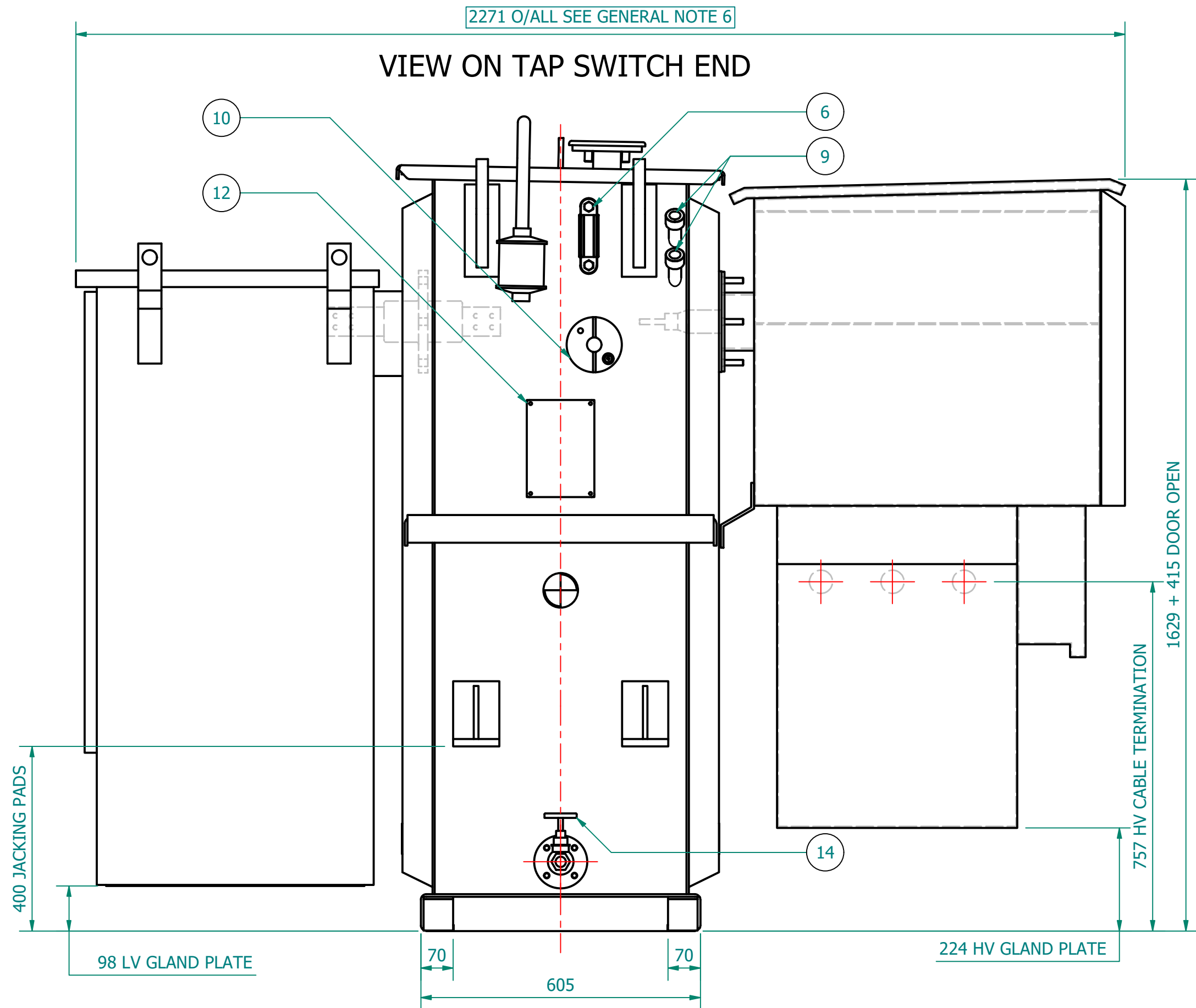
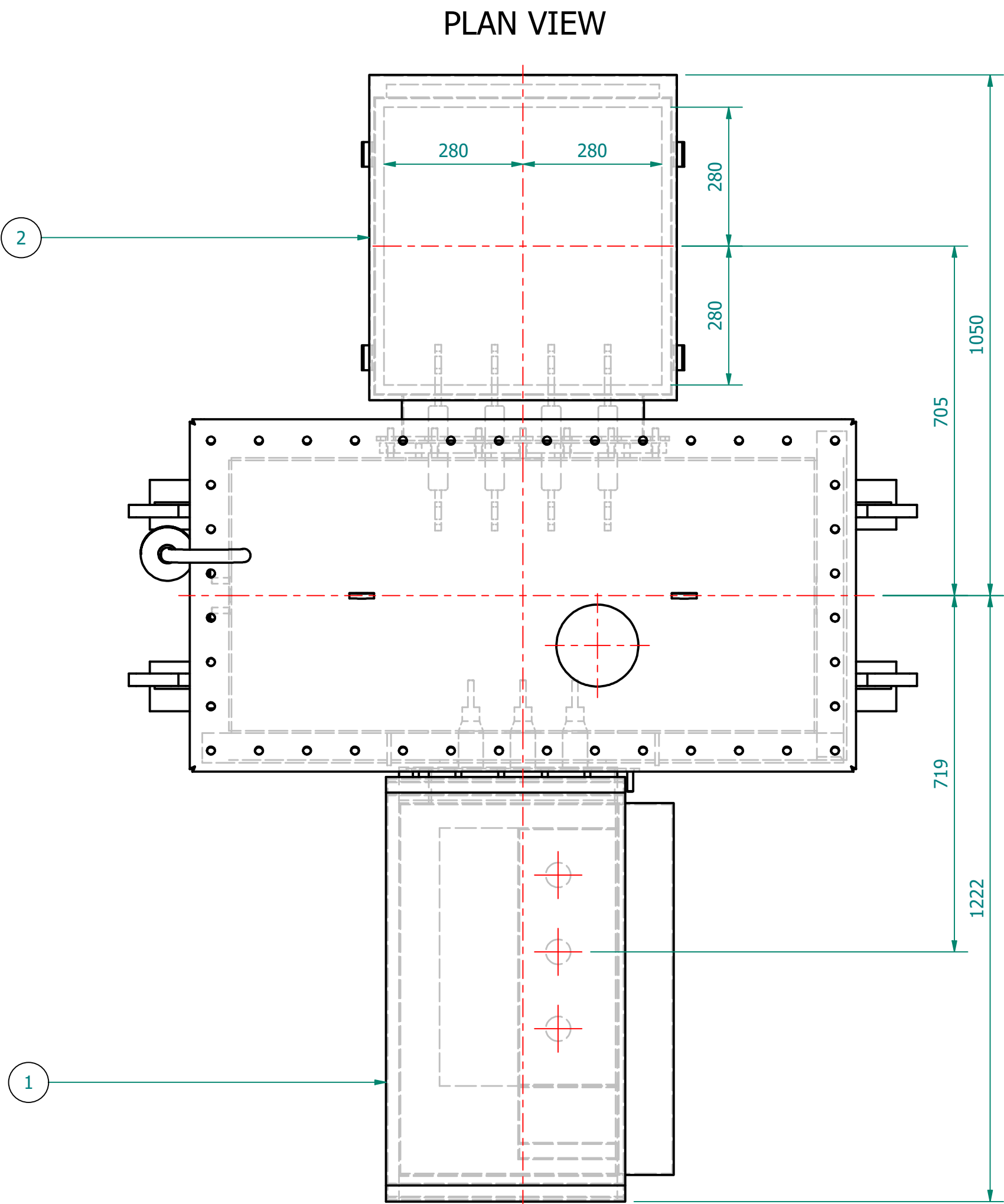
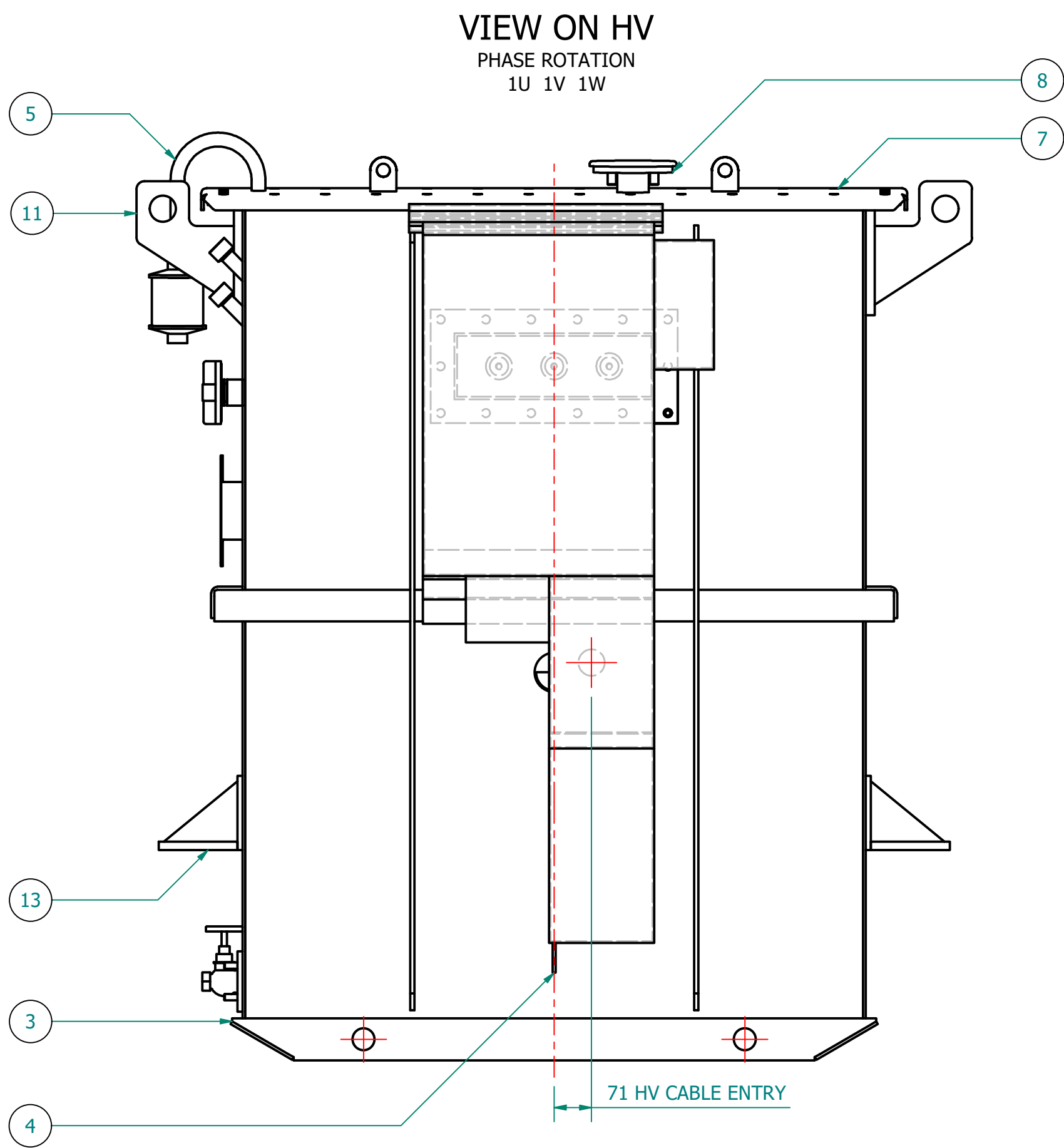
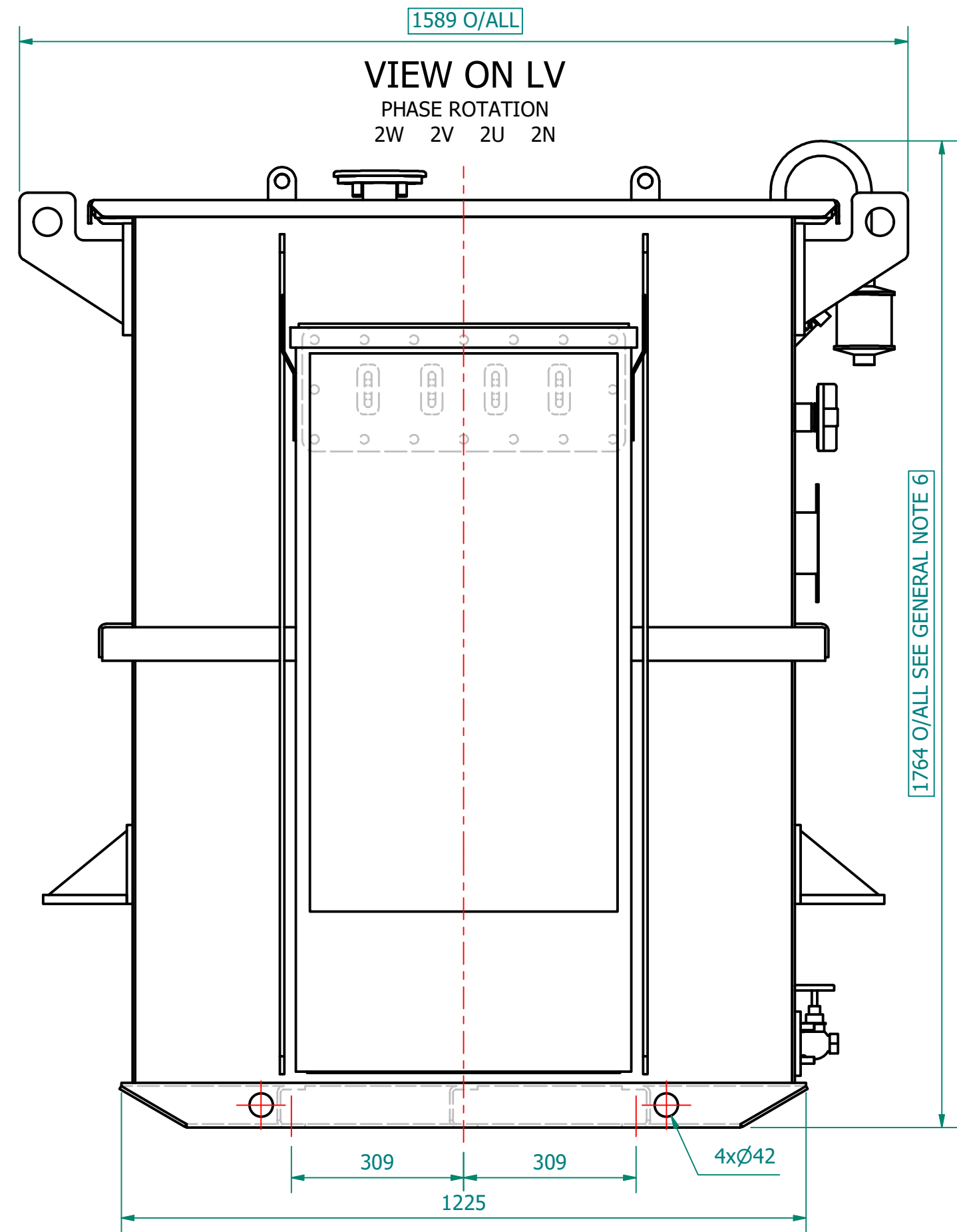




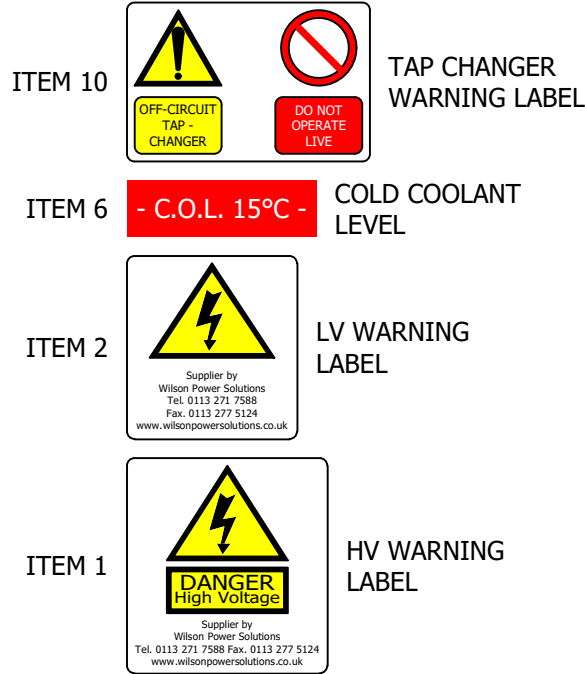
GENERIC LV CABINET SHOWN.
SIZES MAY CHANGE.
FINAL DESIGN MAY REQUIRE SEPARATION
FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	960
TANK AND FITTING	kg	580
COOLING LIQUID VOLUME	L	685
COOLING LIQUID WEIGHT	kg	560
TOTAL TX WEIGHT	kg	2100
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	kg	280
LV UNIT	kg	--

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 / 433V	+5.0 to -5.0% in 2.5% INCREMENTS	Dyn11	50Hz	16.533A	420.012A
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%	324W	2800W	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 DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.					
7					
8					
9					

ESSENTIAL LABELS



14	1	DRAIN VALVE (25NB) with MALE PLUG
13	4	JACKING PADS
12	1	RATING & DIAGRAM PLATE (SS)
11	4	TRANSFORMER LIFTING LUGS
10	1	OFF-CIRCUIT TAP SWITCH (5-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 BREATHER 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 - SUBJECT TO CHANGE, (FACING-'F', BS:2562)
1	1	HV SWITCH/BREAKER, 630A/200A, [Schneider: SN6/CN2] (FACING-'E' BS:2562)
ITEM	QTY	DESCRIPTION

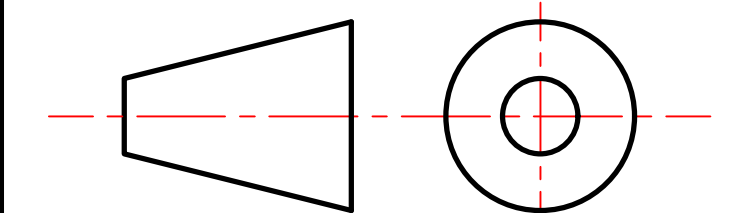
PARTS LIST



web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk

DRAWN BY: RAMESH J DATE: 28/11/2025 DRG NO: WPS-T2-315-AL-GA-005

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



BASED ON:

LAST DEFINITION			
REV	REV BY	VERIFIED	APPROVED

REVISION DESCRIPTION		REV	PROJECT
ORIGINAL		00	CUSTOMER
			S.O. NUMBER
			P.O. NUMBER
			W.O. NUMBER

DRAWING TITLE	
GENERAL ARRANGEMENT DRAWING FOR	
315kVA WILSON T2 ECOTRANS	
11000/433V, 50Hz, Dyn11, ONAN	
AL WOUND DISTRIBUTION TRANSFORMER	
SN6/CN2 & LV CABINET	