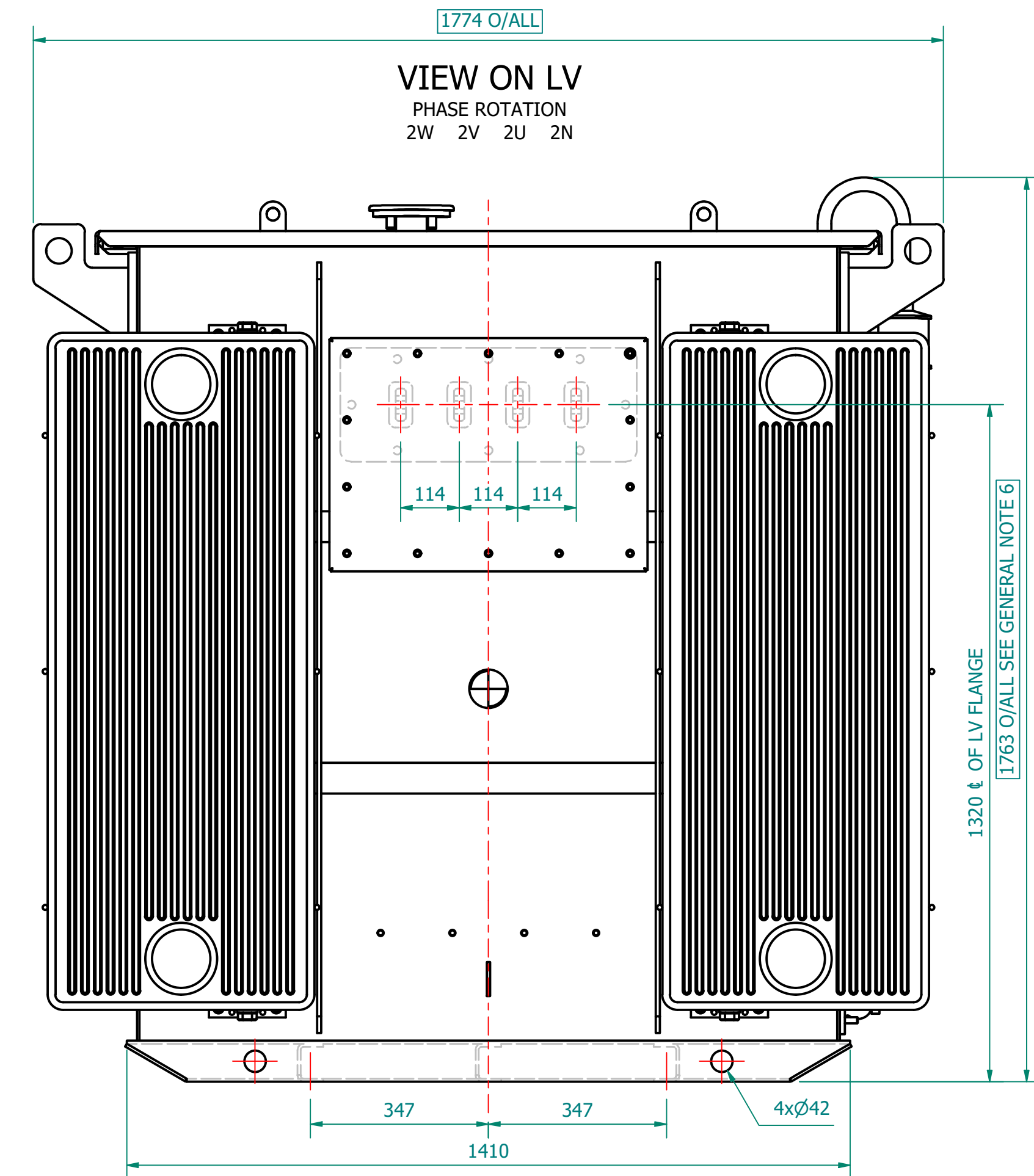
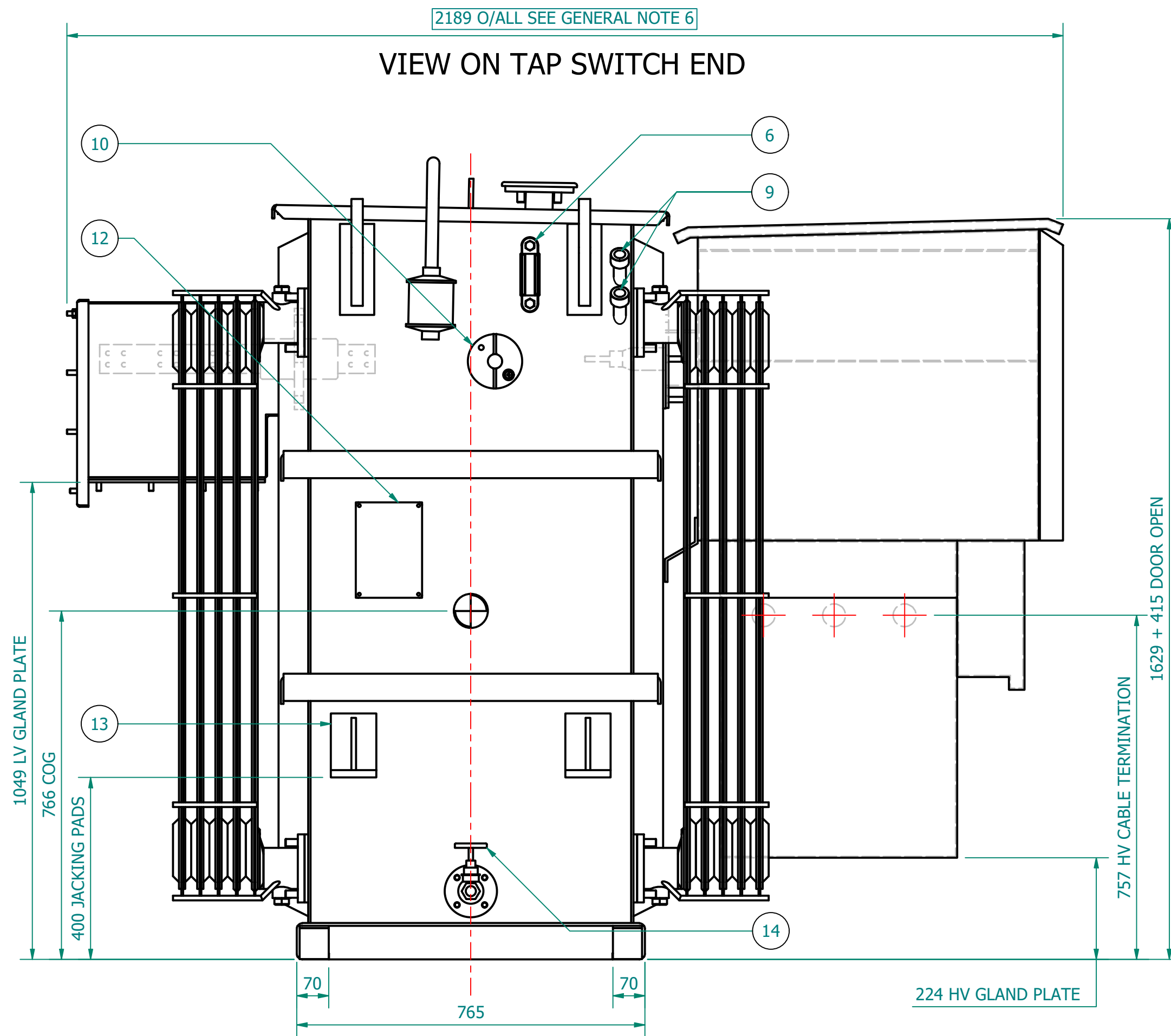
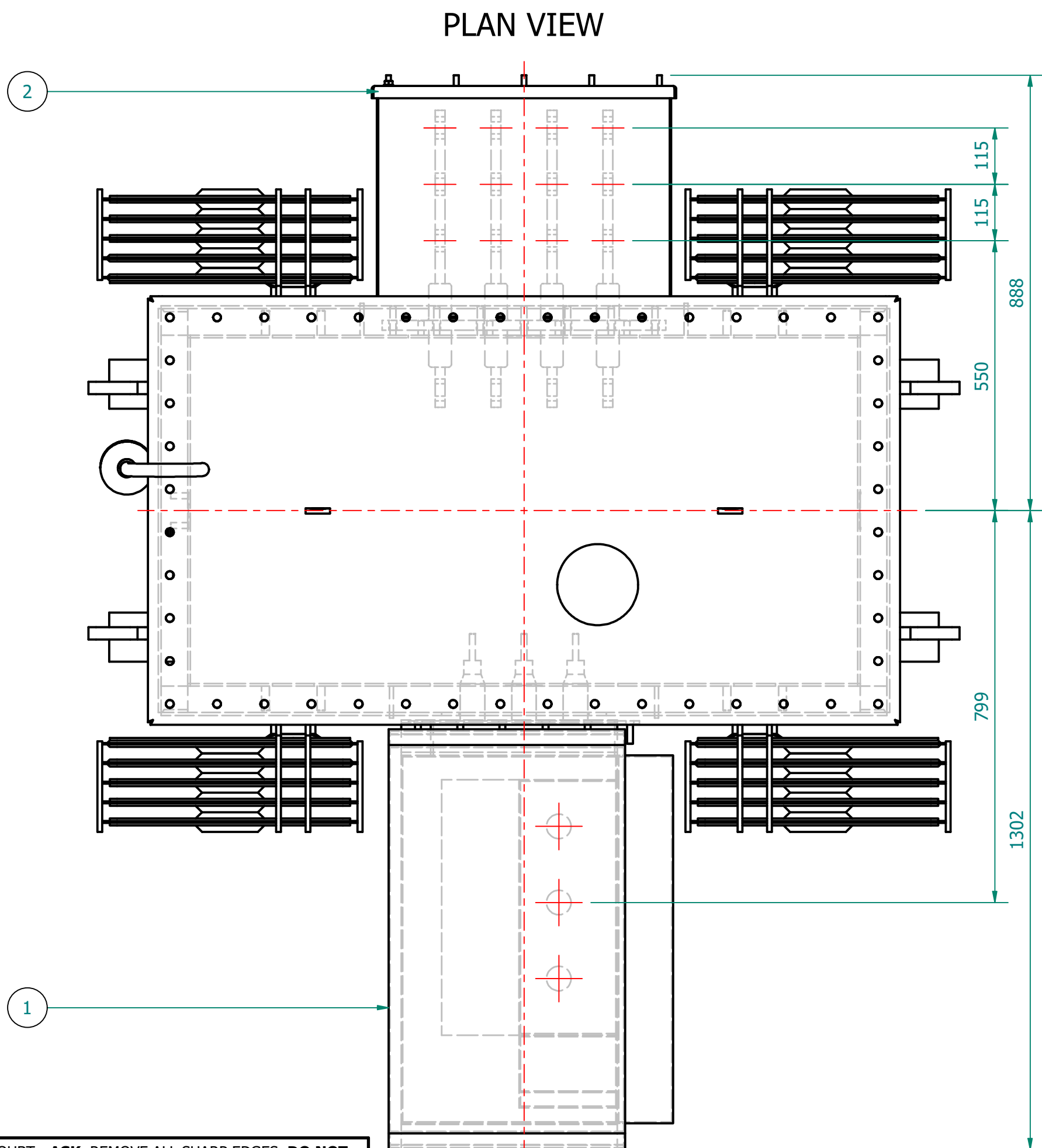
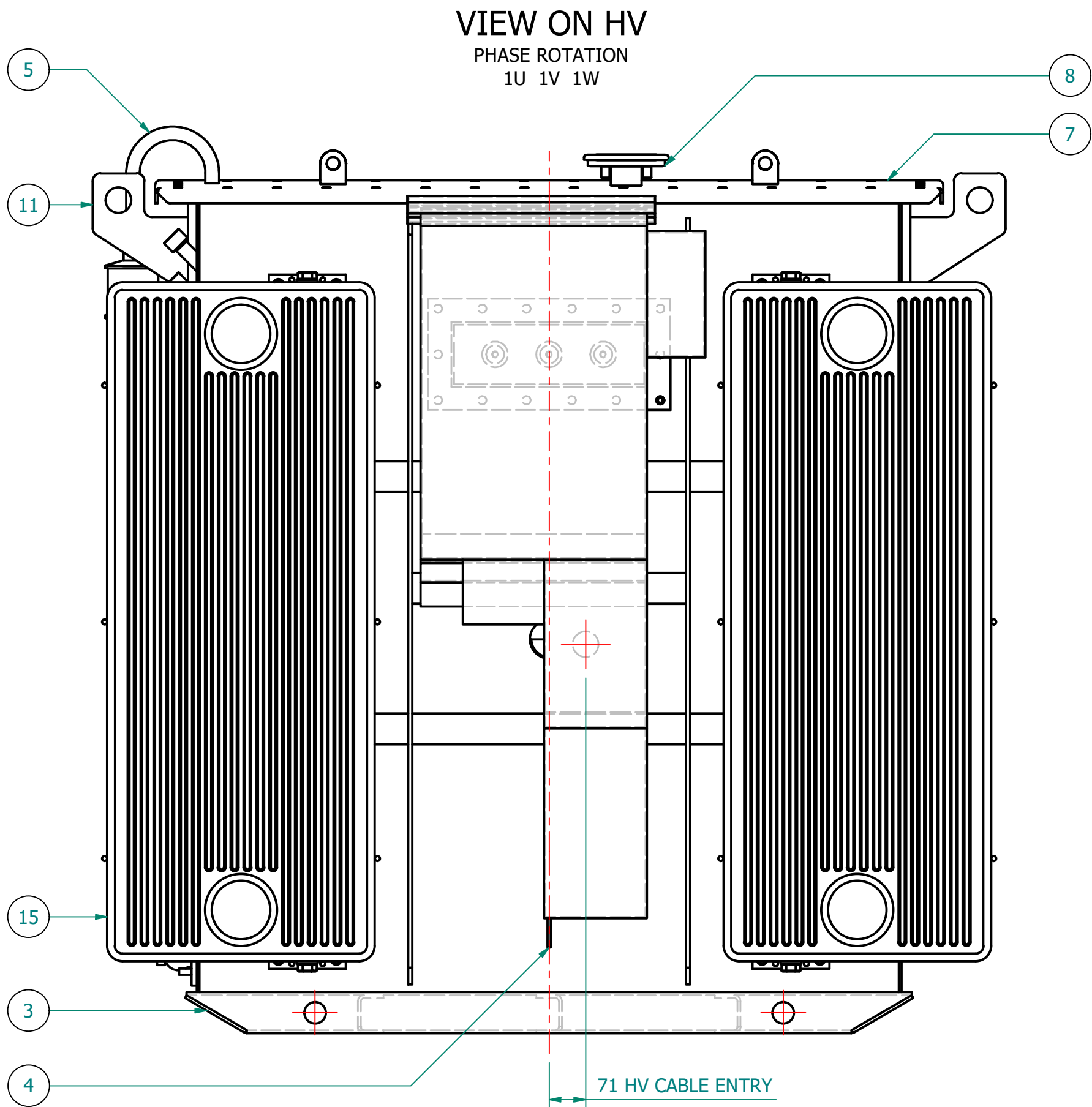
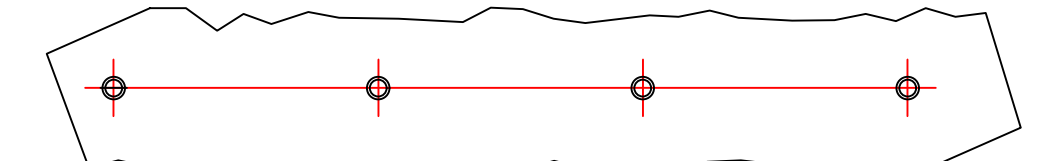




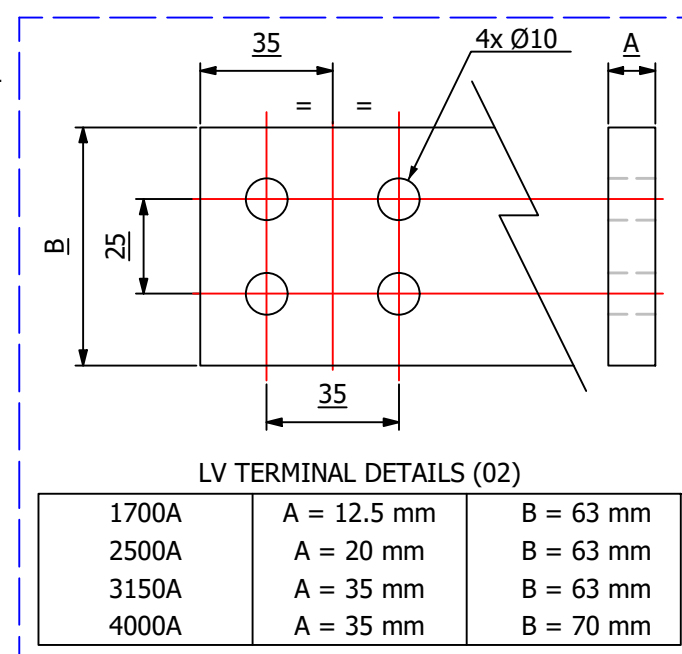
| TRANSFORMER WEIGHT & VOLUME         |    |      |
|-------------------------------------|----|------|
| CORE AND WINDING                    | kg | 2545 |
| TANK AND FITTING                    | kg | 1020 |
| COOLING LIQUID VOLUME               | L  | 900  |
| COOLING LIQUID WEIGHT               | kg | 735  |
| TOTAL TX WEIGHT                     | kg | 4300 |
| ADDITIONS TO THE TRANSFORMER WEIGHT |    |      |
| HV UNIT                             | Kg | 280  |

VIEW OF LV SIDE - CABLE CLEAT STUDS  
CABLES MUST BE SUPPORTED IN ACCORDANCE WITH  
CURRENT IET Wiring Regulations BS7671 & IEC 61914



#### ESSENTIAL LABELS

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



| 1500kVA 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                          | 78.730A                         | 2000.059A |
| 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.                 |           |
| 5.5%                                                                        | 1015W                                       | 11285W                                            | 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                                                                           |                                             |                                                   |                               |                                 |           |

| ITEM | QTY | DESCRIPTION                                                                                                                  |
|------|-----|------------------------------------------------------------------------------------------------------------------------------|
| 15   | 4   | 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 CABLE BOX - 1.1kV, 4-POLE, AIR INSULATION, (FACING-'F', BS:2562) SUITABLE FOR 3 x 1c CABLES PER PHASE & N - MAX. 630mm.sq |
| 1    | 1   | HV SWITCH/BREAKER, 630A/200A, [Schneider: SN6/CN2] (FACING-'E' BS:2562)                                                      |

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

| LAST DEFINITION |        |          |          |             |
|-----------------|--------|----------|----------|-------------|
| REV             | REV BY | VERIFIED | APPROVED | DESCRIPTION |
|                 |        |          |          |             |
|                 |        |          |          |             |
|                 |        |          |          |             |
|                 |        |          |          |             |

| REVISION DESCRIPTION |             |
|----------------------|-------------|
| ORIGINAL             |             |
| REV. BY:             | M. STOTSJUK |
| VERIFIED:            |             |
| APPROVED:            |             |

| REV         | 00          |
|-------------|-------------|
| DATE        | 07-APR-2021 |
| PROJECT     |             |
| CUSTOMER    |             |
| S.O. NUMBER |             |
| P.O. NUMBER |             |
| W.O. NUMBER |             |

| DRAWING TITLE                                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|
| GENERAL ARRANGEMENT DRAWING FOR 1500kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER SN6/CN2 |  |

| DRAWING TITLE                                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|
| GENERAL ARRANGEMENT DRAWING FOR 1500kVA WILSON T2 ECOTRANS 11000/433V, 50Hz, Dyn11, ONAN/KNAN AL WOUND DISTRIBUTION TRANSFORMER SN6/CN2 |  |

| PARTS LIST                                                                                                                                                                                                                 |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 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. STOTSJUK                                                                                                                                                                                                      | DATE: 07/04/2021 |
| DRG NO: WPS-T2-1500-AL-A002                                                                                                                                                                                                |                  |