



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. VARIATIONS TO STANDARD CROSSARM REQUIREMENTS.
 - f. STAY REQUIREMENTS.
 - g. DEVIATION ANGLE.
 - h. 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. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT IS TO BE DETERMINED FROM DRG : 520324.
6. LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
7. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
8. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
9. THE MAXIMUM ANGLE OF INSULATOR SWING AWAY FROM THE POLE FOR 'A' AND 'B' PHASES IS 70° FROM THE VERTICAL.

19	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
18	INSULATOR - 11/22KV LONGROD, STRING ARRANGEMENT AR-1	565715		3
17	WASHER - LIP, M24, GALVANISED	518081	176912	1
16	EYEBOLT - M20x200mm, GALVANISED	513653	H37881	1
15	BOLT & NUT - M20x200mm, HEX., GALVANISED	515466	H38227	2
14	BOLT & NUT - M20x150mm, HEX., GALVANISED	515466	H38340	2
13	PLATE - DROPPER, GALVANISED	513557	H17657	2
12	BLOCK - GAIN, ALUMINIUM, 150mm		146290	1
11	WASHER - FLAT, M20, GALVANISED	518081	177986	6
10	WASHER - CONICAL, M20, GALVANISED	518082	H39655	6
9	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	5
8	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		1
7	WASHER - CONICAL, M12, GALVANISED	518082	H39639	1
6	WASHER - FLAT, M12, GALVANISED	518081	177982	2
5	BOLT & NUT - M12x130mm, HEX., GALVANISED	515466	46805	1
4	CROSSARM - 3300x150x100mm, TYPE A, HARDWOOD	514376	H23020	1
3	SCREW - COACH, M12x100mm, GALVANISED		H40484	1
2	BRACE - CROSSARM, ANGLE, 920mm, GALVANISED	514381	H17283	1
1	POLE - TIMBER (AS REQUIRED)	513988		1

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

CAD DRAWING DO NOT MANUALLY AMEND	
15	AMENDMENTS DWN: PATRICIA RIOS CHKD: PHIL JONES DATE: 03/09/2007 NOTE 4 AMENDED. APP'D by: STEPHEN CONNOR
16	DWN: PATRICIA RIOS CHKD: PHILLIP JONES DATE: 16/08/2019 M20 WASHER ADDED. NOTES & MATERIAL LIST AMENDED. APP'D by: GLENN FORD

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND,
NSW 2287

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY	
SCALE	1:25	STANDARD CONSTRUCTION 11kV ANGLE SUSPENSION CONSTRUCTION 2-3			
DESIGNED	-				
DRAWN	PATRICIA RIOS				
CHECKED	B GRAHAM				
APPROVED	R.BREMMELL				
DATE	08/05/96				
PROJECT NUMBER	STD	SIZE	DRAWING No	SHEET	AMD
PROJTRAK NUMBER	-	A3	513911	01	16