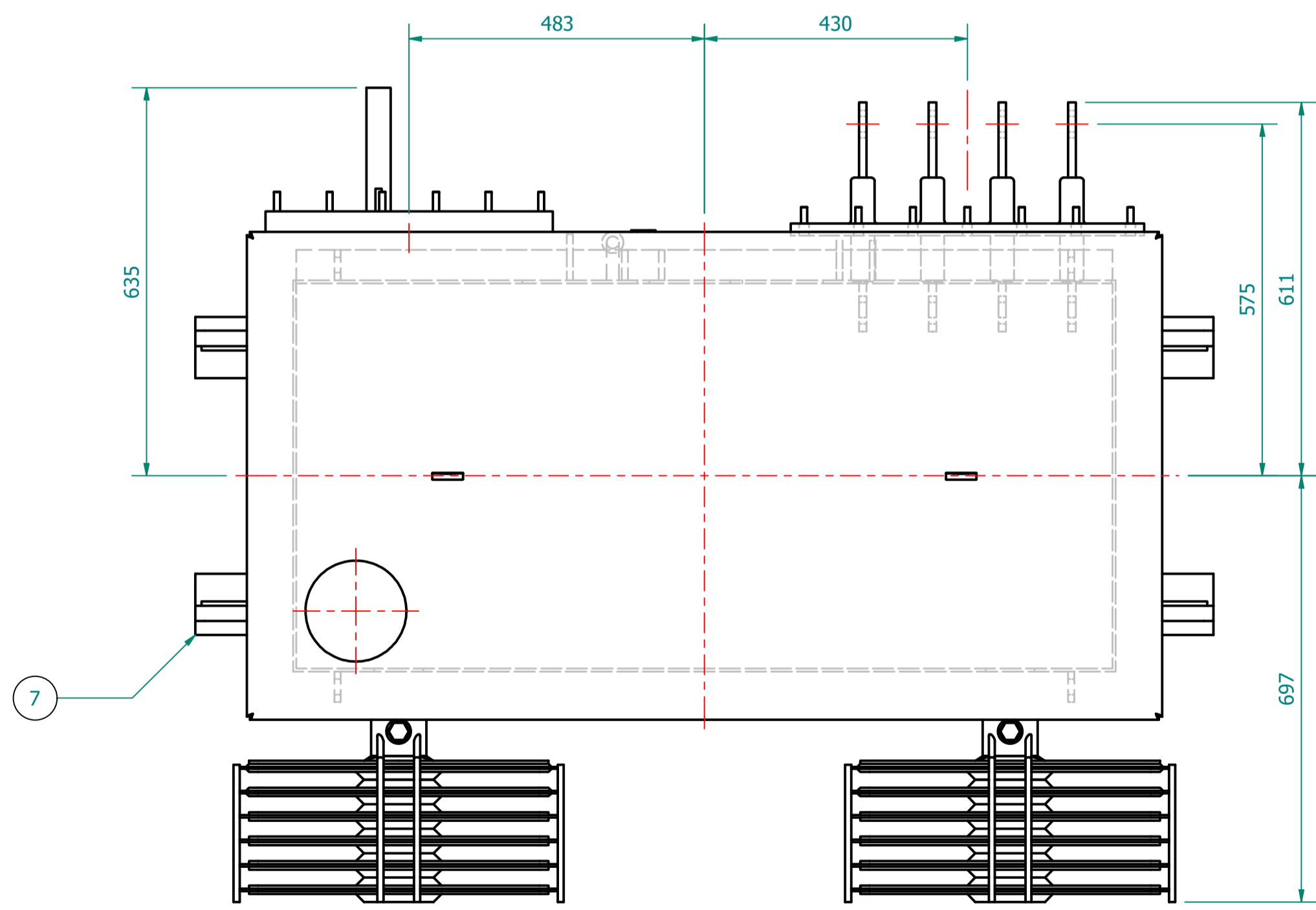
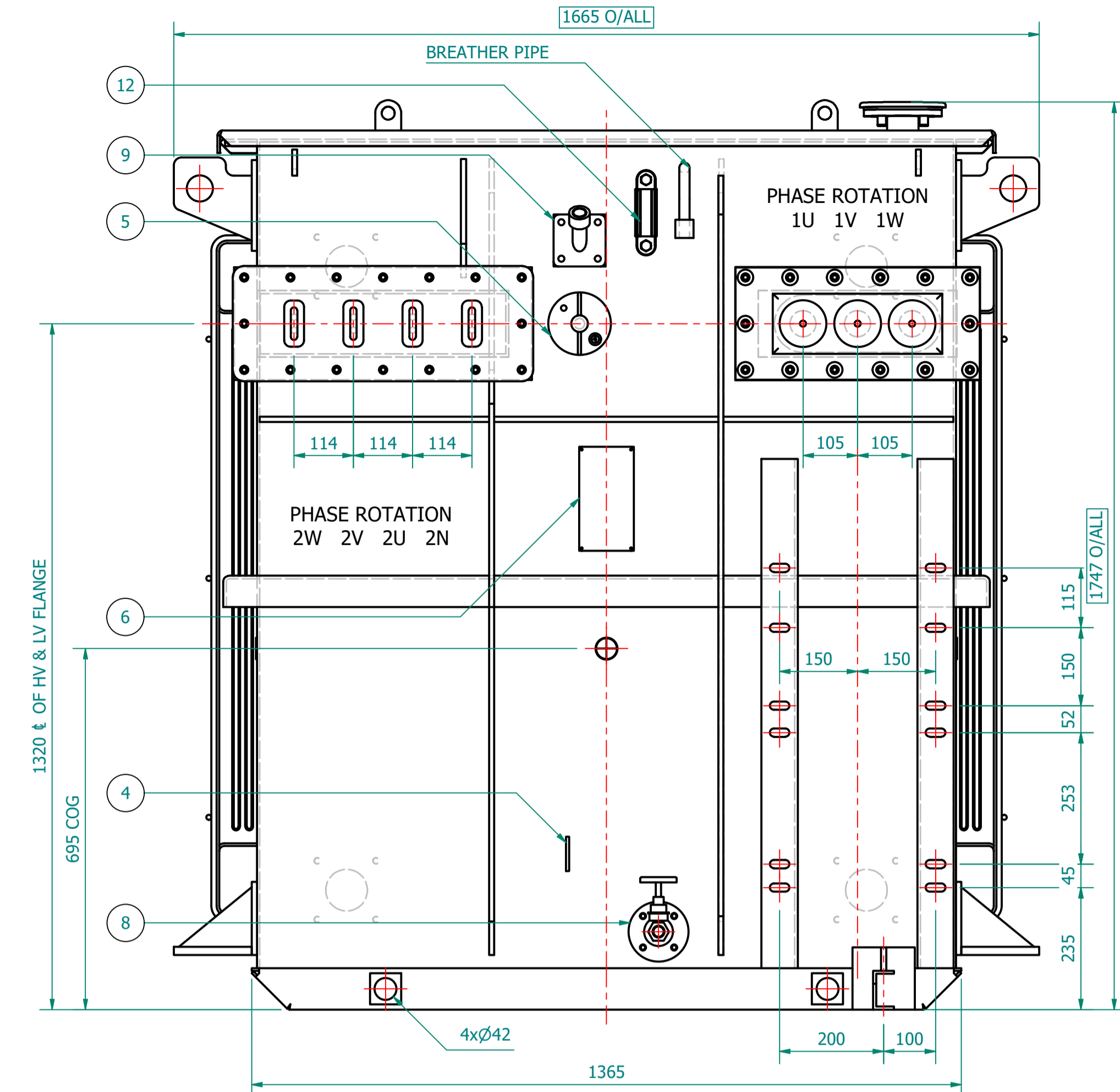
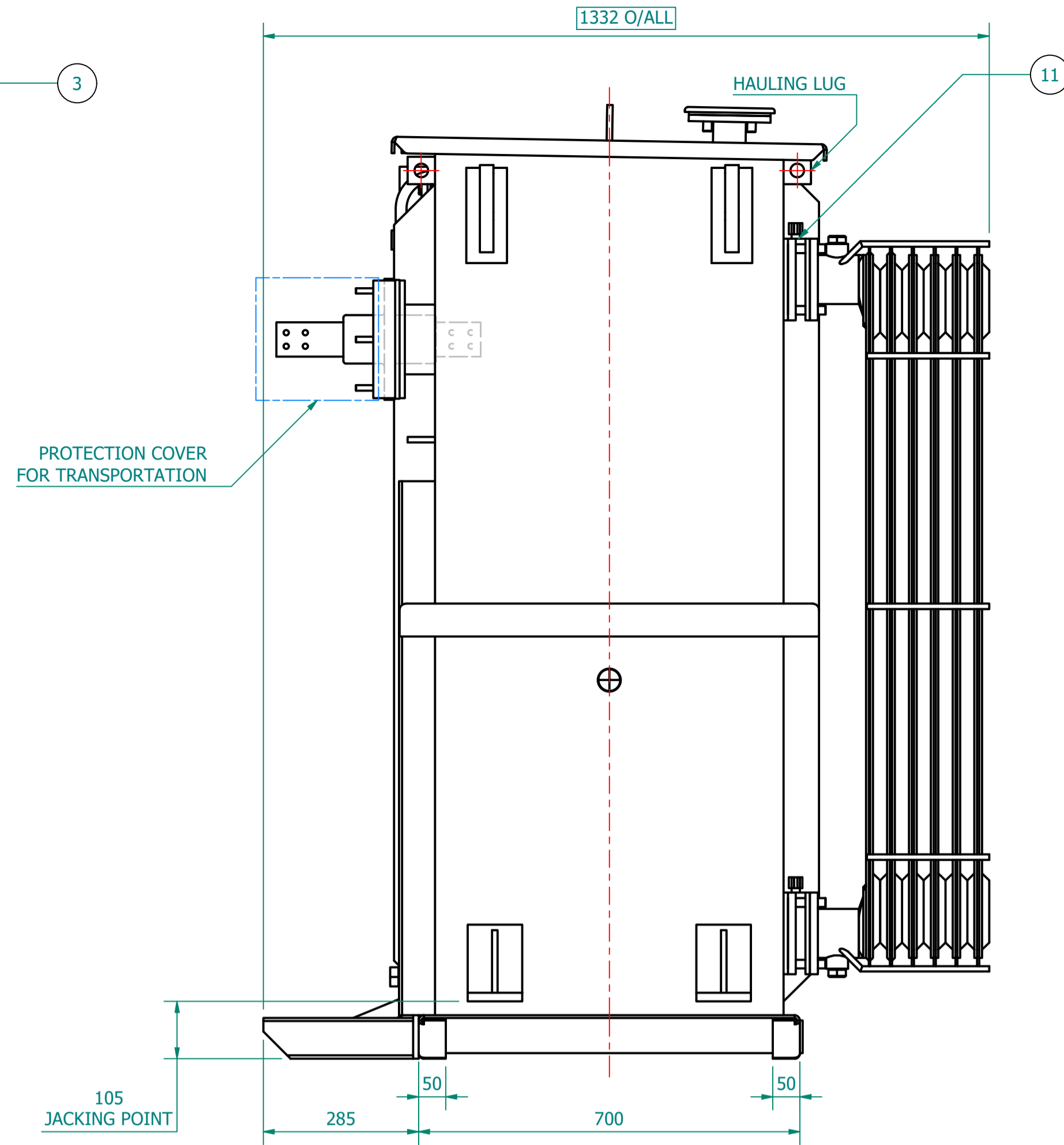


PLAN VIEW



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	1790
TANK AND FITTING	kg	1160
COOLING LIQUID VOLUME	L	854
COOLING LIQUID WEIGHT	kg	700
TOTAL TX WEIGHT	kg	3650

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 / 433V	+5 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	52.49A	1333.37A
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%	693W	7600W	60°C	65°C	

ITEM	QTY	DESCRIPTION
13	4	TRANSFORMER LIFTING LUGS
12	1	OIL LEVEL GAUGE (with 15°) COLD OIL LEVEL MARK
11	4	RADIATOR VALVE
10	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 65 x 40P)
9	1	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	DRAIN VALVE (25NB) with MALE PLUG
7	4	JACKING PADS
6	1	RATING & DIAGRAM PLATE (SS)
5	1	DE-ENERGIZE TAP CHANGER (5-Position & Padlockable)
4	1	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TOP COVER with LIFTING LUGS (x2)
2	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES
1	1	OIL FILLING PIPE WITH FLANGED COVER

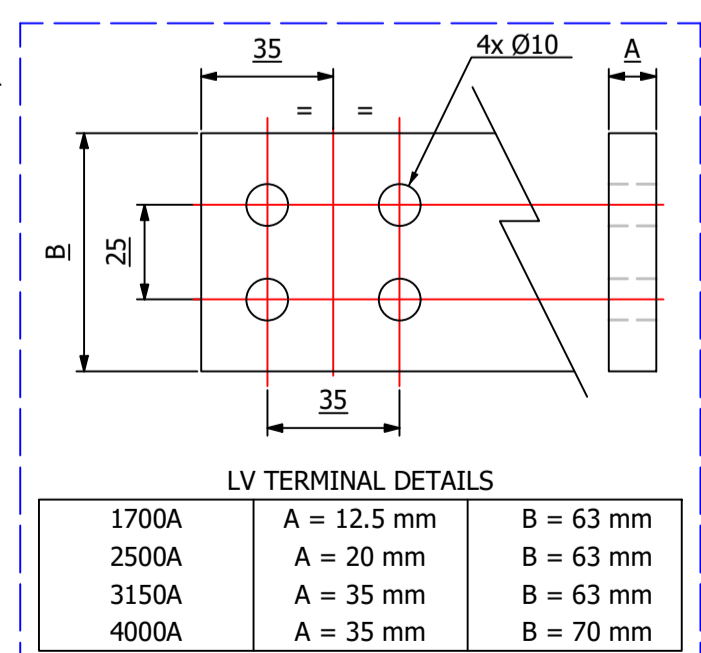
ESSENTIAL LABELS

ITEM 7 OFF-CIRCUIT TAP CHANGER TAP CHANGER WARNING LABEL

ITEM 4 C.O.L. 15°C COLD COOLANT LEVEL

LV WARNING LABEL

HV WARNING LABEL



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.: RAL7033 TO ISO12944 - MIN C4 SPEC.

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

MANUFACTURED BY: TOSHIBA TRANSFORMER

REV	REV BY	VERIFIED	APPROVED	DESCRIPTION	REV	PROJECT	DRAWING TITLE	SUPPLIED BY:
00					00	GENERAL ARRANGEMENT DRAWING FOR d2, 1000kVA	Wilson Power Solutions Ltd.	
	J. NOVO					11000/433V, 50Hz, Dyn11, ONAN	Westland Square, Leeds, West Yorkshire LS11 5SS, United Kingdom	
						AL WOUND UNIT TYPE TRANSFORMER	Tel: +44 (0) 113 271 7588	
							Fax: +44 (0) 113 277 5124	
							web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk	
							DRG NO: WPS-d2-UKPN-1000-AL-U001	