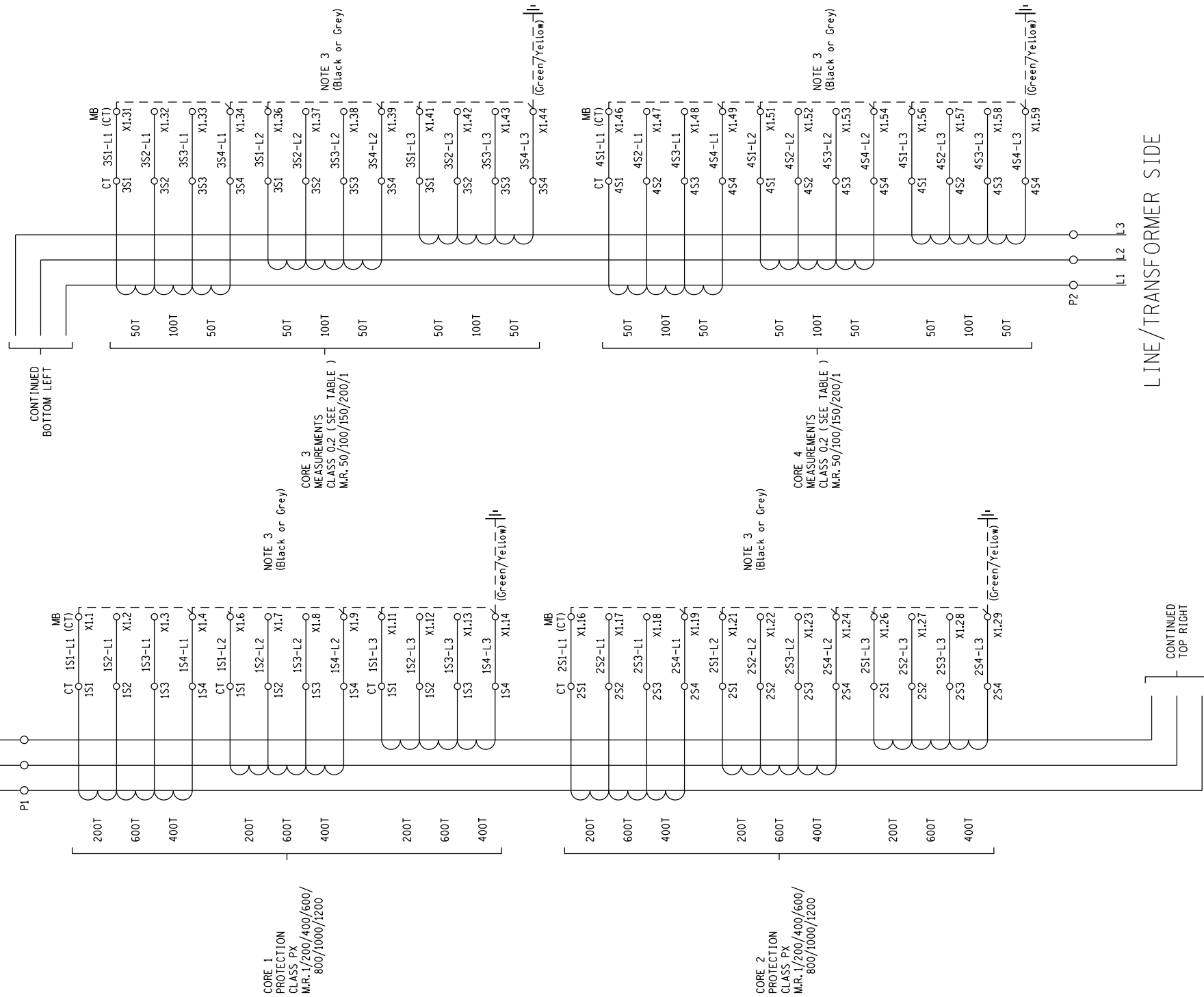
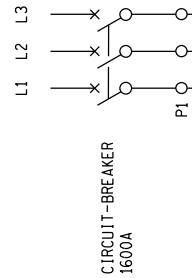




LINE/TRANSFORMER SIDE

1. MB(CT) = CIRCUIT-BREAKER MECHANISM BOX CURRENT TRANSFORMER TERMINAL.
2. CURRENT TRANSFORMERS ARE SPECIFIED TO IEC 61869-2.
3. CIRCUIT-BREAKERS ARE TO BE DELIVERED WITH CURRENT TRANSFORMER CIRCUITS SHORTED AND EARTHED (i.e. CONNECTED TO THE CIRCUIT-BREAKER EARTHING STUD) AS INDICATED.

| TAPPING | RATIO | CLASS | BURDEN |
|---------|-------|-------|--------|
| S1 - S2 | 50/1  | 0,5   | 2,5 VA |
| S2 - S3 | 100/1 | 0,2   | 2,5 VA |
| S1 - S3 | 150/1 | 0,2   | 5 VA   |
| S1 - S4 | 200/1 | 0,2   | 5 VA   |

| TAPPING | RATIO   | CLASS | MIN $V_k$ | MAX $I_e$ | MAX $R_s$<br>at 75 °C |
|---------|---------|-------|-----------|-----------|-----------------------|
| S1 - S2 | 1/200T  | PX    | 83,3 V    | 300 mA    | 1 Ohm                 |
| S3 - S4 | 1/400T  | PX    | 167 V     | 150 mA    | 2 Ohms                |
| S2 - S3 | 1/600T  | PX    | 250 V     | 100 mA    | 3 Ohms                |
| S1 - S3 | 1/800T  | PX    | 333 V     | 75 mA     | 4 Ohms                |
| S2 - S4 | 1/1000T | PX    | 417 V     | 60 mA     | 5 Ohms                |
| S1 - S4 | 1/1200T | PX    | 500 V     | 50 mA     | 6 Ohms                |

|     |                                                                                                                            |     |      |      |            |                    |  |
|-----|----------------------------------------------------------------------------------------------------------------------------|-----|------|------|------------|--------------------|--|
| 6   | OUT DOOR BREAKER WIRING COMBO APPLICATION CT's                                                                             | MG  | HS   | SvZ  | /07/2019   |                    |  |
| 5   | ALL 1200A APPLICATION SHEETS MOVED TO D-DT-540B. NEW SHEET FOR 200V APPLICATION. PREVIOUS SHEET 1 INCORPORATED IN SHEET 2. | SvZ | RK   | SvZ  | 30/07/2010 |                    |  |
| 4   | -                                                                                                                          | -   | -    | -    | -          |                    |  |
| 3   | -                                                                                                                          | -   | -    | -    | -          |                    |  |
| 2   | TERMINAL NUMBERS REVISED.                                                                                                  | VvZ | PAG  | SvZ  | 01/06/2005 |                    |  |
| 1   | COMPASS REMOVED.                                                                                                           | VvZ | PAG  | PAG  | 19/02/2003 |                    |  |
| 0   | DRAWING NO. CHANGED FROM D-DT-5046.                                                                                        | VvZ | PAG  | PAG  | 19/02/2003 |                    |  |
| REV | REVISION DESCRIPTION                                                                                                       | BY  | CHKD | AUTH | DATE       | REFERENCE DRAWINGS |  |



COMBO

OUTDOOR APPLICATION

1600A FEEDER BRKR 22kV (LOW)

MR200 & 1200/1 CT SPEC & WIRING

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| PROJECT APPROVED<br>-            | DESIGN APPROVED<br>P.A. GERBER                 |
| DATE / /<br>PROJECT CHECKED<br>- | DATE 19/02/03<br>DESIGN CHECKED<br>P.A. GERBER |
| DATE / /<br>DRAWN BY<br>-        | DATE 19/02/03<br>RE-DRAWN BY<br>S.J. van ZYL   |
| DATE / /<br>SCALE                | DATE 3/3/2010<br>NOT TO SCALE                  |

|           |            |              |          |
|-----------|------------|--------------|----------|
|           | SET NUMBER | SHEET NUMBER | REVISION |
| D-DT-5407 | 12         | 8            | 6        |