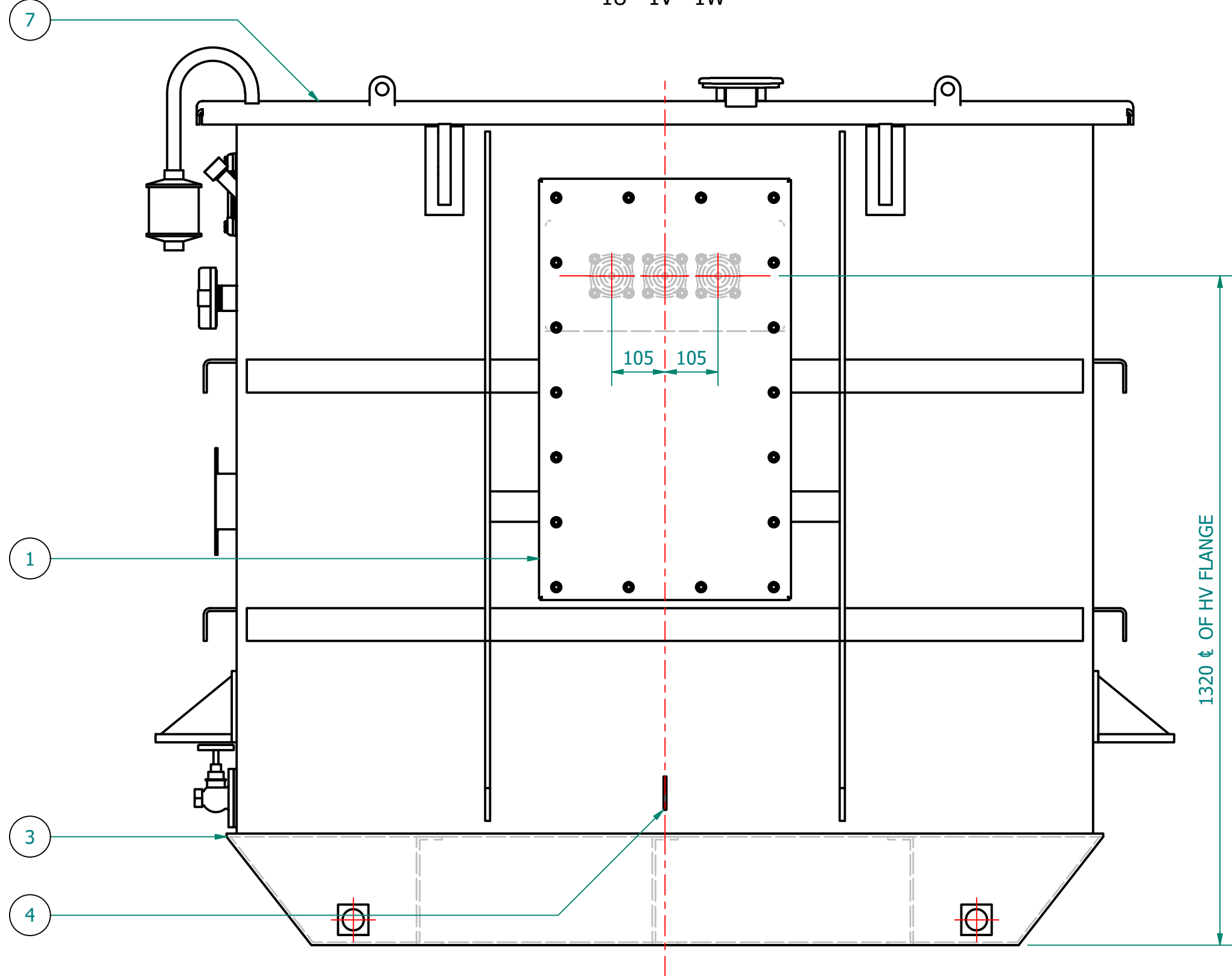
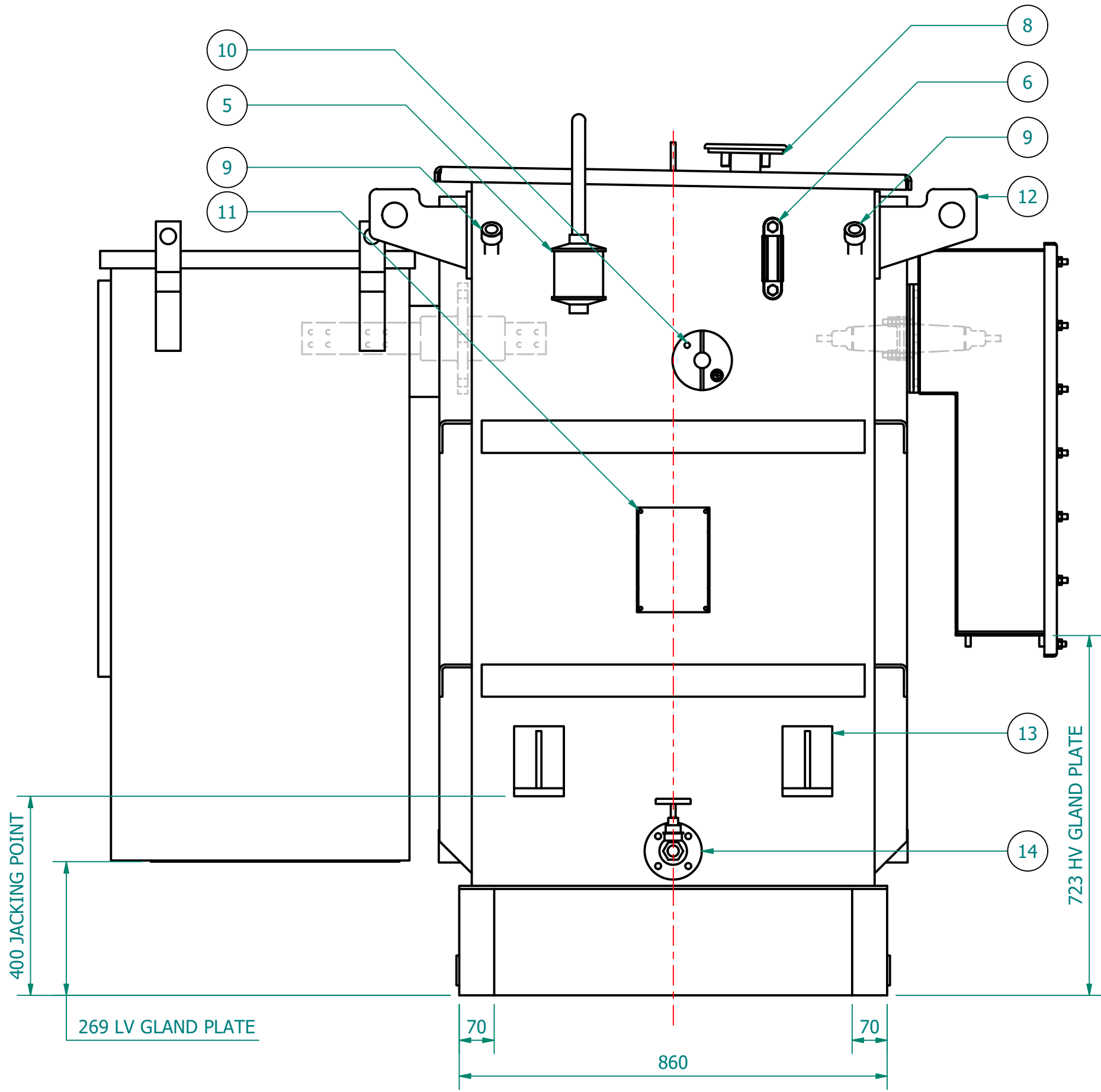


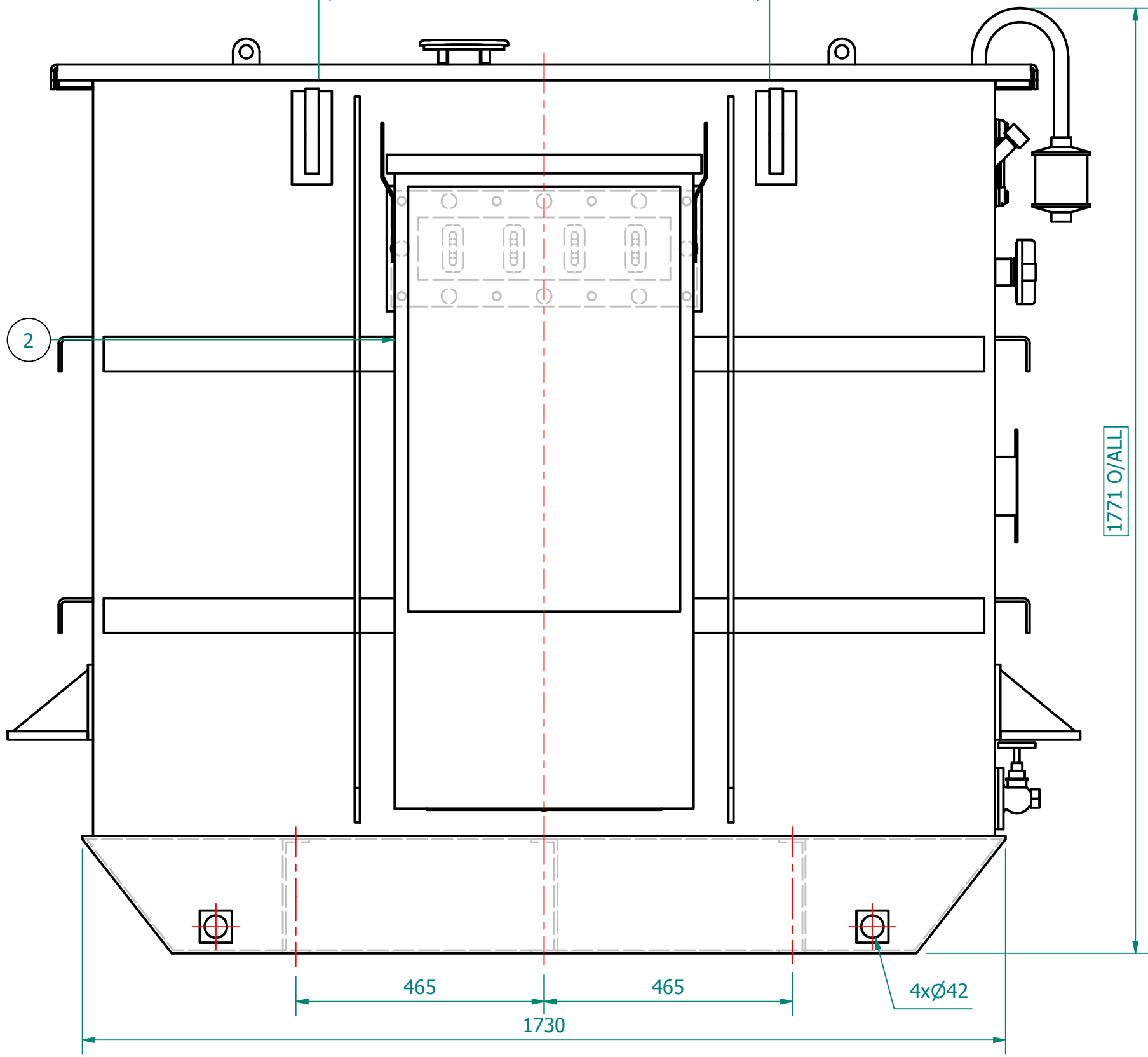
VIEW ON HV SIDE
PHASE ROTATION
1U 1V 1W



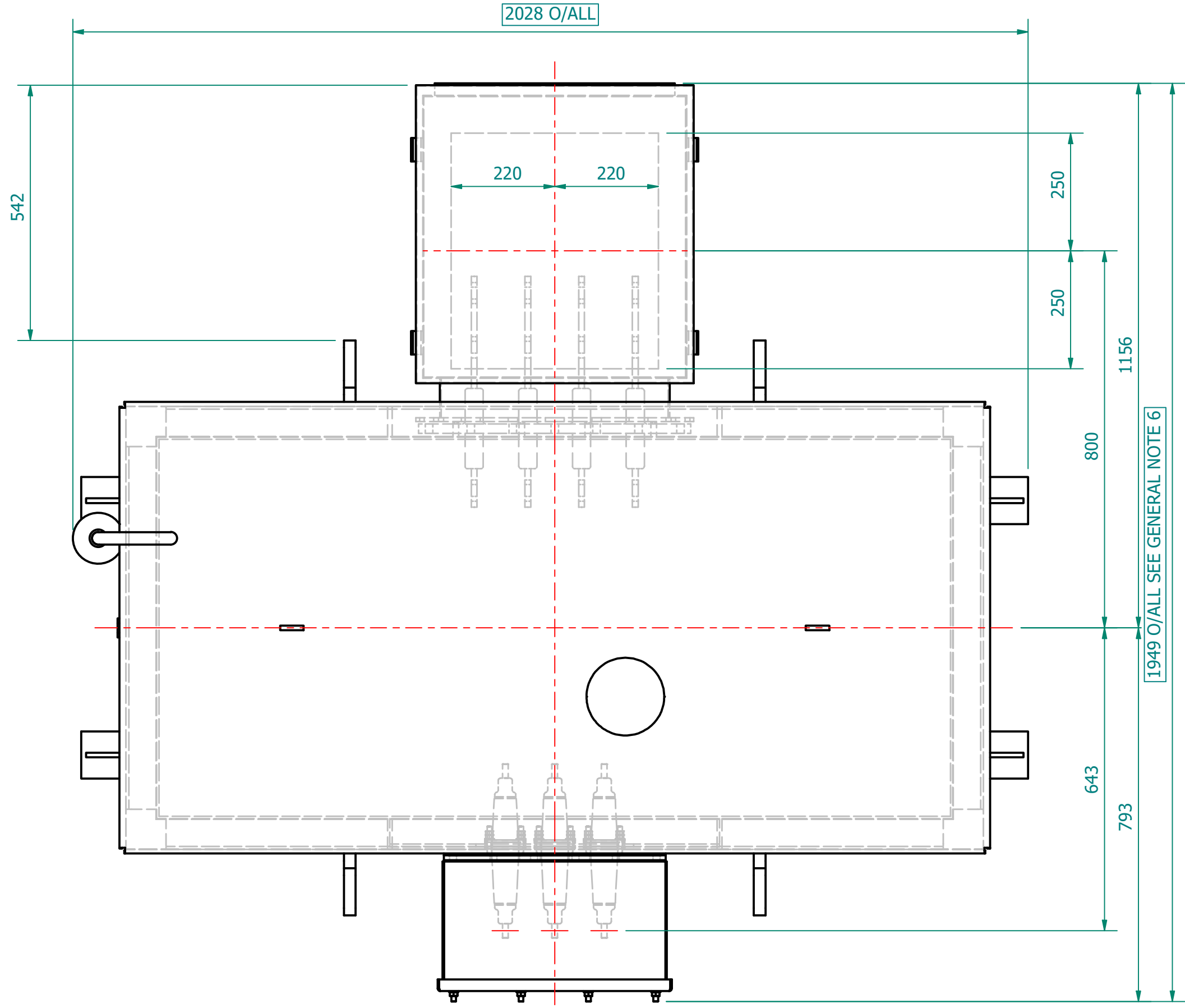
VIEW ON TAP SWITCH END



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



PLAN VIEW



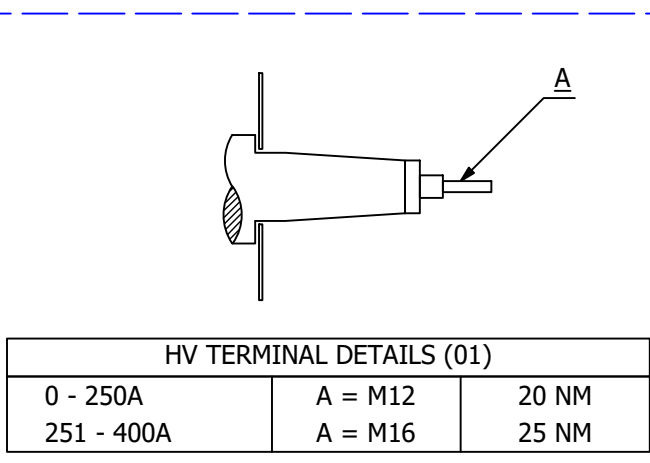
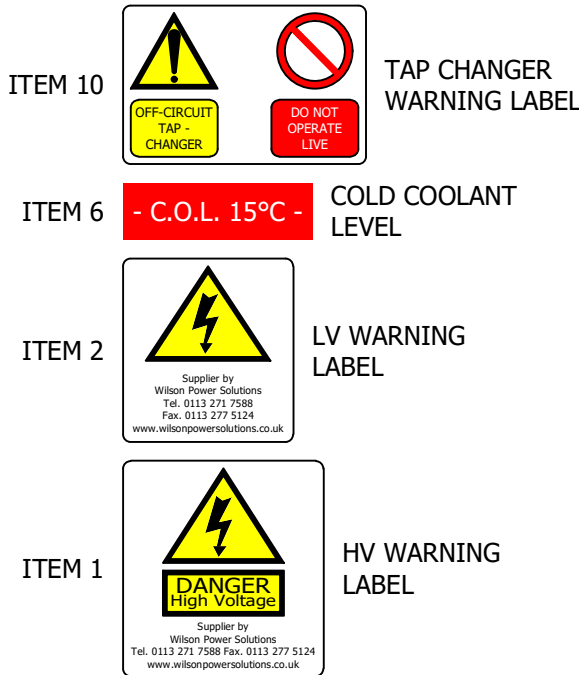
GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2640
TANK AND FITTING	kg	800
COOLING LIQUID VOLUME	L	1155
COOLING LIQUID WEIGHT	kg	1120
TOTAL TX WEIGHT	kg	4560
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	kg	--

800kVA 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	41.989A	1112.964A
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.	
4.75%	425W	4265W	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



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

REVISION HISTORY				
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

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

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 800kVA WILSON e4 AMORPHOUS ULTIMATE LOW LOSS 11000/415V, 50Hz, Dyn11, KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET	

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

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WPS-E4-800-AL-A001-KNAN

SHEET 1 OF 1