

|                                     |                |
|-------------------------------------|----------------|
| AMENDMENTS                          |                |
| A                                   | ORIGINAL ISSUE |
| J R No.                             | NA             |
| DR'N                                | C.R.T.         |
| CH'D                                | C.R.T.         |
| DATE                                | 03-8-95        |
| JR No                               | 950099         |
| AERIAL & GROUND STAYS DRG Nos ADDED |                |
| SEO                                 | C.H.B.         |
| DR'N                                | C.R.T.         |
| CH'D                                | C.R.T.         |
| DATE                                | 10-12-96       |
| JR No                               | 960080         |
| SHEET WAS A2                        |                |
| MPDO                                | CHB            |

| AERIAL STAY CODES AND LOADINGS |            |                  |          |                           |
|--------------------------------|------------|------------------|----------|---------------------------|
| AERIAL STAY CODE               | DRAWING No | SINGLE OR DOUBLE | DIAMETER | SUM OF CONDUCTOR TENSIONS |
| A1                             | 011991     | SINGLE           | 12       | 30kN                      |
| A2                             | 011991     | DOUBLE           | 12       | 60kN                      |
| A3                             | 011991     | DOUBLE           | 16       | 90kN                      |

| GROUND STAY CODES AND LOADINGS |            |                   |                  |          |                           |                 |                                                                                                      |
|--------------------------------|------------|-------------------|------------------|----------|---------------------------|-----------------|------------------------------------------------------------------------------------------------------|
| GROUND STAY CODE               | DRAWING No | STAY ROD DIAMETER | STAY WIRE        |          | SUM OF CONDUCTOR TENSIONS |                 | ANCHORAGE TYPES<br>(REFER GROUND STAY ANCHORAGE<br>DETAIL DRG FOR EXPLANATION<br>OF ANCHORAGE TYPES) |
|                                |            |                   | SINGLE OR DOUBLE | DIAMETER | STAY ANGLE 45EG           | STAY ANGLE 60EG |                                                                                                      |
| G1                             | 011987     | 20                | SINGLE           | 12       | 20kN                      | 15kN            | GR, CR, BL & CB                                                                                      |
| G2                             | 011988     | 20                | DOUBLE           | 12       | 30kN                      | 20kN            | GR, CR, BL & CB                                                                                      |
| G3                             | 011989     | 30                | DOUBLE           | 16       | 50kN                      |                 | GR, CR & BL                                                                                          |

| BED LOG ANCHORAGE (TYPE BL) MINIMUM LOG SIZES |            |                                         |                     |                   |                                         |                     |                   |
|-----------------------------------------------|------------|-----------------------------------------|---------------------|-------------------|-----------------------------------------|---------------------|-------------------|
| GROUND STAY CODE                              | DRAWING No | MINIMUM BED LOG SIZE<br>STAY ANGLE 45EG |                     |                   | MINIMUM BED LOG SIZE<br>STAY ANGLE 60EG |                     |                   |
|                                               |            | GOOD BEARING SOIL                       | MEDIUM BEARING SOIL | POOR BEARING SOIL | GOOD BEARING SOIL                       | MEDIUM BEARING SOIL | POOR BEARING SOIL |
| G1                                            | 011987     | 200 X 1200                              | 200 X 1200          | 200 X 1200        | 200 X 1200                              | 200 X 1200          | 200 X 1200        |
| G2                                            | 011988     | 200 X 1200                              | 200 X 1200          | 300 X 1900        | 200 X 1200                              | 200 X 1200          |                   |
| G3                                            | 011989     | 200 X 1200                              | 200 X 1200          |                   |                                         |                     |                   |

|                                                                                     |  |                                                                                                                 |  |                                                                         |  |                        |  |          |  |
|-------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|------------------------|--|----------|--|
|  |  |  <b>Endeavour<br/>Energy</b> |  | GROUND STAY ANCHORAGE DETAIL                                            |  | 011990                 |  |          |  |
| ORIGINAL SCALE NONE                                                                 |  |                                                                                                                 |  | DO NOT SCALE<br>DIMENSIONS IN MILLIMETRES                               |  | REFERENCE DRAWINGS     |  |          |  |
|  |  | APPROVED<br>C.BROWN                                                                                             |  | OVERHEAD CONSTRUCTION<br>11/22KV AERIAL & GROUND STAYS<br>DESIGN DETAIL |  | AUTHORISED<br>W.Isley  |  |          |  |
| DRAWN C.R.T.                                                                        |  |                                                                                                                 |  |                                                                         |  | ASSIST. G.M. ENG.      |  | 13-12-94 |  |
| DATE 13-12-94                                                                       |  |                                                                                                                 |  |                                                                         |  | A2P 011976             |  | C        |  |
| CH'D C.R.T.                                                                         |  |                                                                                                                 |  |                                                                         |  | SHEET No 1 OF 1 SHEETS |  |          |  |