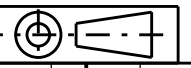


**NOTES :**

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. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS126.
3. 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.
4. ALL BOLTS AND INSULATOR PINS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
5. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
6. TO MAINTAIN THE INTEGRITY OF A COVERED SYSTEM , IT IS ESSENTIAL THAT ALL STRIPPED AND PUNCTURED INSULATION IS CONTAINED WITHIN THE APPROPRIATE INSULATING COVER.
7. DRILL Ø22mm HOLES IN BOTH ENDS OF EACH CROSSARM TO ENABLE INSERTION OF CROSSARM SPACER BOLTS.
8. THIS CONSTRUCTION IS TO BE USED FOR LINE DEVIATION ANGLES BETWEEN 25° AND 50°.

20	STEP - POLE, SCREW-IN (SEE NOTE 2)	250144	185198	A/R
19	WIRE - TIE, PREFORMED, INSULATED, FOR CCT180		176312	6
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT120		144600	
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT80		144618	
18	WASHER - CONICAL, M16, GALVANISED	518082	H39647	6
17	WASHER - SQUARE, 50x50x6mm, GALVANISED (Ø18mm HOLE)	518081	H39257	4
16	INSULATOR - PIN POST, LONG STUD		145052	6
15	BOLT & NUT - M12, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		1
14	BRACKET - POLE TOP, GALVANISED	514380	H17314	2
13	BLOCK - GAIN, ALUMINIUM, 100mm		146274	2
12	PIPE - SPACER, 25mm NB, GALVANISED (CUT PIPE TO REQUIRED LENGTH)		H36754	2
11	WASHER - FLAT, M20, GALVANISED	518081	177986	8
10	WASHER - CONICAL, M20, GALVANISED	518082	H39655	4
9	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	6
8	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		4
7	WASHER - CONICAL, M12, GALVANISED	518082	H39639	5
6	WASHER - FLAT, M12, GALVANISED	518081	177982	9
5	BOLT & NUT - M12x130mm, HEX., GALVANISED	515466	46805	4
4	CROSSARM - 2100x100x100mm, TYPE B, HARDWOOD	514374	H23680	2
3	SCREW - COACH, M12x100mm, GALVANISED		H40484	2
2	BRACE - CROSSARM, FLAT, 690mm, GALVANISED	514385	H17738	4
1	POLE - TIMBER (AS REQUIRED)	513988		1



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

A M E N D M E N T S	
DWN: PATRICIA RIOS	CHKD: PHILLIP JONES
DATE: 16/08/2019	50x50 SQUARE WASHER ADDED. NOTES & MATERIAL LIST AMENDED.
APP'D by: GLENN FORD	

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:20	STANDARD CONSTRUCTION 11kV LARGE DELTA TWIN CROSSARM CONSTRUCTION 2-107CCT			
DESIGNED	PHIL JONES				
DRAWN	PATRICIA RIOS				
CHECKED	PHIL JONES				
APPROVED	STEPHEN CONNOR				
DATE	05/12/06				
PROJECT NUMBER	STD				
PROJTRAK NUMBER	-	SIZE	DRAWING No	SHEET	AMD
		A3	175885	01	3