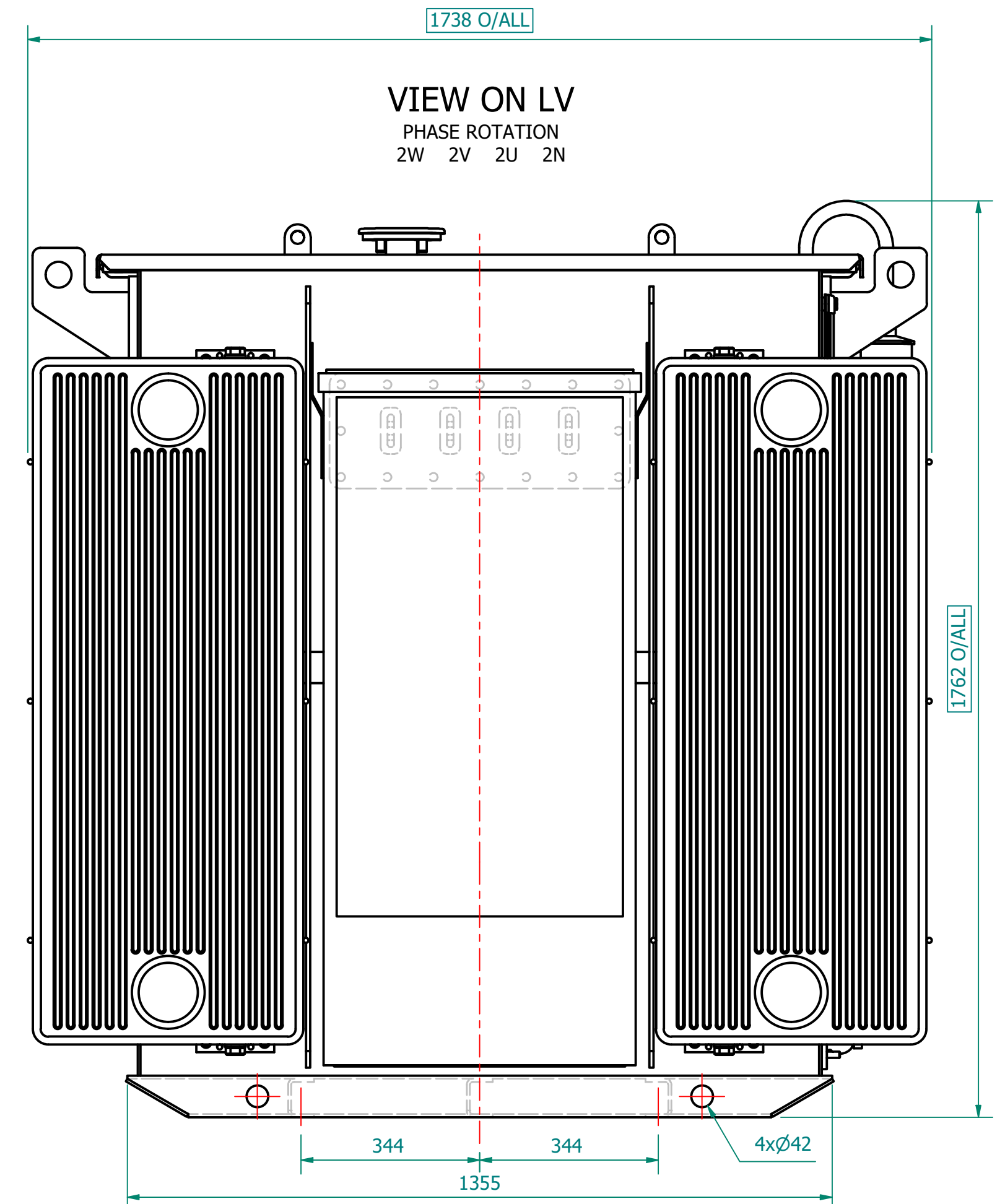
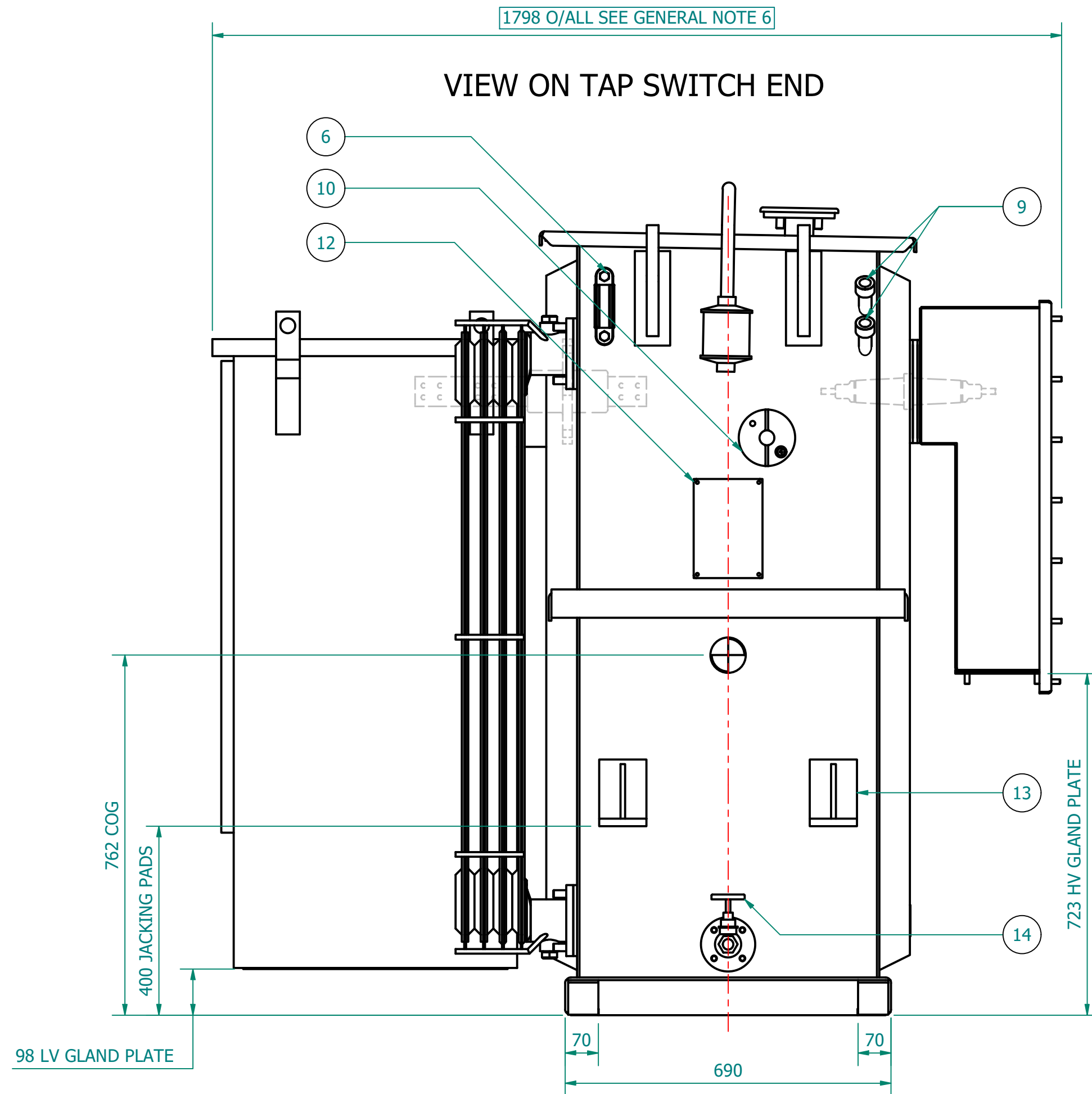
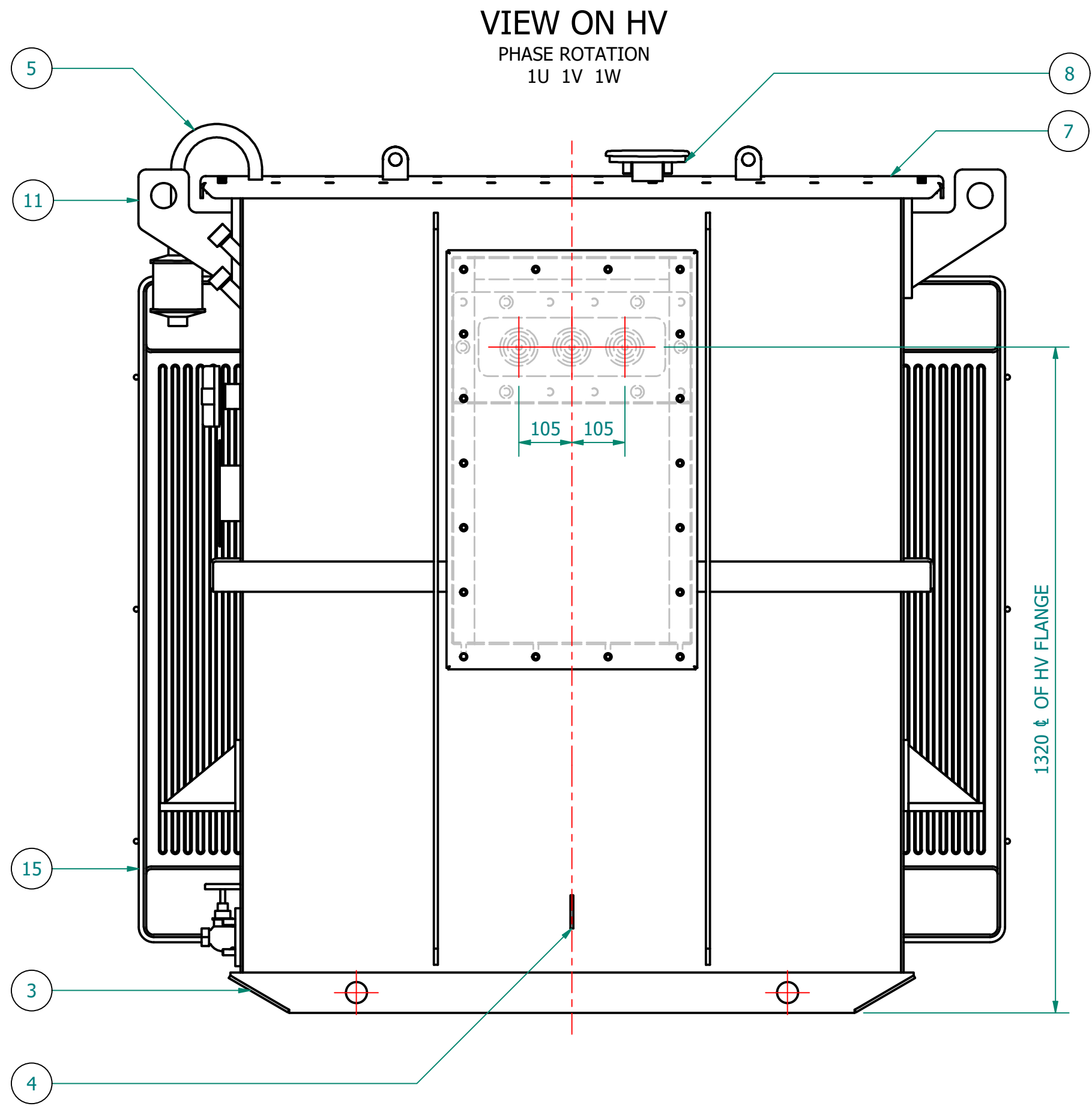
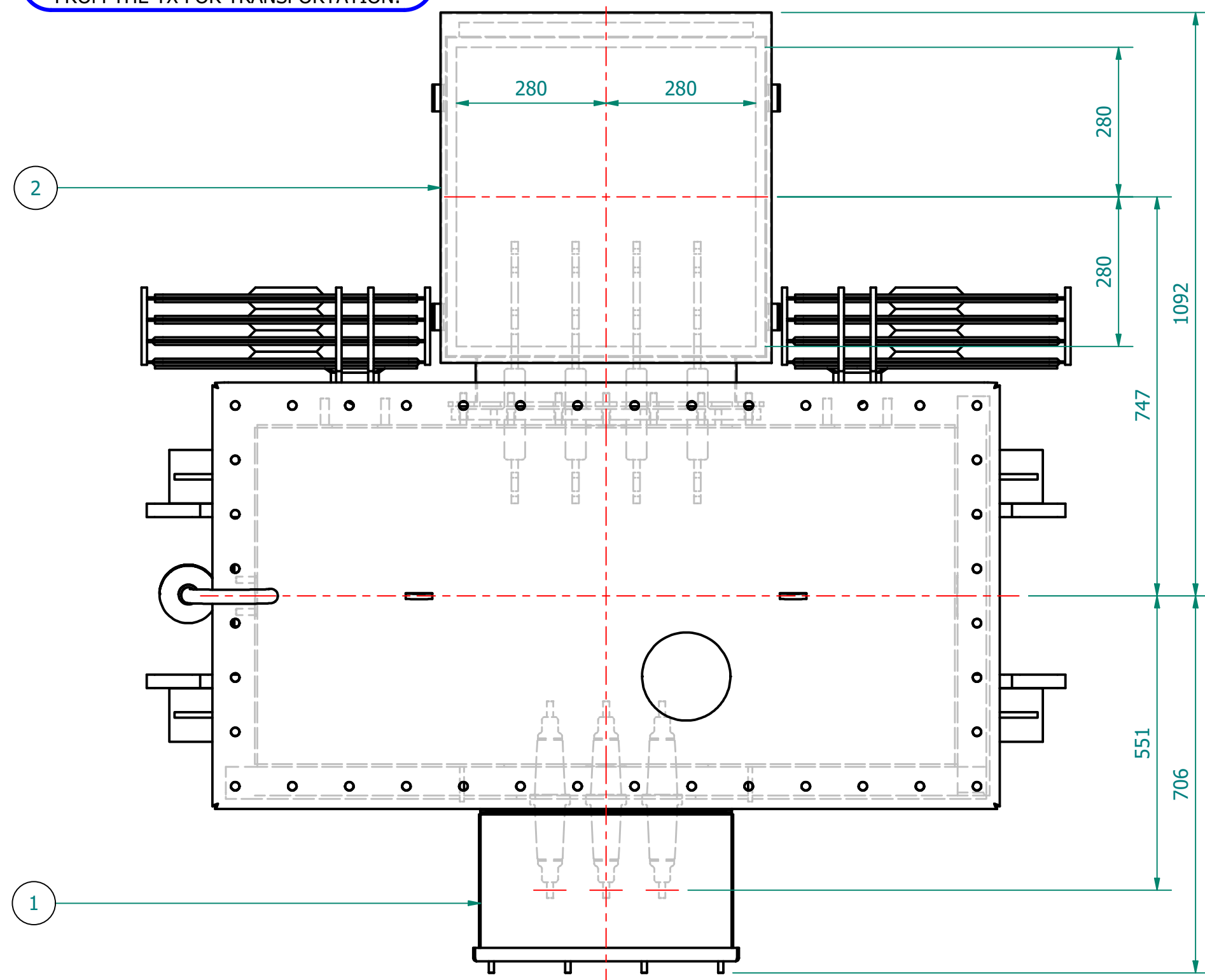


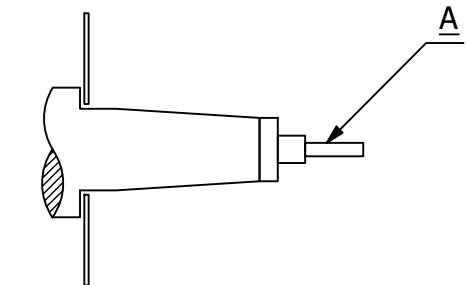
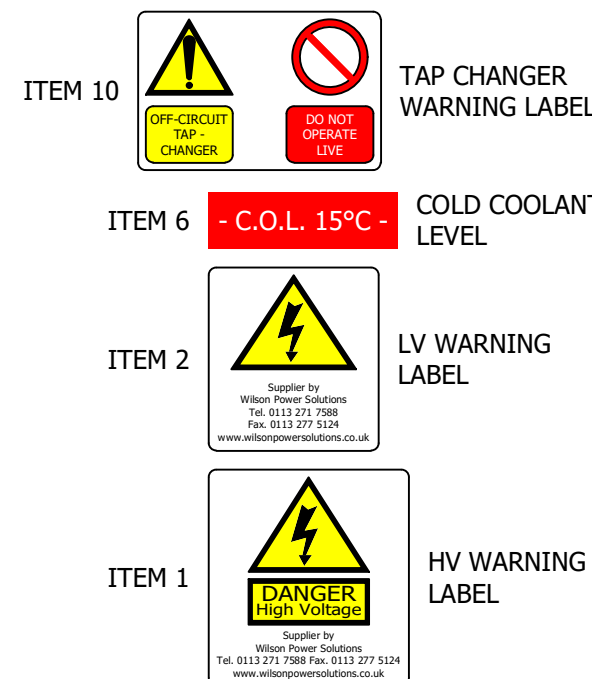


GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.

PLAN VIEW



ESSENTIAL LABELS



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



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	1850
TANK AND FITTING	kg	800
COOLING LIQUID VOLUME	L	800
COOLING LIQUID WEIGHT	kg	650
TOTAL TX WEIGHT	kg	3300
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	Kg	-

800kVA			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	41.989A	1066.698A
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%	585W	6000W	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 C4 SPEC.				
6	O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.				
7					
8					
9					

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	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 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 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		DESCRIPTION	
REV	REV BY	VERIFIED	APPROVED		

REVISION DESCRIPTION		REV	PROJECT
ORIGINAL		00	CUSTOMER
			S.O. NUMBER
			P.O. NUMBER
			W.O. NUMBER
REV. BY: M. STOTSJUK		DATE: 06-APR-2021	
VERIFIED:			
APPROVED:			

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 800kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET	

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DRAWN BY: M. STOTSJUK DATE: 06/04/2021 DRG NO: **WPS-T2-800-AL-003**