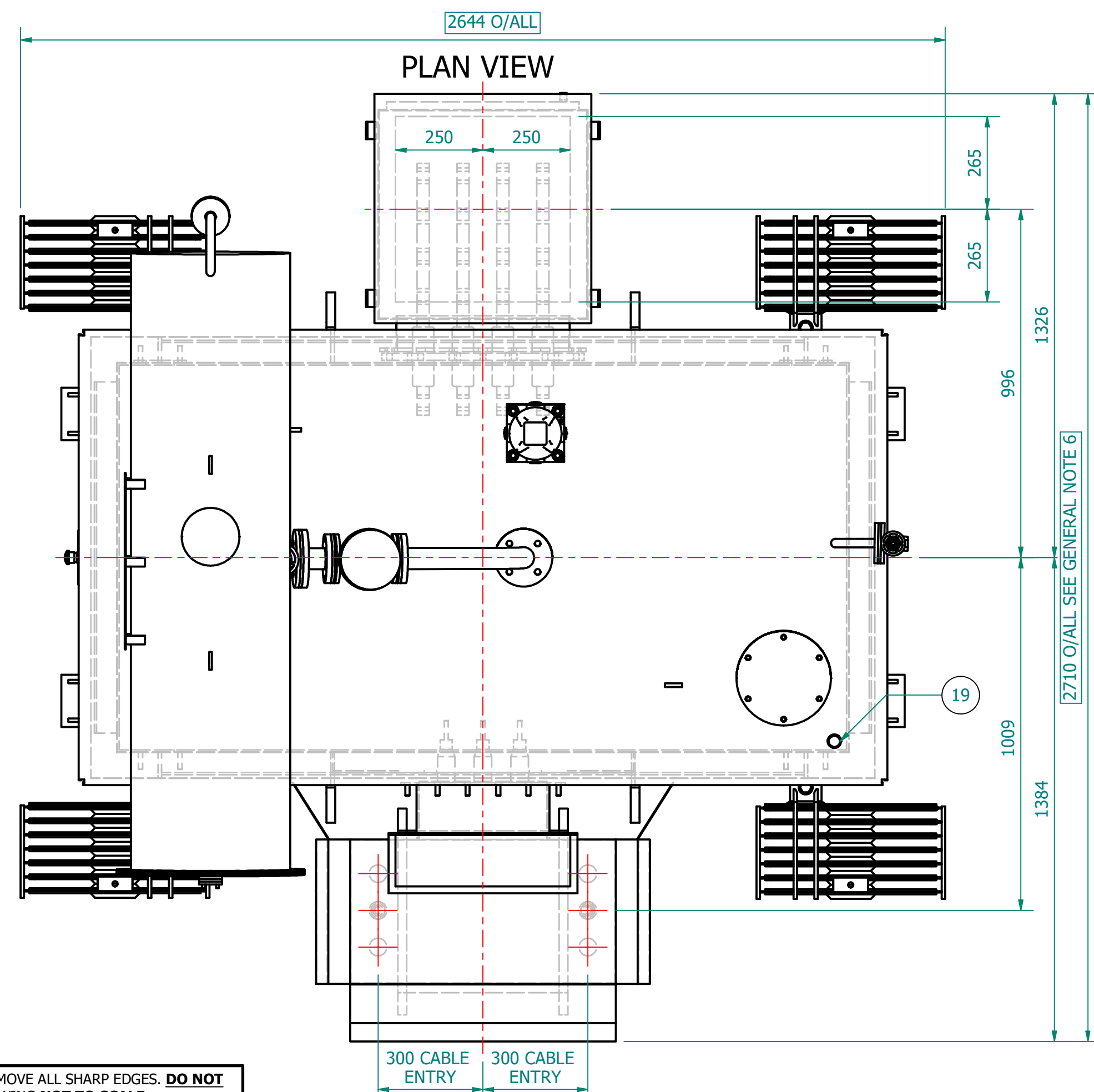
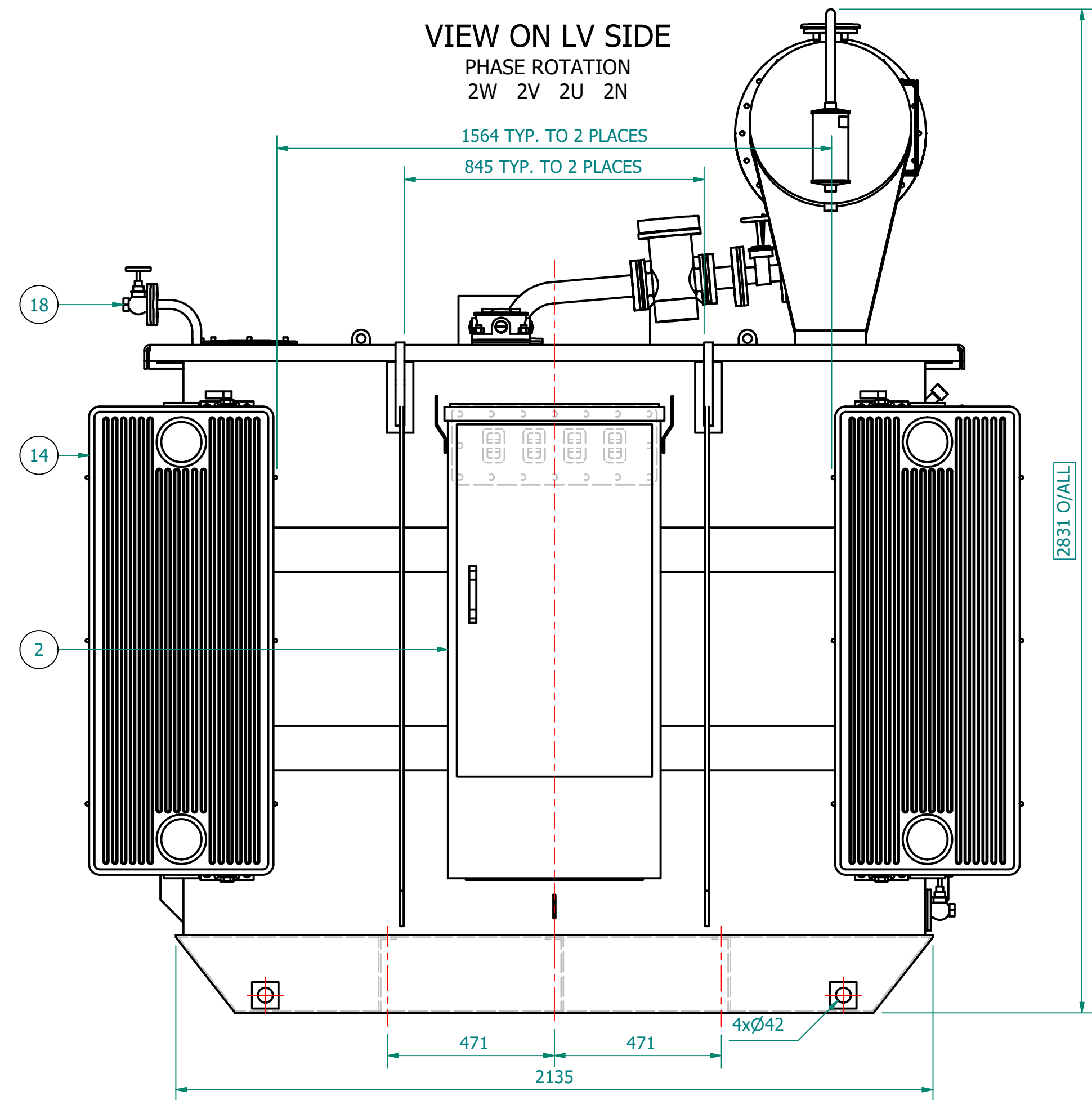
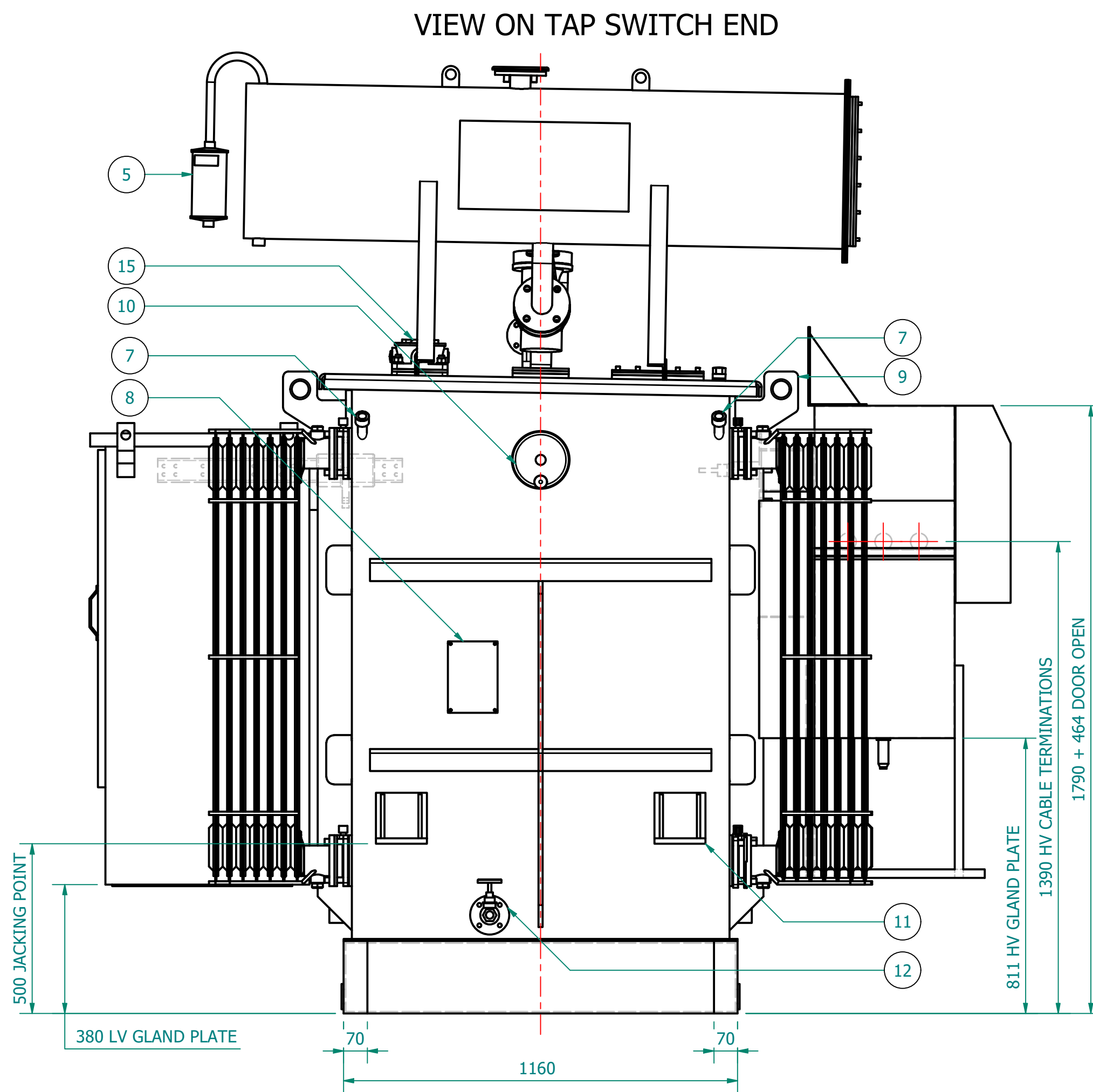
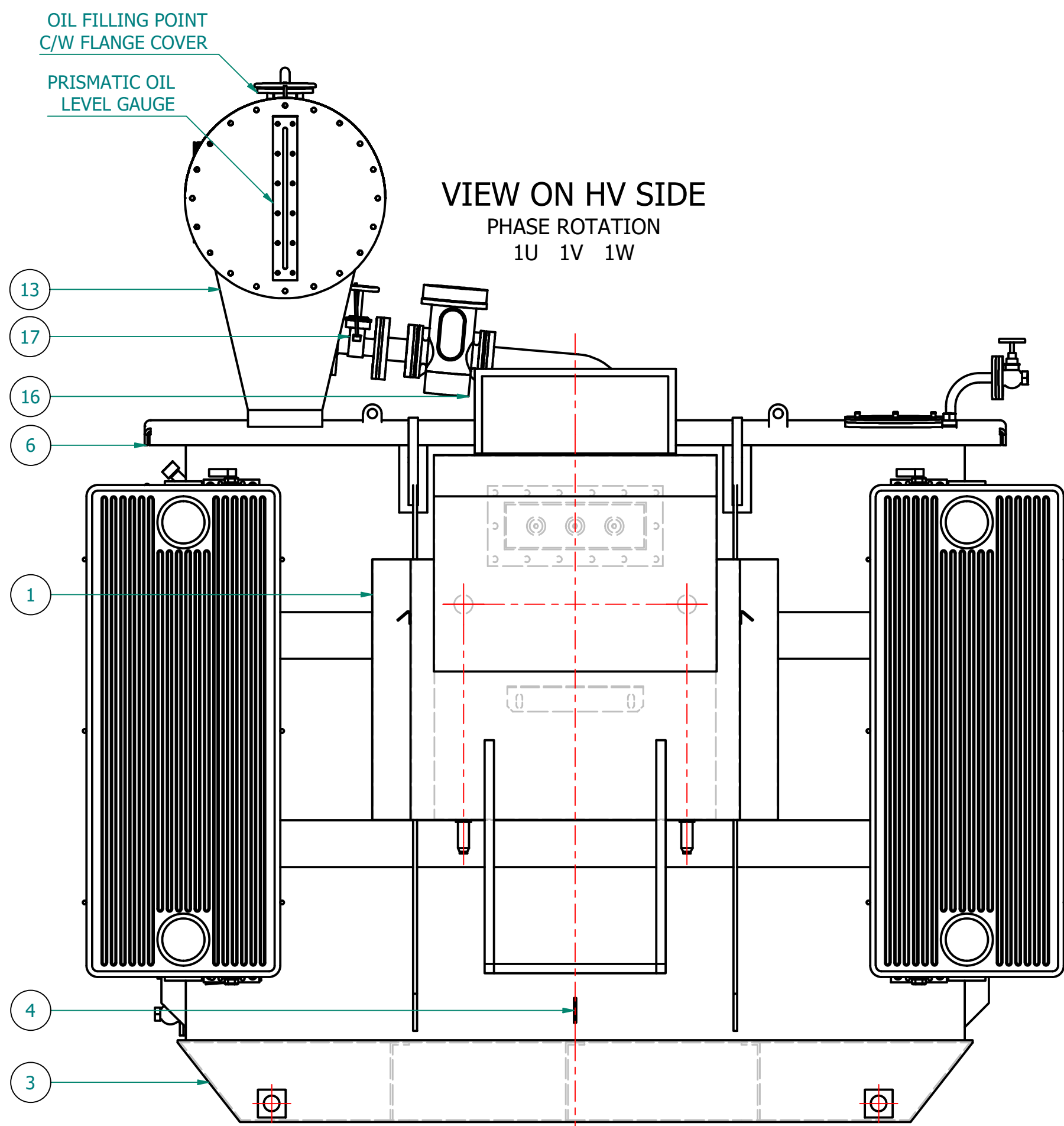


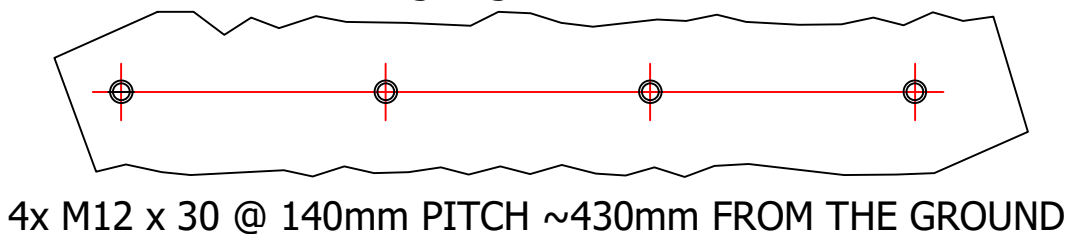


GENERIC LV CABINET SHOWN.
DIMENSIONS WILL CHANGE.
FINAL DESIGN MAY REQUIRE
SUPPORT FRAME.

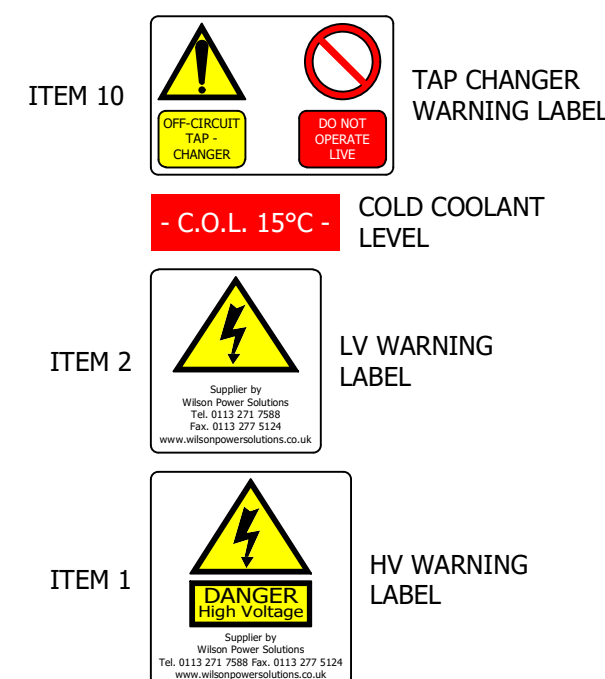


TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	5930
TANK AND FITTING	kg	1850
COOLING LIQUID VOLUME	L	2750
COOLING LIQUID WEIGHT	kg	2668
TOTAL TX WEIGHT	kg	10448
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385
LV UNIT	kg	--

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



ESSENTIAL LABELS



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 / 415V	+7.5 to -5.0% IN 2.5% INCREMENTS	Dyn11	50Hz	157.459A	4173.616A
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.
7.0%	1150W	19000W	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 DIMS ARE SUBJECT EQUIPMENT DOOR OPENING DISTANCES.				
7					
8					
9					

ITEM	QTY	DESCRIPTION
19	1	AIR RELEASE PLUG
18	1	FILTER VALVE (25NB) with MALE PLUG
17	1	SHUT OFF VALVE FOR CONSERVATOR
16	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
15	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
14	4	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 75 x 40P)
13	1	DETACHABLE OIL CONSERVATOR W/ PRISMATIC OIL LEVEL GAUGE, OIL FILLING POINT W/ FLANGED COVER & 2 LIFTING LUGS
12	1	DRAIN VALVE (25NB) with MALE PLUG
11	4	JACKING PADS
10	1	OFF-CIRCUIT TAP SWITCH (6-Position & Padlockable)
9	4	TRANSFORMER LIFTING LUGS
8	1	RATING & DIAGRAM PLATE (SS)
7	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
6	1	TOP COVER with LIFTING LUGS (x2)
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, (FACING-'F', BS:2562), PART NØ TBC
1	1	HV RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-Tx/21] x PROTECTION, (FACING-'E' BS:2562)

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

REVISION HISTORY				DESCRIPTION
REV	REV BY	VERIFIED	APPROVED	

CURRENT REVISION	REVISION DESCRIPTION		REV	PROJECT
	ORIGINAL			CUSTOMER
			00	S.O. NUMBER
			DATE	P.O. NUMBER
	REV. BY:	SATHWIK	24-MAR-2026	W.O. NUMBER
	VERIFIED:			
	APPROVED:			

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR
3000kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS
11000/415V, 50Hz, Dyn11, KNAN
AL WOUND DISTRIBUTION TRANSFORMER
RN2d & LV CABINET

DRAWN BY:
SATHWIK
DATE:
24-03-2026
DRAWING NO.:

**WILSON
POWER SOLUTIONS**

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WPS-E4-3000-AL-A003-KNAN SHEET 1 OF 1