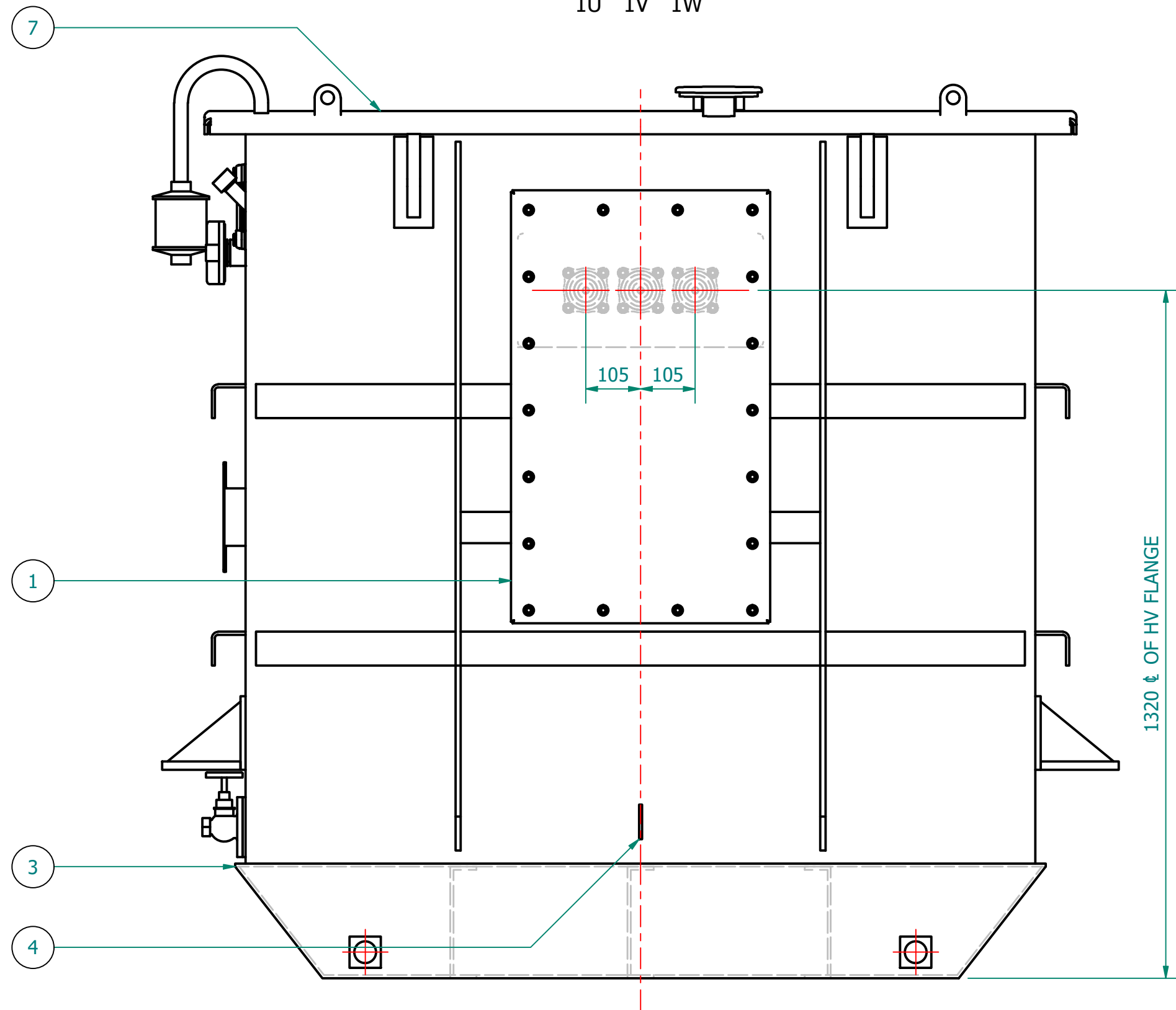
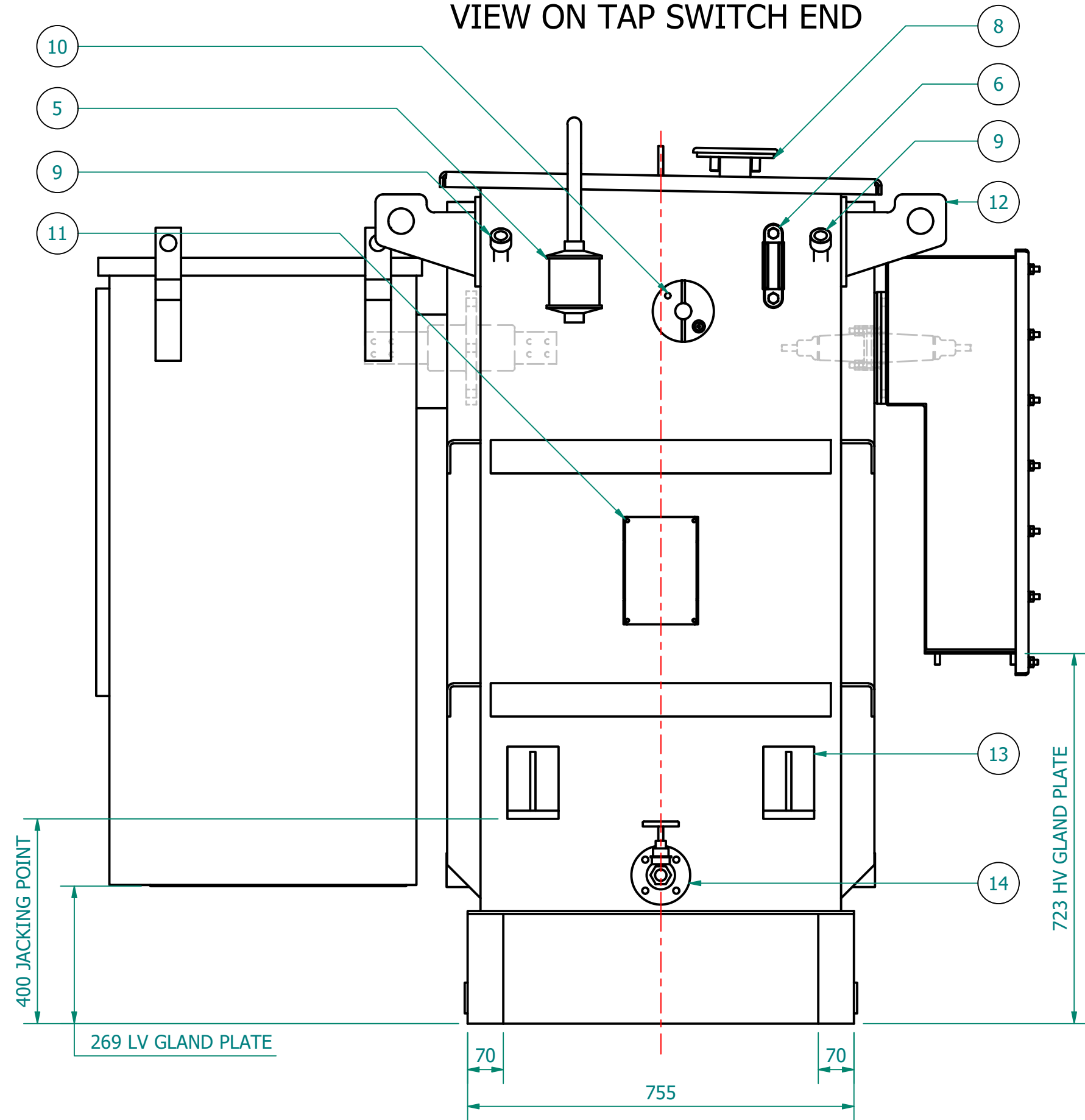


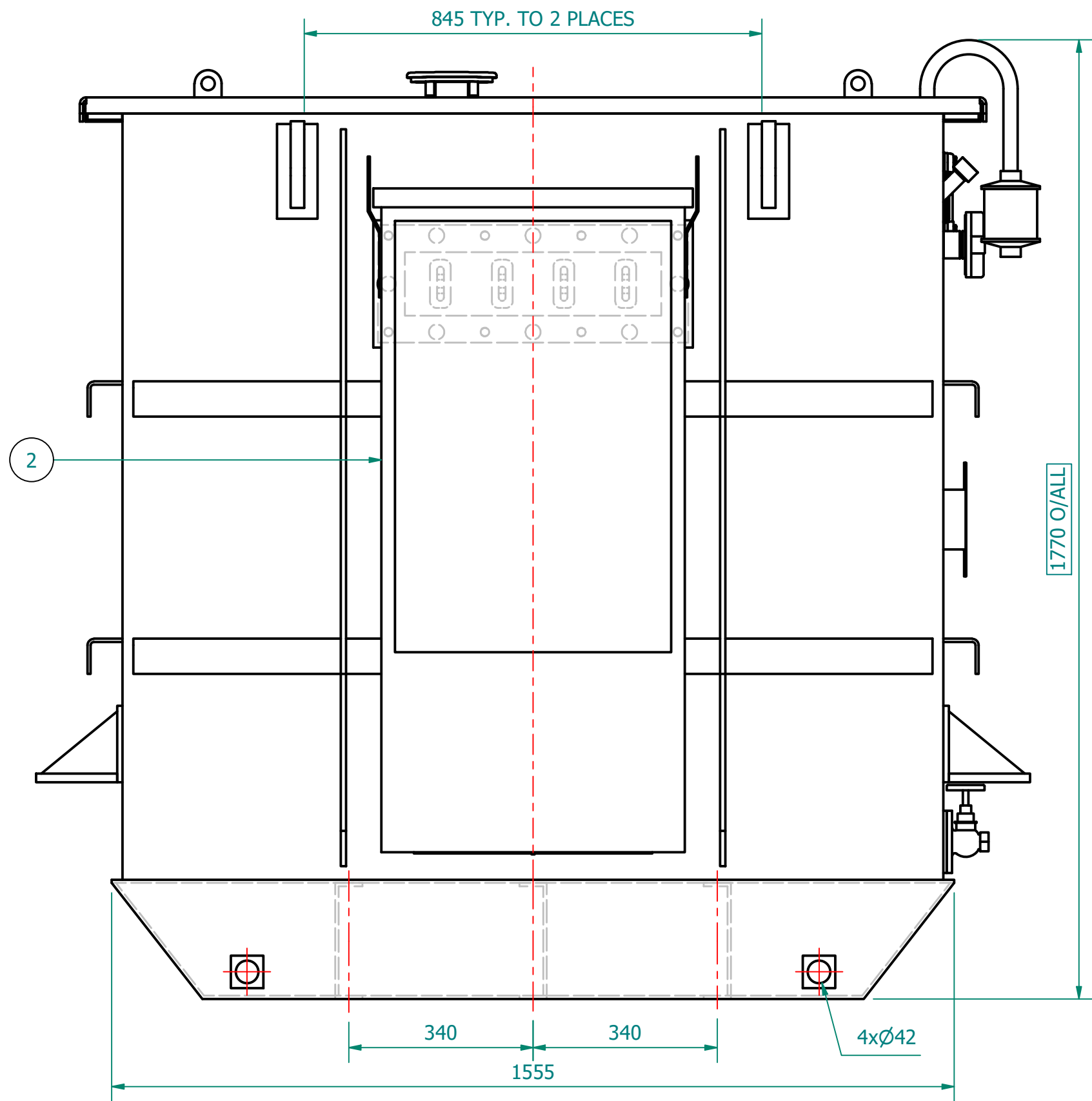
VIEW ON HV SIDE
PHASE ROTATION
1U 1V 1W



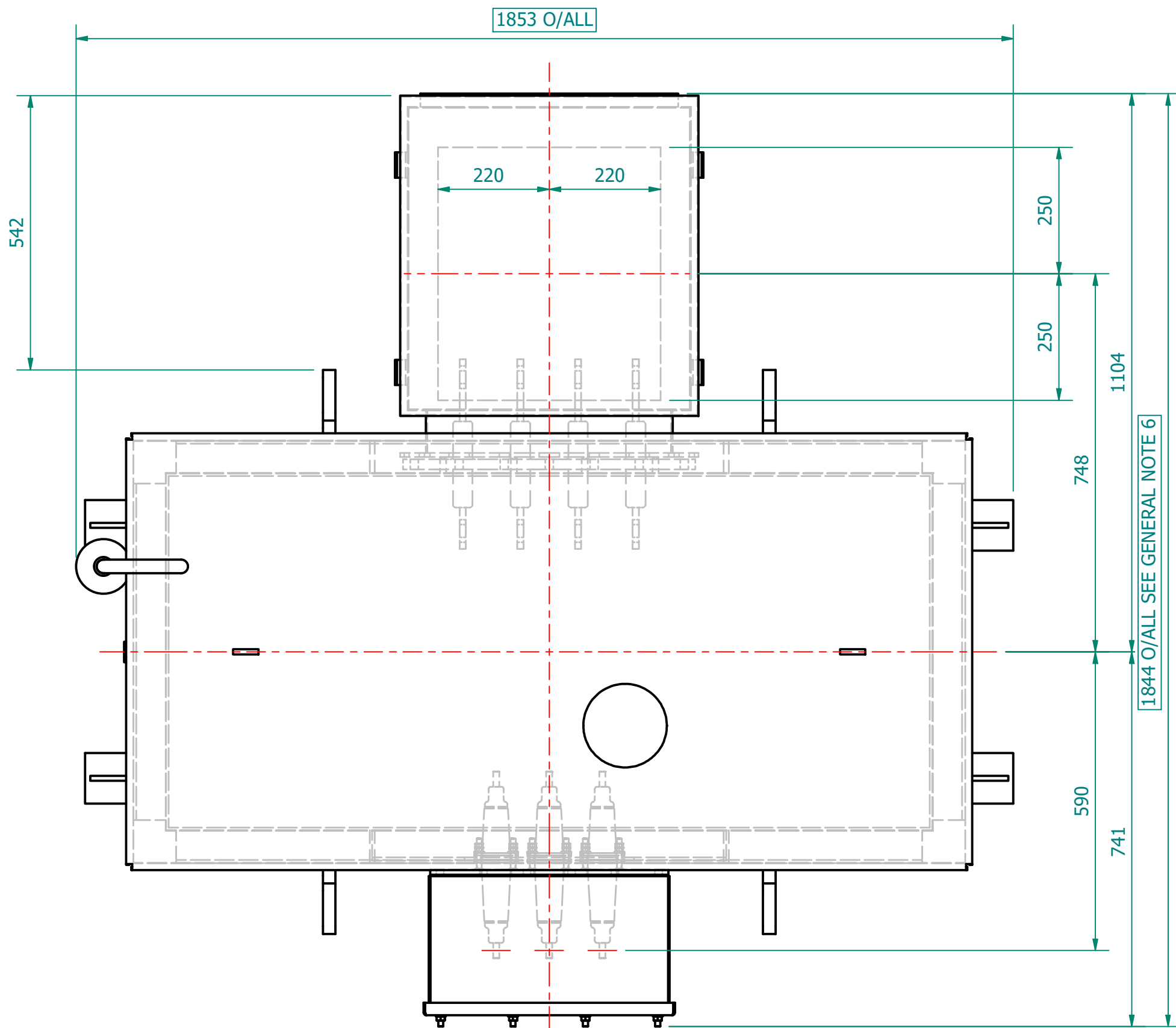
VIEW ON TAP SWITCH END



VIEW ON LV SIDE
PHASE ROTATION
2W 2V 2U 2N



PLAN VIEW



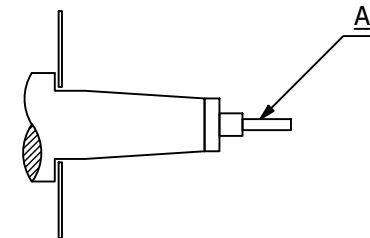
GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	1360
TANK AND FITTING	kg	690
COOLING LIQUID VOLUME	L	1044
COOLING LIQUID WEIGHT	kg	1013
TOTAL TX WEIGHT	kg	3063
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	kg	--

ESSENTIAL LABELS

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

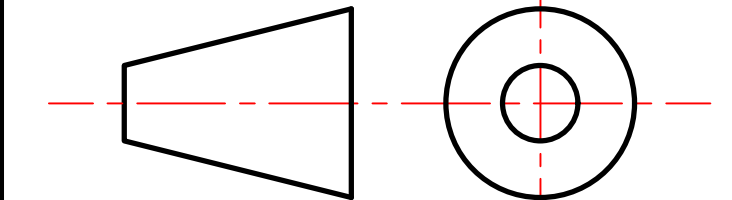


HV TERMINAL DETAILS (01)		
0 - 250A	A = M12	20 NM
251 - 400A	A = M16	25 NM

315kVA			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	16.533A	438.23A
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%	215W	1940W	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					

ITEM	QTY	DESCRIPTION
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

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



BASED ON:

REVISION HISTORY				
REV	REV BY	VERIFIED	APPROVED	DESCRIPTION

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

DRAWING TITLE
GENERAL ARRANGEMENT DRAWING FOR
315kVA 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-E4-315-AL-A001-KNAN

SHEET 1 OF 1