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12. THE CRUSSAND BIACE ATTACHMENT POINT ON A CONCRETE POLE IS TO UE AN MY 37 JANLESS STELE JANLEY ADDRESS TO USE JANLESS STELE JANLEY ADDRESS TO USE JANL	The second se	5	1. THE FOI a. POLI b. SPEI c. POLI d. PHA e. VAR f. STA <sup>1</sup> g. DEV h. ASSI 2. THE MA 3. WHEN D CONSID 4. THE LO/ 5. LONGRO 6. NON-TE 7. USE THI 8. CONDUC 9. INSTALL THE CR 10. STAYS REQUI	LLOWING INFORMATION E LENGTH AND STRENC CIAL FOUNDATION REC E EMBEDMENT DEPTH. SE CONDUCTOR AND C IATIONS TO STANDARD Y REQUIREMENTS. IATION ANGLE. ESSED EARTHING REQ XIMUM LINE DEVIATION DESIGNING UNDERBUIL ERED WHEN NOMINATI AD AND DEVIATION ALL DO INSULATORS TO BE NSION COMPRESSION E ANGLE TYPE CONDUC CTOR TO POLE CLEARA A 33/920 PIN INSULATO OSSARM AND REDUCE TO BE INSTALLED SO REMENTS.	GTH. DUIREMENTS. DVERHEAD EARTHWIR CROSSARM REQUIRE UIREMENTS. I ANGLE TO BE CONST T CIRCUITS ON A 33kV NG THE CIRCUIT SEP/ OWABLE ON THE EYE USED UNDER NORMA SLEEVES TO BE USED CTOR TIE ARRANGEMENT ANCE IS TO BE A MININ DR ARRANGEMENT TO THE RISK OF A FLASH THAT THE STAY WIRE	THE PROJECT DESIGN DRAWINGS: E SIZE. E SIZE. MENTS. TRUCTED ON THIS ARRANGEMENT IS T STRUCTURE, THE POSSIBLE USE OF I ARATION TO ALLOW A MINIMUM CLEAR BOLT IS TO BE DETERMINED FROM DR L CONDITIONS. WHEN REQUIRED TO JOIN CONDUCTO ENT AS SHOWN ON DRG: 514038. MUM OF 380mm. HOLD THE CONDUCTOR TAPPING TO OVER DUE TO PERCHED BIRDS. CLEARANCE FROM THE PHASE CONDU	O BE DETERMINED BY TH IVE LINE WORKING PROC ANCE OF 2500mm IF REQ G: 520324. DRS. INCREASE THE CONDUCT	E LINE DESIGI EDURES MUS JIRED. TOR CLEARAN	ST BE CE TO	A
USE THE OPEXIT THROUGH SPLICE BOX TERMINATION ARRANGEMENT YHEN BREAMS AN OPEX OVERHIED EXAMPLES. 20. WHEN USING THE OPEXIT THROUGH SPLICE BOX TERMINATION ARRANGEMENT, GEEETING A NO NO PORY OVERHIED EXAMPLES. 20. WHEN USING THE OPEXIT THROUGH SPLICE BOX TERMINATION ARRANGEMENT, GEEETING A NO NO PORY OVERHIED DRS. SPLICE BOX AND COLLED CALLE BARGET MOUNTING DETERMINATION ARRANGEMENT THE DETING AND OPEXITY OFERHIED EXAMPLES AND AND CONSTRUCTION. 21. CHEMICAL DIAL DESIGNER SAFETY REPORT D2228376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 22. REFER TO DESIGNER SAFETY REPORT D2228376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 23. REFER TO DESIGNER SAFETY REPORT D2228376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 24. REFER TO DESIGNER SAFETY REPORT D2228376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 25. REFER TO DESIGNER SAFETY REPORT D2228376 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 26. REFERENCESSION, NON TENSION, CONDUCTOR, ARRANGEMENT -24, (SEE NOTES 18 & 19) 59460 1 15. OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -24, (SEE NOTES 18 & 19) 594674 1 16. JUNT - COMPRESSION, NON TENSION (TO SUIT COULL CONDUCTOR) (SEE NOTES 18 & 19) 594674 1 17. NOUTO COMPRESSION, NON TENSION (TO SUIT COULL CONDUCTOR) (SEE NOTES 6 & 18) 514663 3 18. TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTES 6 & 18) 544663 2 10. NOULTOR - LONGROD, 334V, DUAL CONDUCTOR, NOUTING, ARRANGEMENT 3 (SEE NOTES 5 & 18) 55466 2 10. NOULTOR - LONGROD, 334V, DUAL CONDUCTOR, NOUTING, ARRANGEMENT 3 (SEE NOTES 5 & 18) 55674 4 10. NOULTOR - LONGROD, 334V, DUAL CONDUCTOR, NOUTING, ARRANGEMENT 3 (SEE NOTES 5 & 18) 55674 4 10. NOULTOR - LONGROD, 334V, DUAL CONDUCTOR, NOUTING, ARRANGEMENT 3 (SEE NOTES 5 & 18) 55674 4 10. NOULTOR - RIGHT ARRANGEMENT 1. SEE NOTES 5 & 18) 55674 4 10. NOULTOR - RIGHT ARRANGEMENT 1. SEE NOTES 5 & 18) 55674 4 10. NOULTOR - LONGROD, 334V, DUY MERIC STING, ARRANGEMENT 3 (SEE NOTES 5 & 18) 5	<b>D</b>	ate and the second	12. THE CH 13. THE OI 14. COMPO 15. A 2706 BE USE THE AL 16. ONLY 514377 17. FOR DI 18. ONLY CONST	ROSSARM BRACE ATTA HEW IS TO BE BONDED OSITE FIBRE CROSSAR mm COMPOSITE FIBRE ED WHERE ADDITIONAL TERNATE CROSSARMS THE 2706mm COMPOSIT FOR DRILLING PATTEF ETAILS OF APPROVED A THE SINGLE PHASE COL TRUCTION DRAWING.	CHMENT POINT ON A TO AN M12 STAINLES MS ARE TO BE USED A CROSSARM IS TO BE MID SPAN SEPARATIO S IS EXCEEDED. TE FIBRE CROSSARM OR ALTERNATE WAGNER NDUCTOR WITH OPGY	CONCRETE POLE IS TO BE AN M12 STA S STEEL EARTH FERRULE ON THE CON AS THE PREFERED OPTION UNDER NOI USED AS THE DEFAULT CROSSARM. A DN IS REQUIRED. A STEEL CROSSARM OPTION IS SHOWN ON THIS CONSTRUC DSSARMS. COMPOSITE FIBRE CROSSARMS, REFE V THROUGH TERMINATION OVERHEAD	ICRETE POLE. RMAL CIRCUMSTANCES. LONGER COMPOSITE FIB IS TO BE USED WHEN TH CTION DRAWING. REFER T ER TO DRG: 265964. EARTHWIRE OPTION IS S	RE CROSSARI E MAXIMUM LO O DRGS: 2627 HOWN ON THI	OAD OF 732 &	
EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -2A (SEE NOTES 18 & 19)     519450       15     DPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 18, 19 & 20)     965747       14     JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTOR), SEE NOTES 18, 19)     516405       13     TE - CONDPRESSION, NON TENSION (TO SUIT OUAL CONDUCTOR), SEE NOTES 6 & 18)     514065       12     INSULATOR - 33XV, AERODYNAMIC, (3920) AND PIN ARRANGEMENT (SEE NOTE 9)     514006       11     INSULATOR - 000RRDD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 3 (SEE NOTES 5 & 18)     250120       11     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)     250120       10     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)     156754       10     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)     250120       10     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)     158754       1     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)     250120       10     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, PICIPRIC STRING, ARRANGEMENT 2 (SEE NOTES 5 & 18)     158754       1     VELTOR     STAND		~	USE TH USE TH 20. WHEN CABLE 21. POLE S FOR TH STAND 22. REFER	HE OPGW THROUGH SF HE STANDARD EARTHW USING THE OPGW THR BRACKET MOUNTING I STEPS SHOULD ONLY B HE LIFE OF THE POLE. I DARD NS128.	PLICE BOX TERMINATION VIRE TERMINATION AR OUGH SPLICE BOX TE DETAILS. E INSTALLED ON POLI F POLE STEPS ARE IN	ON ARRANGEMENT WHEN BREAKING A RANGEMENT WHEN ERECTING A NON RMINATION ARRANGEMENT, REFER TO ES WHERE ACCESS FOR NORMAL MAIN STALLED, THEY ARE TO COMPLY WITH	N OPGW OVERHEAD EAR OPGW OVERHEAD EARTH D DRG: 565743 FOR SPLIC NTENANCE VEHICLES CAN THE REQUIREMENTS OF	THWIRE. IWIRE. E BOX AND CO INOT BE MAIN NETWORK DNSTRUCTION	TAINED N.	C
15     OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 18, 19, 20)     565747     1       14     JORT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 18, 8, 19)     566747     566747       14     JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 18)     514053     6       13     TIE - CONDUCTOR, HICH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)     514303     2m       12     INSULATOR - LONGROD, 38V, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT 3 (SEE NOTES 5 & 18)     250120     2       11     INSULATOR - LONGROD, 38V, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT 3 (SEE NOTES 5 & 18)     158754     4       10     INSULATOR - LONGROD, 38V, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     250120     2       10     INSULATOR - LONGROD, 38V, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2     SEE NOTES 5 & 18)     158051     4       7     WASHER - SQUARE, 75x766m, GALVANISED (922mm HOLE)     518081     4     518081     4       6     WASHER - SQUARE, 75x766m, GALVANISED (922mm HOLE)     518081     4     518081     4     51808		16	, ,						A/R	
OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 18 & 19)     565747       14     JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 18)     514053     6       13     TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTES 6 & 18)     5140053     3       12     INSULATOR - SWA, AEROOYNAMIC, (39200 AND PIN ARRANGEMENT (SEE NOTE 9)     514006     2       11     INSULATOR - LONGROD, 33kV, POLYMARIC, (39200 AND PIN ARRANGEMENT (SEE NOTE 9)     514006     2       10     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT (SEE NOTE 9)     158754     2       10     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 5 & 18)     158754     2       10     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BADD - POLE, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       11     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       4     GRONDING, ARRANGEMEMENT -2     SEE NOTES 5 & 18)     158754     4       5     HOSEN     STANDARD     STANDARD     514156     1       4		15				· · · · ·			1	
14     JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 18)     514053     3       13     TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)     514038     2m       12     INSULATOR - 33KV, ZERODYNAMIC, (33920) AND PIN ARRANGEMENT (SEE NOTE 9)     514006     2       11     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 5 & 18)     250120     2       10     INSULATOR - LONGROD, 33KV, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDUNG, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       6     WASHER - SQUARE, 75x75x6mm, GALVANISED (#22mm HOLE)     518081     4       7     WASHER - SUARE, 75x75x6mm, GALVANISED (#22mm HOLE)     518082     4       4     CROSSARM - MOUNTING ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       3     FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)     512331     1										
JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 16)     514053     3       13     TE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)     514038     2m       12     NSULATOR - 38/V, AERODYNAMIC, (33920) AND PIN ARRANGEMENT (SEE NOTE 9)     514006     2       11     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT 3 (SEE NOTES 5 & 18)     158754     2       10     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2     514156     1       8     WASHER - SPRING, M20, GALVANISED     518081     4       7     WASHER - SPRING, M20, GALVANISED     518081     4       6     WASHER - SPRING, M20, GALVANISED (SEE NOTE 4)     518081     4       5     EYEBOLT - M20X200mm, GALVANISED (SEE NOTE 1)     518081     4       6     WASHER - LIP, M24, GALVANISED (SEE NOTE 1)     512331     1       2     EARTHING - CONCRETE FOLE, ARRANGEMENT '14 (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17) <t< td=""><td></td><td>1/</td><td colspan="5">JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 &amp; 18)</td><td>514053</td><td>6</td><td></td></t<>		1/	JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 18)					514053	6	
12     INSULATOR - 33kV, AERODYNAMIC, (33/920) AND PIN ARRANGEMENT (SEE NOTE 9)     514006     2       11     INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT - 3 (SEE NOTES 5 & 18)     250/120     2       11     INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT - 3 (SEE NOTES 5 & 18)     158754     2       10     INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT - 2 (SEE NOTES 5 & 18)     250/120     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT - 2 (SEE NOTES 5 & 18)     158754     1       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT - 2 (SEE NOTES 5 & 18)     158051     4       7     WASHER - SQUARE, 75x75x6mm, GALVANISED (#22mm HOLE)     518082     4       6     WASHER - SQUARE, 75x75x6mm, GALVANISED (#22mm HOLE)     518082     4       6     WASHER - LIP, M24, GALVANISED (SEE NOTE 4)     518082     4       5     EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 1)     513653     4       4     CROSSARM - MOUNTING ARRANGEMENT (SEE NOTE 1)     51231     1       2     EARTHING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)     51200     1       2     EARTHING - CONCRETE/STEEL, SINGLE POLE,		14	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 18)					514053	3	]
11     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 5 & 18)     250120     2       10     INSULATOR - LONGROD, 33KV, POLYMERIC STRING, ARRANGRMENT -3 (SEE NOTES 5 & 18)     158754     2       10     INSULATOR - LONGROD, 33KV, POLYMERIC STRING, ARRANGRMENT -2 (SEE NOTES 5 & 18)     250120     4       9     BAND - LONGROD, 33KV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2     5114158     1       8     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       7     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       6     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       5     EYEBOLT - M20x 200mm, GALVANISED     518081     4       4     CROSSARM - MOUNTING ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       3     FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)     512331     1     1       2     EARTHING - CONCRETE (SEE NOTE 1)     512331     1     1     1       2     EARTHING		13	TIE - CONDUCTOR, HIGH VOLTA	IE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)					2m	
11     INSULATOR - LONGROD, 33KV, POLYMERIC STRING, ARRANGRMENT -3 (SEE NOTES 5 & 18)     158754     2       10     INSULATOR - LONGROD, 33KV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     250120     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     158754     4       7     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       7     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       6     WASHER - SUPING, M20, GALVANISED     518081     4       5     EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 4)     518081     4       6     WASHER - LIP, M24, GALVANISED (SEE NOTE 4)     512633     4       1     CROSSARM - MOUNTING ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       3     FOOTING - CONCRETE POLE, ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)     514176     2       1     POLE - CONCRETE POLE, ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTE 14, 15, 16 & 17)     512331     1		12						514006	2	
INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGRMENT -3 (SEE NOTES 5 & 18)     16       10     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 18)     250120     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2     514158     1       8     WASHER - SQUARE, 75x75x6mm, GALVANISED     518081     4       7     WASHER - SPRING, M20, GALVANISED     518082     4       6     WASHER - LIP, M24, GALVANISED     518081     4       5     EYEBOLT - M20x200mm, GALVANISED     518081     4       6     WASHER - LIP, M24, GALVANISED     518081     4       7     WASHER - LIP, M24, GALVANISED     518081     4       8     CROSSARM - MOUNTING ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTEs 14, 15, 16 & 17)     514176     2       3     FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)     512331     1     1     2       1     POLE - CONCRETE (AS REQUIRED)     I     1     1     1     1       1     POLE - CONCRETE (AS REQUIRED)     STANDARD CONSTRUCTION     33k V DELTA CORNER POLE     1       1     POLE		11							2	
10     INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGRMENT -2 (SEE NOTES 5 & 18)     156754     4       9     BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2     514158     1       8     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       7     WASHER - SPRING, M20, GALVANISED (Ø22mm HOLE)     518082     4       6     WASHER - SPRING, M20, GALVANISED     518082     4       6     WASHER - LIP, M24, GALVANISED     518081     4       5     EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 4)     518083     4       6     WASHER - LIP, M24, GALVANISED (SEE NOTE 4)     513653     4       7     CROSSARM - MOUNTING ARRANGEMENT -1a (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 (AS REQUIRED)     1     1       11     POLE - CONCRETE (AS REQUIRED)     STANDARD CONSTRUCTION     3% V DEL TA CORNER POLE       14.5 NEWCASTLE RD WALLSEND,     STEPHEN CONNOR<									-	┢
INSULATOR - LONGROD, 33kV, POLYMERIC STRING, ARRANGRMENT -2 (SEE NOTES 5 & 18)   158754     9   BAND - POLE, MOUNTING & BONDING, ARRANGEMENT -2   514158   1     8   WASHER - SQUARE, 75x75x6mm, GALVANISED (922mm HOLE)   518081   4     7   WASHER - SPRING, M20, GALVANISED (922mm HOLE)   518082   4     6   WASHER - ILP, M24, GALVANISED (922mm HOLE)   518082   4     7   WASHER - LIP, M24, GALVANISED (922mm HOLE)   518082   4     6   WASHER - LIP, M24, GALVANISED (922mm HOLE)   518082   4     7   WASHER - LIP, M24, GALVANISED (922mm HOLE)   518081   4     6   WASHER - LIP, M24, GALVANISED (SEE NOTE 4)   518081   4     7   CROSSARM - MOUNTING ARRANGEMENT -1a (COMPOSITE FIBRE OR GALVANISED STEEL CROSSARM) (SEE NOTES 14, 15, 16 & 17)   514176   2     3   FOOTING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT   520209   1   1     1   POLE - CONCRETE (AS REQUIRED)   DT   1   1     1   POLE - CONCRETE (AS REQUIRED)   STANDARD CONSTRUCTION   33kV DELTA CORNER POLE   1     1   DESCIONED   STEPHEN CONNOR   STEPHEN CONNOR   33kV DELTA CORNER POLE <td></td> <td>10</td> <td>, ,</td> <td></td> <td>,</td> <td>Υ Υ</td> <td>8)</td> <td></td> <td>4</td> <td>1</td>		10	, ,		,	Υ Υ	8)		4	1
8     WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)     518081     4       7     WASHER - SPRING, M20, GALVANISED     518082     4       6     WASHER - LIP, M24, GALVANISED     518081     4       5     EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 4)     518081     4       4     CROSSARM - MOUNTING ARRANGEMENT -1a (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 (AS REQUIRED)     1     1 <b>TEM DESCRIPTION DRG. No QTY</b> NETWORK STANDARD     SCALE     1.25     STANDARD CONSTRUCTION       33k V     DELTA     CORNER POLE     TERMINATION CONSTRUCTION       145     NEWCASTLE RD WALLSEND,     STEPHEN CONNOR     APPROVED     STEPHEN CONNOR       NSW 2287     DOLEDAK     STD     4.27C / E     4.27C / E				DD, 33kV, POLYMERIC STRING, ARRANGRMENT -2 (SEE NOTES 5 & 18)						
7 WASHER - SPRING, M20, GALVANISED 518082 4   6 WASHER - LIP, M24, GALVANISED 518081 4   5 EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 4) 518083 4   4 CROSSARM - MOUNTING ARRANGEMENT -1a (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   STANDARD CONSTRUCTION 33k V DELTA CORNER POLE TERMINATION CONSTRUCTION 33k V DELTA CORNER POLE   ITEM DESIGNED P.JONES DRAWN P.RIOS CHECKED P.JONES   DATE 20/12/2007 WITH OVERHEAD EARTHWIRE   427C / E NOTEN CONSTRUCTION   NSW 2287 SHEET AMD										1
6 WASHER - LIP, M24, GALVANISED 518081 4   5 EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 4) 513653 4   4 CROSSARM - MOUNTING ARRANGEMENT -1a (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 (AS REQUIRED) 1 1   ITEM   DESCRIPTION   DESCRIPTION   DRG. No QTY   INTEWORK STANDARD   STANDARD CONSTRUCTION   DRG. No P.JONES   DRAWN P.RIOS STANDARD CONSTRUCTION   33kV DELTA CONSTRUCTION   34kV DELTA CONSTRUCTION   33kV DELTA CONSTRUCTION   34kV DELTA CONSTRUCTION   34kV DELTA CONSTRUCTION   35kV DELTA CONSTRUCTION   4287 STEPHEN CONNOR STEPHEN CONNOR   145 NEWCASTLE RD WALLSEND, STEPHEN CONNOR STEPHEN CONNOR   NSW 2287 STEV STEPHEN CONNOR										
5   EYEBOLT - M20x200mm, GALVANISED (SEE NOTE 4)   513653   4     4   CROSSARM - MOUNTING ARRANGEMENT -1a (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 (AS REQUIRED)   1   1     ITEM   DESCRIPTION     NETWORK STANDARD     SCALE   1.25     DRG. No   QTY     STANDARD CONSTRUCTION     3k V   DELTA   CORNER POLE     TERMINATION   CONSTRUCTION   3kV     3k V   DELTA   CONSTRUCTION     WITH OVERHEAD EARTHWIRE   PROJECT   NUMBER     NSW 2287   STED   SIZE   DRAWING NO										E
4   CROSSARM - MOUNTING ARRANGEMENT -1a (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 (AS REQUIRED)   1     ITEM     NETWORK STANDARD     SCALE   1.25     DRAWN   P.RIOS     CHECKED   P.JONES     DRAWN   P.RIOS     CHECKED   P.JONES     APPROVED   STEPHEN CONNOR     DATE   20/12/2007     PROJECT   STD     V287   SHEET									-	
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     ITEM   DESCRIPTION   DRG. No   QTY     NETWORK STANDARD   SCALE   1.25   STANDARD CONSTRUCTION     NETWORK STANDARD   SCALE   1.25   STANDARD CONSTRUCTION     0   NETWORK STANDARD   SCALE   1.25   STANDARD CONSTRUCTION   33k V   DELTA   CORNER POLE     145   NEWCASTLE RD WALLSEND, NSW 2287   STEPHEN CONNOR PROJECT   PROJECT   STD   4-27C/E   WITH OVERHEAD EARTHWIRE     145   NEWCASTLE RD WALLSEND, NSW 2287   SIZE   IDRAWING NO   SHEET   AMD		5								
2   EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT   520209   1     1   POLE - CONCRETE (AS REQUIRED)   1     ITEM   DESCRIPTION   DRG. No   QTY     NETWORK STANDARD   SCALE   1.25   STANDARD CONSTRUCTION     NETWORK STANDARD   SCALE   1.25   STANDARD CONSTRUCTION   33k V   DELTA   CORNER POLE     145   NEWCASTLE RD WALLSEND, NSW 2287   STD   PROJECT   STD   4-27C/E   VITH OVERHEAD EARTHWIRE   4-27C/E     145   NEWCASTLE RD WALLSEND, NSW 2287   SIZE   DRAWING No   SHEET   AMD										
1 POLE - CONCRETE (AS REQUIRED) 1   ITEM DESCRIPTION DRG. No QTY   NETWORK STANDARD SCALE 125 STANDARD CONSTRUCTION   METWORK STANDARD SCALE 125 STANDARD CONSTRUCTION   MANN P.RIOS CHECKED P.JONES   DRAWN P.RIOS STEPHEN CONNOR BAPROVED   MATE 20/12/2007 WITH OVERHEAD EARTHWIRE   H45 NEWCASTLE RD WALLSEND, STD SIZE DRAWING No   NSW 2287 DROUTDAK SIZE DRAWING No							512331	1	1	
ITEM DESCRIPTION DRG. No QTY   NETWORK STANDARD SCALE 1:25 STANDARD CONSTRUCTION   Ausgrid SCALE P.JONES   DRAWN P.RIOS   DRAWN P.RIOS   DRAWN P.JONES   DRAWN P.JONES   DRAWN P.JONES   DRAWN P.JONES   DRAWN P.JONES   DRAWN STEPHEN CONNOR   DATE 20/12/2007   PROJECT STD   NSW 2287 SIZE										
NETWORK STANDARD   SCALE   1:25   STANDARD CONSTRUCTION     Ausgrid   BSIGNED   P.JONES   33kV   DELTA   CORNER   POLE     DRAWN   P.RIOS   CHECKED   P.JONES   TERMINATION   CONSTRUCTION     APPROVED   STEPHEN   CONNOR   WITH   OVERHEAD   EARTHWIRE     145   NEWCASTLE RD   WALLSEND,   NMBER   STD   4-27C/E     NSW   2287   DRO LIDAK   SIZE   DRAWING NO   SHEET   AMD		2			ARRANGEMENT					
NETWORK STANDARD   STANDARD   STANDARD   CONSTRUCTION     Ausgrid   DESIGNED   P.JONES   33kV   DELTA   CORNER   POLE     DRAWN   P.RIOS   CHECKED   P.JONES   TERMINATION   CONSTRUCTION     MARD   DATE   20/12/2007   WITH OVERHEAD EARTHWIRE     NSW 2287   DROUTDAK   SIZE   DRAWING NO		2			ARRANGEMENT					
		2				N		520209	1	
		2 1 ITEM 45 NEWCAS	POLE - CONCRETE (AS REQUIR NETWORK STANDARD Ausgrid	ED) SCALE DESIGNED DRAWN CHECKED APPROVED DATE PROJECT	DESCRIPTIO 1:25 P.JONES P.RIOS P.JONES TEPHEN CONNOR 20/12/2007	STANDARD CONSTR 33kV DELTA CORN TERMINATION CONS WITH OVERHEAD EA	ER POLE TRUCTION	520209 DRG. No	1	F
		2 1 ITEM 45 NEWCAS	POLE - CONCRETE (AS REQUIR NETWORK STANDARD Ausgrid	ED) SCALE DESIGNED DRAWN CHECKED APPROVED DATE PROJECT NUMBER PROJTRAK	DESCRIPTIO 1:25 P.JONES P.RIOS P.JONES TEPHEN CONNOR 20/12/2007	STANDARD CONSTR 33kV DELTA CORN TERMINATION CONS WITH OVERHEAD EA 4-27C/E SIZE   DRAWING NO	ER POLE TRUCTION ARTHWIRE	520209 DRG. No	1 QTY	- F