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DTES 14, 16, 17 & 18)	NOTES : 1. THE FOLLOWING INFORMATION IS OBT a. POLE LENGTH AND STRENGTH. b. SPECIAL FOUNDATION REQUIREME c. POLE EMBEDMENT DEPTH. d. PHASE CONDUCTOR AND OVERHEA e. VARIATIONS TO STANDARD CROSS. f. STAY REQUIREMENTS. g. DEVIATION ANGLE. h. ASSESSED EARTHING REQUIREMEN 2. THE MAXIMUM LINE DEVIATION ANGLE 3. WHEN DESIGNING UNDERBUILT CIRCU	AINED FROM THE PROJECT DESIGN DRAV NTS. AD EARTHWIRE SIZE. ARM REQUIREMENTS. TO BE CONSTRUCTED ON THIS ARRANGE ITS ON A 33kV STRUCTURE, THE POSSIBL CIRCUIT SEPARATION TO ALLOW A MINIM	WINGS: EMENT IS TO BE DETERMINED BY THE LINE DESIGNER. .E USE OF LIVE LINE WORKING PROCEDURES MUST BE //UM CLEARANCE OF 2500mm IF REQUIRED.	A
9 (SEE NOTE 7) 8 (SEE NOTES 5 & 16)	 LONGROD INSULATORS TO BE USED U NON-TENSION COMPRESSION SLEEVES USE THE ANGLE TYPE CONDUCTOR THE CONDUCTOR TO POLE CLEARANCE IS 'A' AND 'C' PHASE CONDUCTORS MAY E THE LINE IS SINGLE CIRCUIT OR STA MINIMUM CLEARANCES TO EARTH (F WHEN THE CONDITIONS IN A AND b A INSTALLED FOR THE 'A' AND 'C' PHASE INSTALL A 33/920 PIN INSULATOR ARR TO THE STEEL CROSSARM AND REDU STAYS TO BE INSTALLED SO THAT TH REQUIREMENTS. EYEBOLTS ARE TO BE INSTALLED TO 	NDER NORMAL CONDITIONS. S TO BE USED WHEN REQUIRED TO JOIN E ARRANGEMENT AS SHOWN ON DRG: 514 TO BE A MINIMUM OF 380mm. 3E BRIDGED UNDER THE CROSSARM PRO TUTORY CLEARANCES CAN BE MAINTAIN POLE/HARDWARE) OF 380mm CAN BE MET ARE NOT MET, A 33kV 33/920 AERODYNAMI SE CONDUCTORS. RANGEMENT TO HOLD THE CONDUCTOR T JCE THE RISK OF A FLASHOVER DUE TO F E STAY WIRE CLEARANCE FROM THE PHA BISECT THE ANGLE OF DEVIATION. T POINT ON A CONCRETE POLE IS TO BE A	CONDUCTORS. 4038. DVIDED THAT: IED UNDER ALL OPERATING CONDITIONS. IC INSULATOR AND PIN ARRANGEMENTIS TO BE TAPPING TO INCREASE THE CONDUCTOR CLEARANCE PERCHED BIRDS. ASE CONDUCTORS COMPLIES WITH THE STATUTORY AN M12 STAINLESS STEEL EARTH FERRULE.	В
) 5 6 & 15)	 15. ONLY THE 3000mm STEEL CROSSARM PATTERN OF ALTERNATE CROSSARM 16. ONLY THE SINGLE PHASE CONDUCTO CONSTRUCTION DRAWING. 17. USE THE OPGW THROUGH TERMINAT USE THE OPGW THROUGH SPLICE BO USE THE STANDARD EARTHWIRE TER 18. WHEN USING THE OPGW THROUGH S COILED CABLE BRACKET MOUNTING I 19. POLE STEPS SHOULD ONLY BE INSTA MAINTAINED FOR THE LIFE OF THE PO NETWORK STANDARD NS128. 	I OPTION IS SHOWN ON THIS CONSTRUCT DR WITH OPGW THROUGH TERMINATION OF ION ARRANGEMENT WHEN ERECTING AN DX TERMINATION ARRANGEMENT WHEN B RMINATION ARRANGEMENT WHEN ERECTI PLICE BOX TERMINATION ARRANGEMENT DETAILS. LLED ON POLES WHERE ACCESS FOR NO DLE. IF POLE STEPS ARE INSTALLED, THE	TION DRAWING. REFER TO DRG: 237491 FOR DRILLING OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS I UNBROKEN OPGW OVERHEAD EARTHWIRE. BREAKING AN OPGW OVERHEAD EARTHWIRE. ING A NON OPGW OVERHEAD EARTHWIRE. T, REFER TO DRG: 565743 FOR SPLICE BOX AND ORMAL MAINTENANCE VEHICLES CANNOT BE Y ARE TO COMPLY WITH THE REQUIREMENTS OF SSOCIATED WITH THIS STANDARD CONSTRUCTION.	С

RD WALLSEND,		ESIGNED RAWN HECKED PPROVED ATE	1:25 - PETER SAUNDERS P.A.S G.SKINNER 25/06/1996 STD	STANDARD CONSTRUCTION 33kV THROUGH TERMINATION CONSTRUCTIO WITH OVERHEAD EARTHWIRE 4-11C/E					ION	F			
	ITEM								DRG. No	QTY			
	1 POLE - CONCRETE (AS REQUIRED)								1				
	2	 7 INSULATOR - 33kV, AERODYNAMIC, (33/920) AND PIN ARRANGEMENT (SEE NOTE 10) 6 WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE) 5 EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTE 4) 4 CROSSARM - MOUNTING ARRANGEMENT -2b (GALVANISED STEEL OR COMPOSITE FIBRE CROSSARM) (SEE NOTES 13 & 15) 3 FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1) 2 EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT 						520209	1				
	3							51233 <mark>1</mark>	1 1 1				
	4							5) 514176					
	5							513653					
	6							51808 <mark>1</mark>	2				
	7							514006	1	E			
	0	INSULATOR - LO	NGROD, 33k	V, POLYMERIC STRING, ARRANG	GEMENT -2 (SEE NOTES 5 & 1	6)		158754	158754 0			
	8	INSULATOR - LONGROD, 33kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 5 & 16)						250120	- 6				
	9	9 TIE - CONDUCTOR, HIGH VOLTAGE, SUPPORT ARRANGEMENT (SEE NOTE 7)						514038	1m				
	10	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 15)							514053	3			
	10	JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTORS) (SEE NOTES 6 & 15)							514053	6			
		OPGW - TERMIN	MINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 14, 16 & 17)			565747							
	11	OPGW - TERMIN	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 14, 16, 17 & 18)						565747	1			
		EARTHWIRE - TE	ERMINATION,	N, OVERHEAD, MOUNTING, ARRANGEMENT -2A (SEE NOTES 14, 16 & 17)				519450		-			
	12	WASHER - CONICAL, M20, GALVANISED							518082	1	1		
	13	STEP - POLE (SI	TEP - POLE (SEE NOTE 19)						514084	A/R			

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