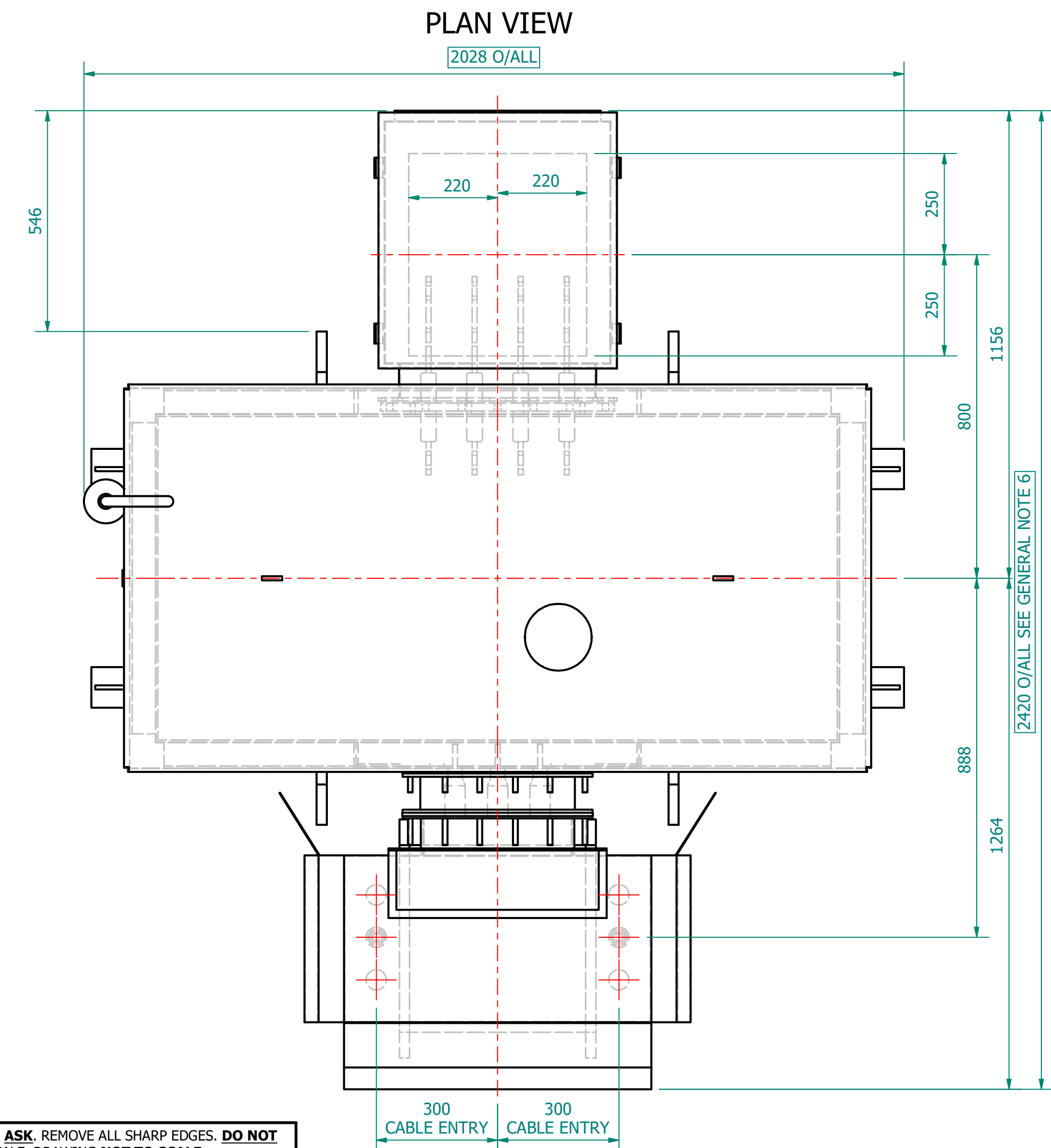
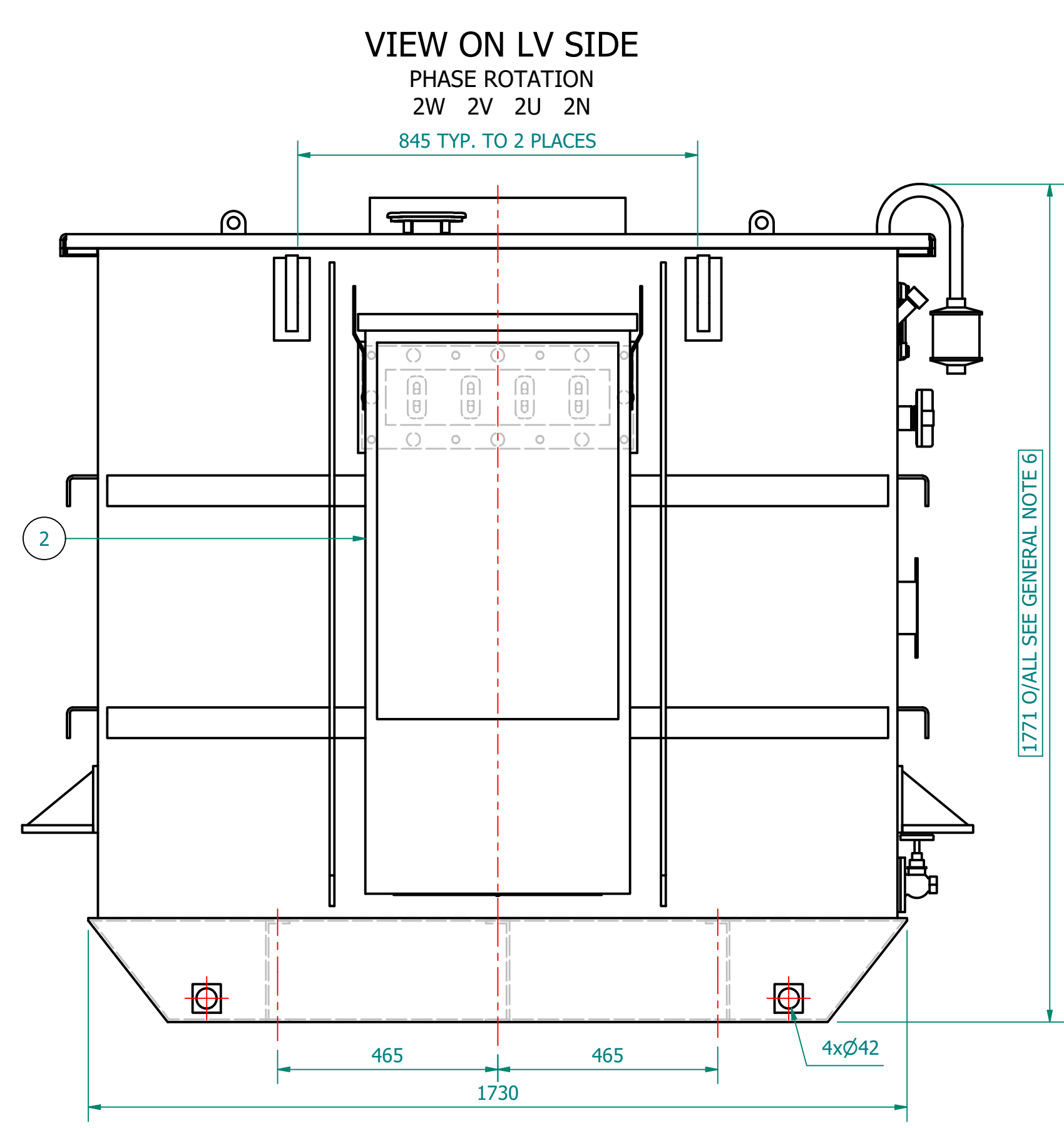
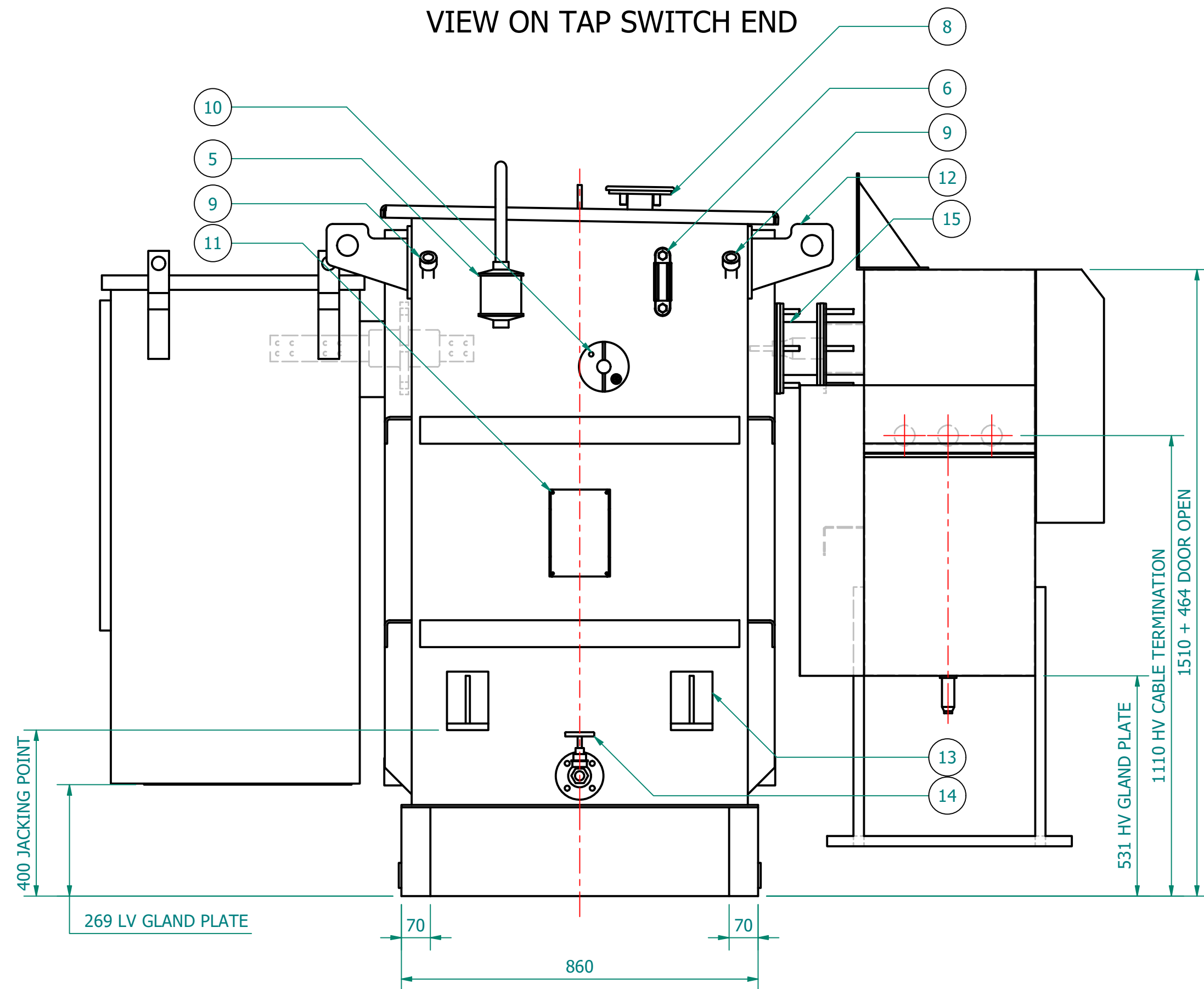
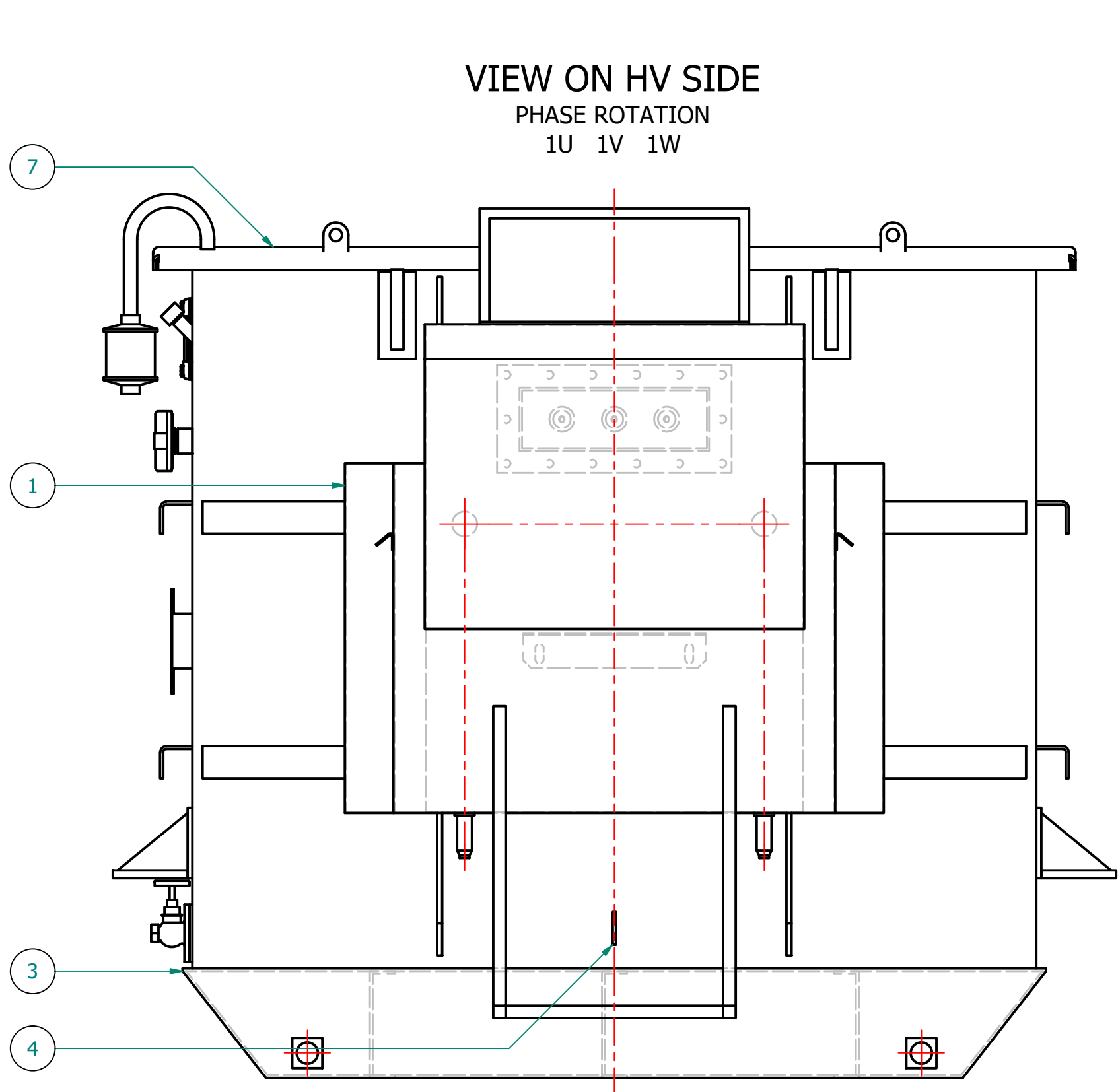




GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



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		
HV UNIT	kg	385
LV UNIT	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					

ITEM	QTY	DESCRIPTION
15	1	HV THROAT
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 RMU - 11kV, 200A, GCB, 630A BUS [Schneider RN2d-T1/21] TLF PROTECTION, (FACING-'E' BS:2562)

ESSENTIAL LABELS

ITEM 10 TAP CHANGER WARNING LABEL

ITEM 6 COLD COOLANT LEVEL

ITEM 2 LV WARNING LABEL

ITEM 1 HV WARNING LABEL

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

	REVISION HISTORY				CURRENT REVISION	REVISION DESCRIPTION		REV 00	PROJECT CUSTOMER	S.O. NUMBER	P.O. NUMBER	W.O. NUMBER	DRAWING TITLE GENERAL ARRANGEMENT DRAWING FOR 800kVA 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.: WPS-E4-800-AL-A003-KNAN	SHEET 1 OF 1										
	REV	REV BY	VERIFIED	APPROVED		ORIGINAL																					
BASED ON:				DESCRIPTION				DATE 24-MAR-2026																			