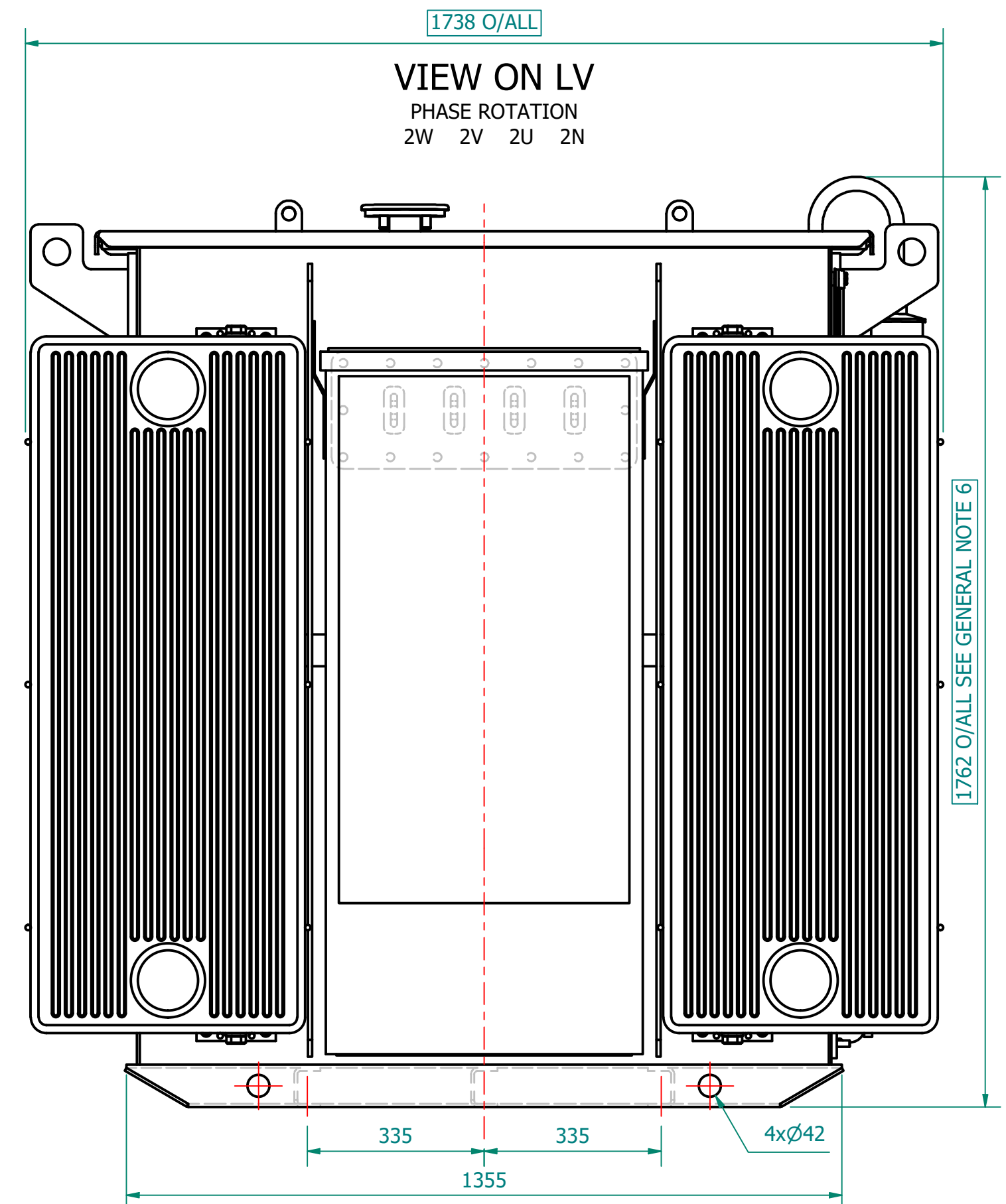
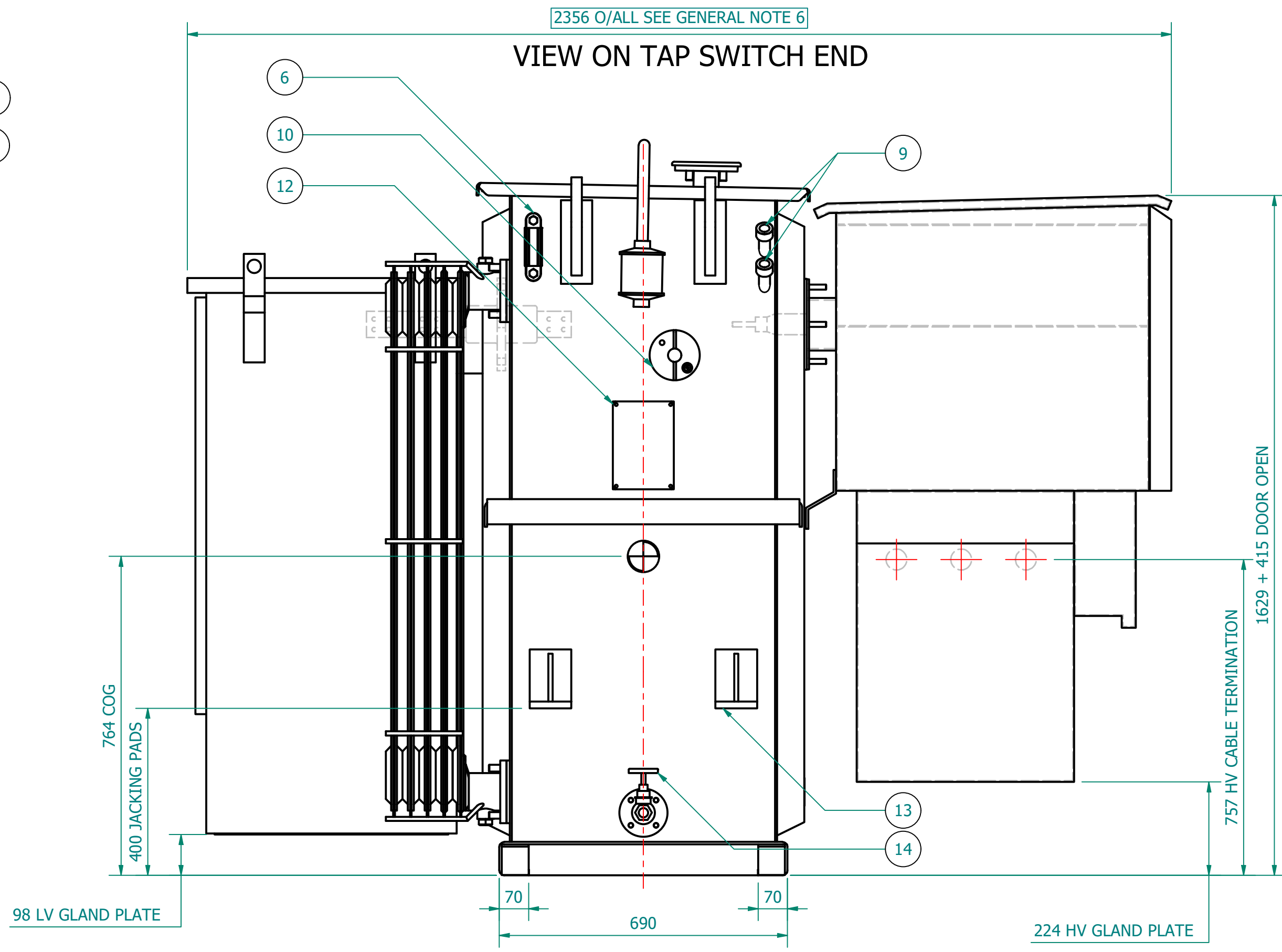
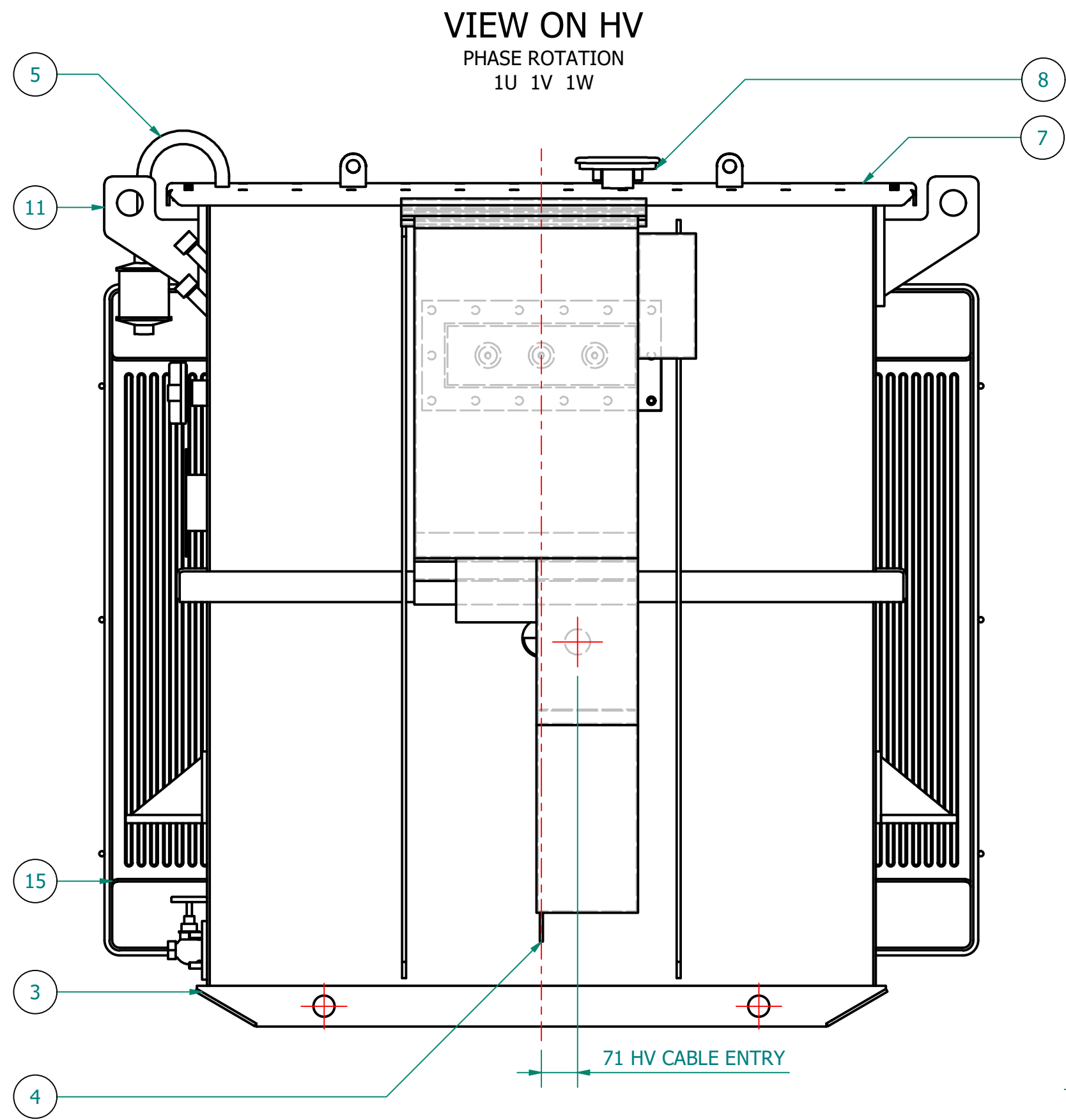
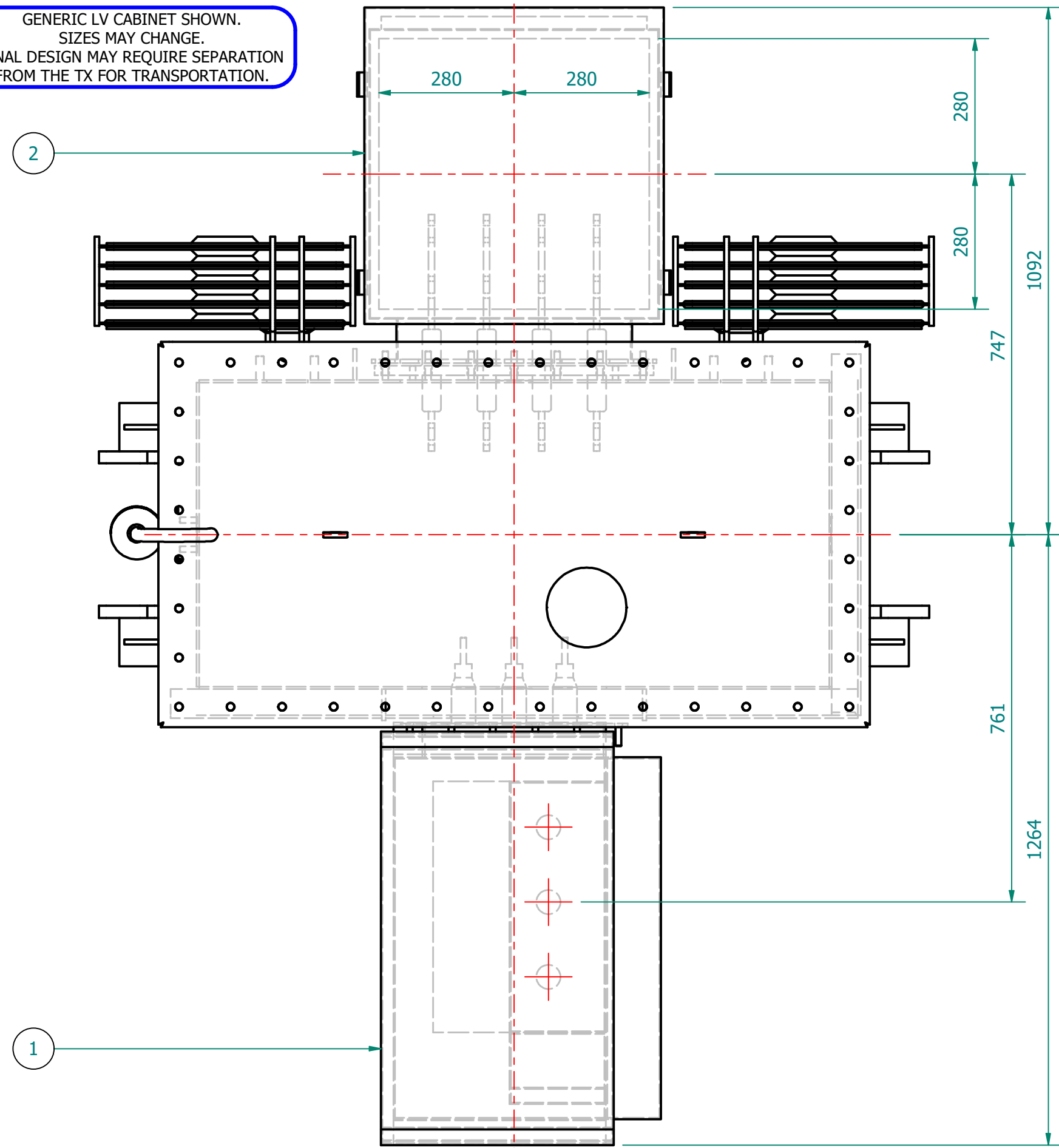




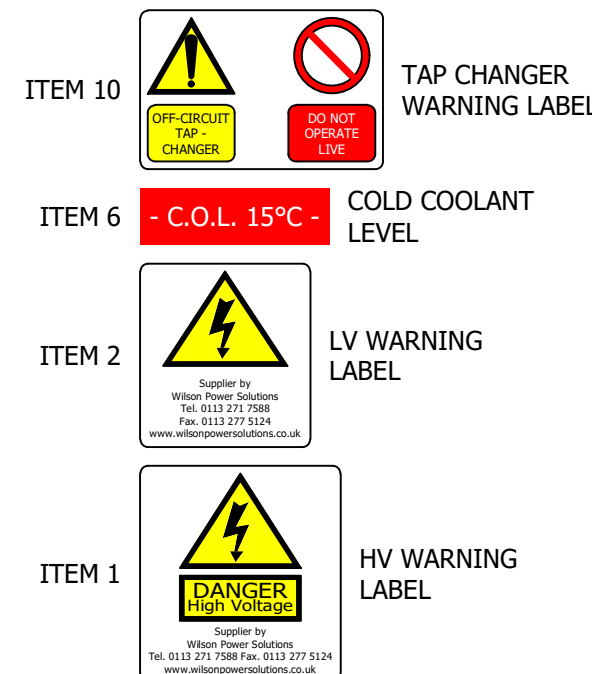
PLAN VIEW

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



| 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 |    |      |
| HV UNIT                             | Kg | 280  |
| LV CABINET                          | kg | -    |

ESSENTIAL LABELS



| 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                                   |                                                                          |                                                   |                               |                                 |                 |

|      |     |                                                                              |
|------|-----|------------------------------------------------------------------------------|
| 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 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

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DRAWN BY: M. STOTSJUK DATE: 07/04/2021 DRG NO: **WPS-T2-1000-AL-A005**

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

| REVISION DESCRIPTION |  | REV               | PROJECT     |
|----------------------|--|-------------------|-------------|
| ORIGINAL             |  | 00                | CUSTOMER    |
|                      |  |                   | S.O. NUMBER |
|                      |  |                   | P.O. NUMBER |
|                      |  |                   | W.O. NUMBER |
| REV. BY: M. STOTSJUK |  | DATE: 07-APR-2021 |             |
| VERIFIED:            |  |                   |             |
| APPROVED:            |  |                   |             |

DRAWING TITLE

GENERAL ARRANGEMENT DRAWING FOR  
1000kVA WILSON T2 ECOTRANS  
11000/433V, 50Hz, Dyn11, ONAN/KNAN  
AL WOUND DISTRIBUTION TRANSFORMER  
LV CABINET & SN6/CN2