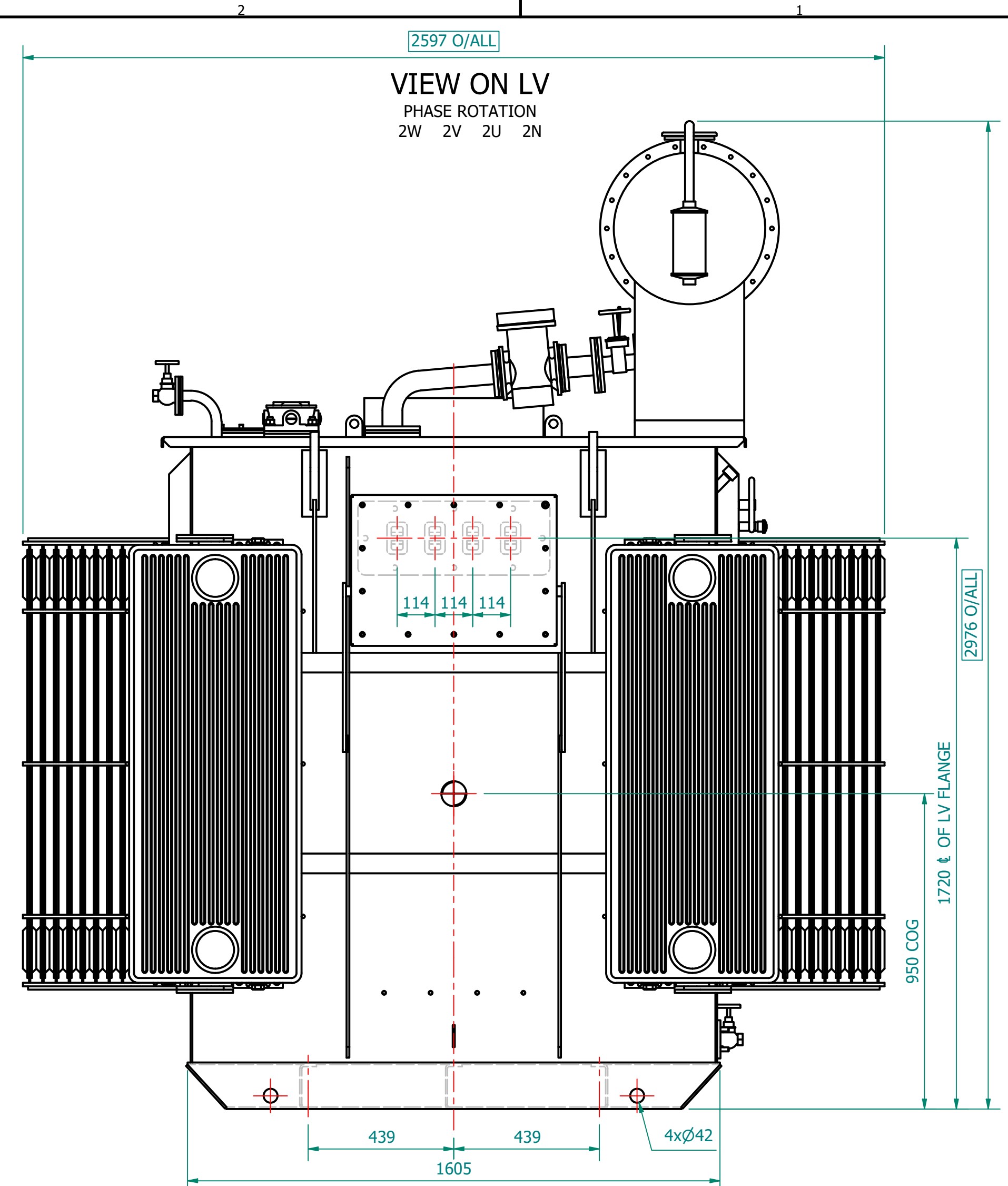
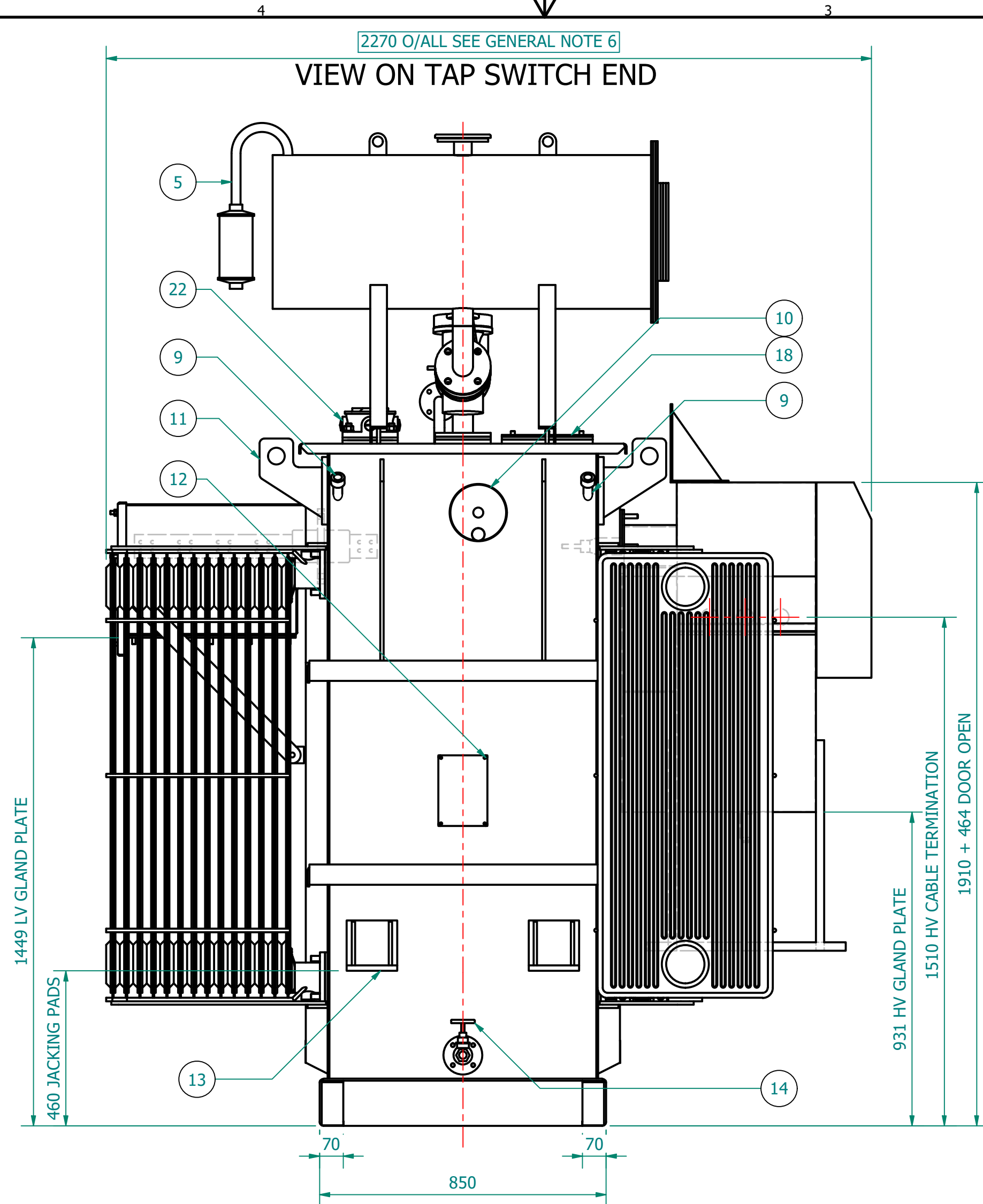
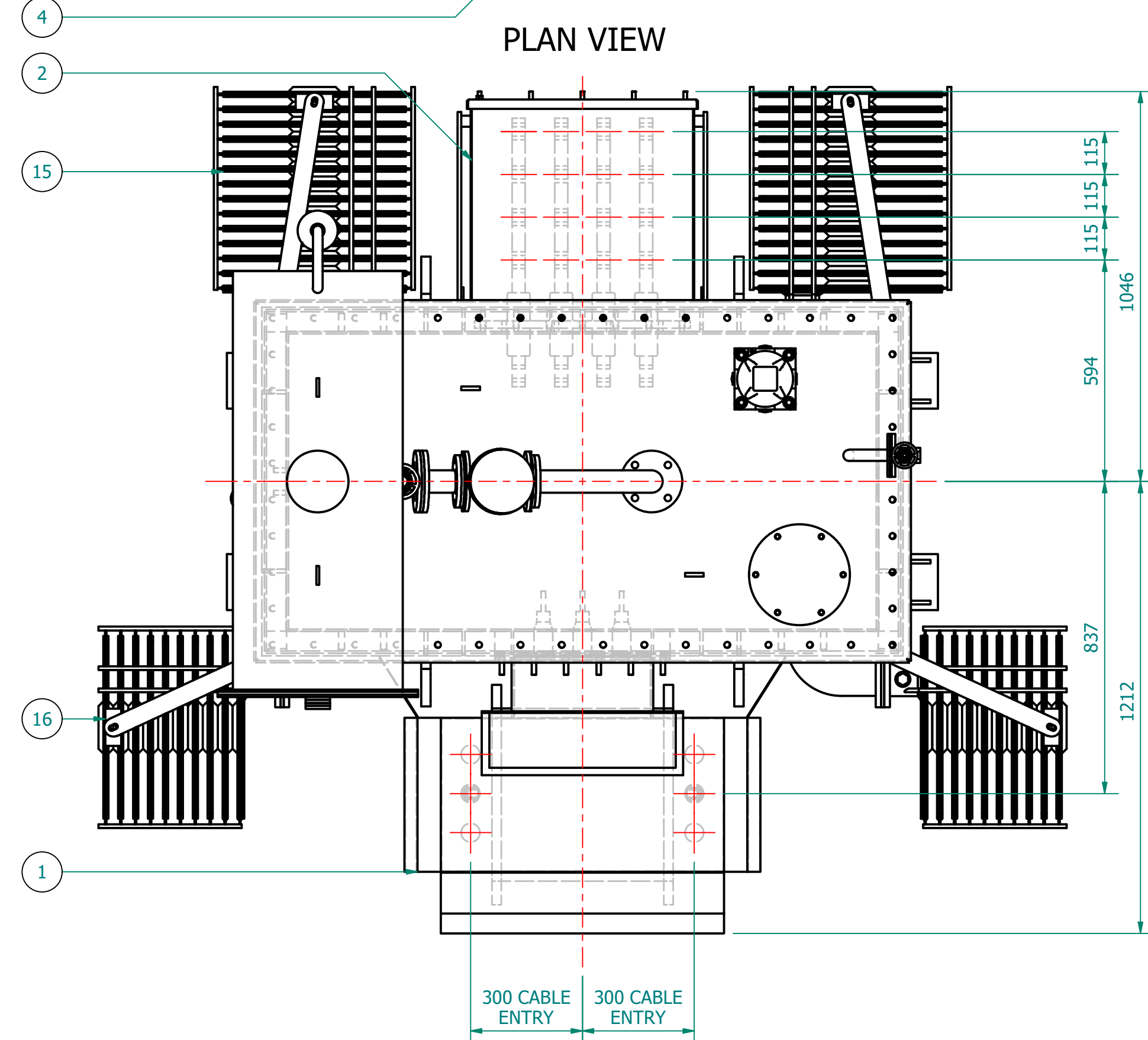
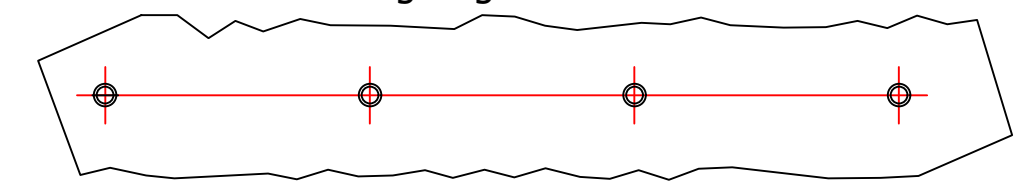




VIEW OF LV SIDE - CABLE CLEAT STUDS
CABLES MUST BE SUPPORTED IN ACCORDANCE WITH
CURRENT IET Wiring Regulations BS7671 & IEC 61914



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	4040
TANK AND FITTING	kg	1900
COOLING LIQUID VOLUME	L	1790
COOLING LIQUID WEIGHT	kg	1460
TOTAL TX WEIGHT	kg	7400
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385

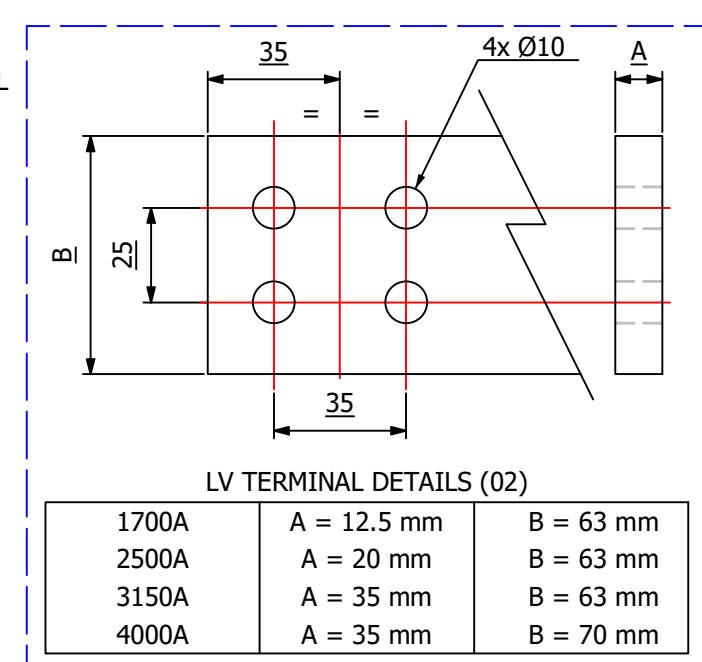
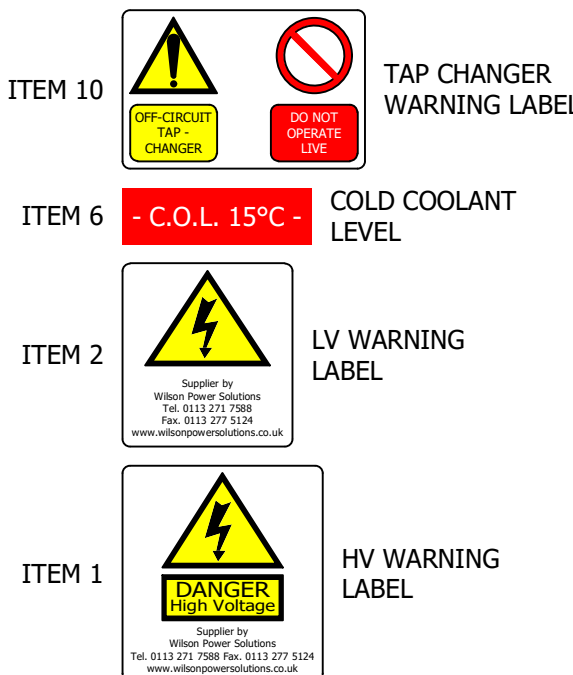


3000kVA ELECTRICAL RATINGS					
No Load Voltage Ratio at Normal Tap	HV Tappings	Vector Group	Frequency	Full-Load Current at Normal Tap	
				HV Side	LV Side
11000 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	157.459A	4000.117A
Design Impedance at Normal Tap	No Load Losses at rated Voltage & Frequency	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%	1886W	21961W	60°C	65°C	

GENERAL NOTES	
1	ALL DIMENSIONS ARE IN 'mm'.
2	ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO $\pm 10\%$ 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	EXTENDED ELBOWS FITTED TO HV SIDE.
8	
9	

22	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
21	1	DETACHABLE CONSERVATOR WITH OIL LEVEL INDICATOR
20	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
19	1	SHUT OFF VALVE FOR CONSERVATOR
18	1	PROVISION FOR PRESSURE RELIEF DEVICE
17	1	OIL FILLING VALVE WITH ONE SIDE FLANGED & PLUG
16	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 10S x 40P)
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 14S 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 R1
4	2	EARTHING TERMINAL (FLAT TYPE suitable for M12 Bolt)
3	1	TRANSFORMER BASE (SKID TYPE) c/w HAULAGE HOLES & BRACING
2	1	LV CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 4 x 1c CABLES PER PHASE & N - MAX. 630mm.sq
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-Tx/21] x PROTECTION, (FACING-'E' BS:2562)
ITEM	QTY	DESCRIPTION

ESSENTIAL LABELS



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

	LAST DEFINITION					
BASÉD ON:		REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

LAST REVISION	REVISION DESCRIPTION		REV	PROJECT	
	ORIGINAL		00	CUSTOMER	
				S.O. NUMBER	
			DATE		
	REV. BY:	M. STOTSJUK	22-AUG-2021	P.O. NUMBER	
	VERIFIED:			W.O. NUMBER	
APPROVED:					

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 3000kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER RN2d	

 WILSON POWER SOLUTIONS		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: M. STOTSJUK	DATE: 22/08/2021	DRG NO: WPS-T2-3000-AL-A006	