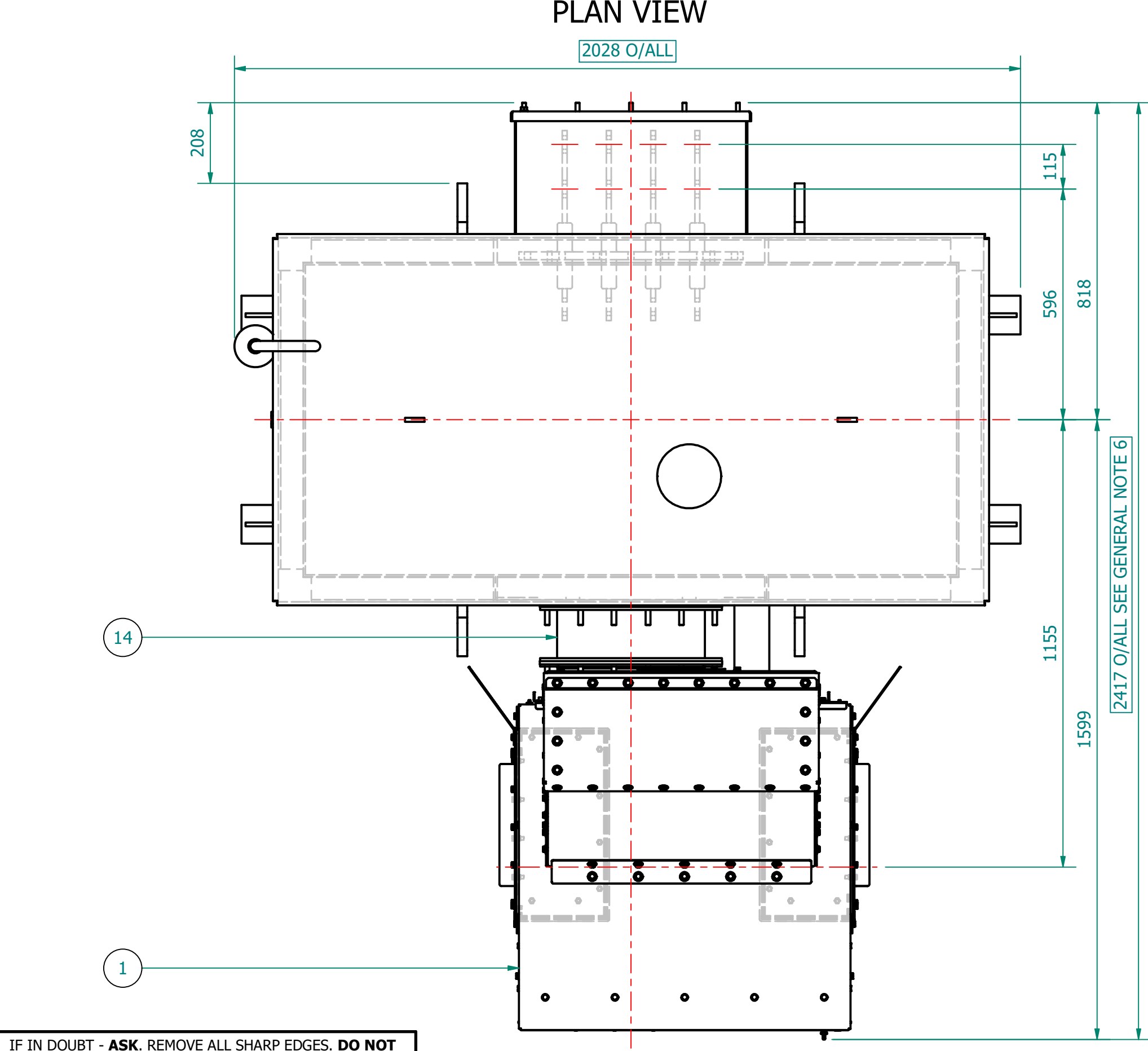
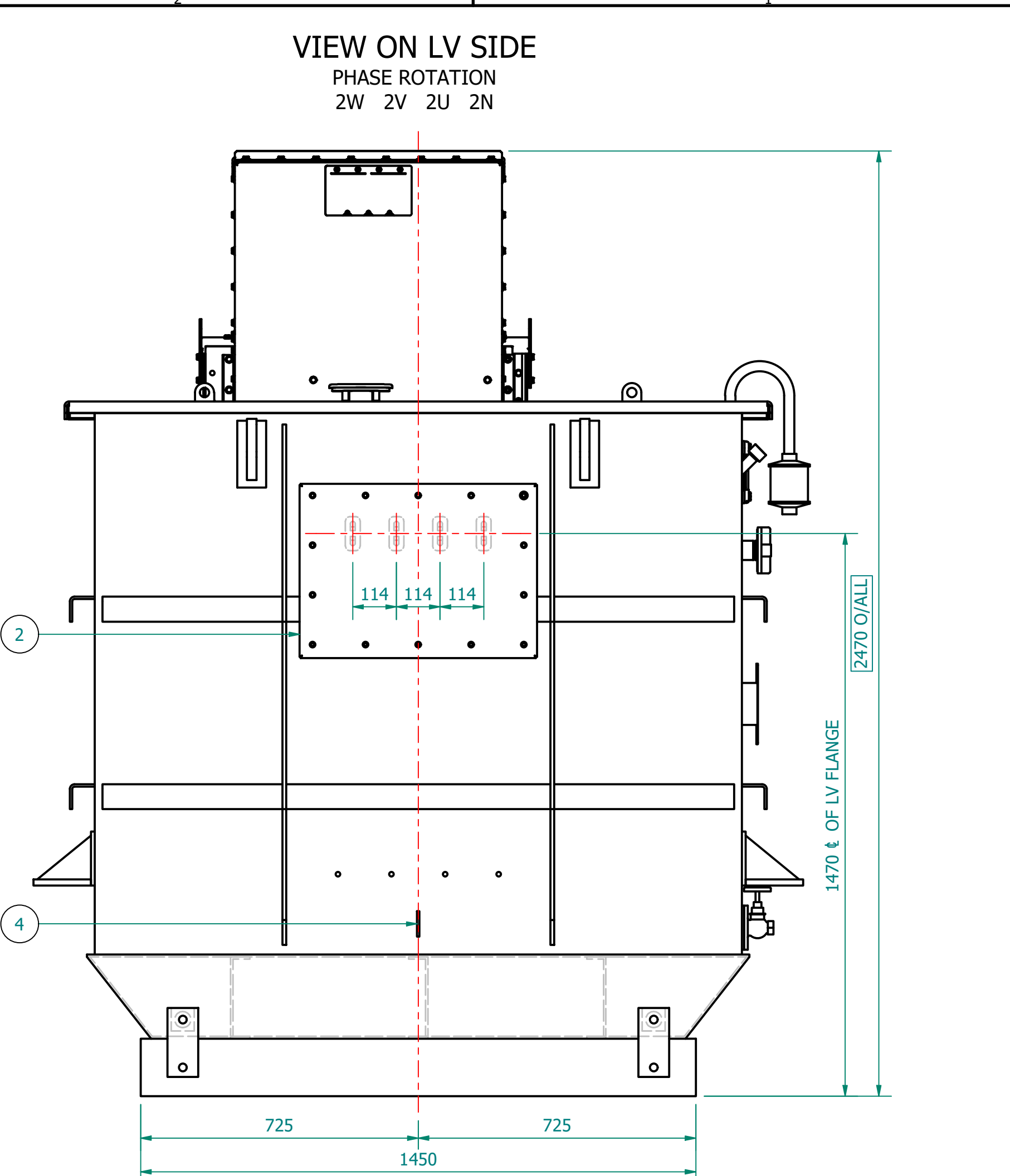
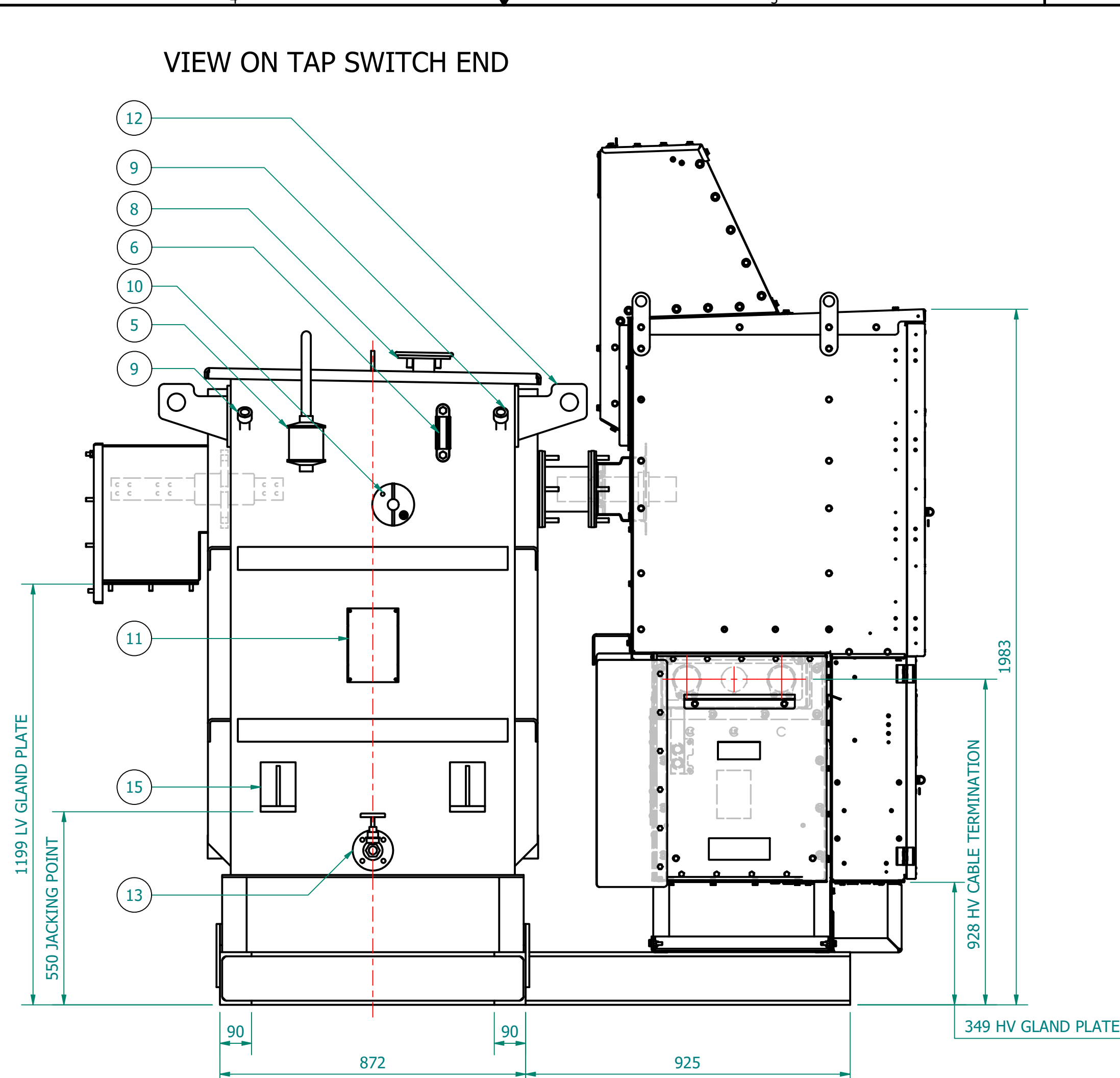
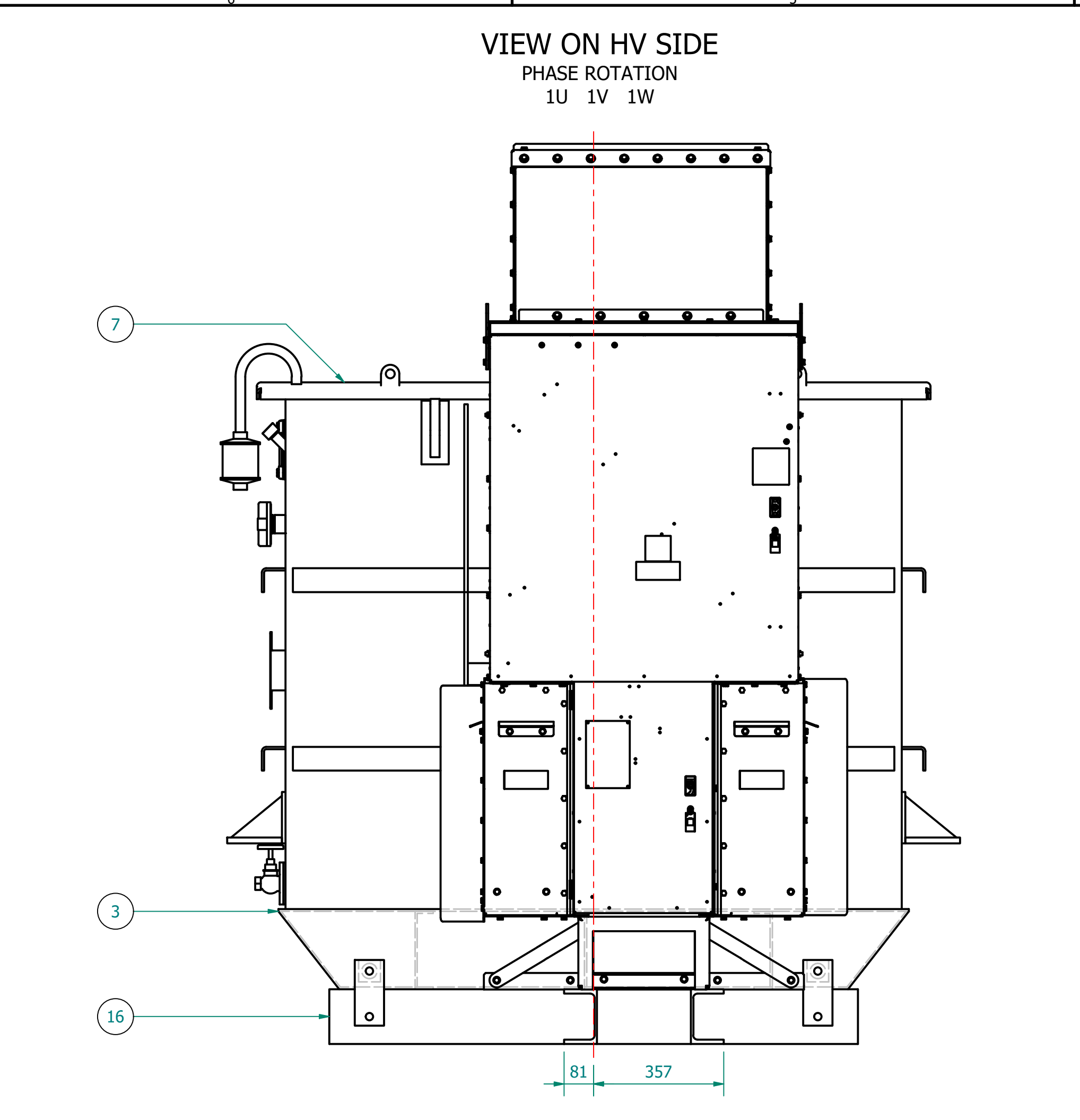




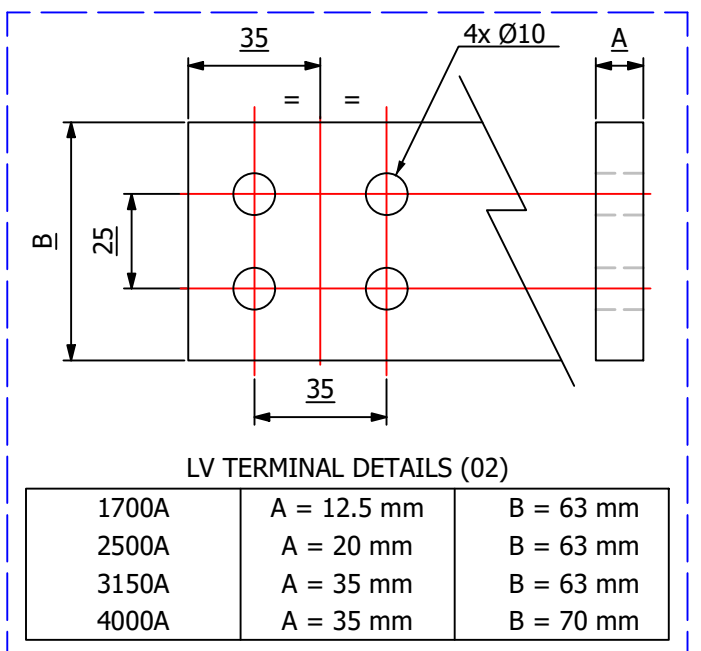
TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2850
TANK AND FITTING	kg	800
COOLING LIQUID VOLUME	L	1106
COOLING LIQUID WEIGHT	kg	900
TOTAL TX WEIGHT	kg	4550
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	kg	650
SUPPORT FRAME	kg	--

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

- ITEM 10 TAP CHANGER WARNING LABEL
- ITEM 6 - C.O.L. 15°C COLD COOLANT LEVEL
- ITEM 2 LV WARNING LABEL
- ITEM 1 HV WARNING LABEL



1000KVA 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	52.486A	1391.205A
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.
4.75%	460W	5610W	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	4	JACKING PADS
14	1	HV THROAT
13	1	DRAIN VALVE (25NB) with MALE PLUG
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 2 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2AIR], (FACING-'E' BS:2562)

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

REVISION HISTORY			
REV	REV BY	VERIFIED	APPROVED

REVISION DESCRIPTION	
ORIGINAL	
REV. BY:	RAMESH J
VERIFIED:	
APPROVED:	

REV	PROJECT
00	CUSTOMER
	S.O. NUMBER
	P.O. NUMBER
	W.O. NUMBER

DATE	22-MAY-2026
------	-------------

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 1000kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, ONAN AL WOUND DISTRIBUTION TRANSFORMER AIRSET	

DRAWN BY:	RAMESH J
DATE:	22/05/2026
DRAWING NO.:	WPS-E4-1000-AL-AIRSET

WILSON POWER SOLUTIONS

web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk

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

SHEET 1 OF 1