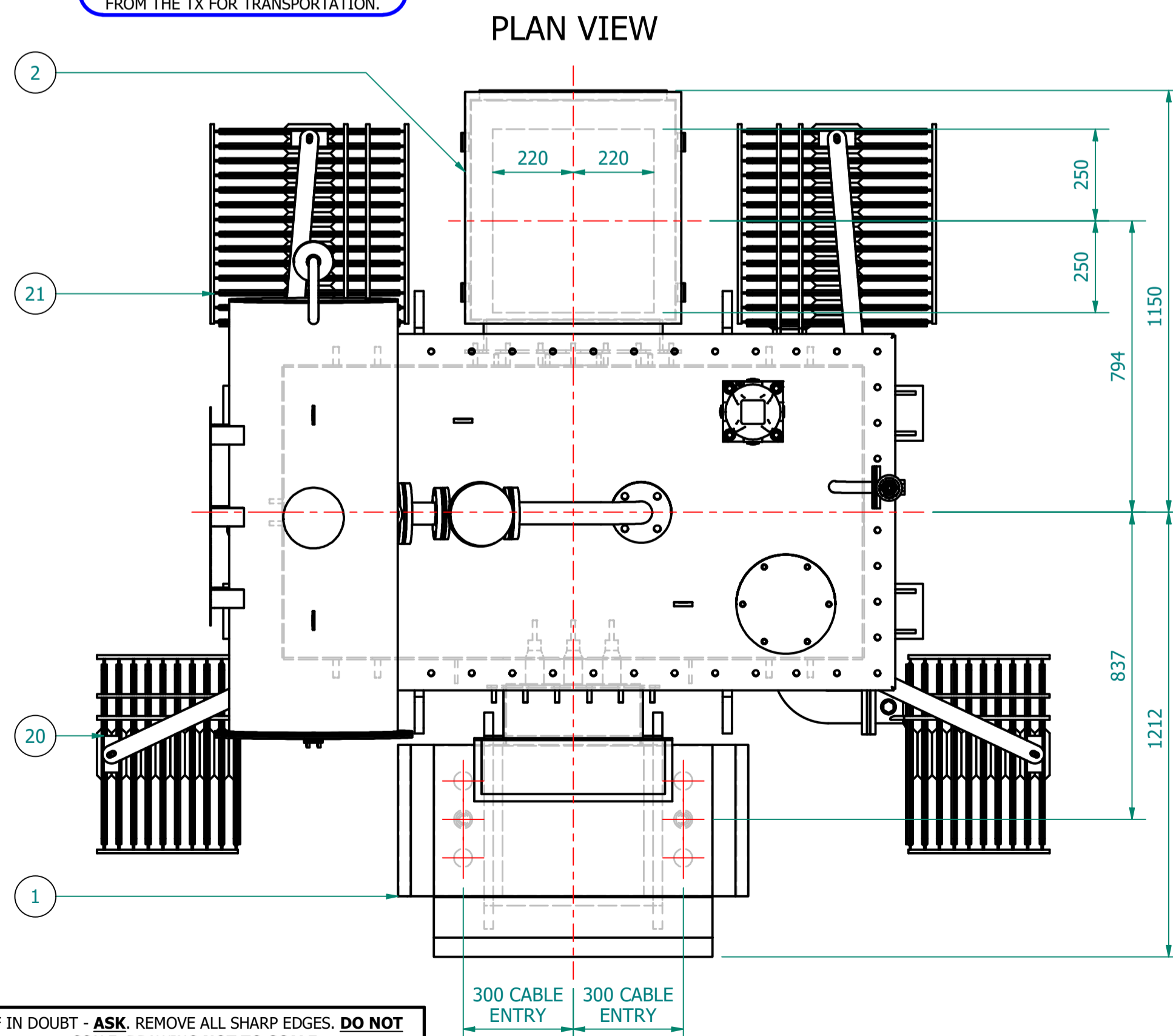


GENERIC LV CABINET SHOWN. SIZES MAY CHANGE. FINAL DESIGN MAY REQUIRE SEPARATION FROM THE TX FOR TRANSPORTATION.



TRANSFORMER WEIGHT & VOLUME		
CORE AND WINDING	kg	4040
TANK AND FITTING	kg	1900
COOLING LIQUID VOLUME	L	1790
COOLING LIQUID WEIGHT	kg	1460
TOTAL TX WEIGHT	kg	7400
ADDITIONS TO THE TRANSFORMER WEIGHT		
HV UNIT	Kg	385
LV CABINET	kg	----

3000kVA 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	157.459A	4000.117A
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.
6.0%	1886W	21961W	60°C	65°C	

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN 'mm'.
 - ALL DIMENSIONS/WEIGHTS ARE SUBJECT TO ± 10% TOLERANCE.
 - ELECTRONIC SCALE - 1:1 (ONLY WRITTEN DIMENSIONS TO BE FOLLOWED).
 - TOLERANCE ON IMPEDANCE PER IEC:60076.
 - PAINT SHADE.: 632 AS PER BS:381C (SEMI GLOSS) TO ISO12944 - MIN C4 SPEC.
 - O/ALL DIM IS SUBJECT TO EQUIPMENT DOOR OPENING DISTANCES.
 - EXTENDED ELBOWS FITTED TO HV SIDE.

ESSENTIAL LABELS

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

ITEM	QTY	DESCRIPTION
21	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 14S x 40P)
20	2	DETACHABLE RADIATORS with AIR-RELEASE & DRAIN PLUG (520W x 1200C x 10S x 40P)
19	1	DETACHABLE CONSERVATOR
18	1	PROVISION FOR PRESSURE RELIEF DEVICE
17	1	OIL FILLING VALVE WITH ONE SIDE FLANGED & PLUG
16	1	WTI CT BUSHING TERMINALS ENCLOSED IN BOX
15	1	BUCHHOLZ RELAY EE2 (WITH ALARM & TRIP CONTACT)
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	VOLTAGE CHANGE OVER SWITCH
9	2	THERMOMETER POCKET (3/4" BSP MALE THREAD)
8	1	SHUT OFF VALVE FOR CONSERVATOR
7	1	TOP COVER with LIFTING LUGS (x2)
6	1	OIL LEVEL GAUGE with 15° COLD OIL LEVEL MARK
5	1	AIR VENT PIPE (3/4") FOR DEHYDRANT BREATHER
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-Tx/21] x PROTECTION, (FACING-'E' BS:2526)

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

	LAST DEFINITION REV. BY: M. STOTSJK VERIFIED: APPROVED:	REVISION DESCRIPTION ORIGINAL	REV 00	PROJECT CUSTOMER S.O. NUMBER P.O. NUMBER W.O. NUMBER	DRAWING TITLE GENERAL ARRANGEMENT DRAWING FOR 3000kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER LV CABINET & RN2d		Wilson Power Solutions Ltd. Westland Square, Leeds, West Yorkshire LS11 5SS, United Kingdom Tel: +44 (0) 113 271 7588 Fax: +44 (0) 113 277 5124 web: www.wilsonpowersolutions.co.uk email: info@wilsonpowersolutions.co.uk
	DRAWN BY: M. STOTSJK DATE: 22/08/2021 DRG NO: WPS-T2-3000-AL-A007						