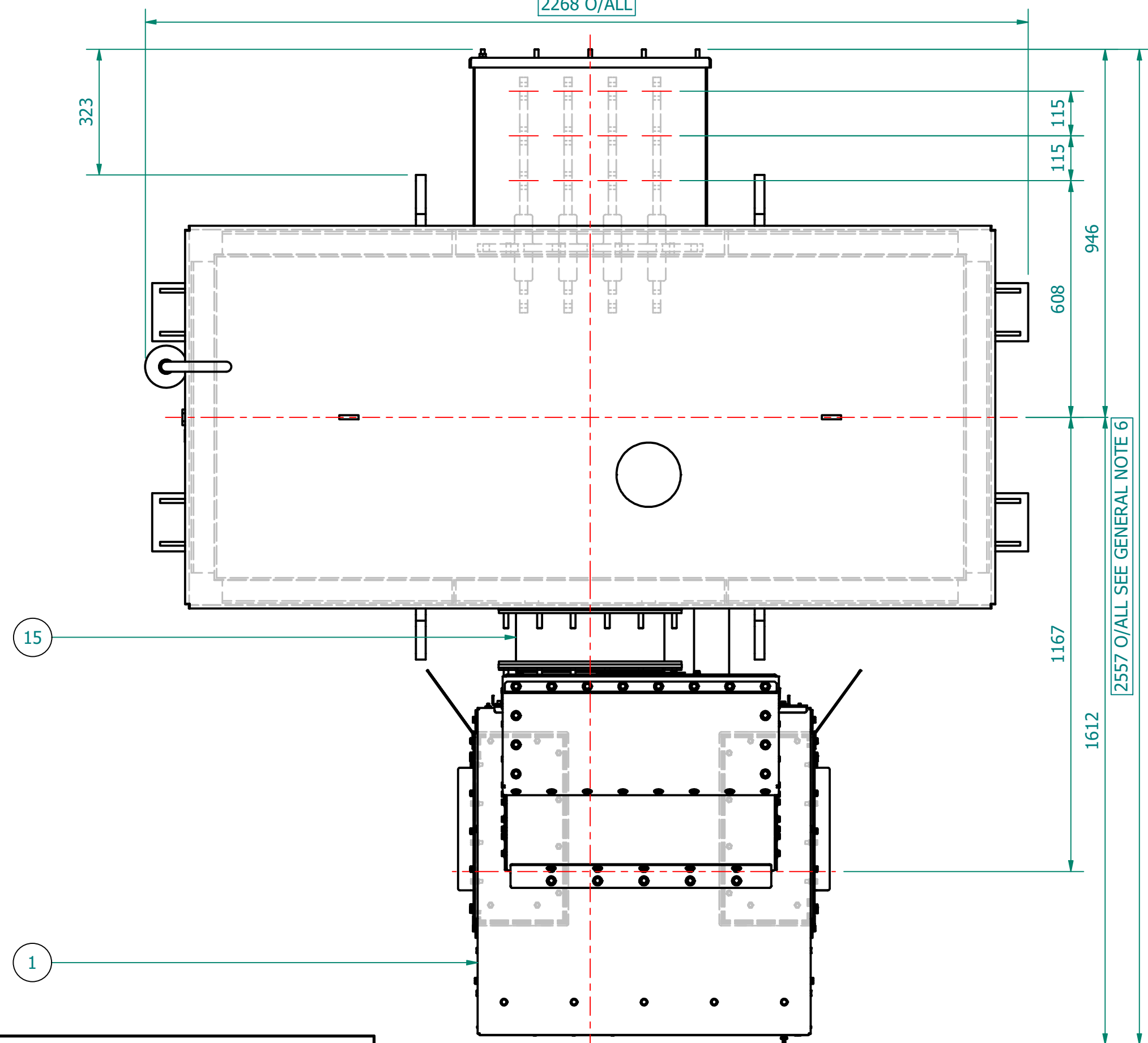
VIEW ON LV SIDE

PHASE ROTATION
2W 2V 2U 2N



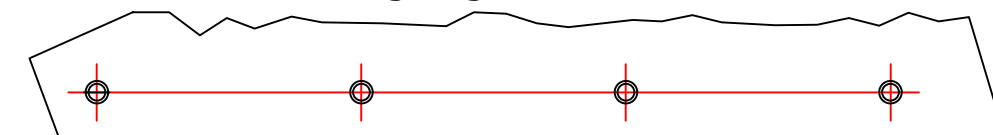
PLAN VIEW

2268 O/ALL



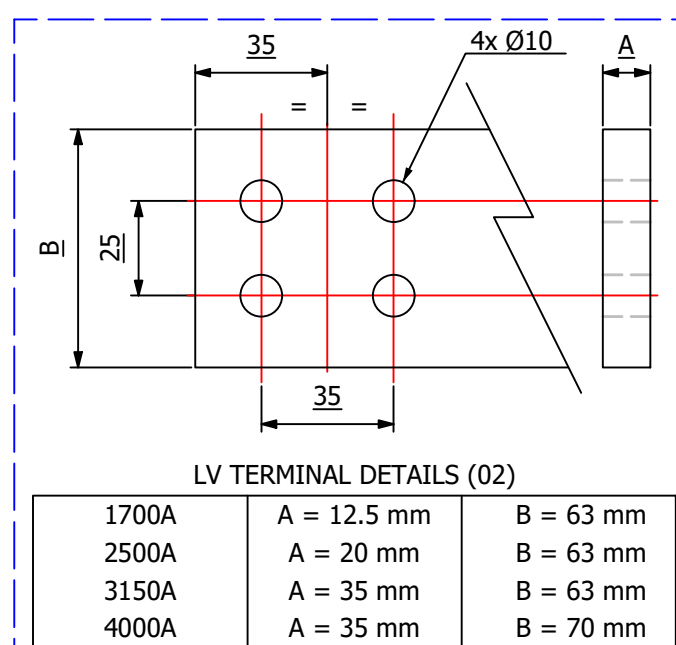
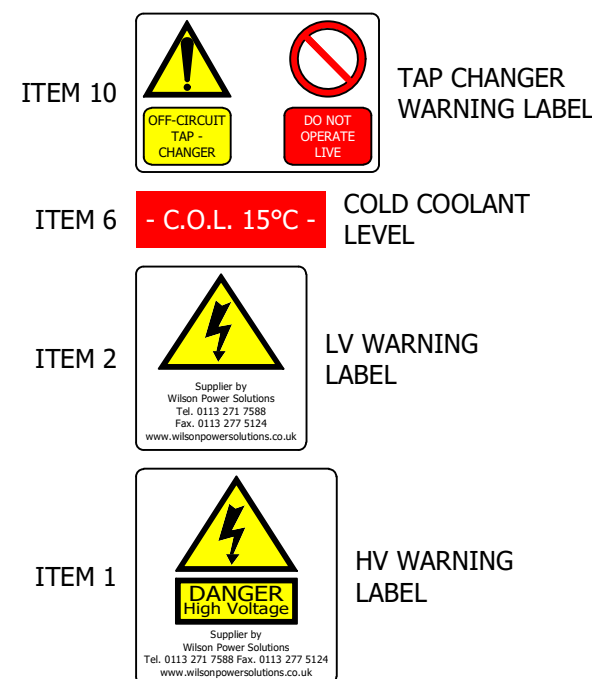
TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3400
TANK AND FITTING	kg	850
COOLING LIQUID VOLUME	L	1474
COOLING LIQUID WEIGHT	kg	1200
TOTAL TX WEIGHT	kg	5450
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	kg	650
SUPPORT FRAME	kg	--

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



1250kVA 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	65.608A	1739.007A
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.
5.0%	570W	6930W	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 SUPPORT FRAME
15	1	HV THROAT
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 BREATHING 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 RN2AIR], (FACING-'E' BS:2562)
PARTS LIST		

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

REVISION HISTORY				
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

REVISION DESCRIPTION		REV	PROJECT
ORIGINAL		00	CUSTOMER
			S.O. NUMBER
			P.O. NUMBER
			W.O. NUMBER
REV. BY: RAMESH J		DATE: 22-MAY-2026	
VERIFIED:			
APPROVED:			

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 1250kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, ONAN AL WOUND DISTRIBUTION TRANSFORMER AIRSET	

DRAWN BY:		Wilson Power Solutions Ltd. 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
CHECKED BY:		
DATE:		
05/2026		
DRAWING NO.:	WPS-E4-1250-AL-AIRSET	SHEET 1 OF 1
		WPD002 REV D 25-NOV-14