

- NOTES :**
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE CONSTRUCTION SCHEDULE :
    - POLE LENGTH AND STRENGTH.
    - SPECIAL FOUNDATION REQUIREMENTS.
    - POLE EMBEDMENT DEPTH.
    - PHASE CONDUCTOR AND OVERHEAD EARTH WIRE SIZE.
    - VARIATIONS TO STANDARD CROSSARM REQUIREMENTS.
    - STAY REQUIREMENTS.
    - DEVIATION ANGLE.
    - ASSESSED EARTHING REQUIREMENTS.
  - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
  - WHEN DESIGNING UNDERBUILT CIRCUITS ON A 33KV STRUCTURE, THE POSSIBLE USE OF LIVE LINE WORKING PROCEDURES MUST BE CONSIDERED WHEN NOMINATING THE CIRCUIT SEPARATION TO ALLOW A MINIMUM CLEARANCE OF 2500mm IF REQUIRED.
  - THE OHEW IS TO BE BONDED TO AN M12 STAINLESS STEEL EARTH FERRULE ON THE CONCRETE POLE

1623  
1558  
1478  
1193  
103  
0  
200  
350  
505  
715  
1700  
1850  
2005  
3200  
3350  
3505

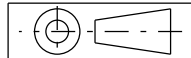
STAY LOCATION

2

3

SEE NOTE 4

1



DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. DO NOT SCALE.

|   |   |        |   |
|---|---|--------|---|
| 3 | EARTHWIRE - OVERHEAD, SUSPENSION ARRANGEMENT -4a                          | 514157 | 1 |
| 2 | INSULATOR - 66KV HORIZONTAL LINE POST, MOUNTING & BONDING ARRANGEMENT -3a | 514161 | 3 |
| 1 | POLE - CONCRETE (AS REQUIRED)   |        | 1 |

| ITEM | DESCRIPTION | DRG. No | QTY |
|------|-------------|---------|-----|
|------|-------------|---------|-----|

|  |                  |                   |                  |                         |                      |
|--|------------------|-------------------|------------------|-------------------------|----------------------|
| CAD DRAWING<br>DO NOT MANUALLY AMEND<br>AMENDMENTS | DWN: GARY HUGHES | CHKD: GARRY CRAIG | DATE: 15/10/2013 | AUSGRID BORDER APPLIED. | APP'D by: GLENN FORD |
|  | 1                |                   |                  |                         |                      |

NETWORK STANDARD

145 NEWCASTLE ROAD  
WALLSEND NSW 2287  
PHONE: 02 4951 9388  
FAX: 02 4951 9389

|              |                |
|--------------|----------------|
| DESIGNED     | PHIL JONES     |
| DRAWN        | PATRICIA RIOS  |
| CHECKED      | PHIL JONES     |
| AUTHORISED   | STEPHEN CONNOR |
| DATE         | 20/12/07       |
| SCALE        | 1:25           |
| MAP REF.     |                |
| LGA          |                |
| PROJECT No.  | STD            |
| PROJTRAK No. | STD            |

|  |                             |                   |           |
|--|-----------------------------|-------------------|-----------|
| <b>STANDARD CONSTRUCTION<br/>33kV VERTICAL CONSTRUCTION<br/>WITH OVERHEAD EARTHWIRE<br/>4-248C/E</b> |                             |                   |           |
| SIZE<br><b>A3</b>  | DRAWING No<br><b>185514</b> | SHEETS<br>01 of 1 | AMD.<br>1 |