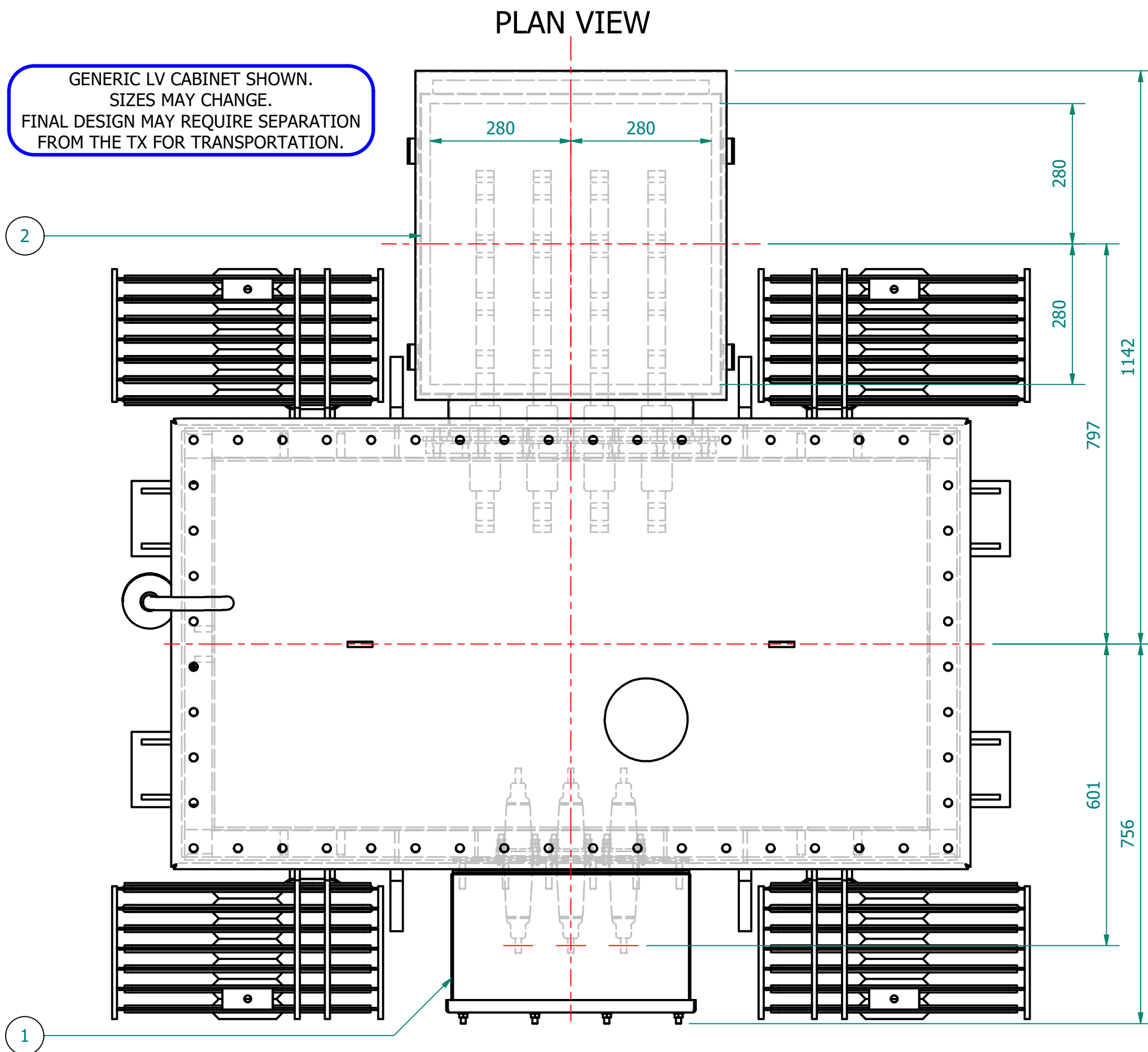
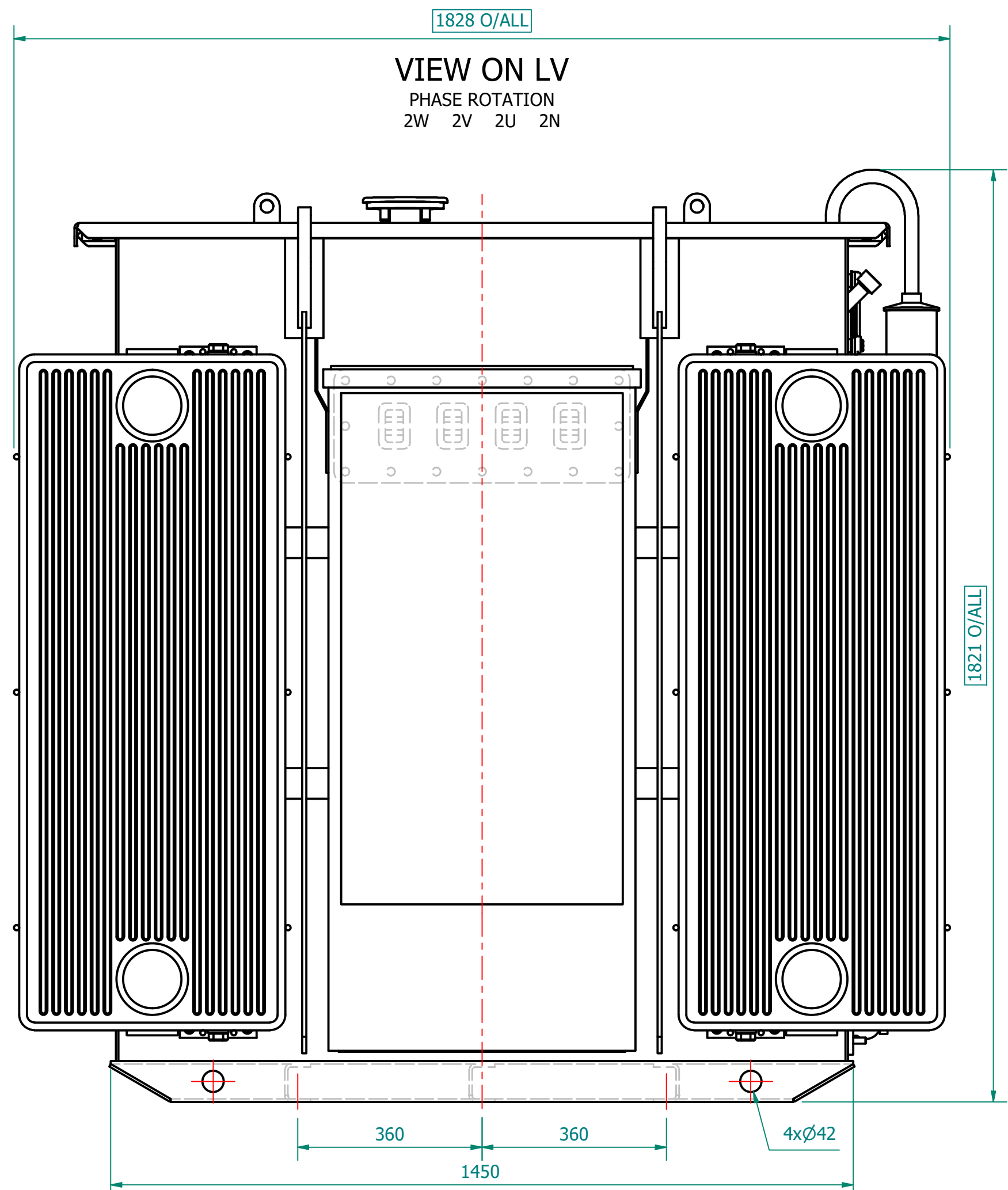
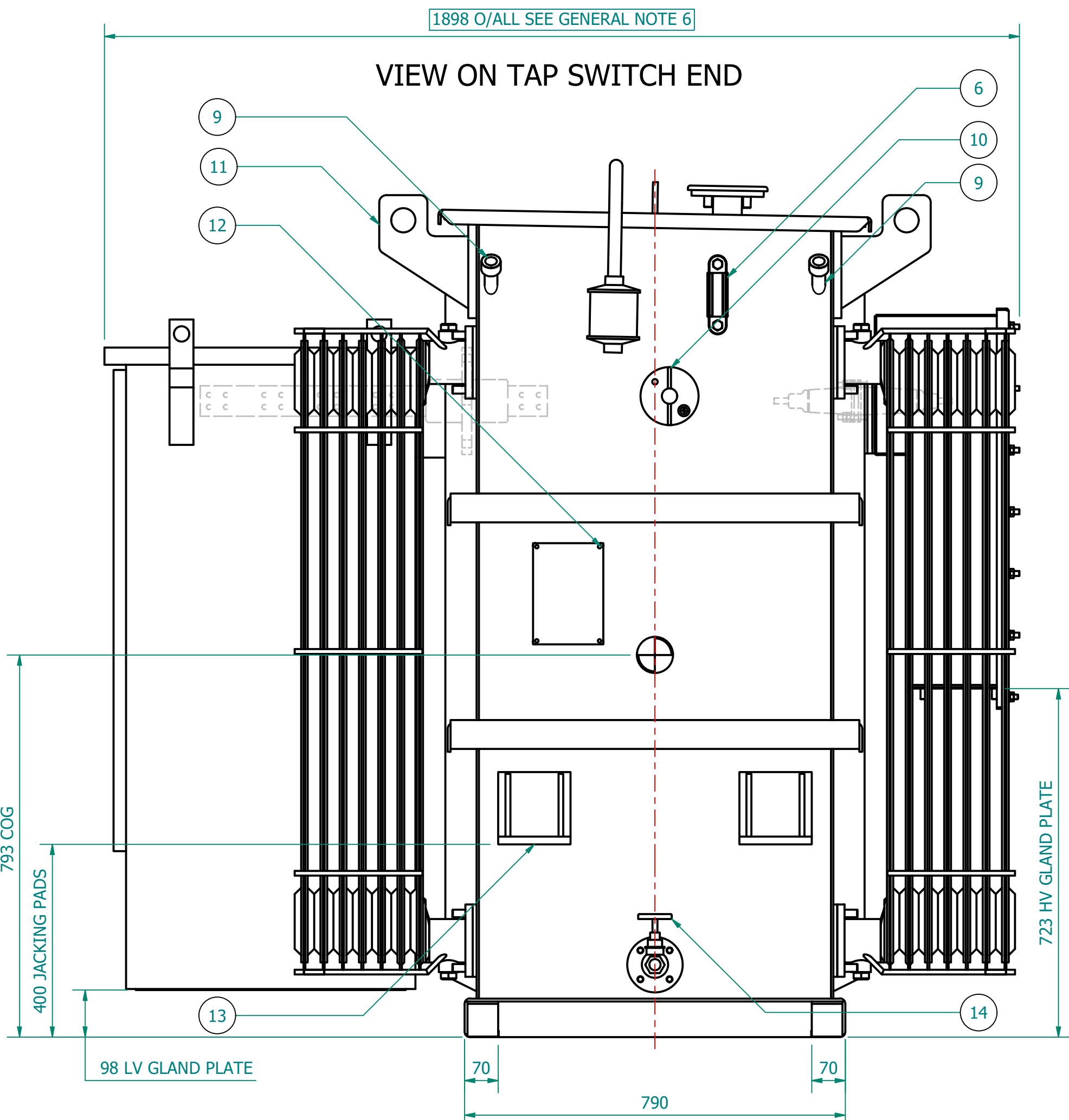
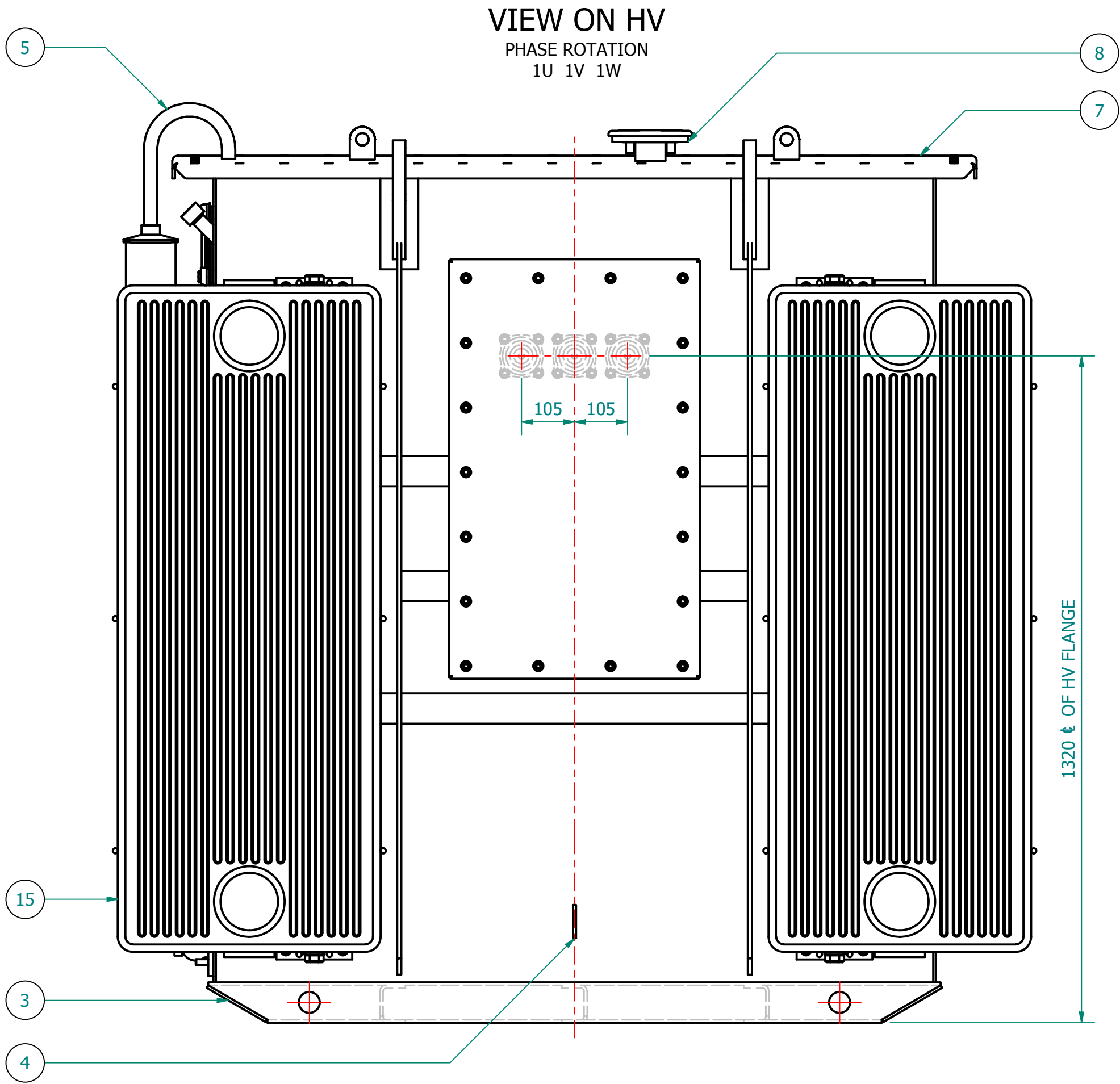




GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2800
TANK AND FITTING	kg	1420
COOLING LIQUID VOLUME	L	1110
COOLING LIQUID WEIGHT	kg	905
TOTAL TX WEIGHT	kg	5125
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	Kg	-

2000kVA 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 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	104.97A	2666.75A
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%	1305W	15000W	60°C	65°C	

- GENERAL NOTES
- ALL DIMENSIONS ARE IN 'mm'.
 - ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.
 - ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).
 - TOLERANCE ON IMPEDANCE PER IEC:60076.
 - PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4H SPEC.
 - O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.

ESSENTIAL LABELS

- ITEM 10 TAP CHANGER WARNING LABEL
- ITEM 6 COLD COOLANT LEVEL
- ITEM 2 LV WARNING LABEL
- ITEM 1 HV WARNING LABEL

HV TERMINAL DETAILS (01)

0 - 250A	A = M12	20 NM
251 - 400A	A = M16	25 NM

ITEM	QTY	DESCRIPTION
15	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 75 x 40P)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (5-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 - 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

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

LAST DEFINITION		LAST REVISION		REVISION DESCRIPTION		REV	00	PROJECT	DRAWING TITLE		WILSON POWER SOLUTIONS Ltd.	
ORIGINAL		DATE		25-JAN-2021		CUSTOMER		GENERAL ARRANGEMENT DRAWING FOR		Westland Square, Leeds,		
REV. BY: S. MALLETT		P.O. NUMBER				S.O. NUMBER		2000kVA WILSON T2 ECOTRANS		West Yorkshire LS11 5SS, United Kingdom		
VERIFIED:		W.O. NUMBER						11000/433V, 50Hz, Dyn11, ONAN/KNAN		Tel: +44 (0) 113 271 7588		
APPROVED:								AL WOUND DISTRIBUTION TRANSFORMER		Fax: +44 (0) 113 277 5124		
								LV CABINET		web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk		
REV		REV BY		VERIFIED		APPROVED		DESCRIPTION		DRAWN BY: S. MALLETT		
										DATE: 25/01/2021		
										DRG NO: WPS-T2-2000-AL-A003		