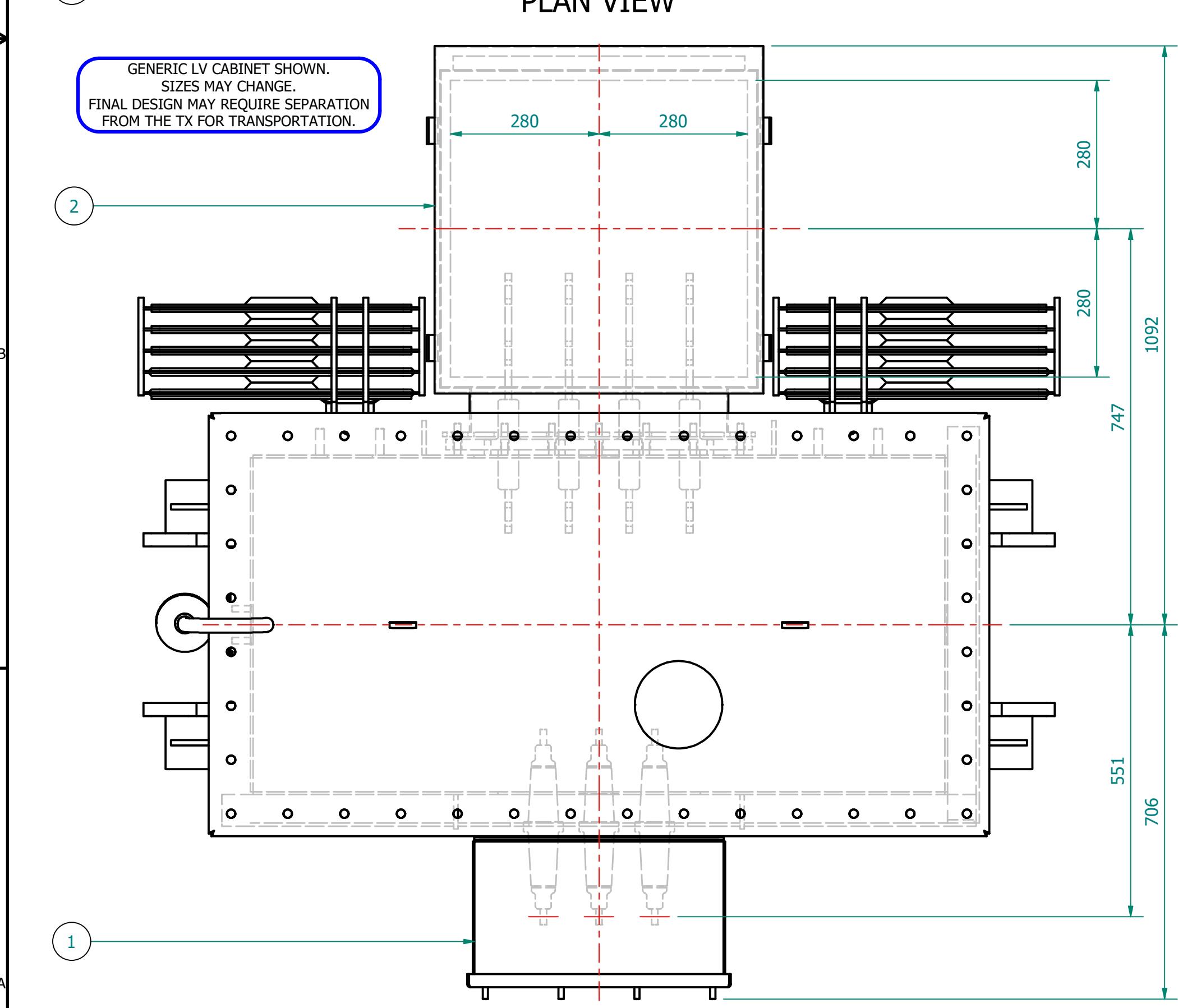
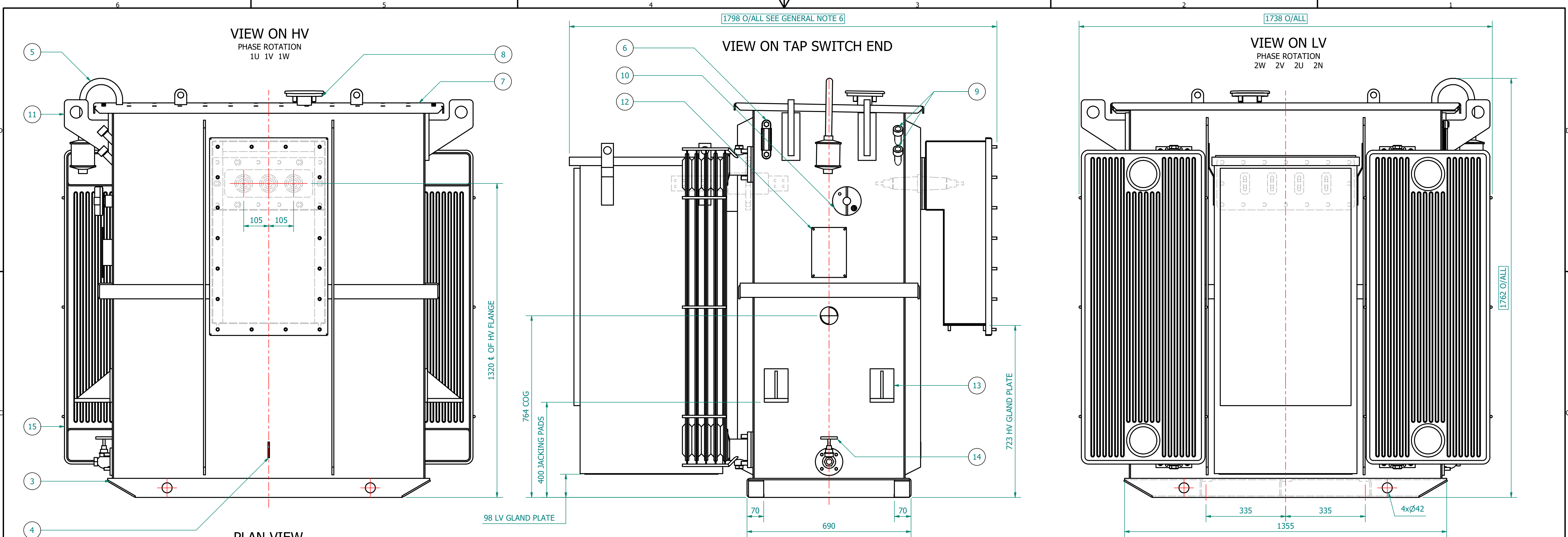




TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	2060
TANK AND FITTING	kg	820
COOLING LIQUID VOLUME	L	760
COOLING LIQUID WEIGHT	kg	620
TOTAL TX WEIGHT	kg	3500
ADDITIONS TO THE TRANSFORMER WEIGHT		
LV CABINET	Kg	-

1000KVA 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	52.49A	1333.37A
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%	693W	7600W	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 C4 SPEC.					
6 O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.					
7					
8					
9					

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

15	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 55 x 40P)
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 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, RATING? MCCB/ACB? (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

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

LAST DEFINITION				LAST REVISION				REVISION DESCRIPTION				REV				PROJECT				DRAWING TITLE				WILSON POWER SOLUTIONS Ltd.			
REV				REV				ORIGINAL				00				CUSTOMER				GENERAL ARRANGEMENT DRAWING FOR 1000kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET				Westland Square, Leeds, West Yorkshire LS11 5SS, United Kingdom			
REV BY				REV BY				J. NOVO				DATE				S.O. NUMBER				11-OCT-2022				Tel: +44 (0) 113 271 7588			
VERIFIED				VERIFIED								P.O. NUMBER				W.O. NUMBER								Fax: +44 (0) 113 277 5124			
APPROVED				APPROVED																				email: info@wilsonpowersolutions.co.uk			
DESCRIPTION				DESCRIPTION																				web: www.wilsonpowersolutions.co.uk			
																								DRAWN BY: J. NOVO			
																								DATE: 11/10/2022			
																								DRG NO: WPS-T2-1000-AL-A003			