



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. ALL BOLTS AND INSULATOR PINS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. TO MAINTAIN THE INTEGRITY OF A COVERED SYSTEM , IT IS ESSENTIAL THAT ALL STRIPPED AND PUNCTURED INSULATION IS CONTAINED WITHIN THE APPROPRIATE INSULATING COVER.

19	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
18	WIRE - TIE, PREFORMED, INSULATED, FOR CCT180		176312	3
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT120		144600	
17	WASHER - CONICAL, M16, GALVANISED	518082	H39647	3
	WASHER - SQUARE, 50x50x6mm, GALVANISED (Ø18mm HOLE)	518081	H39257	
15	INSULATOR - PIN POST, LONG STUD		145052	3
14	BOLT & NUT - M12, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		1
13	BRACKET - POLE TOP, GALVANISED	514380	H17314	1
12	BLOCK - GAIN, ALUMINIUM, 100mm		146274	1
11	WASHER - FLAT, M20, GALVANISED	518081	177986	2
10	WASHER - CONICAL, M20, GALVANISED	518082	H39655	2
9	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	3
8	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		2
7	WASHER - CONICAL, M12, GALVANISED	518082	H39639	3
6	WASHER - FLAT, M12, GALVANISED	518081	177982	6
5	BOLT & NUT - M12x130mm, HEX., GALVANISED	515466	46805	2
4	CROSSARM - 2100x100x100mm, TYPE B, HARDWOOD	514374	H23680	1
3	SCREW - COACH, M12x100mm, GALVANISED		H40484	1
2	BRACE - CROSSARM, FLAT, 690mm, GALVANISED	514385	H17738	2
1	POLE - TIMBER (AS REQUIRED)	513988		1

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

CAD DRAWING DO NOT MANUALLY AMEND		AMENDMENTS		APP'D by: STEPHEN CONNOR		APP'D by: GLENN FORD	
DWN: PATRICIA RIOS	CHKD: PHIL JONES	DWN: PATRICIA RIOS	CHKD: PHILLIP JONES	DWN: PATRICIA RIOS	CHKD: PHILLIP JONES	DWN: PATRICIA RIOS	CHKD: PHILLIP JONES
1	DATE: 03/09/2007 NOTE 4 AMENDED.	2	DATE: 16/08/2019 M20 & 50x50 SQUARE WASHERS ADDED. NOTES & MATERIAL LIST AMENDED.				

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND,
NSW 2287

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY
SCALE	1:20	STANDARD CONSTRUCTION		
DESIGNED	PHIL JONES	11kV DELTA CONSTRUCTION		
DRAWN	PATRICIA RIOS	2-6CCT		
CHECKED	PHIL JONES			
APPROVED	STEPHEN CONNOR			
DATE	06/12/06			
PROJECT NUMBER	STD			
PROJTRAK NUMBER	-	SIZE	DRAWING No	SHEET
		A3	174959	01
				AMD
				2