



- NOTES :**
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS:
 - POLE LENGTH AND STRENGTH.
 - SPECIAL FOUNDATION REQUIREMENTS.
 - POLE EMBEDMENT DEPTH.
 - CONDUCTOR SIZE.
 - STAY REQUIREMENTS.
 - DEVIATION ANGLE.
 - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
 - POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
 - 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.
 - THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT IS TO BE DETERMINED FROM DRG: 520324.
 - LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
 - POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
 - EYEBOLTS ARE TO BE INSTALLED IN THE DIRECTION OF THE OVERHEAD CONDUCTORS.
 - NON-TENSION COMPRESSION SLEEVES TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
 - ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
 - LINE POST INSULATORS ARE TO BE FITTED WHERE LINE DEVIATION IS LESS THAN 90°.
 - REFER TO DESIGNER SAFETY REPORT D26/3505 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

11	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
10	JOINT - NON TENSION, COMPRESSION (TO SUIT CONDUCTOR)	514053		3
9	CLAMP - CONDUCTOR, ASSEMBLY	508781	H12110	3
8	INSULATOR - 22kV POST, CLAMP TOP, MOUNTED ON GAIN BASE BRACKET		178293	3
7	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		6
6	INSULATOR - 11/22kV LONGROD, STRING ARRANGEMENT AR-2	565715		6
5	WASHER - FLAT, M20, GALVANISED	518081	177986	12
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	12
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	24
2	EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTES 5 & 8)	513653		6
1	POLE - TIMBER (AS REQUIRED)	513988		1
ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

DWN: P.R.
CHKD: P.J.
APP'D: G.F.

DATE: 27/01/2026
HORIZONTAL LINE POST
TYPE CHANGED. MATERIAL
LIST & NOTES AMENDED

3

NETWORK STANDARD

Ausgrid

42 HONEYSUCKLE DRIVE,
NEWCASTLE WEST NSW 2300

SCALE: 1:20

DESIGNED: PHIL JONES

DRAWN: PATRICIA RIOS

CHECKED: PHIL JONES

APPROVED: STEPHEN CONNOR

DATE: 05/12/2006

PROJECT NUMBER: STD

TRIM REF NUMBER: -

STANDARD CONSTRUCTION
11kV VERTICAL TERMINATION
CONSTRUCTION
2-140

SIZE: A3

DRAWING No: 175875

SHEET: 1

REV: 3

175875-1.dgn 1/27/2026 11:04:24 AM

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