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 USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWII 21. WHEN USING THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT, REFER TO DRG: 565743 FOR SPLICE B MOUNTING DETAILS. 22. POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNO POLE. IF POLE STEPS ARE INSTALLED, THEY ARE TO COMPLY WITH THE REQUIREMENTS OF NETWORK STANDARD NS 23. REFER TO DESIGNER SAFETY REPORT D22/294265 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONS 16 STEP - POLE, SCREW-IN (SEE NOTE 22) JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 13 & 19) 	THE NEAREST PHASE CONDUCT JRES MUST BE CONSIDERED W 20331. STATUTORY REQUIREMENTS. D PRESERVATIVES. S. S TO BE INSTALLED FOR THE 'A RVALS OF NOT GREATER THAN L BE REMOVED FROM THE DOV JNTED 150mm ABOVE THE TOP FOR DRILLING VN ON THIS CONSTRUCTION DF 'IRE. VIRE.	/HEN A' AND 'C' N 450mm. WN	A
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 AND OVERHEAD EARTHWIRE SIZE. e. VARIATIONS TO STANDARD CROSSARM REQUIREMENTS. f. STAY REQUIREMENTS. d. DEVIATION ANGLE f. ASSESSED EARTHING REQUIREMENTS. d. DEVIATION ANGLE f. ASSESSED EARTHING REQUIREMENTS. d. DEVIATION ANGLE f. ASSESSED EARTHING REQUIREMENTS. d. THE OVERHEAD EARTH WIRE DOWN LEAD IS TO BE FIXED TO THE POLE SO AS TO GIVE THE MXIMUM CLEARARCE TO d. WHEN DESIGNING UNDERBUILT CIRCUITS ON A 3XX STRUCTURE, THE POSSIBLE USE OF LIVE LINE WORKING PROCED NOMINATING THE CIRCUIT SEPARATION TO ALLOW A MINIMUM CLEARANCE OF 2500mm I REQUIRED. S. THE LOAD AND DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANCEMENT IS TO BE DETERMINED FROM DRG: f. LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS. f. STAYS TO BE INSTALLED SO THAT THE STAY WIRE CLEARANCE FROM THE PASE MEDINT IN THE CREATED WITH APPROVE f. LONGROD INSULATORS TO THAT THE STAY WIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE 8. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT AND DEVENT ASSEMBLY IS TO BE DETERMINED FROM DRG: f. LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS. J. STAYS TO BE INSTALLED SO ASSEMILS TO BE DETERMINED FROM DRG: f. LONGROD INSULATORS TO THAT THE STAY WIRE CLEARANCE FROM THE PHASE CONDUCTORS. J. PUEDS STAND EYEDICTS PASSING THROUGH TIMBER ARE TO DE COATED WITH APPROVE 10. ALL BOTT AND EYEDICTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GARAPHTE GREASE. 11. EYEBOLTS AND EYEDICTS PASSING THROUGH TIMBER ARE TO BE CONDUCTORS. 12. EYEBOLTS AND EYEDICS MAY BE BRIDGED UNDER THE CONDUCTORS. 12. EYEBOLTS AND EYEDICS TO RESTAULED IN THE DEVERTION OCONDUCTORS. 14. CONDUCTOR TO POLE CLEARANCE IS TO BE A MINIMUM OF 380mm. MAD THANSE CONDUCTORS MAY BE BRIDGED UNDER THE CONDRAM MINIAUM AND AND AND AND AND AND AND	THE NEAREST PHASE CONDUCT JRES MUST BE CONSIDERED W 20331. STATUTORY REQUIREMENTS. D PRESERVATIVES. S. S TO BE INSTALLED FOR THE 'A RVALS OF NOT GREATER THAN L BE REMOVED FROM THE DOV JNTED 150mm ABOVE THE TOP FOR DRILLING VN ON THIS CONSTRUCTION DF 'IRE. VIRE.	/HEN A' AND 'C' N 450mm. WN	
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 17. WHEN INSTALLING DUAL PHASE CONDUCTORS, THE CENTRE PHASE TAPPING INSULATOR BOTTOM BOLT IS TO BE MOL CONDUCTOR TERMINATION TO ENSURE THE PHASE TO EARTH CLEARANCES TO THE CROSSARM IS MAINTAINED. 18. ONLY THE 3000mm STEEL CROSSARM OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING. REFER TO DRG: 237491 PATTERN OF ALTERNATE CROSSARM. 19. ONLY THE SINGLE PHASE CONDUCTOR WITH OPGW THROUGH TERMINATION OVERHEAD EARTHWIRE OPTION IS SHO 20. USE THE OPGW THROUGH TERMINATION ARRANGEMENT WHEN ERECTING AN UNBROKEN OPGW OVERHEAD EARTHW USE THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT WHEN BREAKING AN OPGW OVERHEAD EARTHWI USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT WHEN BREAKING AN OPGW OVERHEAD EARTHWI 21. WHEN USING THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT, REFER TO DRG: 565743 FOR SPLICE B MOUNTING DETAILS. 22. POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOL POLE. IF POLE STEPS ARE INSTALLED, THEY ARE TO COMPLY WITH THE REQUIREMENTS OF NETWORK STANDARD NS 23. REFER TO DESIGNER SAFETY REPORT D22/294265 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONS 24. STEP - POLE, SCREW-IN (SEE NOTE 22) JOINT - COMPRESSION. NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 13 & 19) 	FOR DRILLING VN ON THIS CONSTRUCTION DF VIRE. VIRE.	PHASE	
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16 STEP - POLE, SCREW-IN (SEE NOTE 22) JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 13 & 19)	128.		
JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 13 & 19)	TRUCTION.		
JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 13 & 19)			
JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 13 & 19)	250144	A/R	1
	514053	6	-
15 JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 13 & 19)	514053	3	-
EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -1A (SEE NOTES 19 & 20)	519450		-
14 OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -1C (SEE NOTES 19, 20 & 21)	565747	1	D
OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -1A (SEE NOTES 19 & 20)	565747	1	
INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 6 & 19	250120	6	
13 INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 6 & 19)	158754	- 6	
12 EARTHWIRE - OVERHEAD, DOWN LEAD, POLE HARDWARE, MOUNTING & BONDING , ARRANGEMENT -2	514145	2	
11 EARTHWIRE - OVERHEAD, DOWN LEAD, POLE HARDWARE, MOUNTING & BONDING , ARRANGEMENT -4	514145	1	
10 EARTHWIRE - OVERHEAD, DOWN LEAD, POLE HARDWARE, MOUNTING & BONDING , ARRANGEMENT -3	514145	1	
9 INSULATOR - HORIZONTAL LINE POST, 66kV, DUAL CONDUCTOR, MOUNTING & BONDING, ARRANGEMENT -1 (SE	E NOTES 17 & 19) 244699	1]
9 INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -1 (SEE NOTES 17 & 19)	514161		
8 WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	4	
7 EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTES 8 & 11)	513653	2	E
6 WASHER - FLAT, M20, GALVANISED	518081	2	
5 WASHER - CONICAL, M20, GALVANISED	518082	2	
4 CROSSARM - MOUNTING ARRANGEMENT -3 (GALVANISED STEEL OR COMPOSITE FIBRE CROSSARM) (SEE NO	TE 18) 514176	1	
3 FOOTING - TIMBER POLE, ARRANGEMENT (SEE NOTE 1)	508726	1	
2 EARTHING - ARRANGEMENT, TIMBER POLE STRUCTURE, TYPE SE-M5	508786	1	
1 POLE - TIMBER (AS REQUIRED)	513988	1	
ITEM DESCRIPTION	DRG. No	QTY	
NETWORK STANDARD SCALE 1:20 STANDARD CONSTRUCT	ION	1	1
Ausgrid DRAWN PETER SAUNDERS CHECKED P.A.S CONSTRUCTION WITH			F
APPROVED G.SKINNER			'
DATE 29/05/1996 OVERHEAD EARTHWIRE			
145 NEWCASTLE RD WALLSEND, PROJECT NUMBER STD 4-26E			
PROJTRAK SIZE DRAWING NO	SHEET	AMD	1
		6	1
5 6 7	<u>173 1</u> 8		