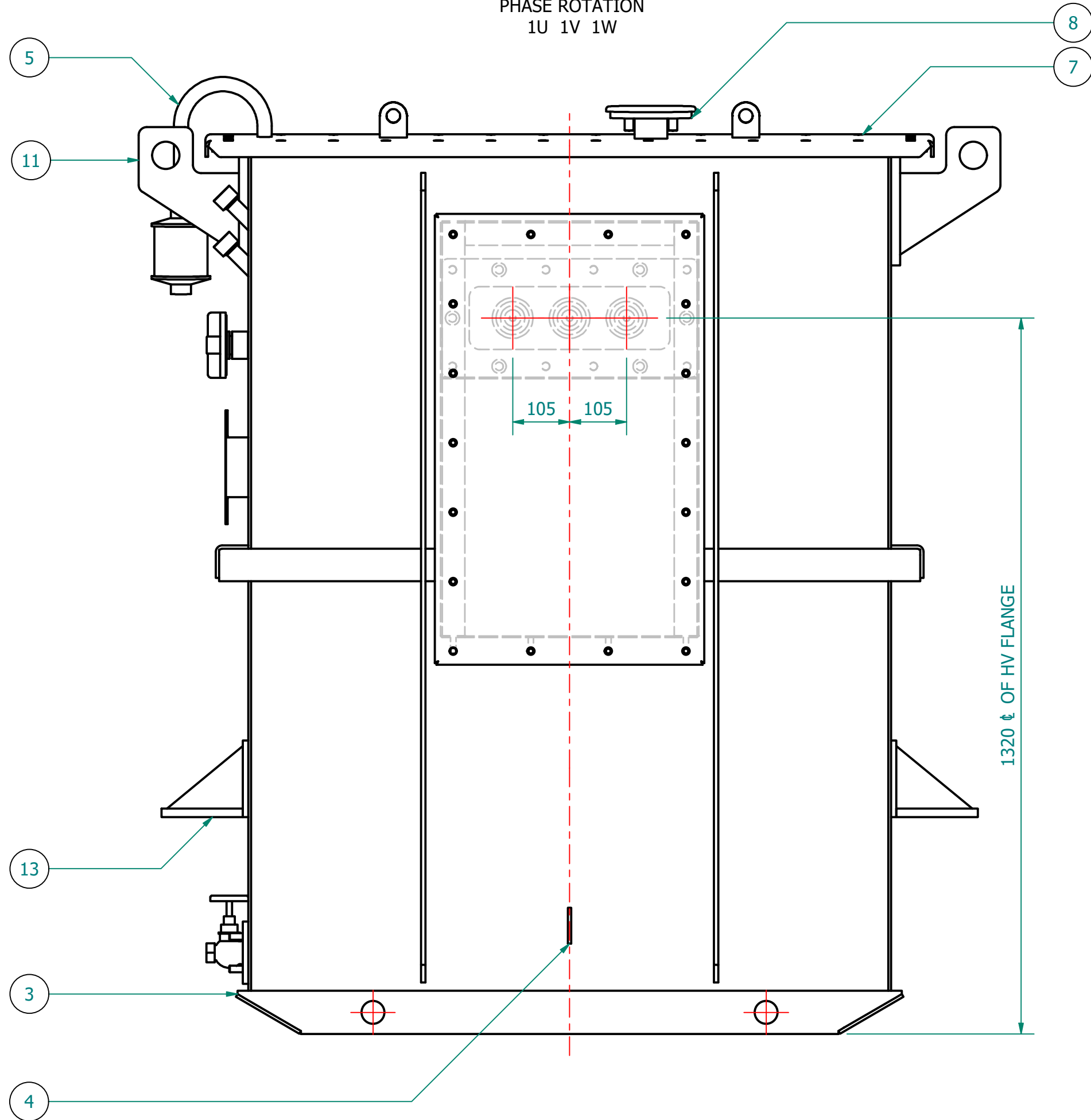
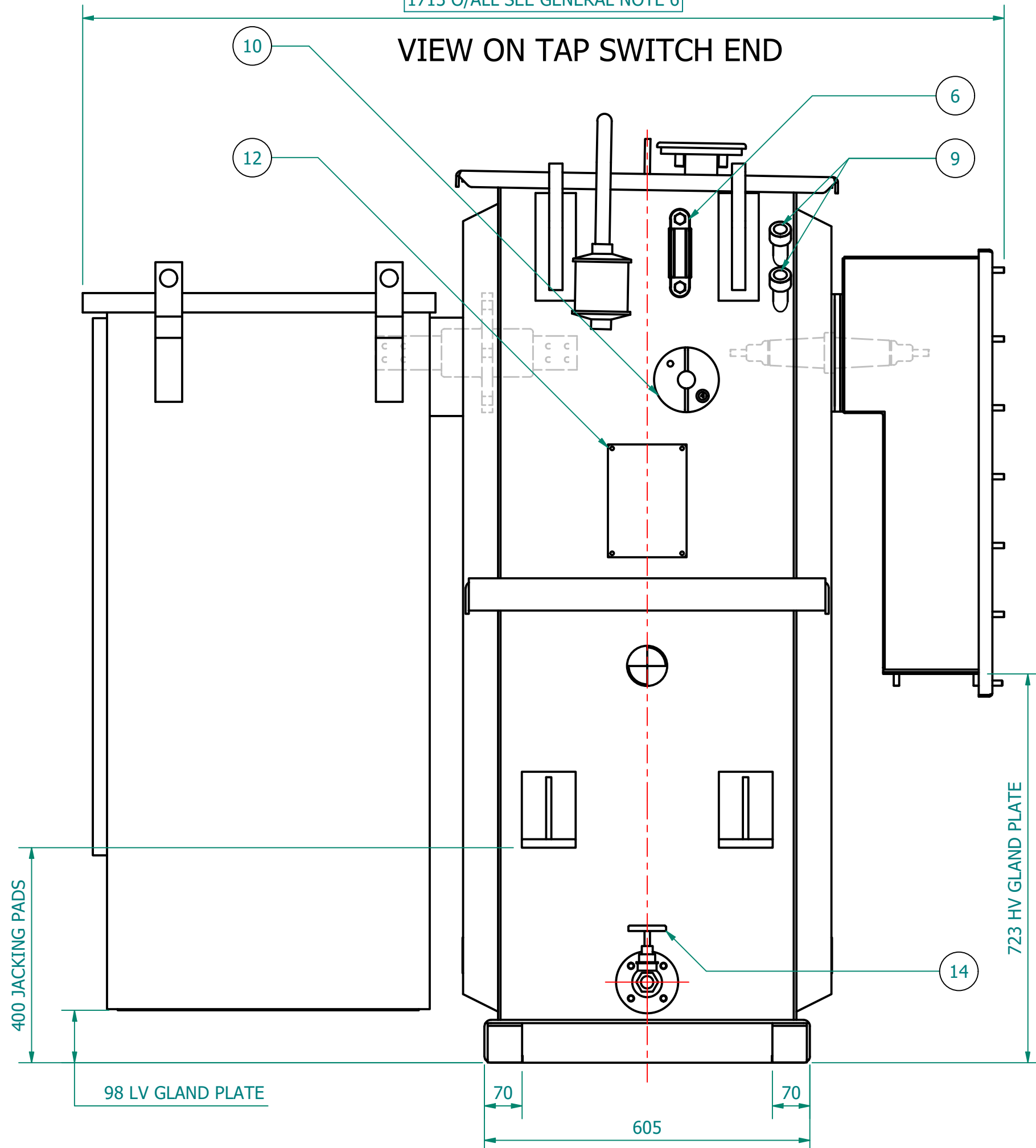


VIEW ON HV
PHASE ROTATION
1U 1V 1W



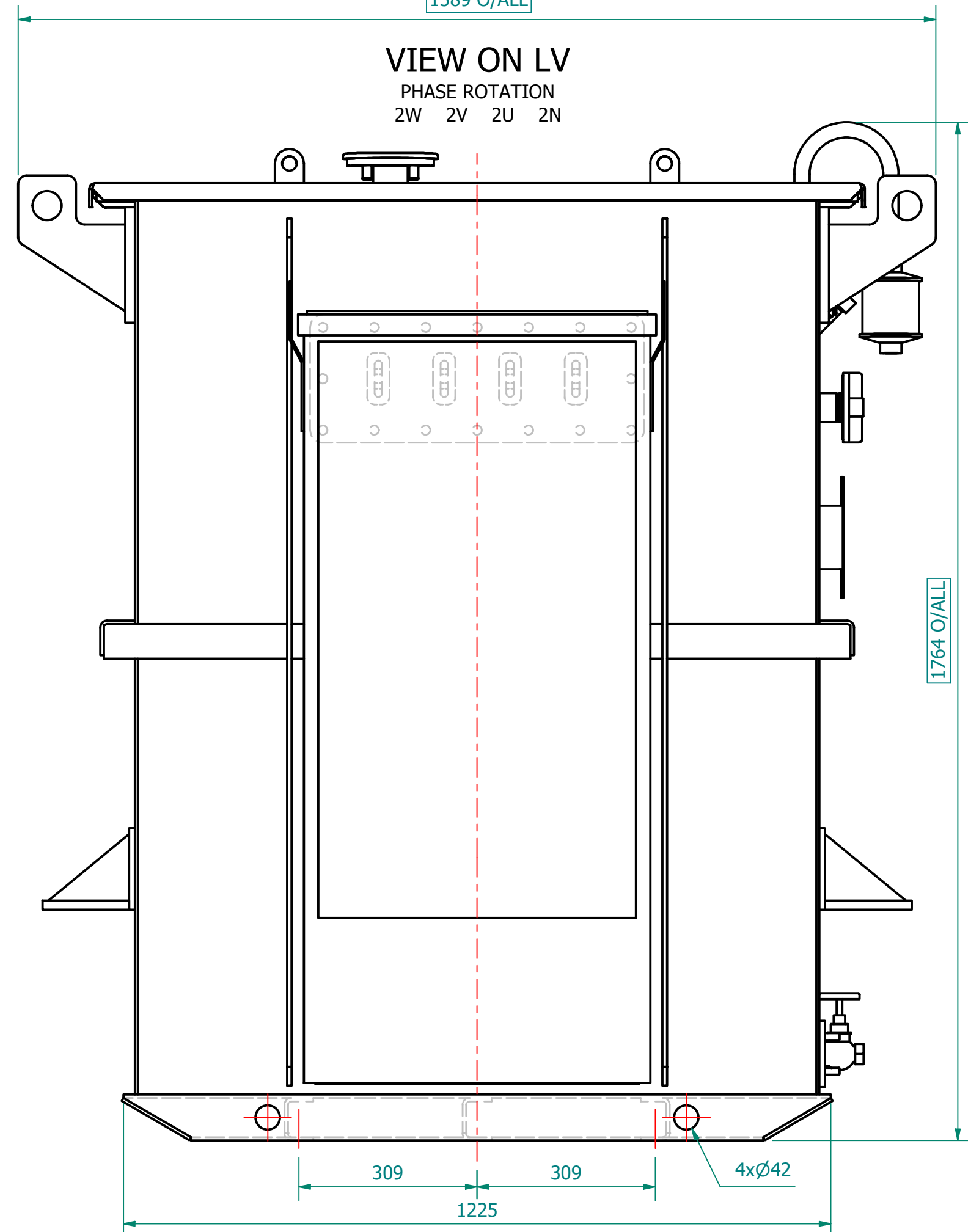
1713 O/ALL SEE GENERAL NOTE 6

VIEW ON TAP SWITCH END

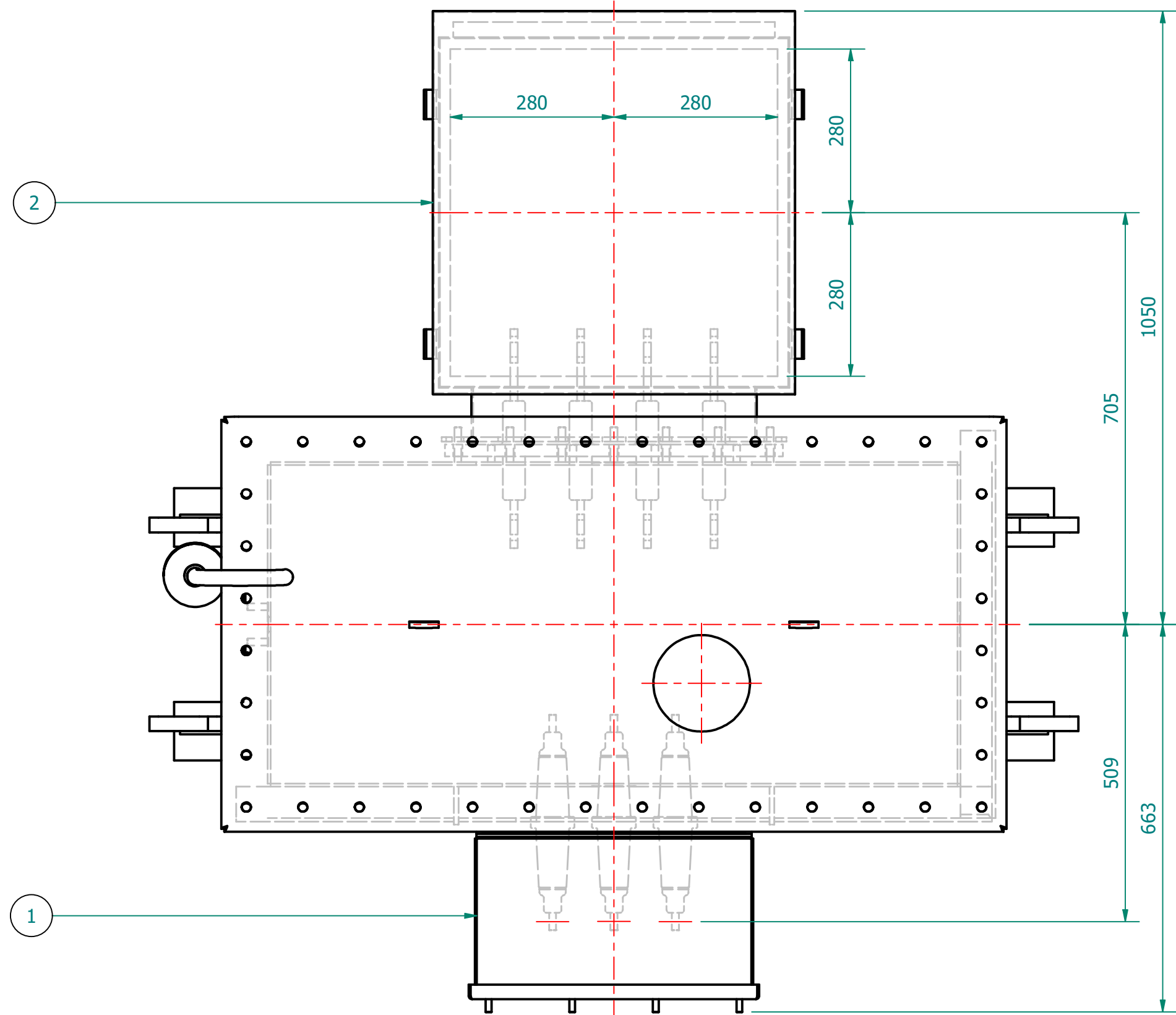


1589 O/ALL

VIEW ON LV
PHASE ROTATION
2W 2V 2U 2N



PLAN VIEW



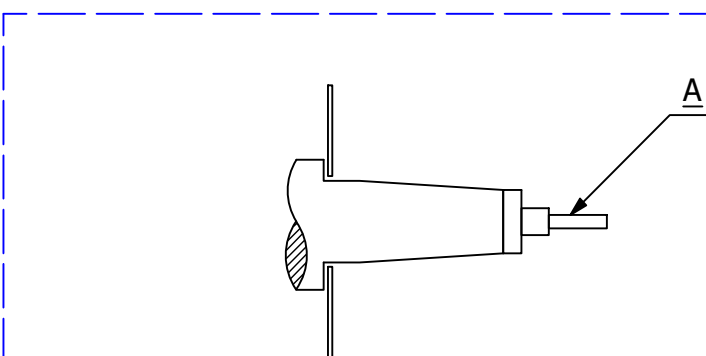
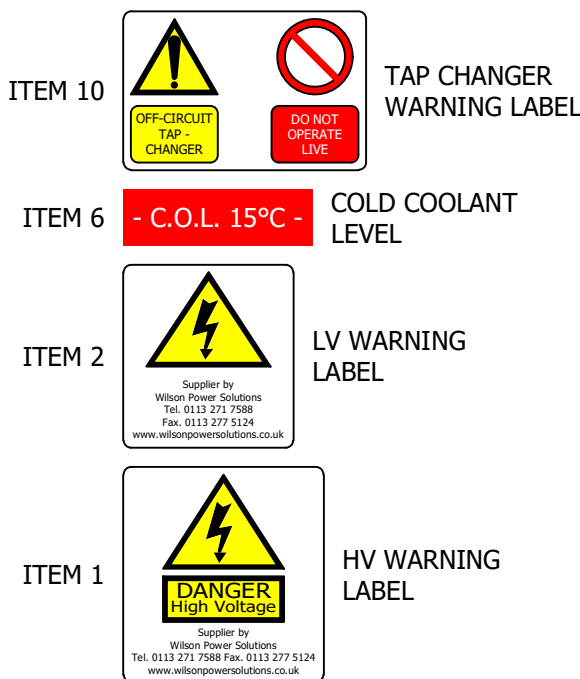
GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



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		
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



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

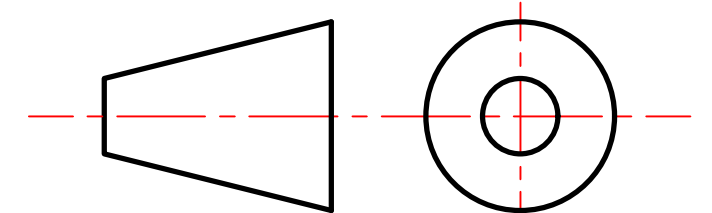
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (5-Position & Padlockable)
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	OIL FILLING PIPE WITH FLANGED COVER
7	1	TOP COVER with LIFTING LUGS (x2)
6	1	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
ITEM	QTY	DESCRIPTION

PARTS LIST

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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-003**

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



BASED ON:

LAST DEFINITION

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

LAST REVISION

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

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

DATE	
27-NOV-2025	

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