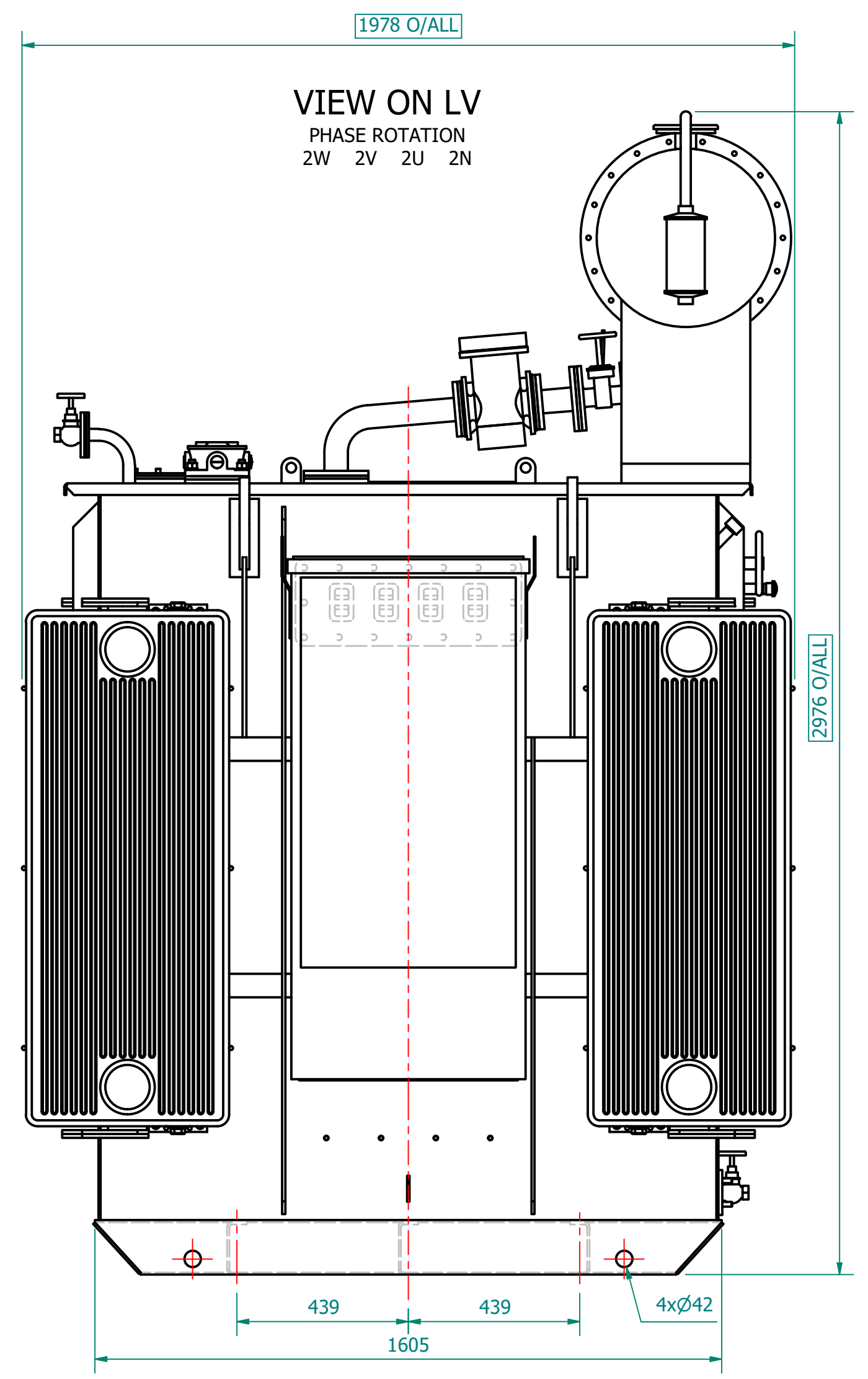
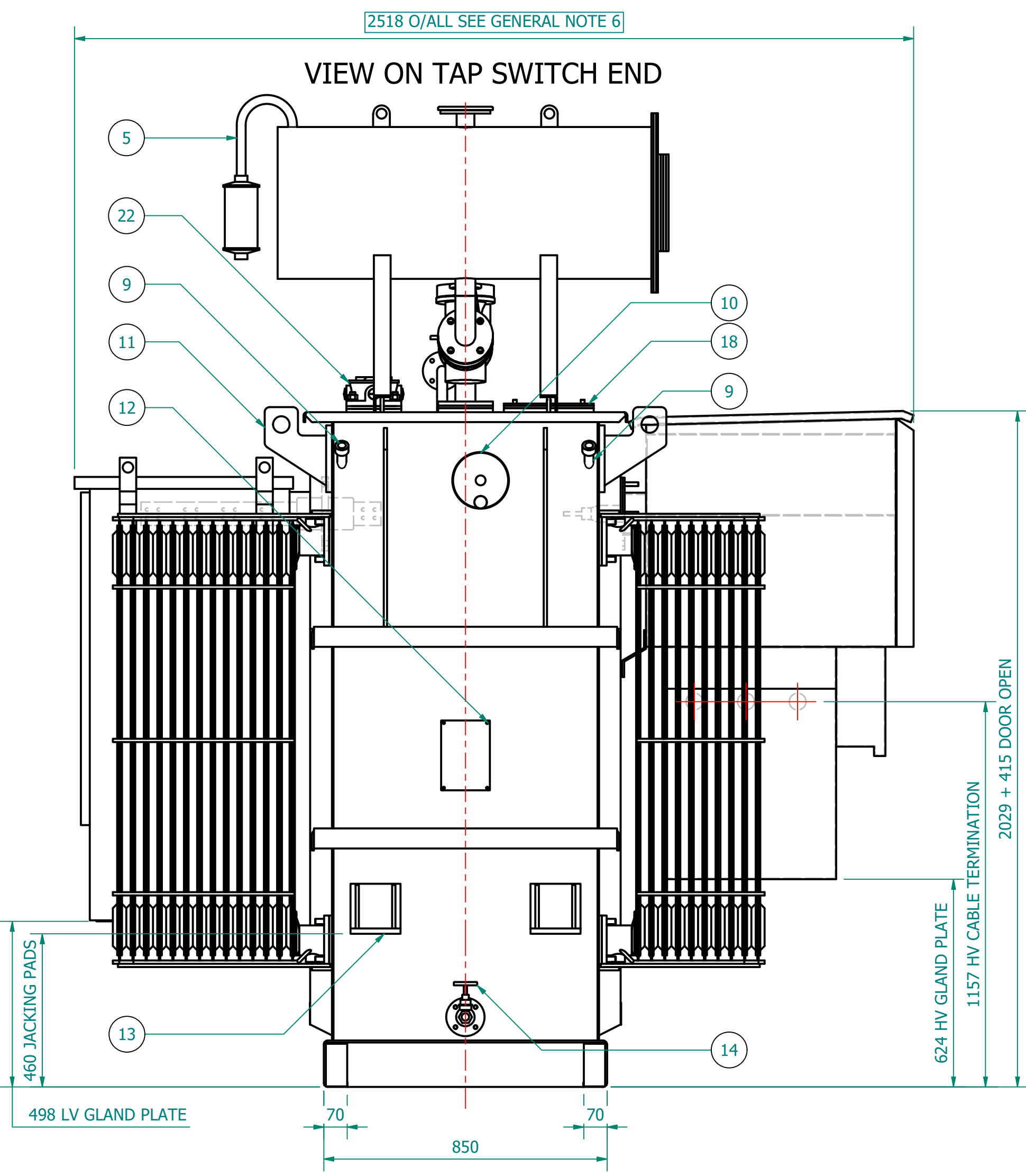
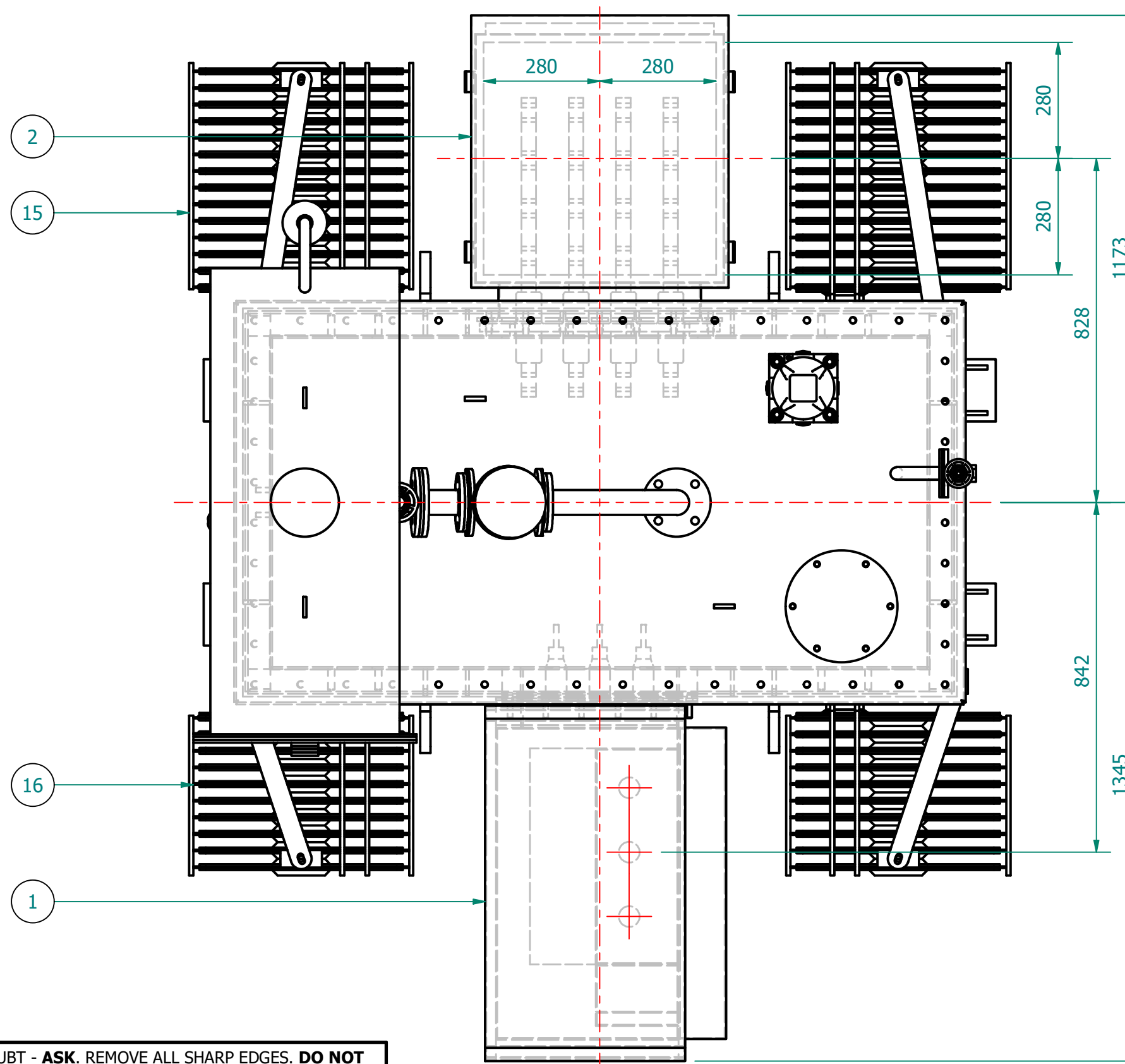
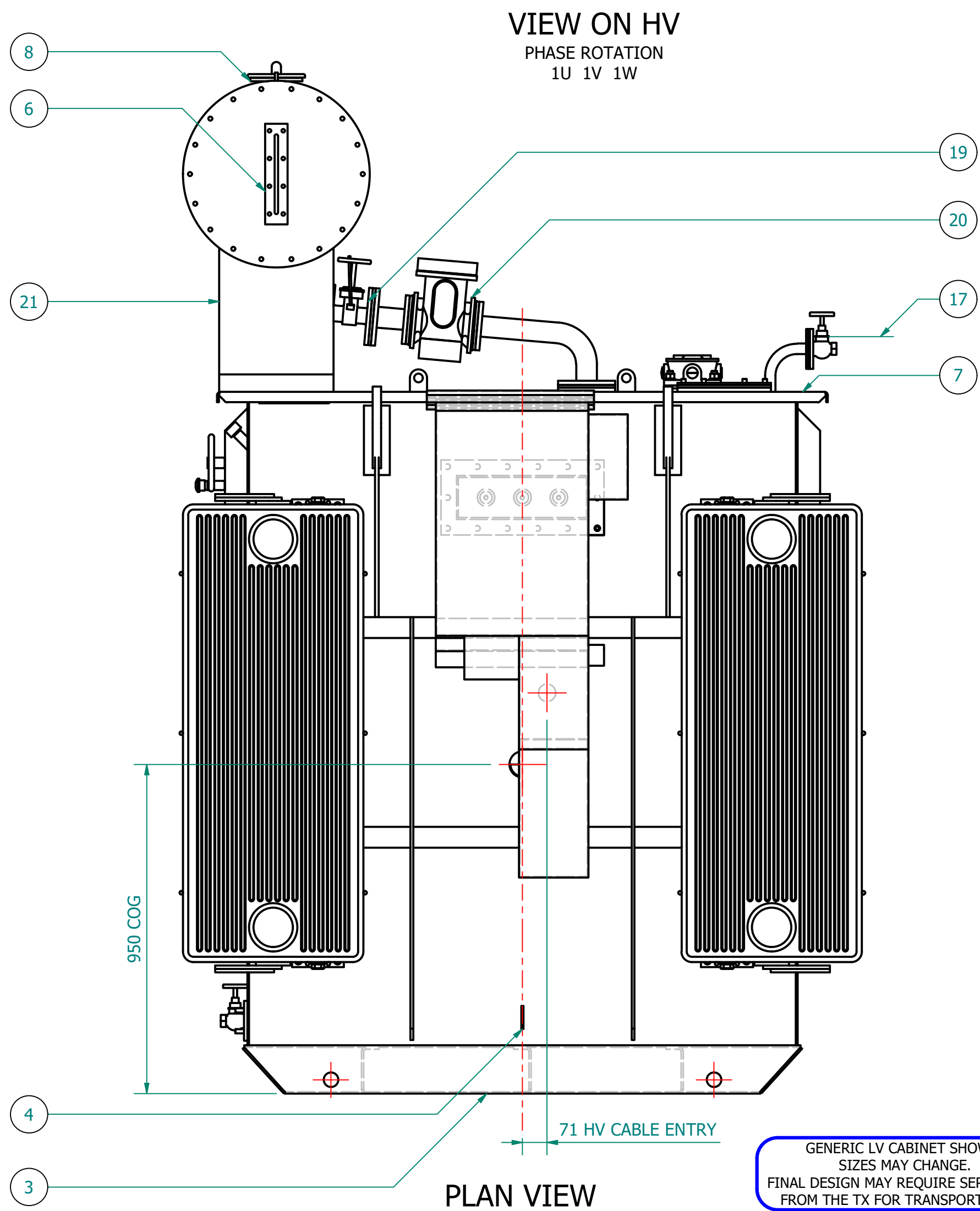




TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	4040
TANK AND FITTING	kg	1900
COOLING LIQUID VOLUME	L	1790
COOLING LIQUID WEIGHT	kg	1460
TOTAL TX WEIGHT	kg	7400
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	280
LV CABINET	kg	-

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 ± 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

- ITEM 10 TAP CHANGER WARNING LABEL
- ITEM 6 COLD COOLANT LEVEL
- ITEM 2 LV WARNING LABEL
- ITEM 1 HV WARNING LABEL

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 CABINET, BOTTOM ENTRY, GENERIC - SUBJECT TO CHANGE, (FACING-'F', BS:2562)
1	1	HV SWITCH/BREAKER, 630A/200A, [Schneider: SN6/CN2] (FACING-'E' BS:2562)
ITEM	QTY	DESCRIPTION

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

LAST DEFINITION				LAST REVISION				REVISION DESCRIPTION				DRAWING TITLE			
REV	REV BY	VERIFIED	APPROVED	REV	REV BY	VERIFIED	APPROVED	ORIGINAL	00	PROJECT	CUSTOMER	GENERAL ARRANGEMENT DRAWING FOR 3000kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET & SN6 / CN2			
								REV. BY: M. STOTSJUK	DATE 22-AUG-2021	S.O. NUMBER		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			
								VERIFIED:		P.O. NUMBER		web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk			
								APPROVED:		W.O. NUMBER		DRAWN BY: M. STOTSJUK DATE: 22/08/2021 DRG NO: WPS-T2-3000-AL-A005			