



- 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. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
 - 6. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
 - 7. REFER TO DESIGNER SAFETY REPORT D26/3461 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

8	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
7	CLAMP - SUPPORT, ARMOUR GRIP (TO SUIT CONDUCTOR)	514132		3
6	INSULATOR - 22kV POST, CLAMP TOP, MOUNTED ON GAIN BASE BRACKET		178293	3
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	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		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

20241022

1

2

3

4

5

6

7

8

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	03/09/2007
PROJECT NUMBER	STD
TRIM REF NUMBER	-

SIZE	DRAWING No	SHEET	REV
A3	183907	1	3

STANDARD CONSTRUCTION

11kV VERTICAL CONSTRUCTION

2-240

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