

565739-1.dgn 7/23/2024 4:28:21 PM

		5			6			7		8		
10 STEP - POLE (SEE NOTE 21)     10 STEP - POLE (SEE NOTE 22)     10 STEP - POLE (SEE NOTE 23)     10 STEP - POLE (SEE NOTE 24)     10 STEP - POLE (SEE NOTE 24)				1. THE a. P b. S c. P d. P e. V f. S g. D h. A 2. THE 3. WHE BE C 4. THE	FOLLOWING INI POLE LENGTH A PECIAL FOUND POLE EMBEDME PHASE CONDUC (ARIATIONS TO STAY REQUIREM DEVIATION ANGI SSESSED EART MAXIMUM LINE EN DESIGNING L CONSIDERED WI LOAD AND DEV	ND STRENGTH. DATION REQUIRE INT DEPTH. STOR AND OVERI STANDARD CRO MENTS. LE. THING REQUIRE DEVIATION ANG JNDERBUILT CIR HEN NOMINATIN (IATION ALLOWA	EMENTS. HEAD EARTHWI DSSARM REQUIF MENTS. GLE TO BE CONS COUITS ON A 331 IG THE CIRCUIT BLE ON THE EY	RE SIZE. REMENTS. STRUCTED ON THIS ARRANG V STRUCTURE, THE POSSIE SEPARATION TO ALLOW A M 'EBOLT IS TO BE DETERMINE	GEMENT IS TO BE DETERMINED E BLE USE OF LIVE LINE WORKING MINIMUM CLEARANCE OF 2500mr	PROCEDURES I	MUST	А
10         STEP - POLE (SEE NOTE 21)         514084         A/R           10         STEP - POLE (SEE NOTE 21)         STANDARD BATTWISE TRANSCOMD OVERHAD EARTWINE OWN OVERHAD EARTWINE.           10         STEP - POLE (SEE NOTE 21)         STANDARD EARTWINE TRANSMIT OWN ARRANGEMENT WHEN RECTUG A NON OPEN OVERHAD EARTWINE.           10         WHEN USKING THE OWN THE OWN EARTWINE TRANSMIT OWN ARRANGEMENT WHEN BERNING AN OPEN OVERHAD EARTWINE.         STANDARD EARTWINE TRANSMIT OWN ARRANGEMENT WHEN RECTUG A NON OPEN OVERHAD EARTWINE.           10         STEP - POLE (SEE NOTE 21)         STANDARD EARTWINE.         STANDARD EARTWINE.           10         STEP - POLE (SEE NOTE 21)         STANDARD EARTWINE.         STANDARD EARTWINE.           11         STEP - POLE (SEE NOTE 21)         STANDARD EARTWINE.         STANDARD EARTWINE.           11         OPEN - TERMINATION, ORDITION, ARRANGEMENT 24 (SEE NOTES 18 & 19)         STANDARD EARTWINE.         STANDARD EARTWINE.           12         STANDARD EARTWINE.         STANDARD EARTWINE.         STANDARD EARTWINE.         STANDARD EARTWINE.           10         OPEN - TERM	60			6. NON 7. USE 8. CON 9. INST TO T 10. STA REC 11. EYE 12. THE 13. THE 14. COI 15. A 2 IS T LOA 16. ONI	TENSION COM THE ANGLE TY DUCTOR TO PC ALL A 33/920 PI HE CROSSARM AYS TO BE INST QUIREMENTS. EBOLTS ARE TO E CROSSARM BI COHEW IS TO B MPOSITE FIBRE 706mm COMPOS TO BE USED WH AD OF THE ALTE LY THE 2706mm	PRESSION SLEE PE CONDUCTOR DLE CLEARANCE N INSULATOR AF AND REDUCE T ALLED SO THAT BE INSTALLED RACE ATTACHM BE BONDED TO A E CROSSARMS A SITE FIBRE CROS IERE ADDITIONA ERNATE CROSSA COMPOSITE FIE	EVES TO BE USE TIE ARRANGEI IS TO BE A MIN RRANGEMENT T THE RISK OF A F THE STAY WIR IN THE DIRECTI ENT POINT ON IN M12 STAINLE RE TO BE USED SSARM IS TO BI IL MID SPAN SE ARMS IS EXCEE BRE CROSSARM	ED WHEN REQUIRED TO JOIN MENT AS SHOWN ON DRG: 5 IMUM OF 380mm. FO HOLD THE CONDUCTOR T LASHOVER DUE TO PERCHE E CLEARANCE FROM THE PH ON OF THE OVERHEAD CON A CONCRETE POLE IS TO BE SS STEEL EARTH FERRULE D AS THE PREFERED OPTION E USED AS THE DEFAULT CF PARATION IS REQUIRED. A S DED. 4 OPTION IS SHOWN ON THIS	14038. TAPPING TO INCREASE THE CON ED BIRDS. HASE CONDUCTORS COMPLIES W IDUCTORS. E AN M12 STAINLESS STEEL EAR ON THE CONCRETE POLE. I UNDER NORMAL CIRCUMSTANC ROSSARM. A LONGER COMPOSIT STEEL CROSSARM IS TO BE USEI	VITH THE STAT TH FERRULE. CES. E FIBRE CROSS WHEN THE MA	UTORY SARM AXIMUM	В
EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -2A (SEE NOTES 18 & 19)         519450           9         OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 18, 19 & 20)         565747           1         OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 18, 19 & 20)         565747           8         JONT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 18)         514053         3           7         TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT -2A (SEE NOTES 5 & 18)         514053         3           6         INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, IGEN NOTES 5 & 18)         154053         2m           6         INSULATOR - LONGROD, 33kV, POLYMERC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           5         INSULATOR - LONGROD, 33kV, POLYMERC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           6         INSULATOR - LONGROD, 33kV, POLYMERC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)         158754         1           1         NSULATOR - LONGROD, 33kV, POLYMERC STRING, ARRANGEMENT 12 (SEE NOTES 14, 15, 16 & 17)         514176         2           3         FOOTING - CONCRETE FOLE, ARRANGEMENT (SEE NOTE 1)         512331         1         2           2         EARTHWIR - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT         520209         1         1           1<	<ul> <li>17. FOR DETAILS OF APPROVED ALTERNATE WAGNER COMPOSITE FIBRE CROSSARMS, REFER TO DRG: 265964.</li> <li>18. ONLY THE SINGLE PHASE CONDUCTOR WITH OPGW THROUGH TERMINATION OVERHEAD EARTHWIRE OPTION I CONSTRUCTION DRAWING.</li> <li>19. USE THE OPGW THROUGH TERMINATION ARRANGEMENT WHEN ERECTING AN UNBROKEN OPGW OVERHEAD E USE THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT WHEN BREAKING AN OPGW OVERHEAD E USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EAR USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EAR USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT, REFER TO DRG: 565743 FOR SP CABLE BRACKET MOUNTING DETAILS.</li> <li>21. POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES ON MAINTAINED FOR THE LIFE OF THE POLE. IF POLE STEPS ARE INSTALLED, THEY ARE TO COMPLY WITH THE RECONSTRUCTION NETWORK STANDARD NS128.</li> </ul>							EARTHWIRE. EARTHWIRE. ARTHWIRE. SPLICE BOX ANI	D COILED	С		
9         OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 18, 19 & 20)         565747         1           0         OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 18 & 19)         566747         1           8         JONT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 18)         514053         3           7         TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTES 6 & 18)         514038         2m           6         INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           5         INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           6         INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           7         INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           7         INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         1514056         2           4         CROSSARM - MOUNTING ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)         514176         2           3         FOOTING - CONCRETE POLE, ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)         514176         2           1				22. REF	FER TO DESIGN	IER SAFETY REP	PORT D22/26980	2 FOR ATYPICAL HAZARDS A	ASSOCIATED WITH THIS STANDA	RD CONSTRUC	TION.	
8         JONT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 18)         514053         6           JONT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 18)         514053         3           7         TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)         514038         2m           6         INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         250120         6           5         INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           5         INSULATOR - LONGROD, 33kV, AERODYNAMIC, (33/920) AND PIN ARRANGEMENT -2 (SEE NOTE 9)         514006         2           4         CROSSARM - MOUNTING ARRANGEMENT -2 (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)         514176         2           3         FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)         512331         1           2         EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT         520209         1           1         POLE - CONCRETE (SE ROTE 1)         51403         3           5         INSULATOR - LONGREGICIC         BESCRIPTION         DRG. NO         QTY           DESCRIPTION         DRG. NO         QTY           INTERVORK STANDARD         SCALE         125 </td <td>[</td> <td>10</td> <td>```</td> <td>EE NOTE 21)</td> <td></td> <td></td> <td></td> <td></td> <td>ASSOCIATED WITH THIS STANDA</td> <td>514084</td> <td></td> <td></td>	[	10	```	EE NOTE 21)					ASSOCIATED WITH THIS STANDA	514084		
8         JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 18)         514053         3           7         TIE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)         514038         2m           6         INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         250120         6           5         INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)         158754         6           5         INSULATOR - JONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTE 5 & 18)         158754         6           5         INSULATOR - JONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTE 5 & 18)         158754         6           5         INSULATOR - JONGROD, 33kV, AERODYNAMIC, (33'920) AND PIN ARRANGEMENT (SEE NOTE 9)         514006         2           4         CROSSARM - MOUNTING ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTEs 14, 15, 16 & 17)         514176         2           3         FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)         512331         1           2         EARTHING - CONCRETE FOLE, BUTT, ARRANGEMENT         520209         1           1         POLE - CONCRETE (AS REQUIRED)         DESCRIPTION         DRG. NO         QTY           ITEM DESCRIPTION         DRG. NO         QTY           OLSCIG			EARTHWIRE - TE OPGW - TERMIN	ee note 21) Ermination, c Iation, condu	OVERHEAD, MC JCTOR, MOUNT	DUNTING, ARRA TING, ARRANGE	NGEMENT -2A MENT -2C (SEI	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20)	ASSOCIATED WITH THIS STANDA	514084 519450 565747	A/R	
6     INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     250120       6     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754       5     INSULATOR - JONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTE 9)     514006     2       4     CROSSARM - MOUNTING ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       3     FOOTING - CONCRETE POLE, ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       1     POLE - CONCRETE POLE, ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       1     POLE - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)     512331     1       2     EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT     520209     1       1     POLE - CONCRETE (AS REQUIRED)     1     1       ITEM DESCRIPTION     DRG. No       OR AUX OF CONCRETE SALUNDERS       STANDARD CONSTRUCTION       OLISPONE OR SCIEVE OF CONCRETE SALUNDERS       NETWORK STANDARD       DRA WN       PRAISEND.       STANDARD CONSTRUCTION       ONSTRUCTION WITH       OLISPINEN       NEW CASTLE RD W		9	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN	EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL	overhead, mo Jctor, mount Jctor, mount	Dunting, Arra Ting, Arrange Ting, Arrange	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18 & 19)	ASSOCIATED WITH THIS STANDA	514084 519450 565747 565747	A/R 1	
6       INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)       158754       6         5       INSULATOR - 33kV, AERODYNAMIC, (33/920) AND PIN ARRANGEMENT (SEE NOTE 9)       514006       2         4       CROSSARM - MOUNTING ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)       514176       2         3       FOOTING - CONCRETE POLE, ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)       512331       1         2       EARTHING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)       512331       1         2       EARTHING - CONCRETE / STEEL, SINGLE POLE, BUTT, ARRANGEMENT       520209       1         1       POLE - CONCRETE (AS REQUIRED)       1       1         DESCRIPTION       DRG. No       QTY         NETWORK STANDARD         METWORK STANDARD       SCALE       125       STANDARD CONSTRUCTION       3kV CORNER POLE TERMINATION         0.4       OKOSOFTICO       -       -       -       3kV CORNER POLE TERMINATION       CONSTRUCTION         1.45       NEWCASTLE RD WALLSEND,       -       -       6.65739       1       4         1.45       NEWCASTLE RD WALLSEND,       -       SIZE       DRAWING NO       SHEET       AMD         1		9	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE	EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL ESSION, NON T	overhead, mo Jotor, mount Jotor, mount Tension (to s	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18 & 19) E NOTES 6 & 18)	ASSOCIATED WITH THIS STANDA	514084 519450 565747 565747 514053	A/R 1 6	
5       INSULATOR - 33kV, AERODYNAMIC, (33/920) AND PIN ARRANGEMENT (SEE NOTE 9)       514006       2         4       CROSSARM - MOUNTING ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)       514176       2         3       FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)       512331       1         2       EARTHING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)       50209       1         1       POLE - CONCRETE (AS REQUIRED)       1       1         1       POLE - CONCRETE (AS REQUIRED)       1       1         ITEM       DESCRIPTION       DRG. No       QTY         STANDARD CONSTRUCTION         NETWORK STANDARD         0       CALE       125       STANDARD CONSTRUCTION       33kV CORNER POLE TERMINATION         ORSTANDARD         0       A       06/06/1999       33kV CORNER POLE TERMINATION         0       CREKED       -       -       08/06/1999         145       NEWCASTLE RD WALLSEND,       STD       4       -       -         145       NEWCASTLE RD WALLSEND,       STD       4       -       -         145       NEWCASTLE RD WALLSEND,       STEZ       DRAWING NO       565739       1       4 <td></td> <td>9 8</td> <td>EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO</td> <td>EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL ESSION, NON T ESSION, NON T DR, HIGH VOLT/</td> <td>OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO S TENSION (TO S AGE, SUPPOR</td> <td>Dunting, Arra Ting, Arrange Ting, Arrange Uit Dual Cond Uit Conducto T Arrangeme</td> <td>NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE NT (SEE NOTE</td> <td>(SEE NOTES 18 &amp; 19) E NOTES 18, 19 &amp; 20) E NOTES 18, 19 &amp; 20) E NOTES 18 &amp; 19) E NOTES 6 &amp; 18) S 6 &amp; 18) 7)</td> <td></td> <td>514084 519450 565747 565747 514053 514053 514038</td> <td>A/R 1 6 3</td> <td></td>		9 8	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO	EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL ESSION, NON T ESSION, NON T DR, HIGH VOLT/	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO S TENSION (TO S AGE, SUPPOR	Dunting, Arra Ting, Arrange Ting, Arrange Uit Dual Cond Uit Conducto T Arrangeme	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE NT (SEE NOTE	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 18 & 19) E NOTES 6 & 18) S 6 & 18) 7)		514084 519450 565747 565747 514053 514053 514038	A/R 1 6 3	
4       CROSSARM - MOUNTING ARRANGEMENT -2a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)       514176       2         3       FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)       512331       1         2       EARTHING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)       512331       1         2       EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT       520209       1         1       POLE - CONCRETE (AS REQUIRED)       1       1         ITEM       DESCRIPTION       DRG. No       QTY         NETWORK STANDARD         OLSIGNED       SCALE       125         DRAWN       PETER SAUNDERS       STANDARD CONSTRUCTION         33kV       CORNER POLE TERMINATION       CONSTRUCTION WITH         0ATE       08/06/1999       ONSTRUCTION WITH       OVERHEAD EARTHWIRE         4-12C /E       PROJECT       STD       4-12C /E         NWMBER       -       A2       565739       1		9 8 7	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LC	EE NOTE 21) ERMINATION, C IATION, CONDL ESSION, NON T ESSION, NON T DR, HIGH VOLT/ INGROD, 33kV,	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO S TENSION (TO S TENSION (TO S TENSION (TO S TENSION (TO S TENSION (TO S TENSION (TO S)	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO T ARRANGEME CTOR, POLYME	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE R) (SEE NOTE R) (SEE NOTE R) (SEE NOTE	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO		514084 519450 565747 565747 514053 514053 514038 250120	A/R 1 6 3 2m	D
3       FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)       512331       1         2       EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT       520209       1         1       POLE - CONCRETE (AS REQUIRED)       1       1         ITEM       DESCRIPTION       DRG. No       QTY         NETWORK STANDARD       SCALE       1.25       STANDARD CONSTRUCTION       33k V CORNER POLE TERMINATION         Intervention       DESIGNED       -       -       33k V CORNER POLE TERMINATION       CONSTRUCTION WITH         Intervention       DATE       08/06/1999       OVERHEAD EARTHWIRE       -       -         NSW 2287       PROJTRAK       -       A2       565739       SHEET       AMD		9 8 7 6	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO	EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL ESSION, NON T ESSION, NON T DR, HIGH VOLT/ NGROD, 33kV, NGROD, 33kV,	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTES NT (SEE NOTES NT (SEE NOTES RIC STRING, A GEMENT -2 (SE	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 6 & 19) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO EE NOTES 5 & 18)		514084 519450 565747 565747 514053 514053 514053 514038 250120 158754	A/R 1 6 3 2m 6	
2       EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT       520209       1         1       POLE - CONCRETE (AS REQUIRED)       1         ITEM       DESCRIPTION       DRG. No       QTY         NETWORK STANDARD       SCALE       125       STANDARD CONSTRUCTION       DRG. No       QTY         NETWORK STANDARD       SCALE       125       STANDARD CONSTRUCTION       DRG. No       QTY         NETWORK STANDARD       SCALE		9 8 7 6 5	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LC INSULATOR - LC INSULATOR - 33	EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL ESSION, NON T ESSION, NON T OR, HIGH VOLT/ INGROD, 33kV, NGROD, 33kV, kV, AERODYN/	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI AMIC, (33/920) /	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE R)	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 18 & 19) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO E NOTES 5 & 18) E NOTE 9)	TES 5 & 18)	514084 519450 565747 565747 514053 514053 514038 250120 158754 514006	A/R 1 6 2 2	
ITEM     DESCRIPTION     DRG. No     QTY       NETWORK STANDARD     SCALE     1.25     STANDARD CONSTRUCTION       Ausgrid     Scale     -       DRAWN     PETER SAUNDERS     33k V CORNER POLE TERMINATION       DRAWN     PETER SAUNDERS     CONSTRUCTION WITH       DATE     08/06/1999     OVERHEAD EARTHWIRE       PROJECT     NUMBER     4-12C/E       PROJTRAK     -     A2       DRAWING NO     SHEET     AMD       4     -     -		9 8 7 6 5 4	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO INSULATOR - 33 CROSSARM - M	EE NOTE 21) ERMINATION, C IATION, CONDL ESSION, NON T ESSION, NON T DR, HIGH VOLT/ INGROD, 33kV, NGROD, 33kV, NGROD, 33kV, KV, AERODYN/ OUNTING ARR/	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI AMIC, (33/920) / ANGEMENT -2a	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO T ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN AND PIN ARRAN AND PIN ARRAN	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE R) (SEE NOTE R) (SEE NOTE RIC STRING, A GEMENT -2 (SE NGEMENT (SEE FIBRE OR GAL	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 18 & 19) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO E NOTES 5 & 18) E NOTE 9)	TES 5 & 18)	514084 519450 565747 565747 514053 514053 514038 250120 158754 514006 ) 514176	A/R 1 6 3 2m 6 2 2	
NETWORK STANDARD       SCALE       1:25       STANDARD CONSTRUCTION         Ausgrid		9 8 7 6 5 4 3	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO INSULATOR - 33 CROSSARM - M FOOTING - CON	EE NOTE 21) ERMINATION, C IATION, CONDL IATION, CONDL ESSION, NON T ESSION, NON T DR, HIGH VOLT/ NGROD, 33kV, NGROD, 33kV, NGROD, 33kV, NGROD, 33kV, NGROD, 33kV, NGROD, 33kV, CRETE POLE, /	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI AMIC, (33/920) / ANGEMENT -2a ARRANGEMEN	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN AND PIN ARRAN A (COMPOSITE F IT (SEE NOTE 1)	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE R)	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 18 & 19) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO E NOTES 5 & 18) E NOTE 9)	TES 5 & 18)	514084 519450 565747 565747 514053 514053 514038 250120 158754 514006 ) 514176 512331	A/R 1 6 3 2m 6 2 2 1	
NETWORK STANDARD       STANDARD       STANDARD       STANDARD       STANDARD         Ausgrid       DESIGNED       -       -       33kV       CORNER POLE TERMINATION         145 NEWCASTLE RD WALLSEND,       NSW 2287       OVERHEAD EARTHWIRE       -       OVERHEAD EARTHWIRE         145 NEWCASTLE RD WALLSEND,       PROJECT       STD       4-12C / E         145 NEWCASTLE RD WALLSEND,       PROJECT       STD       4-22         145 NEWCASTLE RD WALLSEND,       PROJECT       STD       4-12C / E		9 8 7 6 5 4 3 2	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO INSULATOR - 33 CROSSARM - M FOOTING - COM EARTHING - COM	EE NOTE 21) ERMINATION, C ATION, CONDL ATION, CONDL ESSION, NON T ESSION, NON T OR, HIGH VOLT/ NGROD, 33kV, NGROD, 33kV,	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI AMIC, (33/920) / ANGEMENT -2a ARRANGEMEN -, SINGLE POLI	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN AND PIN ARRAN A (COMPOSITE F IT (SEE NOTE 1)	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTE R)	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 18 & 19) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO E NOTES 5 & 18) E NOTE 9)	TES 5 & 18)	514084 519450 565747 565747 514053 514053 514038 250120 158754 514006 ) 514176 512331	A/R 1 6 3 2m 6 2 2 1 1	
PROJTRAK NUMBER - A2 565739 1 4		9 8 7 6 5 4 3 2 1	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO INSULATOR - 33 CROSSARM - M FOOTING - COM EARTHING - COM	EE NOTE 21) ERMINATION, C ATION, CONDL ATION, CONDL ESSION, NON T ESSION, NON T OR, HIGH VOLT/ NGROD, 33kV, NGROD, 33kV,	OVERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI AMIC, (33/920) / ANGEMENT -2a ARRANGEMEN -, SINGLE POLI	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN AND PIN ARRAN A (COMPOSITE F IT (SEE NOTE 1) E, BUTT, ARRAN	NGEMENT -2A MENT -2C (SEI MENT -2A (SEI DUCTORS) (SEE R) (SEE NOTES NT (SEE NOTES NT (SEE NOTES RIC STRING, A GEMENT -2 (SE GEMENT -2 (SE IBRE OR GALV ) NGEMENT	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 6 & 19) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO EE NOTES 5 & 18) E NOTE 9) /ANISED STEEL CROSSAR	TES 5 & 18)	514084           519450           565747           565747           514053           514054           514176           512331           520209	A/R 1 6 3 2m 6 2 2 1 1 1 1	
		9 8 7 6 5 4 3 2 1 ITEM NEWCAST	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO INSULATOR - 33 CROSSARM - M FOOTING - CON EARTHING - CON POLE - CONCRE	EE NOTE 21) ERMINATION, C IATION, CONDL ESSION, NON T ESSION, NON T ESSION, NON T SSION, NON T SSION, NON T SSION, NON T CRETE POLE, A NGROD, 33kV, NGROD, 33kV, NON T	VERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT TENSION (TO SI TENSION (TO SI AGE, SUPPOR DUAL CONDUC POLYMERIC SI AMIC, (33/920) / ANGEMENT -2a ARRANGEMENT -2A ARRANGE	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN ARRANGE T ARRANGE T ARRA	NGEMENT -2A MENT -2C (SEI MENT -2C (SEI DUCTORS) (SEE R) (SEE NOTES NT (SEE NOTES NT (SEE NOTES R) (	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO E NOTES 5 & 18) E NOTE 9) /ANISED STEEL CROSSAR NOTE 9) /ANISED STEEL CROSSAR S T A ND A R D C O 3 3 k V C O R N E R C O N S T R U C T I O N O V E R H E A D E A 4 - 12 C / E	TES 5 & 18) TES 5 & 18) RM) (SEE NOTES 14, 15, 16 & 17 NSTRUCTION POLE TERMINATION WITH	514084 519450 565747 5565747 514053 514053 514038 250120 158754 514006 ) 514176 512331 520209 <b>DRG. No</b>	A/R 1 6 3 2m 6 2 2 1 1 1 1	
		9 8 7 6 5 4 3 2 1 ITEM NEWCAST	EARTHWIRE - TE OPGW - TERMIN OPGW - TERMIN JOINT - COMPRE JOINT - COMPRE TIE - CONDUCTO INSULATOR - LO INSULATOR - LO INSULATOR - 33 CROSSARM - M FOOTING - CON EARTHING - CON POLE - CONCRE	EE NOTE 21) ERMINATION, C IATION, CONDL ESSION, NON T ESSION, NON T ESSION, NON T SSION, NON T SSION, NON T SSION, NON T CRETE POLE, A NGROD, 33kV, NGROD, 33kV, NON T	VERHEAD, MC JCTOR, MOUNT JCTOR, MOUNT ENSION (TO S AGE, SUPPOR DUAL CONDUC POLYMERIC S AMIC, (33/920) / ANGEMENT -2a ARRANGEMENT -2A ARRANGEME	DUNTING, ARRA TING, ARRANGE TING, ARRANGE UIT DUAL COND UIT CONDUCTO IT ARRANGEME CTOR, POLYME STRING, ARRAN AND PIN ARRAN ARRANGE T ARRANGE T ARRA	NGEMENT -2A MENT -2C (SEI MENT -2C (SEI DUCTORS) (SEE R) (SEE NOTES NT (SEE NOTES NT (SEE NOTES R) (	(SEE NOTES 18 & 19) E NOTES 18, 19 & 20) E NOTES 18, 19 & 20) E NOTES 6 & 18) S 6 & 18) 7) RRANGEMENT -2 (SEE NO E NOTES 5 & 18) E NOTE 9) /ANISED STEEL CROSSAR NOTE 9) /ANISED STEEL CROSSAR STANDARD CO 33k V CORNER CONSTRUCTION 0 VERHEAD EA 4 – 12C / E SIZE DRAWING NO	TES 5 & 18) M) (SEE NOTES 14, 15, 16 & 17 NSTRUCTION POLE TERMINATION WITH RTHWIRE	<ul> <li>514084</li> <li>519450</li> <li>565747</li> <li>565747</li> <li>514053</li> <li>514053</li> <li>514053</li> <li>514038</li> <li>250120</li> <li>158754</li> <li>514006</li> <li>514176</li> <li>512331</li> <li>520209</li> <li>DRG. No</li> </ul>	A/R 1 6 3 2m 6 2 2 1 1 1 1 <b>QTY</b>	