

5	5 6			7		8						
NOTES :												
	ORMATION IS OBTAINED FROM	THE PROJECT DESIGN D	RAWINGS :									
a. POLE LENGTH AND STRENGTH. b. SPECIAL FOUNDATION REQUIREMENTS.												
c. POLE EMBEDMENT DEPTH. d. CONDUCTOR SIZE.												
e. CROSSARM SIZE AI	ND BRACE REQUIREMENTS.								A			
f. STAY REQUIREMENTS. g. DEVIATION ANGLE.												
h. ASSESSED EARTHI 2. THE MAXIMUM LINE D		RUCTED ON THIS ARRA	NGEMENT IS TO BE DE	TERMINED BY THE LINE DESIGI	NER.							
3. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS126.								0mm				
4. IN AREAS WHERE THE 11kV NETWORK CANNOT BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 1200mm IN AREAS WHERE THE 11kV NETWORK CAN BE WORKED ON USING LIVE LINE TECHNIQUES, UNDERBUILT CIRCUITS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 2500mm.												
	LATOR PINS PASSING THROUG TION ALLOWABLE ON THE EYE											
	LLED, SCARFED AND DRESSED E CONDUCTOR TIE ARRANGEM			ATED WITH APPROVED PRESER	RVATIVES.							
9. CCT CONDUCTOR INS	SULATION SHALL ONLY BE REM	OVED BY THE USE OF AN	APPROVED CCT CON									
10. LONGROD INSULATORS TO BE USED TO TERMINATE BARE CONDUCTOR UNDER NORMAL CONDITIONS. 11. A 2100mm & A 2700mm CROSSARM IS TO BE USED AS THE DEFAULT CROSSARMS. FOR NARROW FEEDER ALIGNMENTS, A 2400mm CROSSARM MAY BE CONSIDERED FOR TERMINATION												
OF THE BARE CONDUCTORS TO OVERCOME DESIGN AND SITE CONSTRAINTS. A 3070mm COMPOSITE FIBRE OR 3000mm STEEL CROSSARM IS TO BE USED WHEN THE MAXIMUM LOAD A TIMBER CROSSARM IS EXCEEDED.								LOAD C)F			
12. ONLY THE 2100mm & CROSSARMS.	2700mm CROSSARM OPTION I	S SHOWN ON THIS CONS	TRUCTION DRAWING.	REFER TO DRGS : 15232, 51437	7 & 237491 FOR DRILLING F	PATTERN OF	ALTERNAT	ΓE	В			
	RM BRACES ARE TO BE USED	ON A 2100mm, 2700mm, 3	000mm & 3070mm CRC	SSARM. THE 740mm CROSSARM	I BRACE IS TO BE USED O	N A 2400mm	CROSSAR	И.				
		32 STEP - POLE,	SCREW-IN (SEE NOTE	3)		250144	185198	A/R				
		31 ARRESTER -	SURGE, 11kV, CCT, AR	RANGEMENT -3		177151		1	1			
			SURGE, 11kV, CCT, AR ALLEL GROOVE, 3-BOL	RANGEMENT -1 T (TO SUIT CONDUCTOR)		177151 514099		2				
		28 TIE - CONDUC	TOR, HIGH VOLTAGE,	SUPPORT ARRANGEMENT (SEE	,	514038		2m				
		27 INSULATOR - 26 COVER - STRA		C, (22/450) AND PIN ARRANGEM	ENT	513997	144543	2				
			IN CLAMP DUCTOR STRAIN, FOR (CT180			144543 176313	ა				
			DUCTOR STRAIN, FOR (144527	3				
		24 INSULATOR - S	OUCTOR STRAIN, FOR C	C180			144535 144550	3				
			0kN (PLP PART No. CTS				DIRECT PURCHASE	3	ſ			
SEE NOTE 8)		BLOCK - GAIN		ING ARRANGEMENT AR -2 [USE WITH 3070mm CROSSARM]		565715	146282	3				
(28)		21 BLOCK - GAIN	ALUMINIUM, 100mm (U	SE WITH 2100mm, 2400mm, 2700m	m & 3000mm CROSSARMS)		146274	2				
			AT, M20, GALVANISED AT, M20, GALVANISED	(USE WITH 2100mm, 2400mm & 2	2700mm CROSSARMS)	518081 518081	177986 177986	4				
		18 WASHER - SC	UARE, 75x75x6mm, GA	LVANISED (Ø22mm HOLE) (USE V	,	518081	H39231	4				
		WASHER - LIP	, M24, GALVANISED (US 20x200mm, GALVANISE	E WITH 2100mm, 2400mm, 2700m	m & 3000mm CROSSARMS)	518081 513653	176912 H37881	4				
				ED (USE WITH 3000mm & 3070mi	n CROSSARMS)	518082	175569					
		WASHER - CO	ONICAL, M20, GALVANISED (USE WITH 2100mm, 2400mm & 2700mm CROSSARMS) CONICAL, M20, GALVANISED			518082	H39655	4 	-			
				LVANISED (Ø22mm HOLE)		518082 518081	H39655 H39231	2	2 8 2			
				TO SUIT POLE) (SEE NOTE 6)		513653 518082	H12047	2				
		1 12	12 WASHER - SPRING, M12, GALVANISED (USE WITH 3000mm & 3070mm CROSSARMS) WASHER - CONICAL, M12, GALVANISED (USE WITH 2100mm CROSSARM)					2	D			
			11 WASHER - FLAT, M12, GALVANISED					4				
		10	10 BOLT & NUT - M12x150mm, HEX., GALVANISED (USE WITH 3070mm CROSSARM) BOLT & NUT - M12x180mm, HEX., GALVANISED (USE WITH 2100mm & 3000mm CROSSARMS)					2				
		CROSSARM -	CROSSARM - 3070x125x125mm, ITEM 3, COMPOSITE FIBRE (SEE NOTES 11 & 12)				46888 183935		1			
				HS, GALVANISED (SEE NOTES 1 E H, HARDWOOD (SEE NOTES 1	,	514377 514374	H23787 H23745	1				
		8 BRACE - CRO	8 BRACE - CROSSARM, FLAT, 690mm, GALVANISED (SEE NOTE 13)					2				
(SEE NOTE 13)			2	ED (USE WITH 3000mm & 3070mi SED (USE WITH 2400mm CROSS	,	518082 518082	H12047 H39639	2				
		WASHER - CO	NICAL, M12, GALVANI	SED (USE WITH 2700mm CROSS	ARM)	518082	H39639	2				
\prec		6		(USE WITH 2400mm CROSSARM (USE WITH 2700mm, 3000mm & 3		518081 518081	177982 177982	2				
1		BOLT & NUT -	M12x150mm, HEX., GA	LVANISED (USE WITH 3070mm C	CROSSARM)	515466	46847	2				
			, ,	LVANISED (USE WITH 2400mm (VANISED (USE WITH 2700mm &	,	515466 515466	46847 46888	1	E			
			- M12x180mm, HEX., GALVANISED (USE WITH 2700mm & 3000mm CROSSARMS) - 3070x125x125mm, ITEM 3, COMPOSITE FIBRE (SEE NOTES 11 & 12)			237491	40000 183935	۷				
		4	CROSSARM - 3000x150x100x5mm, RHS, GALVANISED (SEE NOTES 11 & 12)				H23787	1				
			CROSSARM - 2400x125x100mm, TYPE H2, HARDWOOD (SEE NOTES 11 & 12) CROSSARM - 2700x150x100mm, TYPE C, HARDWOOD (SEE NOTES 11 & 12)				71910 H23907					
			3 SCREW - COACH, M12x100mm, GALVANISED				H40484	2				
			2 BRACE - CROSSARM, ANGLE, TYPE H, 740mm, GALVANISED (SEE NOTE 13) BRACE - CROSSARM, FLAT, 690mm, GALVANISED (SEE NOTE 13)				99119 H17738	1 2				
		1 POLE - TIMBER (AS REQUIRED)				STOCK	1					
							QTY					
			1:20 STANDARD CONSTRUCTION PHIL JONES STANDARD CONSTRUCTION									
	PATRICIA	rios 11k	V CCT TO BAR	E CONDUCTOR				_				
			PHIL JONES CORNER POLE TERMINATION					F				
	APPROVE DATE	07/12/		CONSTRUCTION 2-412								
145 NEWCASTLE RD WALLSE	ND, PROJECT	STD										
NSW 2287	PROJTRA	<	SIZE	DRAWING No		SHEET AMD			1			
	NUMBER	-	A2		<u>54234</u>	01		2				
5	6			7		8			()			