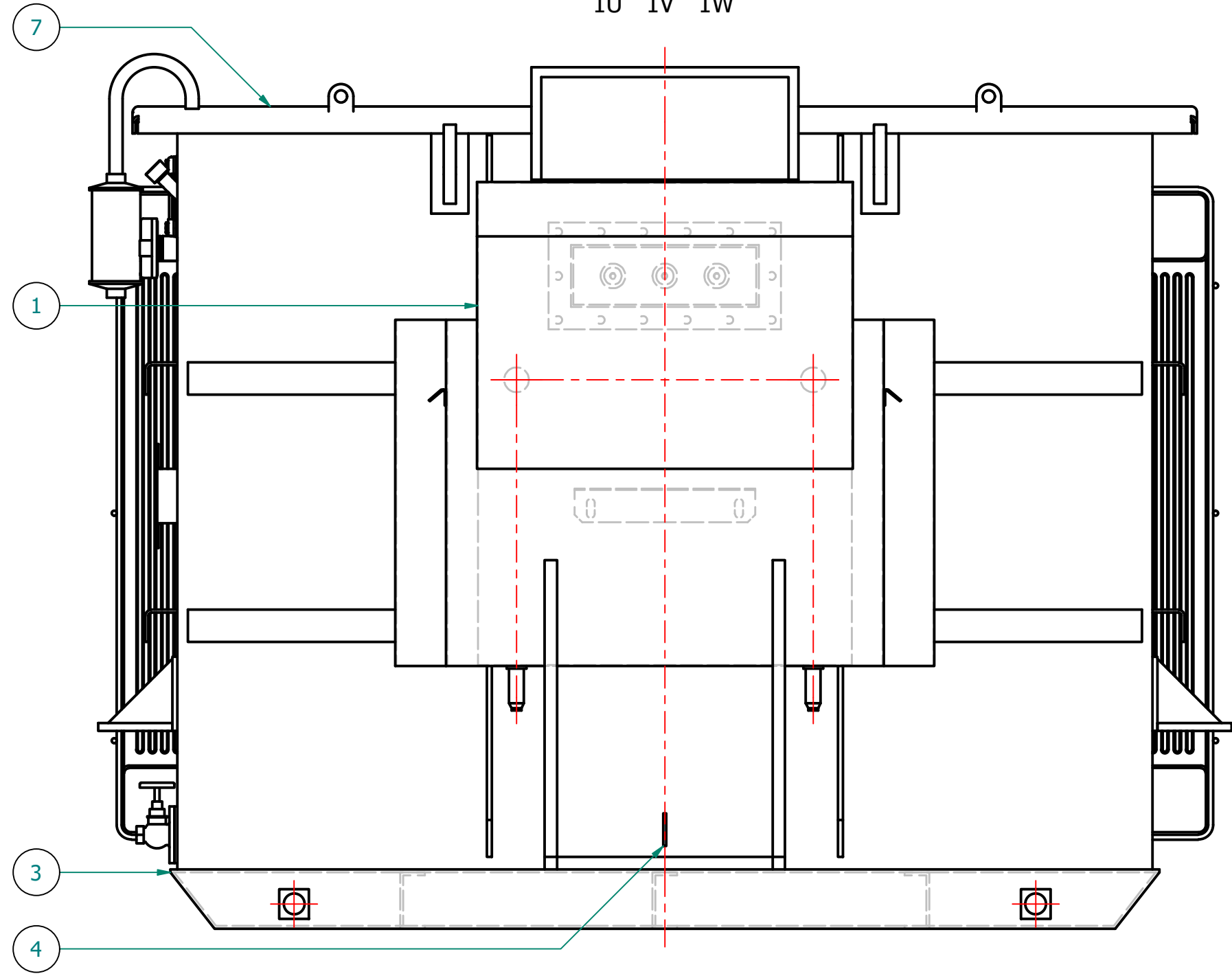
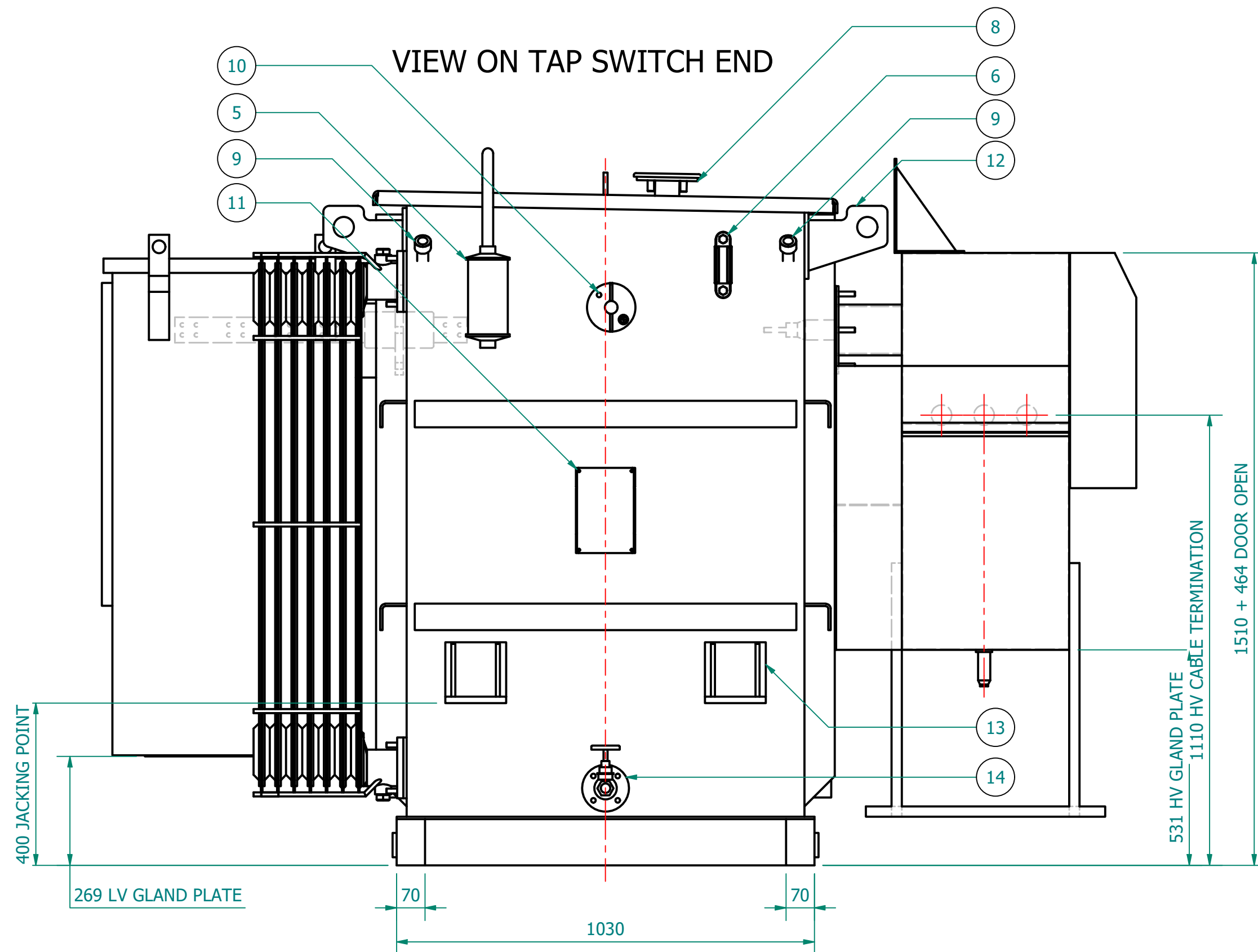


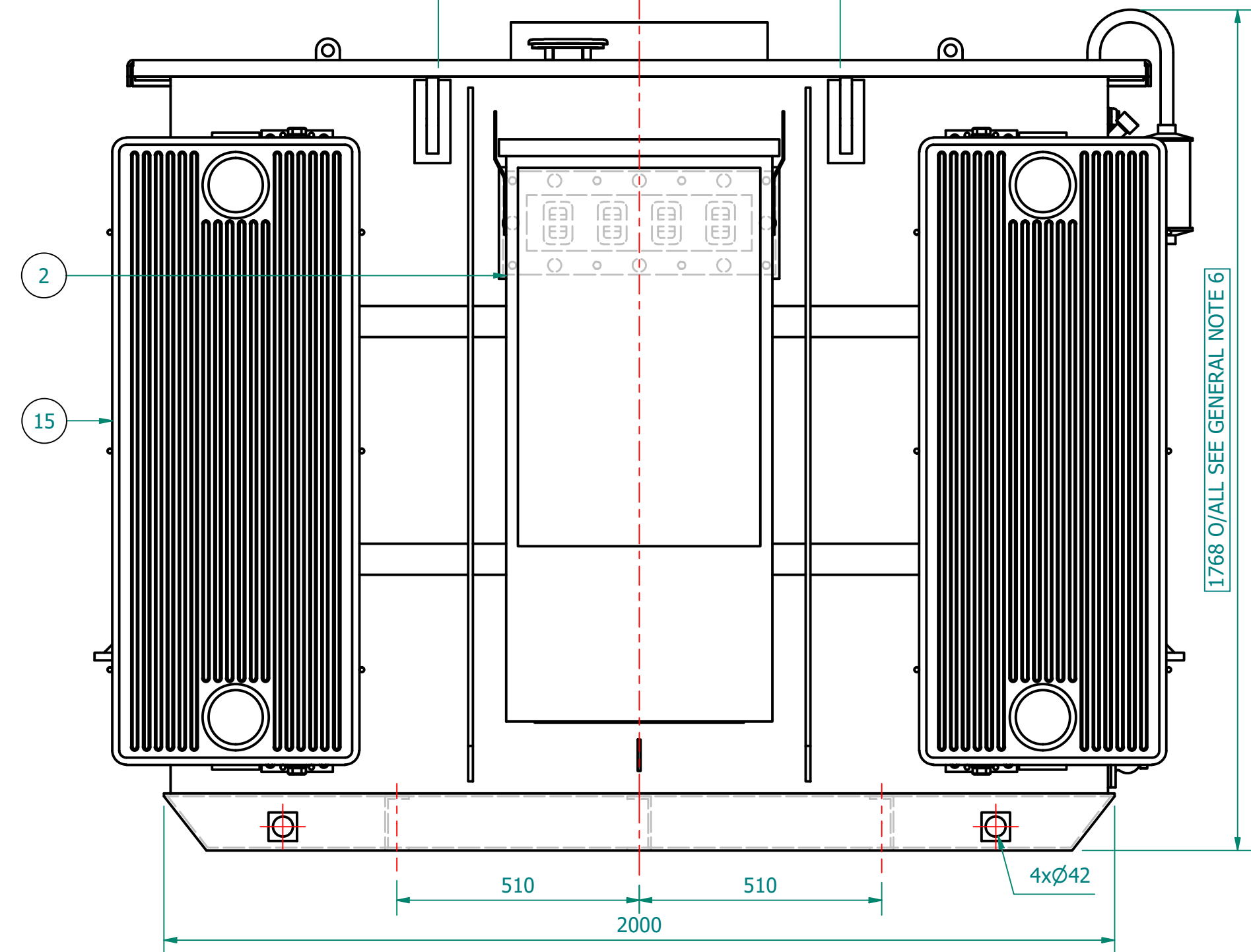
VIEW ON HV SIDE
PHASE ROTATION
1U 1V 1W



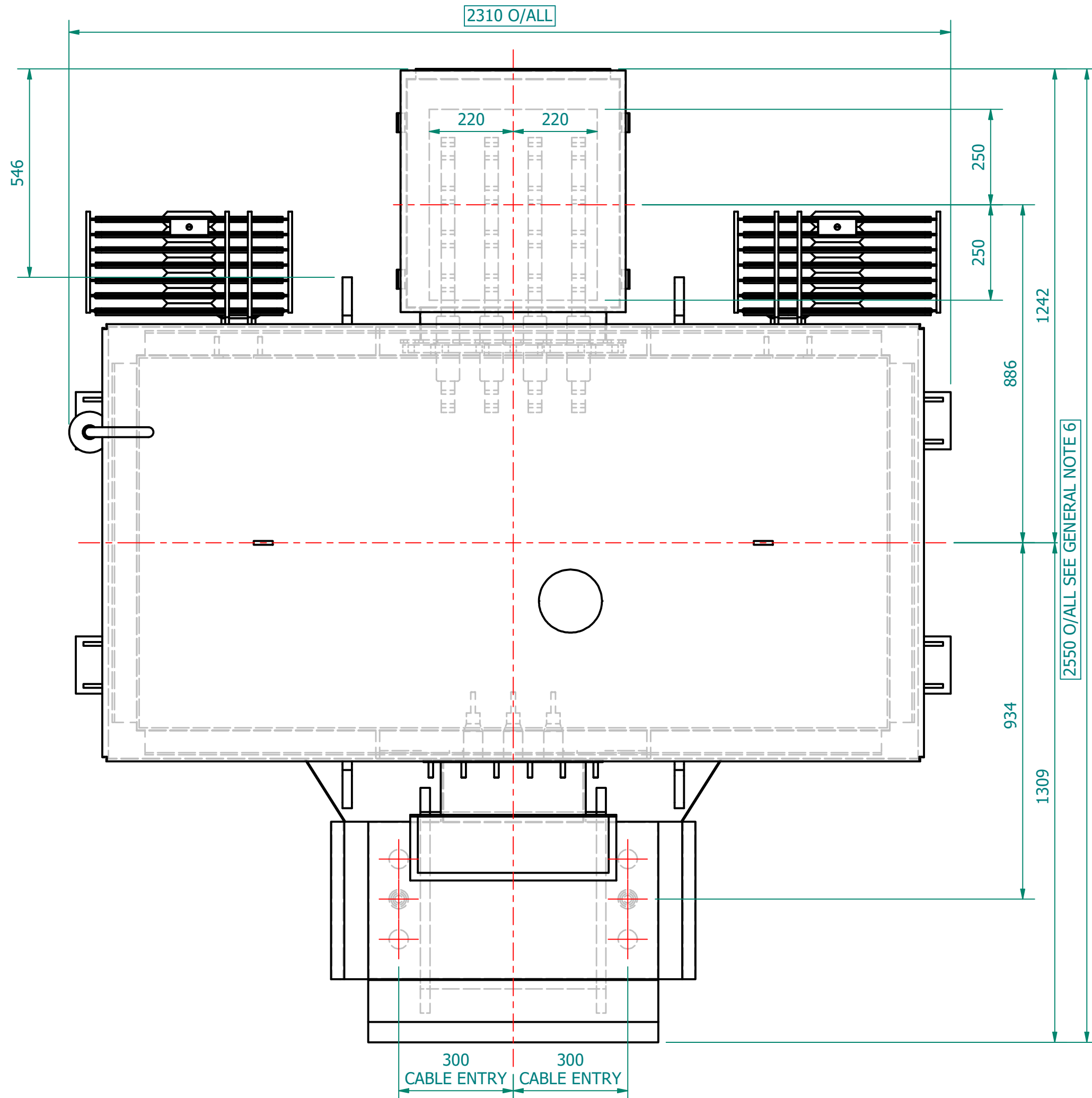
VIEW ON TAP SWITCH END



VIEW ON LV SIDE
PHASE ROTATION
2W 2V 2U 2N
845 TYP. TO 2 PLACES



PLAN VIEW



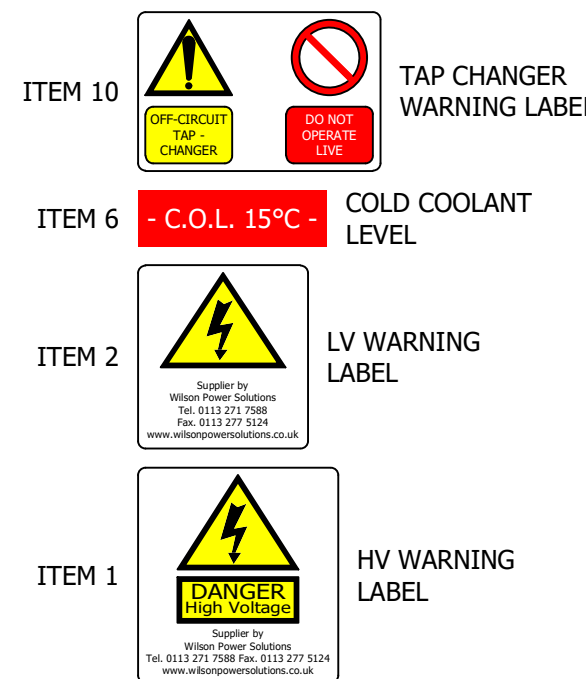
GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	4700
TANK AND FITTING	kg	1350
COOLING LIQUID VOLUME	L	1658
COOLING LIQUID WEIGHT	kg	1608
TOTAL TX WEIGHT	kg	7658
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	kg	385
LV UNIT	kg	--

2000kVA		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	104.972A	2782.41A
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.
6.00%	815W	11475W	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 TO EQUIPMENT DOOR OPENING DISTANCES.				
7					
8					
9					

ESSENTIAL LABELS



ITEM	QTY	DESCRIPTION
15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 75 x 40P)
14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	4	TRANSFORMER LIFTING LUGS
11	1	RATING & DIAGRAM PLATE (SS)
10	1	OFF-CIRCUIT TAP SWITCH (6-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 BREATHING 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 MODEL - SUBJECT TO CHANGE (FACING-'F', BS:2562)
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
				P.O. NUMBER
				W.O. NUMBER
REV. BY: SATHWIK		DATE		
VERIFIED:		24-MAR-2026		
APPROVED:				

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR
2000kVA 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-E4-2000-AL-A003-KNAN

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