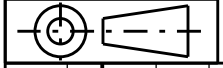


NOTES :

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. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT IS TO BE DETERMINED FROM DRG : 520324.
7. LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
8. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
9. NON-TENSION COMPRESSION SLEEVES TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
10. USE THE ANGLE TYPE CONDUCTOR TIE ARRANGEMENT AS SHOWN ON DRG : 514038.
11. THE CROSSARM SELECTION IS DEPENDANT ON THE MECHANICAL LOAD REQUIREMENTS.
12. ITEMS 5, 8 AND 12 ARE DEPENDANT ON THE CROSSARM SELECTION.

19	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
18	JOINT - NON TENSION, COMPRESSION (TO SUIT CONDUCTOR)	514053		3
17	TIE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 10)	514038		2m
16	INSULATOR - 11/22kV AERODYNAMIC (22/450) & PIN ARRANGEMENT	513997		1
15	INSULATOR - 11/22kV LONGROD, STRING ARRANGEMENT AR-2	565715		4
14	INSULATOR - 11/22kV LONGROD, STRING ARRANGEMENT AR-3	565715		2
13	WASHER - SQUARE, 50 x 50 x 6mm, GALVANISED (Ø22mm HOLE)	518081	H39265	8
12	EYEBOLT - M20 x 200mm, GALVANISED (SEE NOTES 6 & 12)	513653	H37881	4
12	EYEBOLT - M20 x 350mm, GALVANISED (SEE NOTES 6 & 12)	513653	H37920	4
11	BAND - POLE, 3 BOLT (TO SUIT POLE DIAMETER)	507741		2
10	BLOCK - GAIN, ALUMINIUM, 100mm		146274	1
9	BOLT - M16, 'U' TYPE, GALVANISED (TO SUIT POLE DIAMETER)	514409		2
8	BRACKET - CROSSARM, ASSY (FOR 100 x 150mm CROSSARM) (SEE NOTE 12)	514386	H66621	2
8	BRACKET - CROSSARM, ASSY (FOR 100 x 200mm CROSSARM) (SEE NOTE 12)	514387	H66613	2
7	WASHER - SPRING, M12, GALVANISED	518082	H12047	4
6	WASHER - FLAT, M12, GALVANISED	518081	177982	2
5	BOLT & NUT - M12 x 180mm, HEX, GALVANISED (SEE NOTE 12)	515466	46888	2
5	BOLT & NUT - M12 x 240mm, HEX, GALVANISED (SEE NOTE 12)	515466	46953	2
4	CROSSARM - 3000 x 150 x 100 x 5mm, RHS, GALVANISED (SEE NOTE 11)	514377/2	H23787	1
4	CROSSARM - 3000 x 200 x 100 x 5mm, RHS, GALVANISED (SEE NOTE 11)	514377/1	H23795	1
3	SCREW - COACH, M12 x 100mm, 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 A M E N D M E N T S	DWN: PATRICIA RIOS	APP'D by: GLENN FORD
	CHKD: PHILLIP JONES	
DATE: 12/03/2019	NOTES & MATERIAL LIST AMENDED.	
9		

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:25	STANDARD CONSTRUCTION 11kV THROUGH RAILWAY TERMINATION CONSTRUCTION 2-23			
DESIGNED	-				
DRAWN	PETER SAUNDERS				
CHECKED	P.A.S				
APPROVED	R.BREMPELL				
DATE	07/06/96				
PROJECT NUMBER	STD	SIZE	DRAWING No	SHEET	AMD
PROJTRAK NUMBER	-	A3	513918	01	9