

A

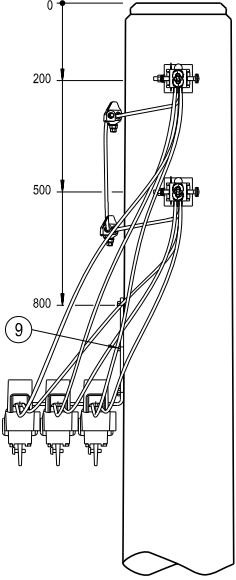
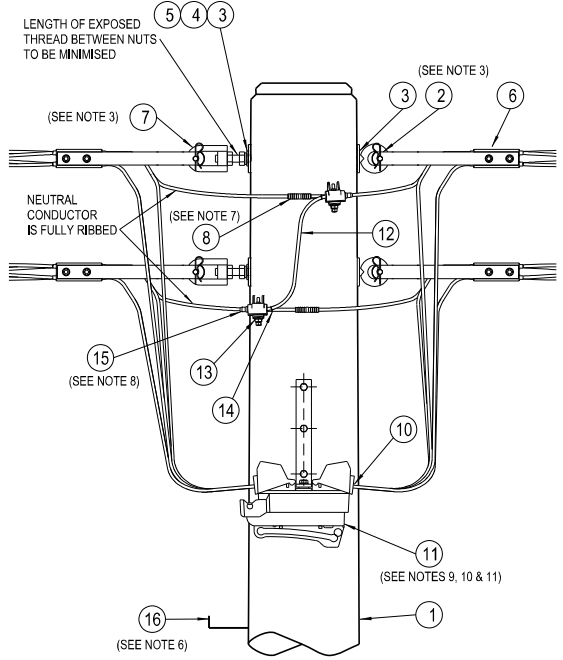
B

C

D

E

F



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. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT AND EYENUT ASSEMBLY IS TO BE DETERMINED FROM DRG : 520331.
4. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
5. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
6. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
7. PRE-INSULATED ALUMINIUM COMPRESSION SLEEVES TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
8. INSTALL PUSH ON END CAPS ON THE ENDS OF THE NEUTRAL BRIDGING CABLE WHEN PARALLEL FEEDER CABLES ARE ERECTED.
9. THE MINIMUM DISTANCE BETWEEN THE LV CONDUCTORS AND THE TOP MOUNTING HOLE OF THE LINK/ISOLATING SWITCH BRACKET IS TO BE MAINTAINED AT 600mm FOR A SINGLE CIRCUIT AND 300mm FOR PARALLEL CIRCUITS.
10. WHEN THE POLE IS LOCATED NEAR THE PROPERTY BOUNDARY THE FUSE/LINK SWITCH IS TO BE LOCATED ON THE ROAD SIDE OF THE POLE. WHEN THE POLE IS LOCATED NEAR THE KERB THE FUSE/LINK SWITCH IS TO BE LOCATED ON THE PROPERTY SIDE OF THE POLE.
11. THE LV ABC FUSE/LINK DISCONNECTOR KIT WILL COMPRISE THE FOLLOWING COMPONENTS :
 - 3 x KGH 400 SINGLE POLE FUSE/LINK SWITCHES
 - 3 x 400A CONNECTING LINKS
 - 1 x UNIVERSAL POLE MOUNTING BRACKET
12. REFER TO DESIGNER SAFETY REPORT D20/250376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

| ITEM | DESCRIPTION | DRG.NO | STOCK CODE | SINGLE CABLE | PARALLEL CABLE |
|------|--|--------|------------|--------------|----------------|
| 16 | STEP - POLE, SCREW-IN (SEE NOTE 6) | 250144 | 185198 | A/R | A/R |
| 15 | CAP - END, PUSH ON (TO SUIT 25mm ² LV ABC) (SEE NOTE 8) | | H109447 | - | 2 |
| | CAP - END, PUSH ON (TO SUIT 95mm ² & 150mm ² LV ABC) (SEE NOTE 8) | | H77222 | - | 2 |
| 14 | TIE - CABLE, 382x7.5mm, BLACK, PVC | | 59907 | - | 2 |
| 13 | CONNECTOR - INSULATION PIERCING, 25-95mm ² TO 6-25mm ² | | 73593 | - | 2 |
| | CONNECTOR - INSULATION PIERCING, 95-150mm ² TO 95-150mm ² | | 176591 | - | 2 |
| 12 | CONDUCTOR - OVERHEAD, TAPPINGS (TO SUIT CONDUCTOR SIZE) | | | - | 1m |
| 11 | DISCONNECTOR - FUSE/LINK, LV ABC, KIT (SEE NOTES 9, 10 & 11) | | 185818 | 1 | 1 |
| 10 | LUG - COMPRESSION, BI-METALLIC, PRE-INSULATED (TO SUIT CONDUCTOR) | 514053 | | 6 | 12 |
| 9 | SCREW - COACH, M12x100mm, GALVANISED | | 50443 | 3 | 3 |
| 8 | SLEEVE - COMPRESSION, NON TENSION, PRE-INSULATED (TO SUIT 95mm ² LV ABC) (SEE NOTE 7) | 514053 | H19073 | | |
| | SLEEVE - COMPRESSION, PRE-INSULATED (TO SUIT 150mm ² LV ABC) (SEE NOTE 7) | 514053 | 150987 | 1 | 2 |
| | SLEEVE - COMPRESSION, NON TENSION, PRE-INSULATED (TO SUIT 25mm ² LV ABC) (SEE NOTE 7) | 514053 | 176654 | | |
| 7 | EYENUT - M20, GALVANISED (SEE NOTE 3) | 513951 | H38853 | 1 | 2 |
| 6 | CLAMP - TERMINATION (TO SUIT 2x25mm ² OR 4x25mm ² LV ABC) | | H113464 | | |
| | CLAMP - TERMINATION (TO SUIT 4x95mm ² LV ABC) | | 176651 | 2 | 4 |
| | CLAMP - TERMINATION (TO SUIT 4x150mm ² LV ABC) | | 176652 | | |
| 5 | WASHER - FLAT, M20, GALVANISED | 518081 | 177986 | 1 | 2 |
| 4 | WASHER - CONICAL, M20, GALVANISED | 518082 | H39655 | 1 | 2 |
| 3 | WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE) | 518081 | H39231 | 2 | 4 |
| 2 | EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE)(SEE NOTE 3) | 513653 | | 1 | 2 |
| 1 | POLE - TIMBER (AS REQUIRED) | 513988 | | 1 | 1 |

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

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|---|--------------------|---------------------|------------------|---|---------------------|
| CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S | DWN: PATRICIA RIOS | CHKD: PHILLIP JONES | DATE: 19/05/2020 | DISCONNECTOR AMENDED, NOTES 11 & 12 ADDED. | APPD BY: GLENN FORD |
| 20mm EYEBOLT AND EYENUT ASSEMBLY LOADING AND DEVIATION GRAPH 520331 | | | | | |
| ASSOCIATED DRAWINGS | | | | | |

NETWORK STANDARD

 1/5 NEWCASTLE RD WALLSEND,
 NSW 2287

| | | | | | | | | | | | |
|----------------|-----------|--|-----------|-----|------------|--------|-------|----|-----|----|--|
| SCALE | 1:10 | STANDARD CONSTRUCTION LV ABC THROUGH TERMINATION CONSTRUCTION WITH LINKS 1-79 | SIZE | A2 | DRAWING No | 514052 | SHEET | 01 | AMD | 16 | |
| DESIGNED | - | | PROJ TRAK | STD | | | | | | | |
| DRAWN | P.K | | | | | | | | | | |
| CHECKED | D.R.G | | | | | | | | | | |
| APPROVED | I.NICHOLS | | | | | | | | | | |
| DATE | 14/08/07 | | | | | | | | | | |
| PROJECT NUMBER | NET-STD | | | | | | | | | | |