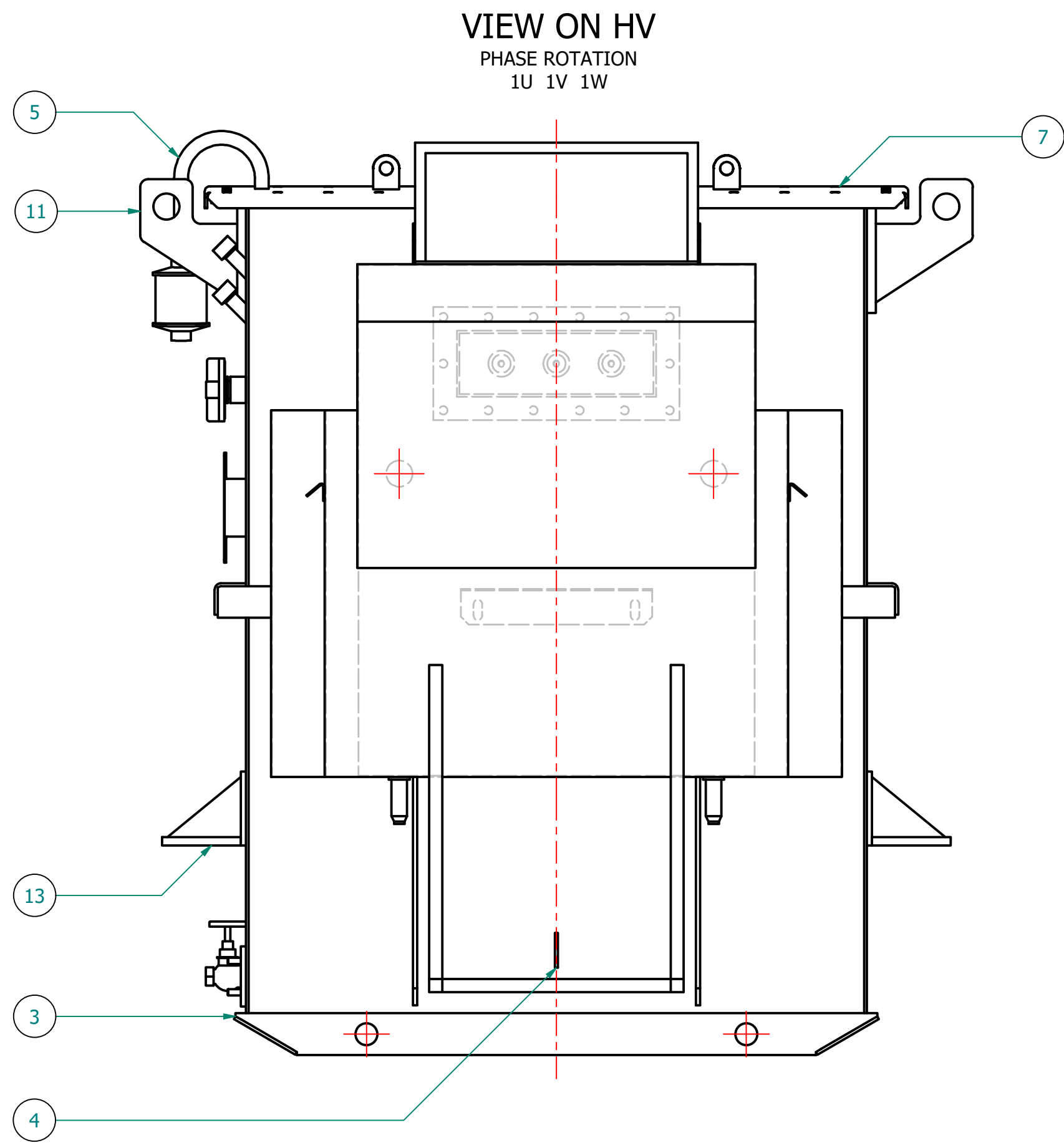
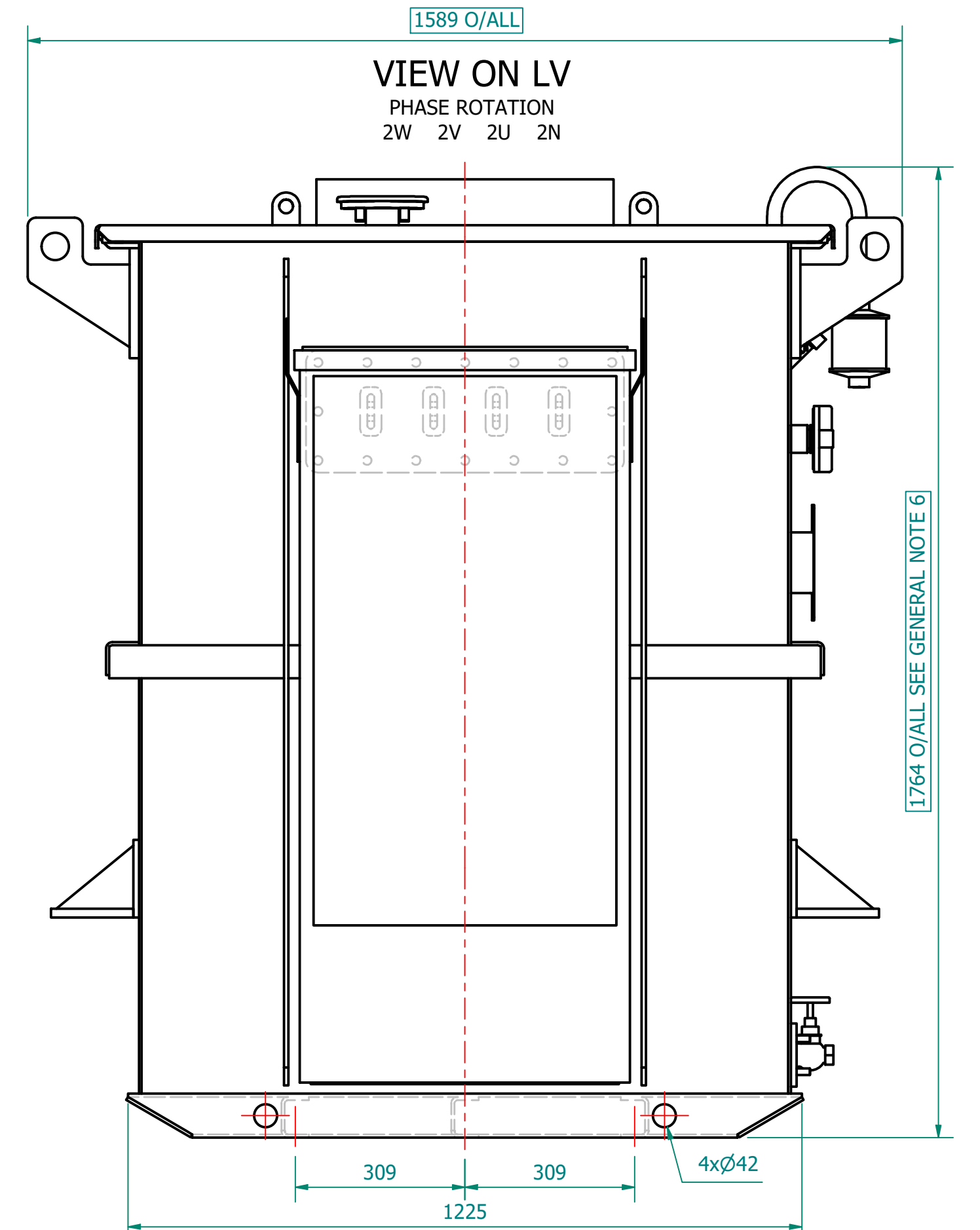
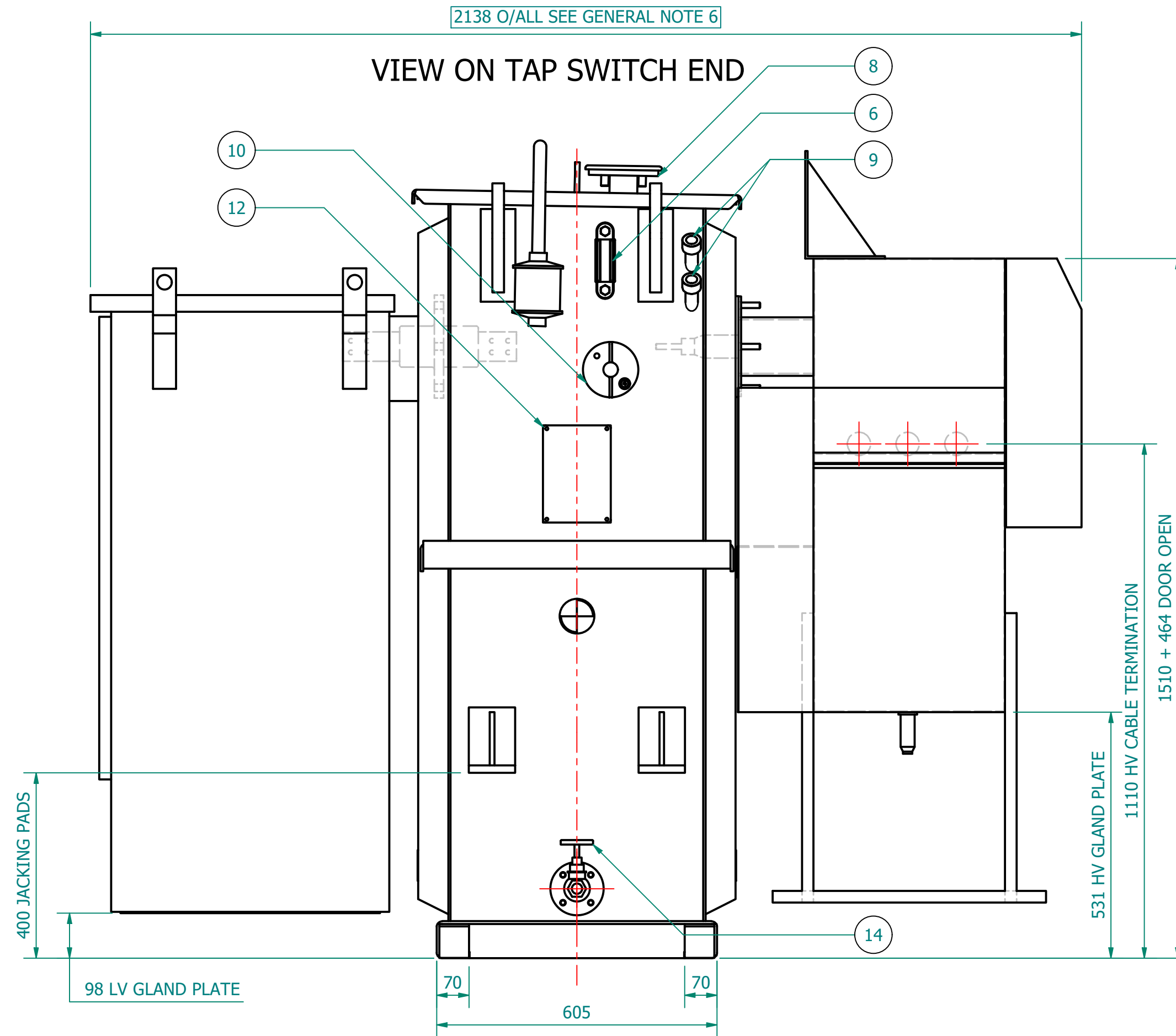
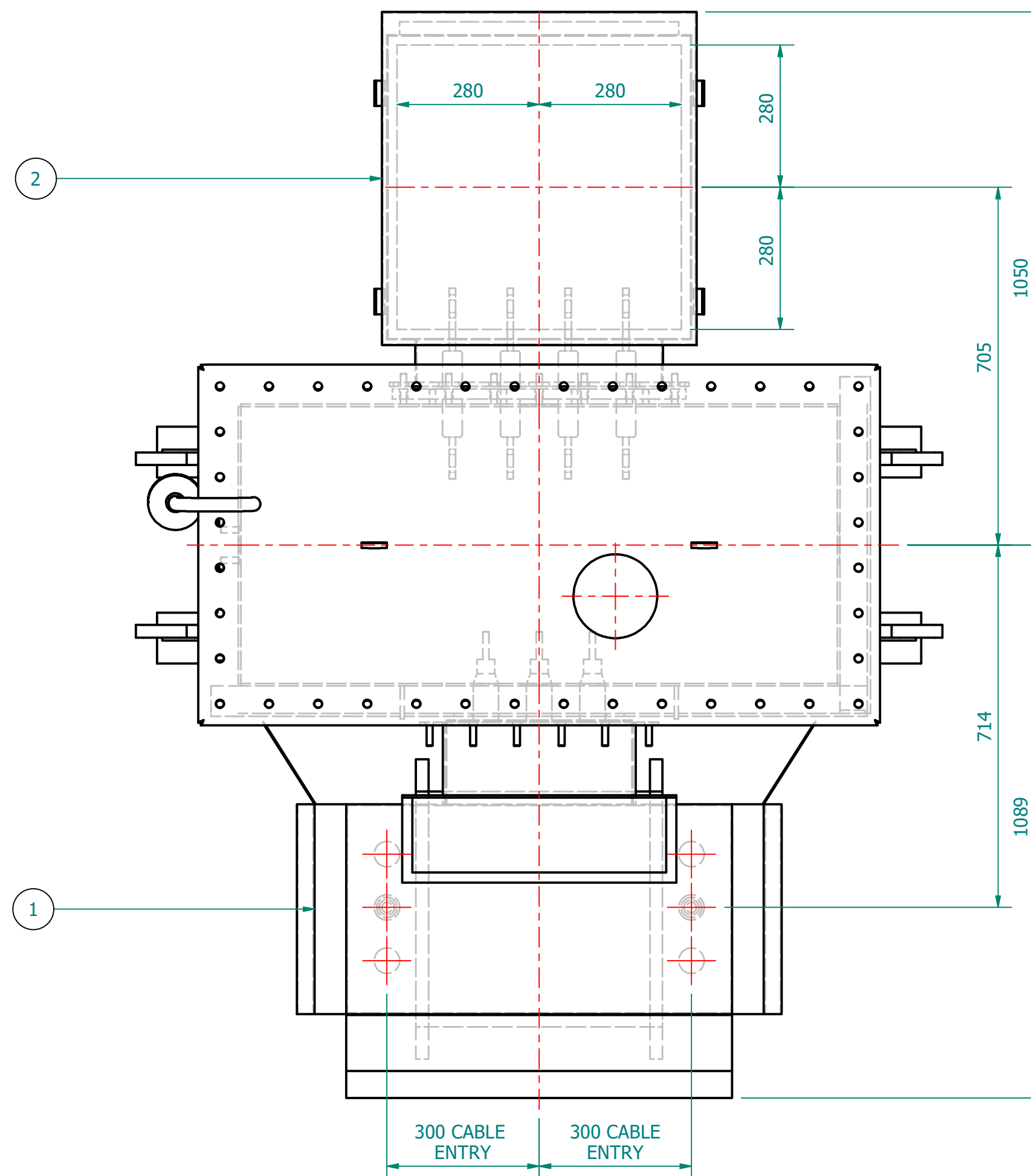




PLAN VIEW



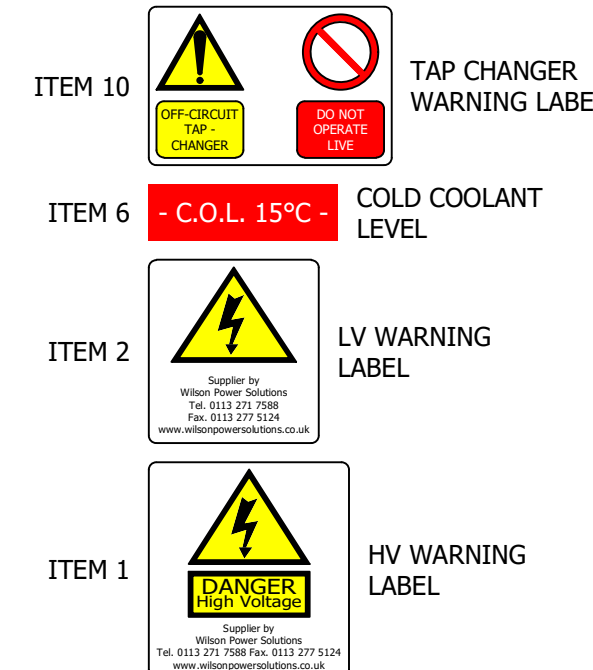
GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	960
TANK AND FITTING	kg	580
COOLING LIQUID VOLUME	L	685
COOLING LIQUID WEIGHT	kg	560
TOTAL TX WEIGHT	kg	2100
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	kg	385
LV UNIT	kg	--

315KVA		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	16.533A	420.012A
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%	324W	2800W	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 DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.				
7					
8					
9					

ESSENTIAL LABELS



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 RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-Tx/21] x PROTECTION, (FACING-'E' BS:2562)
ITEM	QTY	DESCRIPTION
PARTS LIST		

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
		DATE	S.O. NUMBER
		28-NOV-2025	P.O. NUMBER
REV. BY: RAMESH J			W.O. NUMBER
VERIFIED:			
APPROVED:			

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 315kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN AL WOUND DISTRIBUTION TRANSFORMER RN2d & LV CABINET	

		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	
DRAWN BY: RAMESH J	DATE: 28/11/2025	DRG NO: WPS-T2-315-AL-GA-007	