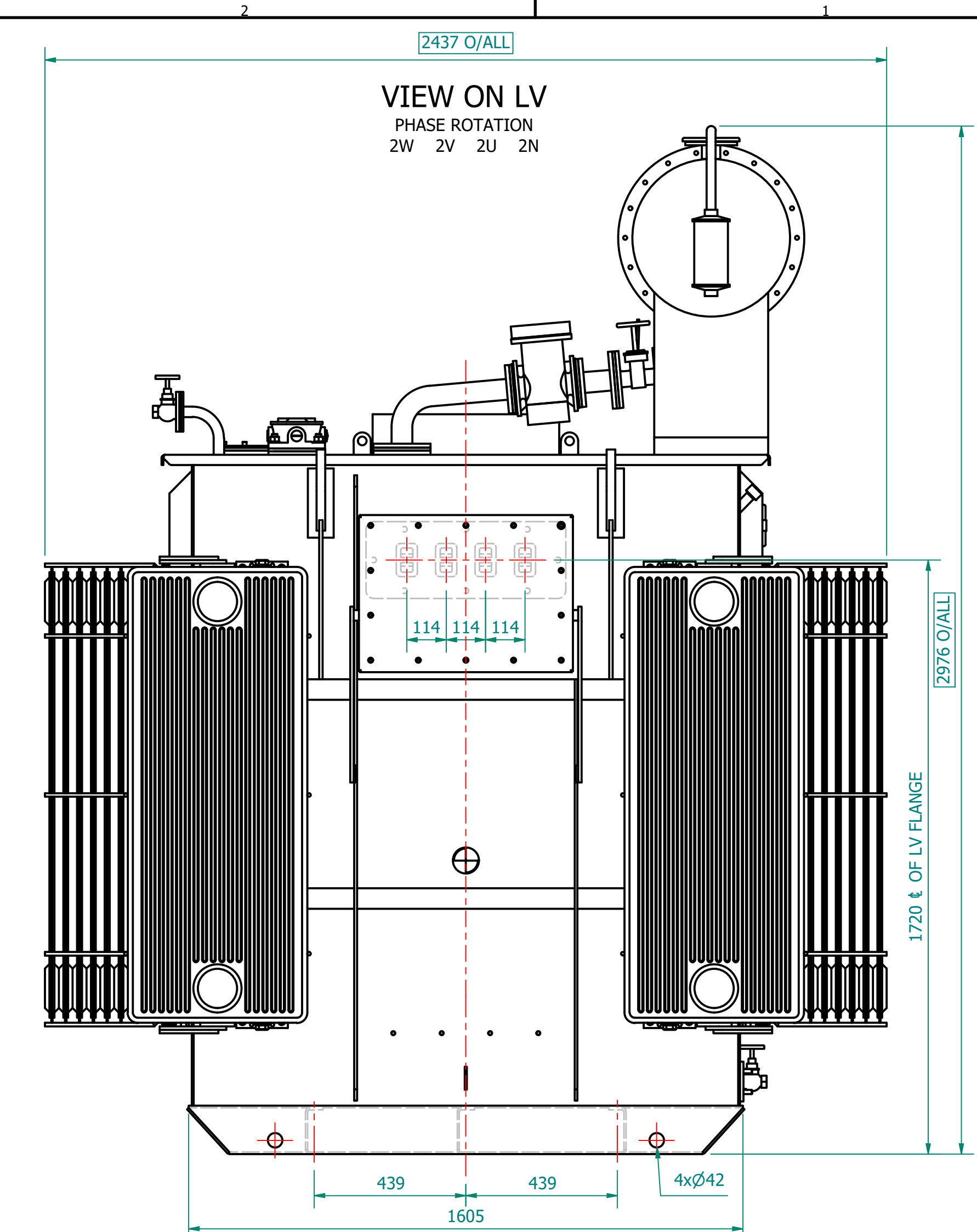
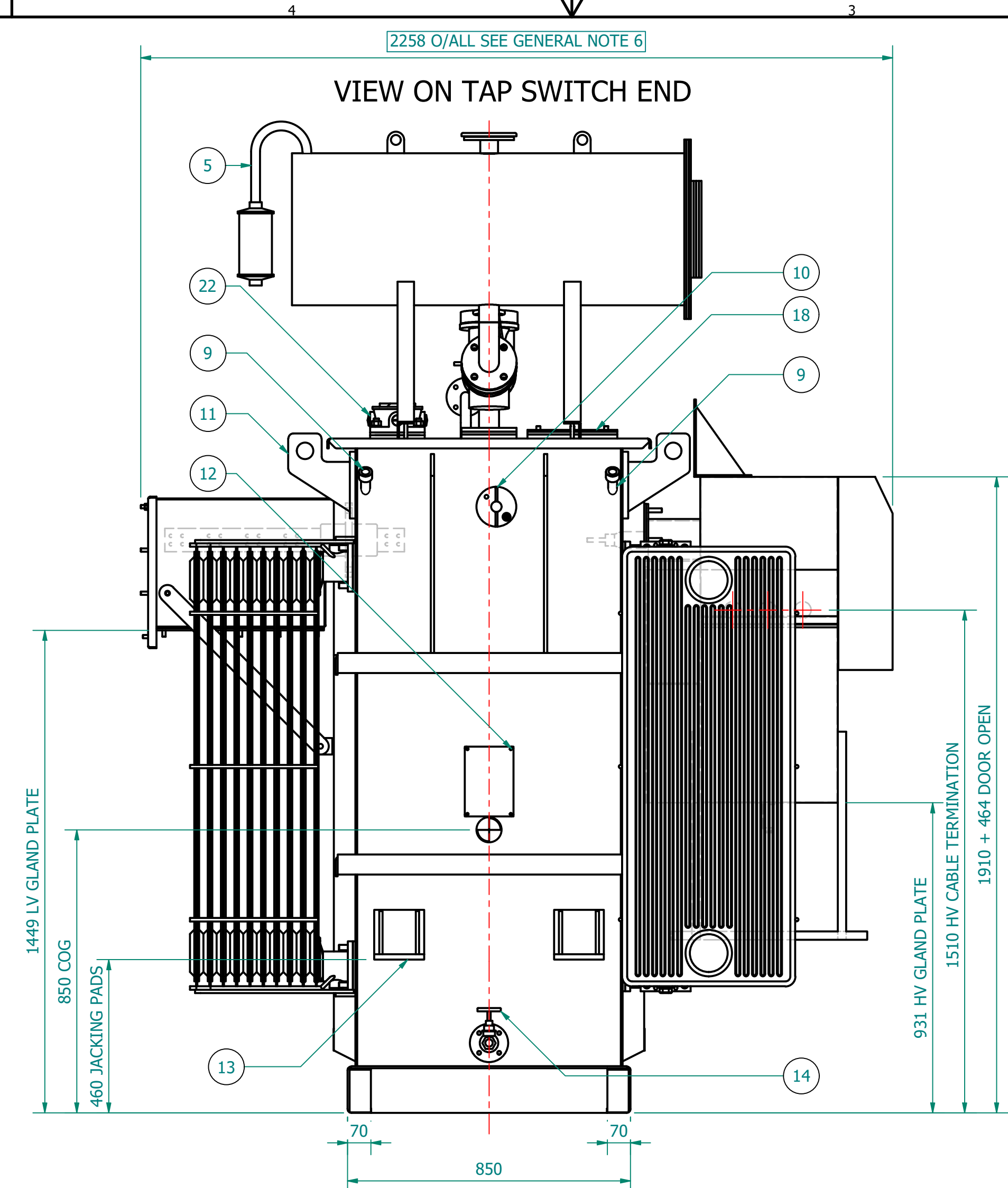
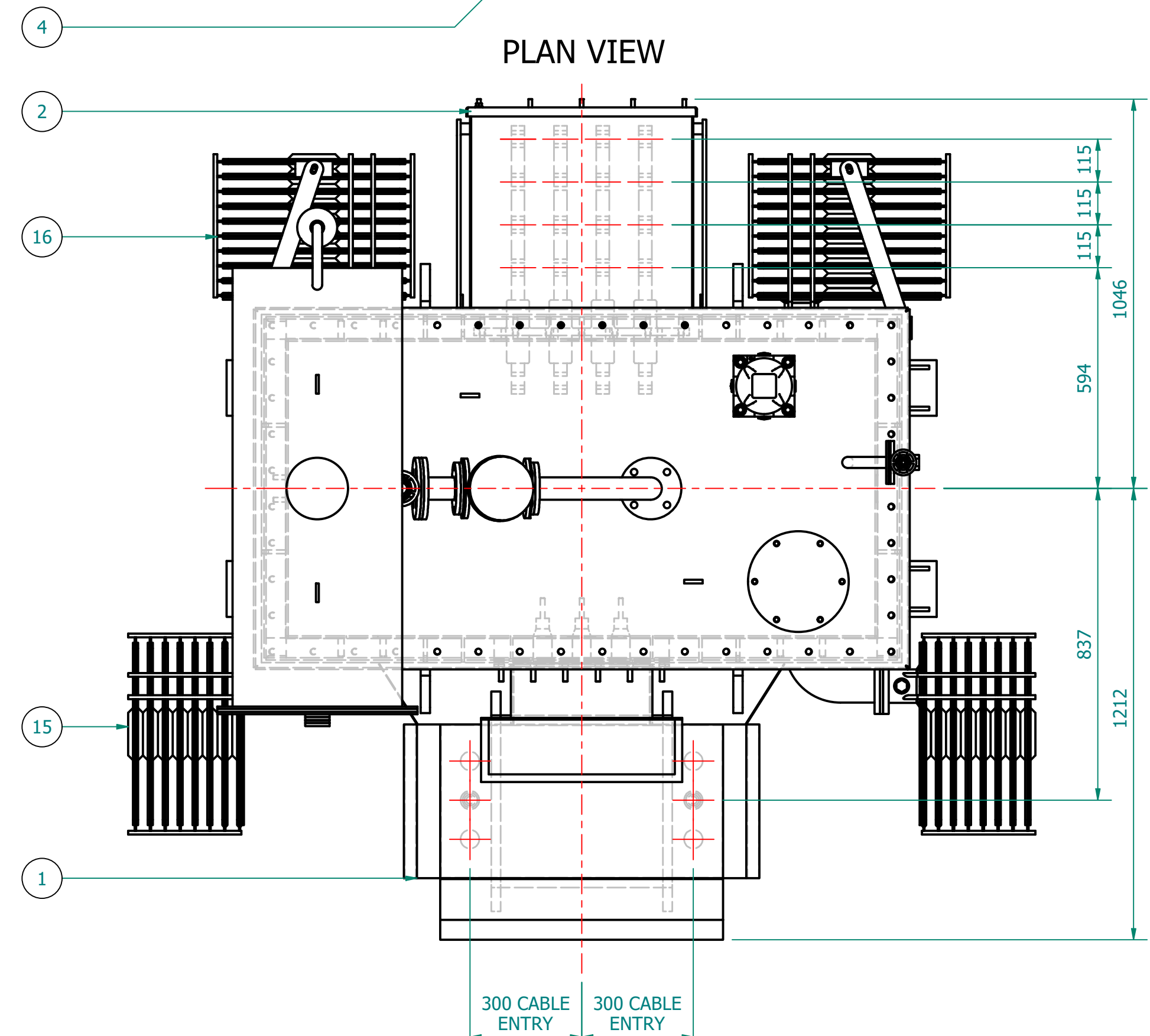


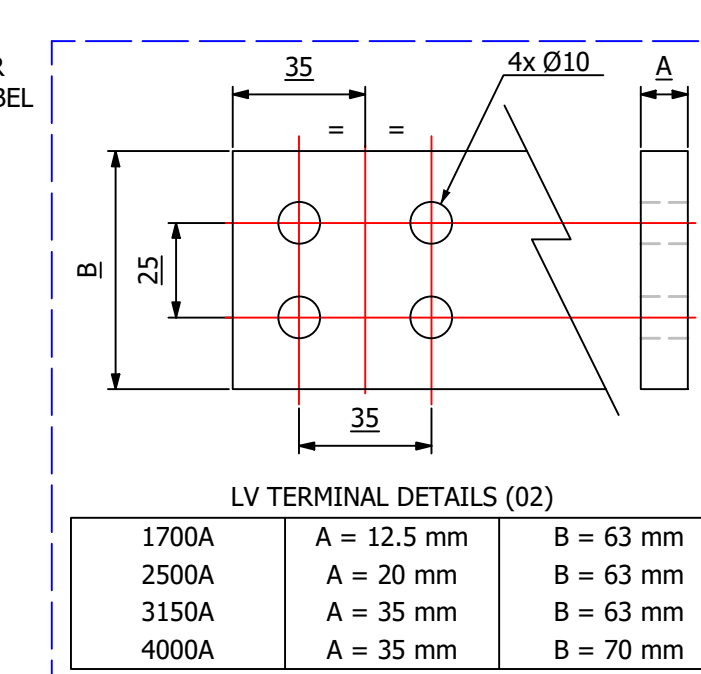
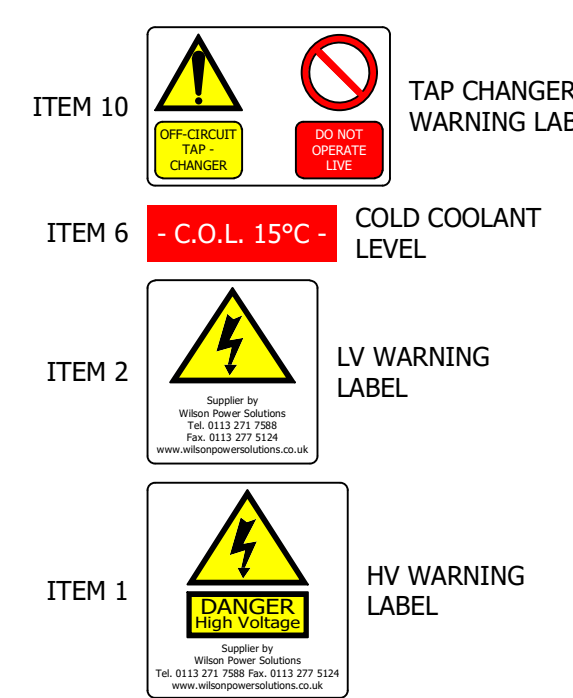


TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3520
TANK AND FITTING	kg	1690
COOLING LIQUID VOLUME	L	1800
COOLING LIQUID WEIGHT	kg	1465
TOTAL TX WEIGHT	kg	6675
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385

2500kVA		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	131.216A	3333.43A
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%	1575W	18500W	60°C		65°C

	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 105 x 40P)
	15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 85 x 40P)
IA	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**

[illegible]

LAST REVISION	REVISION DESCRIPTION	
	ORIGINAL	
	REV. BY:	M. STOTSJUK
	VERIFIED:	
	APPROVED:	

	REV	PROJECT
	00	CUSTOMER
		S.O. NUMBER
	DATE	P.O. NUMBER
	22-AUG-2021	
		W.O. NUMBER

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 2500kVA 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-T2-2500-AL-A006