



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. PHASE CONDUCTOR SIZE.
 - e. STAY REQUIREMENTS.
 - f. DEVIATION ANGLE.
 - g. ASSESSED EARTHING REQUIREMENTS.
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 NS126.
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.

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

CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S	DWN: PATRICIA RIOS CHKD: PHILLIP JONES DATE: 14/06/2011 M20 FLAT WASHER ADDED. 50x50x6mm SQUARE WASHER ADDED.	APPD by: GLENN FORD
	DWN: PATRICIA RIOS CHKD: PHILLIP JONES DATE: 11/10/2019 M20 WASHERS ADDED. INSULATORS UPDATED. NOTES & MATERIAL LIST AMENDED. AUSGRID BORDER ADDED.	APPD by: GLENN FORD

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:20	STANDARD CONSTRUCTION 11kV VERTICAL CONSTRUCTION 2-240			
DESIGNED	PHIL JONES				
DRAWN	PATRICIA RIOS				
CHECKED	PHIL JONES				
APPROVED	STEPHEN CONNOR				
DATE	03/09/07				
PROJECT NUMBER	STD				
PROJTRAK NUMBER	-	SIZE	DRAWING No	SHEET	AMD
		A3	183907	01	2