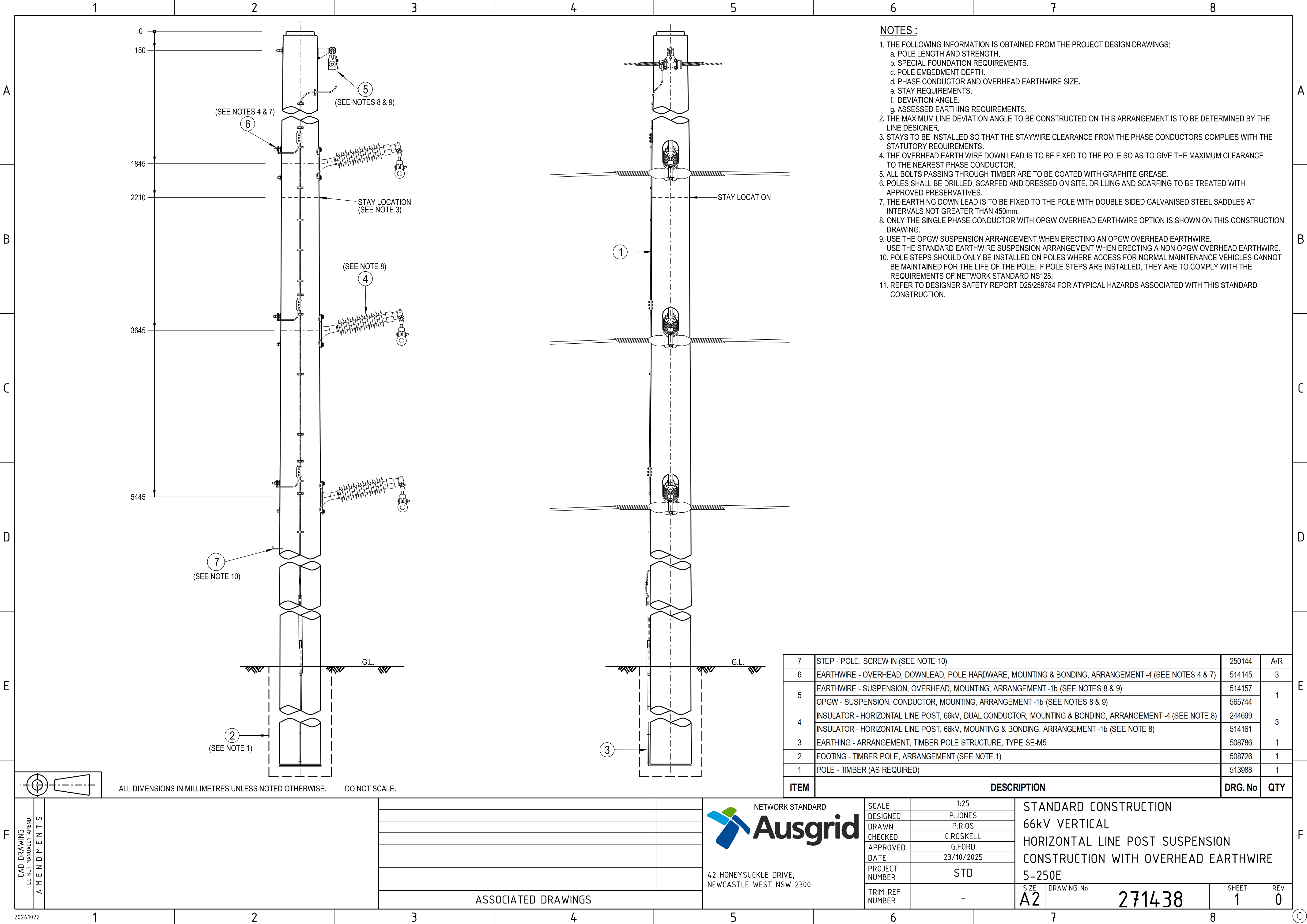
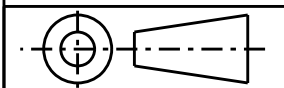




- NOTES :
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS:
    - POLE LENGTH AND STRENGTH.
    - SPECIAL FOUNDATION REQUIREMENTS.
    - POLE EMBEDMENT DEPTH.
    - PHASE CONDUCTOR AND OVERHEAD EARTHWIRE SIZE.
    - STAY REQUIREMENTS.
    - DEVIATION ANGLE.
    - ASSESSED EARTHING REQUIREMENTS.
  - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
  - STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
  - THE OVERHEAD EARTH WIRE DOWN LEAD IS TO BE FIXED TO THE POLE SO AS TO GIVE THE MAXIMUM CLEARANCE TO THE NEAREST PHASE CONDUCTOR.
  - ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
  - POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
  - THE EARTHING DOWN LEAD IS TO BE FIXED TO THE POLE WITH DOUBLE SIDED GALVANISED STEEL SADDLES AT INTERVALS NOT GREATER THAN 450mm.
  - ONLY THE SINGLE PHASE CONDUCTOR WITH OPGW OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
  - USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE.  
USE THE STANDARD EARTHWIRE SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
  - POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOT BE MAINTAINED FOR THE LIFE OF THE POLE. IF POLE STEPS ARE INSTALLED, THEY ARE TO COMPLY WITH THE REQUIREMENTS OF NETWORK STANDARD NS128.
  - REFER TO DESIGNER SAFETY REPORT D25/259784 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

|      |                                                                                                         |         |     |
|------|---------------------------------------------------------------------------------------------------------|---------|-----|
| 7    | STEP - POLE, SCREW-IN (SEE NOTE 10)                                                                     | 250144  | A/R |
| 6    | EARTHWIRE - OVERHEAD, DOWNLEAD, POLE HARDWARE, MOUNTING & BONDING, ARRANGEMENT -4 (SEE NOTES 4 & 7)     | 514145  | 3   |
| 5    | EARTHWIRE - SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT -1b (SEE NOTES 8 & 9)                           | 514157  | 1   |
|      | OPGW - SUSPENSION, CONDUCTOR, MOUNTING, ARRANGEMENT -1b (SEE NOTES 8 & 9)                               | 565744  |     |
| 4    | INSULATOR - HORIZONTAL LINE POST, 66kV, DUAL CONDUCTOR, MOUNTING & BONDING, ARRANGEMENT -4 (SEE NOTE 8) | 244699  | 3   |
|      | INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -1b (SEE NOTE 8)                | 514161  |     |
| 3    | EARTHING - ARRANGEMENT, TIMBER POLE STRUCTURE, TYPE SE-M5                                               | 508786  | 1   |
| 2    | FOOTING - TIMBER POLE, ARRANGEMENT (SEE NOTE 1)                                                         | 508726  | 1   |
| 1    | POLE - TIMBER (AS REQUIRED)                                                                             | 513988  | 1   |
| ITEM | DESCRIPTION                                                                                             | DRG. No | QTY |



ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE.

|                                                    |  |  |  |  |  |  |  |
|----------------------------------------------------|--|--|--|--|--|--|--|
| CAD DRAWING<br>DO NOT MANUALLY AMEND<br>AMENDMENTS |  |  |  |  |  |  |  |
|                                                    |  |  |  |  |  |  |  |
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|                                                    |  |  |  |  |  |  |  |
|                                                    |  |  |  |  |  |  |  |
| ASSOCIATED DRAWINGS                                |  |  |  |  |  |  |  |

NETWORK STANDARD



42 HONEYSUCKLE DRIVE,  
NEWCASTLE WEST NSW 2300

|                 |            |
|-----------------|------------|
| SCALE           | 1:25       |
| DESIGNED        | P.JONES    |
| DRAWN           | P.RIOS     |
| CHECKED         | C.ROSKELL  |
| APPROVED        | G.FORD     |
| DATE            | 23/10/2025 |
| PROJECT NUMBER  | STD        |
| TRIM REF NUMBER | -          |

STANDARD CONSTRUCTION  
66kV VERTICAL  
HORIZONTAL LINE POST SUSPENSION  
CONSTRUCTION WITH OVERHEAD EARTHWIRE  
5-250E

|      |            |       |     |
|------|------------|-------|-----|
| SIZE | DRAWING No | SHEET | REV |
| A2   | 271438     | 1     | 0   |