

507773-1.dgn 12/14/2023 12:25:59 PM

NOTE:: • ACCELUTION INFORMATION IS GRADER TRUM THE PROCEED ESCAPACING ALL INFORMATION AND CONTROLLING AND CONTROL AND CONTRAND CONTROL AND CONTROL A	5		6			7		8				
PACES WET TO BE REPETTED WITH APPLICE CHITER SEPARATICA (DMENSION X) OF 4400mm WHEN NETALING A 3000mm (DRESSAM AND SXXxmm VMEXN A PACES SEPARATICA (DRESSAM) A PACES SEPARATICA (DRESSAM) SYSTEM (DECARAGE PROVIDE NA 2000mm CHOSSAM) AND SXXxmm VMEXN A PACES SEPARATICA (DRESSAM) SYSTEM (DECARAGE PROVIDE NA 2000mm CHOSSAM) AND SXXxmm VMEXN A PACES SEPARATICA (DRESSAM) AND CARAMCE PROVIDE NA 2000mm CHOSSAM) AND SXXxmm VMEXN SATAY TO RE INSTALLED SO THAT THE STANMED CLEARAGE PROVIDE NEW SECONDETORS COMPLEX WITH THE STATUTORY REQUERTMENTS LONGROUNDUCTOR TO SE USED UNDER NORMAL COORDITORS A MADE AND SXXXmm VXXmm VXXm	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. PHASE CONDUCTOR AND OVERHEAD EARTHWIRE SIZE. e. STAY REQUIREMENTS. f. DEVIATION ANGLE. g. ASSESSED EARTHING REQUIREMENTS. 2. THE STRUCTURE SHALL BE ERECTED SO THAT THE POLES ARE VERTICAL, THE TOPS OF POLES ARE LEVEL AND THE CROSSARM IS HORI. 3. THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.								ZONTAL.			
1.1 Intel Default Overhielez Dearthwite OPTION IS SHOWN ON THIS CONSTRUCTION DRAWNES. 1.2 LOLLY THE DEPaul OVERHIEZED EARTHWITE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWNES. 1.3 LISE THE OPEN OVERHIEZED EARTHWITE ENTERNING ARRANGEMENT WHELE RECTING A KIO OPON OVERHEAD EARTHWITE. 1.4 DE STRES MARCIN DATA DE LISTALLED. THEY ARE TO COMPLY WITH THE REQUIREMENTS OF NETWORK AND MARCH DEATHWITE. 1.5 DES THES ONLD UN VE INSTALLED OF DECISION OF ANY AND STANDARD DATATIVED POT THE LIFE OF 1.6 DESIGNER SAFETY REPORT D22/12289 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 19 STEP - POLE. SCREW AN USEE NOTE 14) 18 SCREW - SELE DRILING, 4F2440m, G4LVANSED (SIC: 175567) 18 SCREW - SELE DRILING, 4F2440m, G4LVANSED (SIC: 175567) 19 STEP - POLE. SCREW AN USEE NOTE 14) 18 SCREW - SELE DRILING, 4F2440m, G4LVANSED (SIC: 175567) 19 STEP - POLE. SCREW AN USEE NOTE 14) 18 SCREW - SELE DRILING, 4F2440m, G4LVANSED (SIC: 175567) 19 STEP - POLE. SCREW AN USEE NOTE 14) 19 STEP - POLE. SCREW AN USEE NOTE 14) 10 SCREW - SELE DRILING, 4F2440m, G4LVANSED (SIC: 175567) 10 POIN - SUBPENSION, COMULCIOR AND KONTING, ARRANGEMENT - IG SEE NOTES 12 & 13) 19 STEP - POLE. SCREW AN USEE NOTE 11) 10 SCREW - SELE DRILING, 4F2440m, G4LVANSED (SIC: 175567) 10 POIN - SUBPENSION, COMULCIOR AND KONTING, ARRANGEMENT - IG SEE NOTES 12 & 13) 24478E 10 POIN - SUBPENSION, COMULCIOR AND KONTING, ARRANGEMENT - IG SEE NOTES 12 & 13) 24478E 10 POIN - SUBPENSION, COMULCIOR AND KONTING, ARRANGEMENT - IG SEE NOTES 12 & 13) 24478E 10 SULTAR - LOTION SUBPENSION, COMULANDER AND KONTING, ARRANGEMENT - IG SEE NOTES 12 & 13) 24478E 2000000000000000000000000000000000	 4. POLES ARE TO INSTALLING AN 5. A PHASE SEPAF 6. STAYS TO BE IN 7. LONGROD INSU 8. WHERE A 250x9 50mm DIAMETEI 9. ALL BOLTS PAS 10. POLES SHALL 11. THE EARTHING 	BE ERECTEL 11000mm CF RATION (DIMI ISTALLED SC LATORS TO 0mm CROSS R & 50mm DE SING THROL BE DRILLED,	O WITH A POLE CE ROSSARM. ENSION 'B') OF 440 D THAT THE STAYV BE USED UNDER N GARM AND/OR STA EEP, AND THE COL JGH TIMBER ARE T , SCARFED AND DF	NTRE SEPARATION Omm EXISTS WHEN VIRE CLEARANCE F NORMAL CONDITION YS ARE SPECIFIED, LAR (ITEM 9) IS TO F O BE COATED WITH RESSED ON SITE. DI	(DIMENSION I INSTALLING ROM THE PH NS. THE CROSS BE LET INTO H GRAPHITE RILLING AND	I 'A') OF 4400mm WHEN IN A 9000mm CROSSARM A ASE CONDUCTORS CON ARM MOUNTING HOLES THE POLE BEHIND THE GREASE. SCARFING TO BE TREA DED GALVANISED STEEL	NSTALLING A AND 5400mm ¹ MPLIES WITH IN THE TIMBE CROSSARM. TED WITH AP	9000mm CROSSARM AND WHEN INSTALLING AN 11 THE STATUTORY REQUIN R POLES ARE TO BE CO PROVED PRESERVATIVE	0 5400mm WHE 000mm CROSS REMENTS. UNTERBORED S.	N SARM. TO	В	
18 SCREW - SELF DRILLING, #12x45mm, GALVANISED (SIC. 175567) AR 17 EARTHWIKE - SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT - 1a (SEE NOTES 12 & 13) 507790 2 16 SADUE - 15mm, DOUBLE SIDED, GALVANISED (SEE NOTE 11) AR AR 16 CONDUCTOR, MEDLURY, 74.5 AAC (SIC: H1343) (SEE NOTE 11) AR AR 17 MSULATOR - LONGROD, 132W, POLYMERIC STRING, ARRANGEMENT - 8 (SEE NOTE 7) 520314 3 18 WASHER - FLAT, M20, GALVANISED 510802 6 12 WASHER - FLAT, M20, GALVANISED 510802 6 10 PLATE - DROPPER, GALVANISED 510802 6 11 BOLT & NUT - M20X60mm, FLX, GALVANISED 510802 2 14 WASHER - FLAT, M24, GALVANISED 510802 2 11 BOLT & NUT - M20X60mm, FLX, GALVANISED 510801 2 11 BOLT & NUT - M24, GALVANISED 510801 2 14 WASHER - FLAT, M24, GALVANISED (LENGTH TO SUIT POLE) 510801 2 15 BOLT & NUT - M24, H2X, GALVANISED (VP-AA-LH) (SEE NOTES 4 & 5) 507744 1 1	 THE EARTHING ONLY THE OPG USE THE OPG USE THE STAN POLE STEPS S THE POLE. IF F REFER TO DES 	 12. ONLY THE OPGW OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING. 13. USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE. 14. POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOT BE MAINTAINED I THE POLE. IF POLE STEPS ARE INSTALLED, THEY ARE TO COMPLY WITH THE REQUIREMENTS OF NETWORK STANDARD NS128. 15. REFER TO DESIGNER SAFETY REPORT D22/123288 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION. 								FOR THE LIFE OF		
9 COLLAR - ø50mm (SEE NOTE 8) 507733 2 8 WASHER - FLAT, M24, GALVANISED 518081 2 7 WASHER - SQUARE, 75x75x8mm, GALVANISED 518082 2 6 WASHER - SQUARE, 75x75x8mm, GALVANISED (Ø27mm HOLE) 518081 2 5 BOLT & NUT - M24, HEX, GALVANISED (LENGTH TO SUIT POLE) 518081 2 6 WASHER - SQUARE, 75x75x8mm, GALVANISED (WP-AA-H) (SEE NOTES 4 & 5) 507744 2 4 CROSSARM - CHANNEL, 250x90x11000mm, GALVANISED (WP-AA-H) (SEE NOTES 4 & 5) 507744 1 CROSSARM - CHANNEL, 180x75x1000mm, GALVANISED (WP-AA-H) (SEE NOTES 4 & 5) 507743 1 3 FOOTING - TIMBER POLE, ARRANGEMENT 508726 2 2 EARTHING - TIMBER, MULTPLE POLE, ARRANGEMENT 500726 2 1 POLE - TIMBER, TYPE WPI (AS REQUIRED) (SEE NOTE 2) 507726 2 1 POLE - TIMBER, TYPE WPI (AS REQUIRED) (SEE NOTE 2) 507726 2 ITEM DESCRIPTION DRG. No QTY 132kV HORIZONTAL 'H' POLE SUSPENSION CONSTRUCTION 145 SNEWC		18 S 17 E 16 S 15 C 14 II 13 V 11 E 10 F	SCREW - SELF DF EARTHWIRE - SUS DPGW - SUSPENS SADDLE - 15mm, I CONDUCTOR - ME NSULATOR - LON VASHER - SPRING VASHER - FLAT, N 30LT & NUT - M20 PLATE - DROPPEF	RILLING, #12x45mm SPENSION, OVERH SION, CONDUCTOR DOUBLE SIDED, GA RCURY, 7/4.5 AAC GROD, 132kV, POL G, M20, GALVANISED X50mm, HEX., GAL R, GALVANISED	n, GALVANIS IEAD, MOUN R, MOUNTING ALVANISED C (S/C: H1343 YMERIC ST ED	ED (S/C: 175567) MING, ARRANGEMENT G, ARRANGEMENT -1a ((SEE NOTE 11) 33) (SEE NOTE 11) RING, ARRANGEMENT -	-M2 OR M2A SEE NOTES	(SEE NOTES 12 & 13) 12 & 13) E 7)	507790 244708 520314 518082 518081 515465 508727	A/R 2 A/R A/R 3 6 12 6 3		
Statistics Statistics Statistics 3 FOOTING - TIMBER POLE, ARRANGEMENT (SEE NOTE 1) 508726 2 2 EARTHING - TIMBER, MULTIPLE POLE, ARRANGEMENT 520225 1 1 POLE - TIMBER, TYPE WPI (AS REQUIRED) (SEE NOTE 2) 507726 2 ITEM DESCRIPTION DRG. No QTY NETWORK STANDARD STANDARD CONSTRUCTION DESCRIPTION DRG. No QTY NETWORK STANDARD STANDARD CONSTRUCTION DESCRIPTION DRG. No QTY NETWORK STANDARD STANDARD CONSTRUCTION DESCRIPTION DESCRIPTION DRG. No QTY STANDARD CONSTRUCTION DESCRIPTION DBSCRIPTION STANDARD CONSTRUCTION DESCRIPTION DATE DESCRIPTION DATE DESCRIPTION DATE DESCRIPTION DATE DATE <th colspan<="" td=""><td></td><td>9 (8 V 7 V 6 V 5 E 4 (0</td><td>COLLAR - Ø50mm NASHER - FLAT, I NASHER - CONIC/ NASHER - SQUAF BOLT & NUT - M24 CROSSARM - CHA CROSSARM - CHA</td><td colspan="5">AR - Ø50mm (SEE NOTE 8) IER - FLAT, M24, GALVANISED IER - CONICAL, M24, GALVANISED IER - SQUARE, 75x75x6mm, GALVANISED (Ø27mm HOLE) & NUT - M24, HEX., GALVANISED (LENGTH TO SUIT POLE) SSARM - CHANNEL, 250x90x11000mm, GALVANISED (WP-AA-LH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 180x75x11000mm, GALVANISED (WP-AA-LL) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5)</td><td>507739 518081 518082 518081 515465 507744 507743 507743</td><td>2 2 2 2 2 2 1</td><td>E</td></th>	<td></td> <td>9 (8 V 7 V 6 V 5 E 4 (0</td> <td>COLLAR - Ø50mm NASHER - FLAT, I NASHER - CONIC/ NASHER - SQUAF BOLT & NUT - M24 CROSSARM - CHA CROSSARM - CHA</td> <td colspan="5">AR - Ø50mm (SEE NOTE 8) IER - FLAT, M24, GALVANISED IER - CONICAL, M24, GALVANISED IER - SQUARE, 75x75x6mm, GALVANISED (Ø27mm HOLE) & NUT - M24, HEX., GALVANISED (LENGTH TO SUIT POLE) SSARM - CHANNEL, 250x90x11000mm, GALVANISED (WP-AA-LH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 180x75x11000mm, GALVANISED (WP-AA-LL) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5)</td> <td>507739 518081 518082 518081 515465 507744 507743 507743</td> <td>2 2 2 2 2 2 1</td> <td>E</td>		9 (8 V 7 V 6 V 5 E 4 (0	COLLAR - Ø50mm NASHER - FLAT, I NASHER - CONIC/ NASHER - SQUAF BOLT & NUT - M24 CROSSARM - CHA CROSSARM - CHA	AR - Ø50mm (SEE NOTE 8) IER - FLAT, M24, GALVANISED IER - CONICAL, M24, GALVANISED IER - SQUARE, 75x75x6mm, GALVANISED (Ø27mm HOLE) & NUT - M24, HEX., GALVANISED (LENGTH TO SUIT POLE) SSARM - CHANNEL, 250x90x11000mm, GALVANISED (WP-AA-LH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 180x75x11000mm, GALVANISED (WP-AA-LL) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5) SSARM - CHANNEL, 250x90x9000mm, GALVANISED (WP-AA-NH) (SEE NOTES 4 & 5)					507739 518081 518082 518081 515465 507744 507743 507743	2 2 2 2 2 2 1	E
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