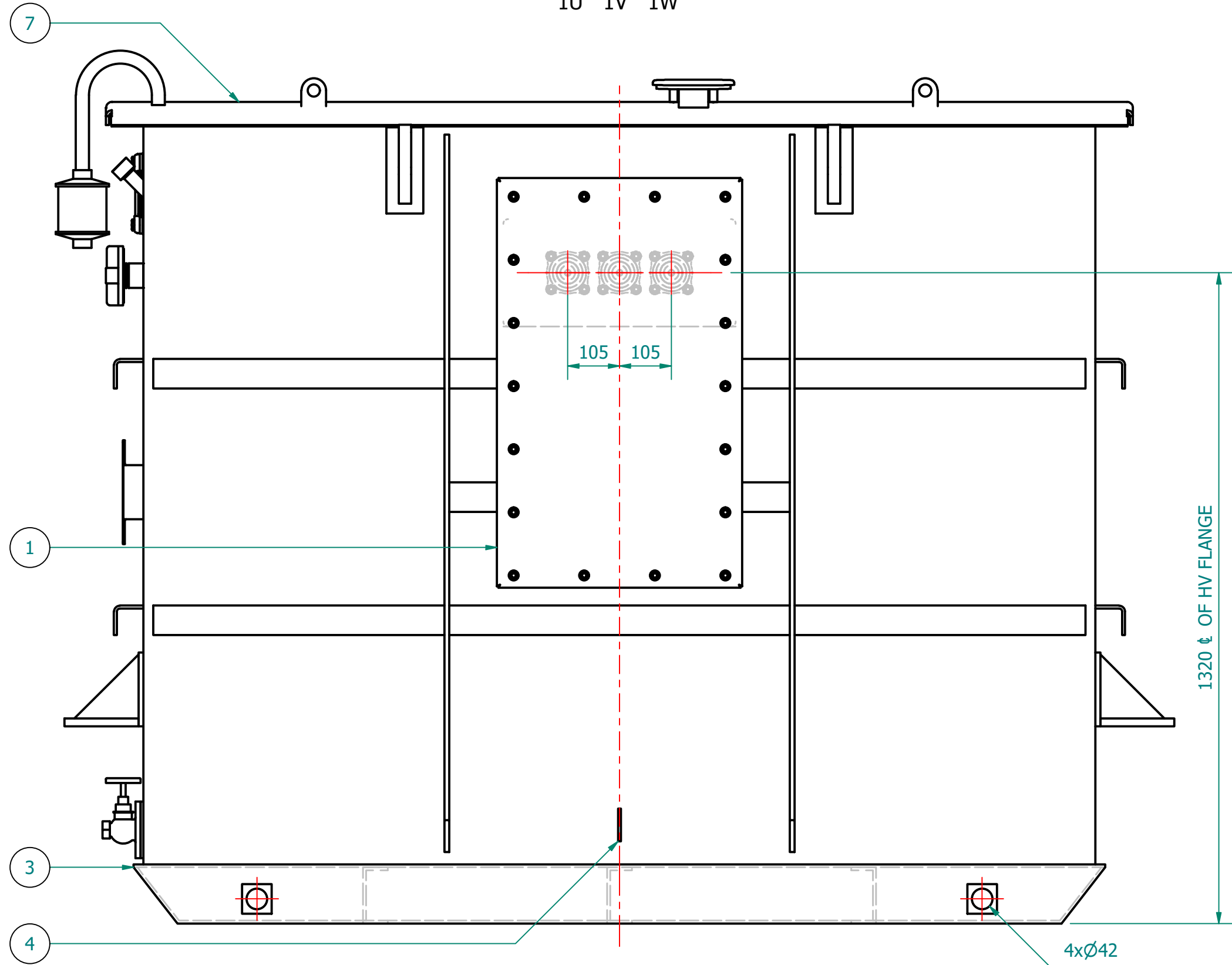
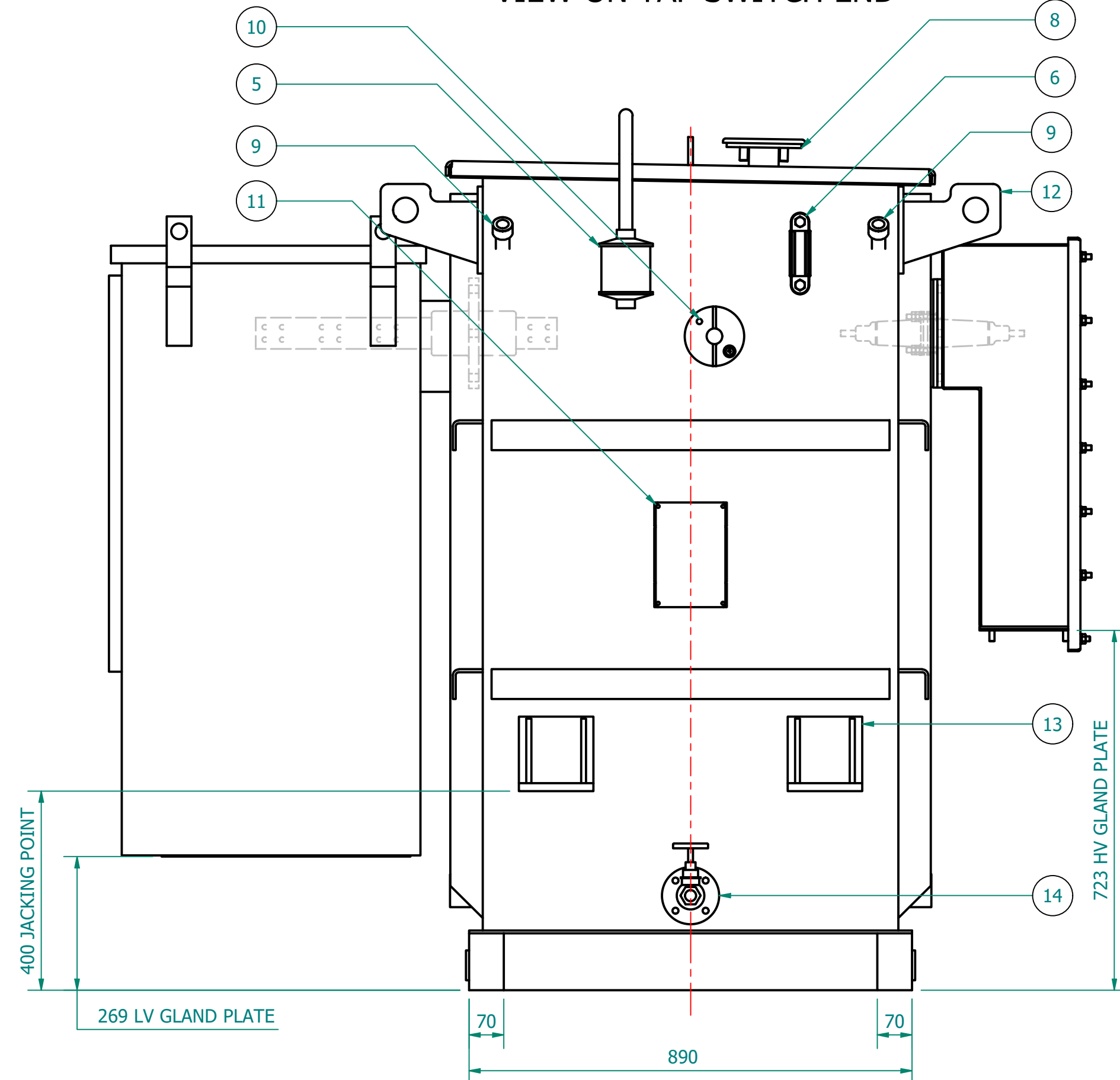


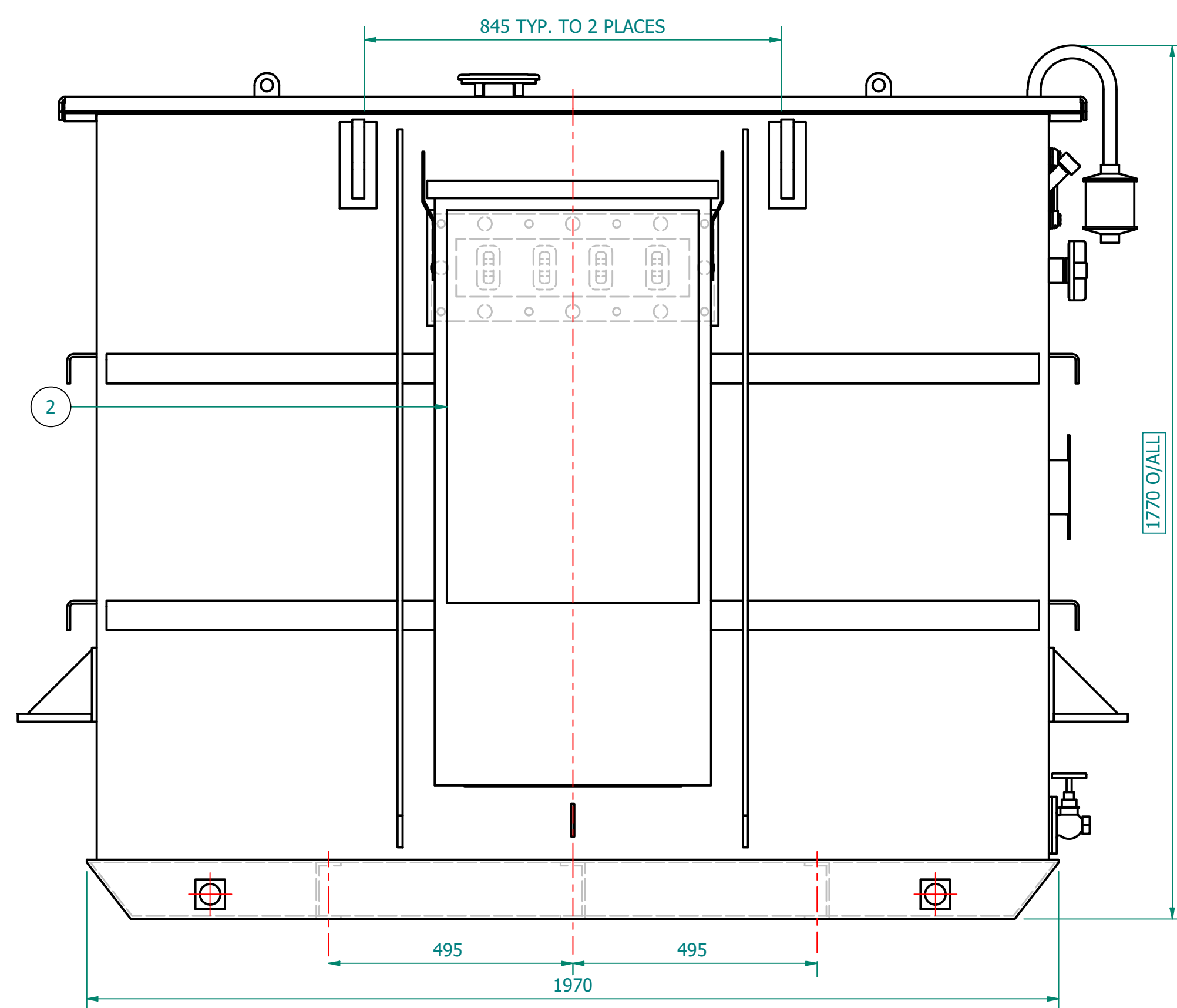
VIEW ON HV SIDE

PHASE ROTATION
1U 1V 1W

VIEW ON TAP SWITCH END

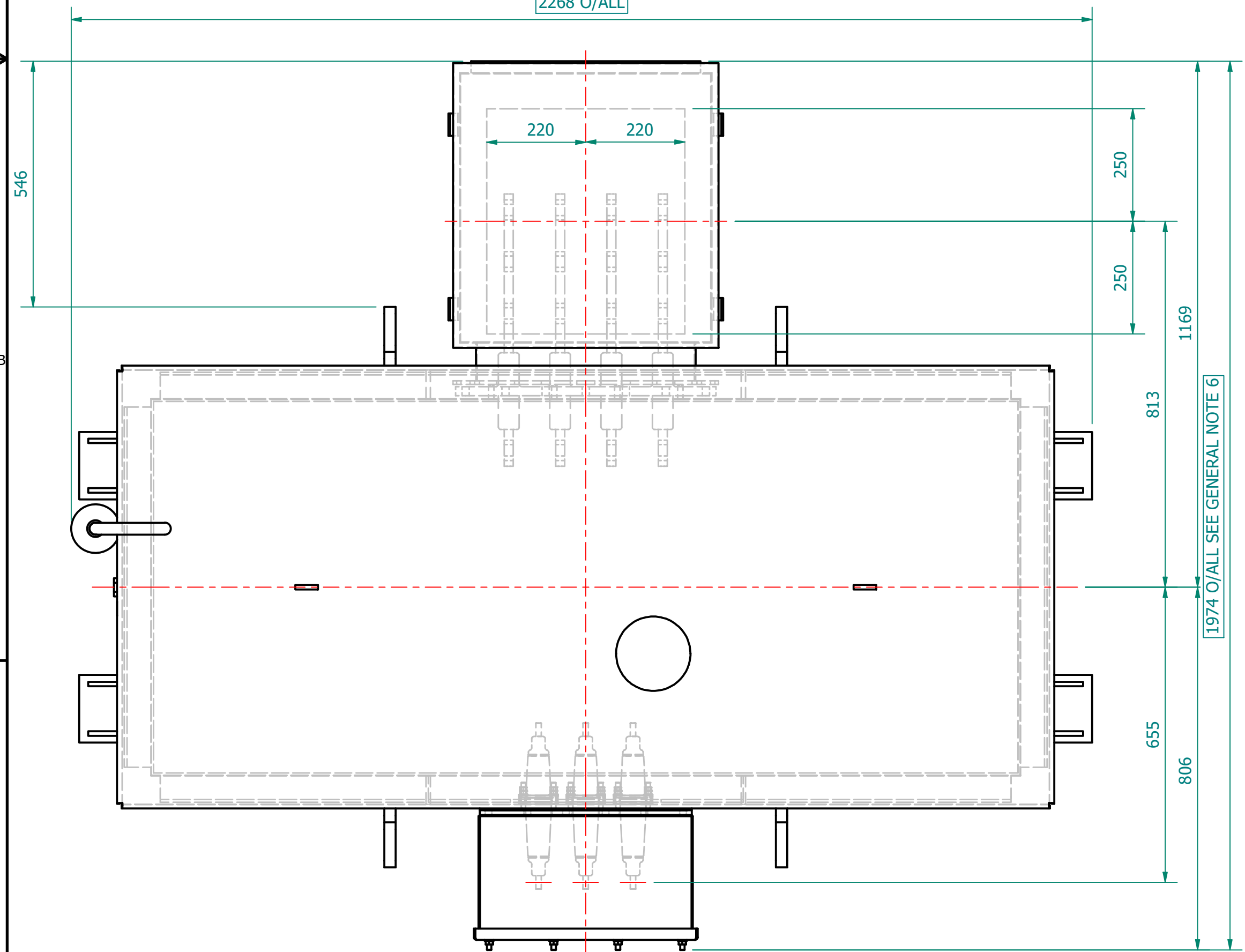


VIEW ON LV SIDE

PHASE ROTATION
2W 2V 2U 2N

PLAN VIEW

2268 O/ALL

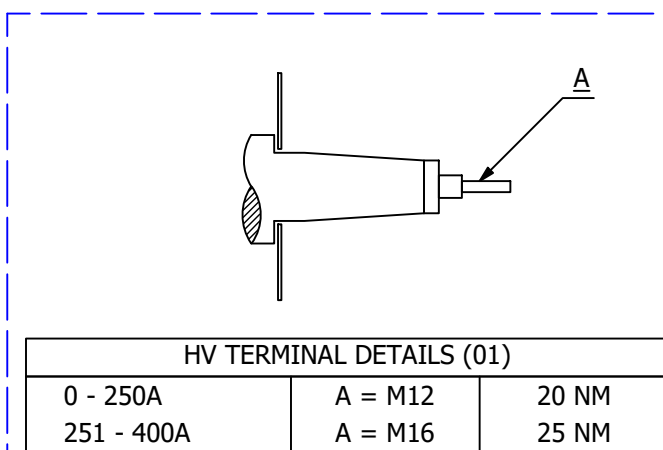
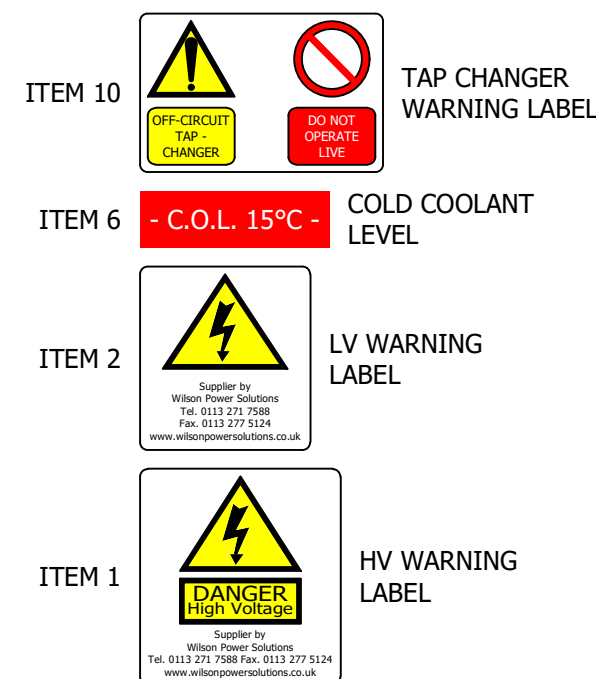


GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	3400
TANK AND FITTING	kg	850
COOLING LIQUID VOLUME	L	1474
COOLING LIQUID WEIGHT	kg	1430
TOTAL TX WEIGHT	kg	5680
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	kg	-

ESSENTIAL LABELS



1250kVA 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	65.608A	1739.007A
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.
5.0%	570W	6930W	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 EQUIPMENTS DOOR OPENING DISTANCES.					
7					
8					
9					

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 R
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 CABLE BOX - 12KV, 3-POLE, HEAT-SHRINK INSULATION, (FACING-'E' BS:2562) SUITABLE FOR 1 x 3c CABLE - MAX. 185mm.sq
ITEM	QTY	DESCRIPTION
PARTS LIST		

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

REVISION HISTORY			
REV	REV BY	VERIFIED	APPROVED

REVISION DESCRIPTION	
ORIGINAL	
REV. BY:	SATHWIK
VERIFIED:	
APPROVED:	

REV	DATE
00	24-MAR-2026

PROJECT	CUSTOMER
S.O. NUMBER	
P.O. NUMBER	
W.O. NUMBER	

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR 1250kVA 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.:	WPS-E4-1250-AL-A001-KNAN

WILSON POWER SOLUTIONS	
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WPS-E4-1250-AL-A001-KNAN	
SHEET 1 OF 1	