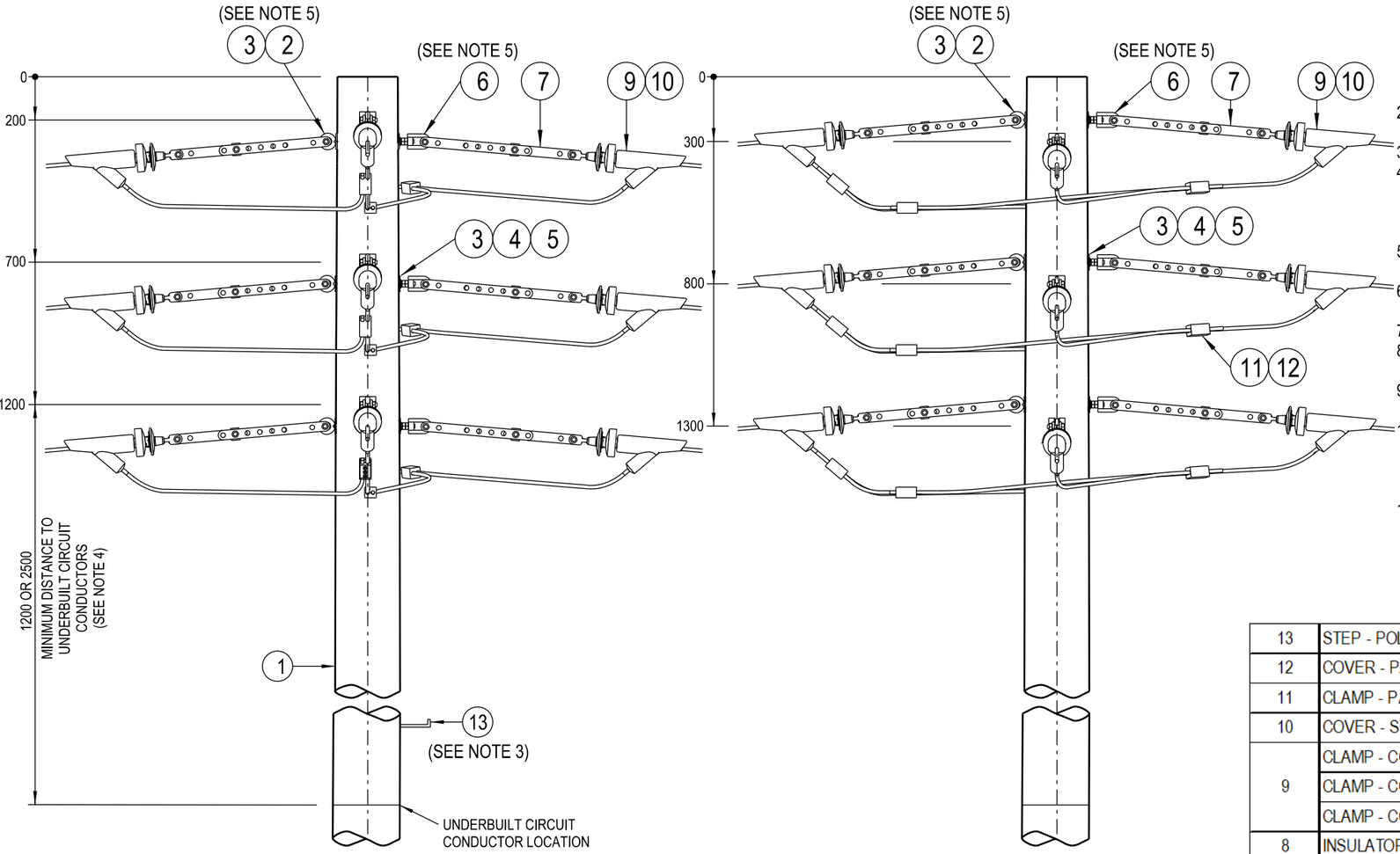


## NOTES :

1. THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS:
   a. POLE LENGTH AND STRENGTH.
   b. SPECIAL FOUNDATION REQUIREMENTS.
   c. POLE EMBEDMENT DEPTH.
   d. CONDUCTOR SIZE.
   e. STAY REQUIREMENTS.
   f. DEVIATION ANGLE.
2. THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
3. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
4. IN AREAS WHERE THE 11kV NETWORK CANNOT BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 1200mm. IN AREAS WHERE THE 11kV NETWORK CAN BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 2500mm.
5. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT AND EYENUT ASSEMBLY IS TO BE DETERMINED FROM DRG: 520331.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. ALL EYEBOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
8. TO MAINTAIN THE INTEGRITY OF A COVERED SYSTEM, IT IS ESSENTIAL THAT ALL STRIPPED AND PUNCTURED INSULATION IS CONTAINED WITHIN THE APPROPRIATE INSULATING COVER.
9. CCT CONDUCTOR INSULATION SHALL ONLY BE REMOVED BY THE USE OF AN APPROVED CCT CONDUCTOR STRIPPING TOOL.
10. SURGE ARRESTERS ARE TO BE INSTALLED ON AN OVERHEAD CCT CONDUCTOR SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF NS126. IF A SURGE ARRESTER IS TO BE INSTALLED ON THIS CONSTRUCTION, IT IS TO BE INSTALLED AS PER THE RELEVANT ARRANGEMENT SPECIFIED ON DRG: 177151.
11. REFER TO DESIGNER SAFETY REPORT D25/133040 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

| ITEM | DESCRIPTION | DRG. No | STOCK CODE | QTY |
|---|---|---|---|---|
| 13 | STEP - POLE, SCREW-IN (SEE NOTE 3) | 250144 | 185198 | A/R |
| 12 | COVER - PARALLEL, GROOVE CLAMP | | 144576 | 9 |
| 11 | CLAMP - PARALLEL GROOVE, 2-BOLT | | 62414 | 9 |
| 10 | COVER - STRAIN CLAMP | | 144543 | 12 |
| 9 | CLAMP - CONDUCTOR STRAIN, FOR CCT180 | | 176313 | 12 |
| | CLAMP - CONDUCTOR STRAIN, FOR CCT120 | | 144527 | |
| | CLAMP - CONDUCTOR STRAIN, FOR CCT80 | | 144535 | |
| 8 | INSULATOR - STRAIN ROD | | 144550 | 12 |
| 7 | LINK - SAG, 70kN (PLP PART No. CTSLEW-070-1) | | PURCHASE | 12 |
| 6 | EYENUT - M20, GALVANISED (SEE NOTE 5) | 513951 | H38853 | 6 |
| 5 | WASHER - FLAT, M20, GALVANISED | 518081 | 177986 | 6 |
| 4 | WASHER - CONICAL, M20, GALVANISED | 518082 | H39655 | 6 |
| 3 | WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE) | 518081 | H39231 | 12 |
| 2 | EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTE 5) | 513653 | | 6 |
| 1 | POLE - TIMBER (AS REQUIRED) | 513988 | | 1 |

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

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

2 — DWN: PATRICIA RIOS; CHKED: PHILLIP JONES; DATE: 16/12/2019; M20 WASHER ADDED. NOTES & MATERIAL LIST AMENDED.
APP'D by: GLENN FORD

3 — DWN: P.R.; CHKD: P.J.; APP'D: G.F.; DATE: 15/05/2025; NOTES & MATERIAL LIST AMENDED.

NETWORK STANDARD
Ausgrid
42 HONEYSUCKLE DRIVE,
NEWCASTLE WEST NSW 2300

| | |
|---|---|
| SCALE | 1:25 |
| DESIGNED | PHILLIP JONES |
| DRAWN | PATRICIA RIOS |
| CHECKED | PHILLIP JONES |
| APPROVED | STEPHEN CONNOR |
| DATE | 05/12/2006 |
| PROJECT NUMBER | STD |
| TRIM REF NUMBER | - |

# STANDARD CONSTRUCTION
# 11kV VERTICAL 4 WAY TERMINATION CONSTRUCTION
# 2-142 CCT

SIZE A3 | DRAWING No 175878 | SHEET 1 | REV 3



20241022

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