



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 SIZE.
 - e. STAY REQUIREMENTS.
 - f. DEVIATION ANGLE.
 - g. ASSESSED EARTHING REQUIREMENTS.
2. THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
3. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS126.
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.
5. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT IS TO BE DETERMINED FROM DRG : 520324.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. EYEBOLTS ARE TO BE INSTALLED IN THE DIRECTION OF THE OVERHEAD CONDUCTORS.
8. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
9. LINE POST INSULATORS ARE TO BE FITTED WHERE LINE DEVIATION IS LESS THAN 90°.
10. TO MAINTAIN THE INTEGRITY OF A COVERED SYSTEM , IT IS ESSENTIAL THAT ALL STRIPPED AND PUNCTURED INSULATION IS CONTAINED WITHIN THE APPROPRIATE INSULATING COVER.
11. CCT CONDUCTOR INSULATION SHALL ONLY BE REMOVED BY THE USE OF AN APPROVED CCT CONDUCTOR STRIPPING TOOL.
12. SURGE ARRESTERS ARE TO BE INSTALLED ON AN OVERHEAD CCT CONDUCTOR SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF NS126. IF A SURGE ARRESTER IS TO BE INSTALLED ON THIS CONSTRUCTION, IT IS TO BE INSTALLED AS PER THE RELEVANT ARRANGEMENT SPECIFIED ON DRG : 177151.

17	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
16	COVER - PARALLEL GROOVE CLAMP		144576	3
15	CLAMP - PARALLEL GROOVE		144568	3
14	WIRE - TIE, PREFORMED, INSULATED, FOR CCT180		176312	3
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT120		144600	
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT80		144618	
13	INSULATOR - PIN POST, SHORT STUD		144584	3
12	BRACKET - INSULATOR, GALVANISED		144626	3
11	SCREW - COACH, M16x130mm, GALVANISED		50401	3
10	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		3
9	COVER - STRAIN CLAMP		144543	6
8	CLAMP - CONDUCTOR STRAIN, FOR CCT180		176313	6
	CLAMP - CONDUCTOR STRAIN, FOR CCT120		144527	
	CLAMP - CONDUCTOR STRAIN, FOR CCT80		144535	
7	INSULATOR - STRAIN ROD		144550	6
6	LINK - SAG, 70kN (PLP PART No. CTSLEW-070-1)		DIRECT PURCHASE	6
5	WASHER - FLAT, M20, GALVANISED	518081	177986	9
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	9
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	15
2	EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTES 5 & 7)	513653		6
1	POLE - TIMBER (AS REQUIRED)	513988		1
ITEM	DESCRIPTION	DRG No	STOCK CODE	QTY

ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE.

CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S DWN: PATRICIA RIOS CHKD: PHILLIP JONES DATE: 11/10/2019 M20 FLAT WASHER ADDED. NOTES & MATERIAL LIST AMENDED. APP'D by: GLENN FORD DWN: P.R. CHKD: P.J. APP'D: G.F.	3
	4
	DATE: 21/05/2024 PIN POST INSULATORS UPDATED.

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:20	STANDARD CONSTRUCTION 11kV VERTICAL TERMINATION CONSTRUCTION 2-140 CCT					
DESIGNED	BRUCE CLEMENTS						
DRAWN	PATRICIA RIOS						
CHECKED	BRUCE CLEMENTS						
APPROVED	G SKINNER						
DATE	02/8/03	PROJECT NUMBER	NET STD	SIZE	DRAWING No	SHEET	AMD
PROJTRAK NUMBER		A3	163265	01	4		