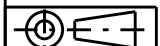


**NOTES :**

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 EYENUT AND EYENUT ASSEMBLY IS TO BE DETERMINED FROM DRG : 520331.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
8. TO MAINTAIN THE INTEGRITY OF A COVERED SYSTEM, IT IS ESSENTIAL THAT ALL STRIPPED AND PUNCTURED INSULATION IS CONTAINED WITHIN THE APPROPRIATE INSULATING COVER.
9. CCT CONDUCTOR INSULATION SHALL ONLY BE REMOVED BY THE USE OF AN APPROVED CCT CONDUCTOR STRIPPING TOOL.
10. ARRANGEMENT 1 OF THIS STRUCTURE IS DESIGNED FOR USE WHERE THE LINE DEVIATION ANGLE IS LESS THAN 10°. ARRANGEMENT 2 OF THIS STRUCTURE IS DESIGNED FOR USE WHERE THE LINE DEVIATION ANGLE IS BETWEEN 10° AND 30°.
11. 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.

ITEM	DESCRIPTION	DRG No	STOCK CODE	QTY
18	STEP - POLE, SCREW-IN (SEE NOTE 3)	250144	185198	A/R
17	COVER - PARALLEL GROOVE CLAMP		144576	3
16	CLAMP - PARALLEL GROOVE		144568	3
15	COVER - STRAIN CLAMP		144543	3
14	CLAMP - CONDUCTOR STRAIN, FOR CCT180		176313	3
	CLAMP - CONDUCTOR STRAIN, FOR CCT120		144527	
	CLAMP - CONDUCTOR STRAIN, FOR CCT80		144535	
13	INSULATOR - STRAIN ROD		144550	3
12	LINK - SAG, 70kN (PLP PART No. CTSLEW-070-1)		DIRECT PURCHASE	3
11	NUT - M20, HEX., GALVANISED	515466	175361	3
10	EYENUT - M20, GALVANISED (SEE NOTE 5)	513951	H38853	3
9	WIRE - TIE, PREFORMED, INSULATED, FOR CCT180		176312	3
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT120		144600	
	WIRE - TIE, PREFORMED, INSULATED, FOR CCT80		144618	
8	INSULATOR - PIN POST, SHORT STUD		144584	3
7	BRACKET - INSULATOR, GALVANISED (FOR ARR -2) (SEE NOTE 10)		144634	3
	BRACKET - INSULATOR, GALVANISED (FOR ARR -1) (SEE NOTE 10)		144626	
6	SCREW - COACH, M16x130mm, GALVANISED		50401	3
5	WASHER - FLAT, M20, GALVANISED	518081	177986	3
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	3
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	3
2	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		3
1	POLE - TIMBER (AS REQUIRED)	513988		1

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	APP'D by: STEPHEN CONNOR
	CHKD: PHIL JONES	DWN: PATRICIA RIOS
DATE: 04/09/2007 NOTE 4 AMENDED.	CHKD: PHILIP JONES	APP'D by: GLENN FORD
1	DATE: 16/12/2019 M20 WASHER ADDED. NOTES & MATERIAL LIST AMENDED.	2

NETWORK STANDARD  
  
 145 NEWCASTLE RD WALLSEND,  
 NSW 2287

SCALE	1:20	STANDARD CONSTRUCTION 11kV VERTICAL PIN POST WITH TEE OFF CONSTRUCTION 2-242 CCT								
DESIGNED	PHIL JONES									
DRAWN	PATRICIA RIOS									
CHECKED	PHIL JONES									
APPROVED	STEPHEN CONNOR									
DATE	05/12/06	PROJECT NUMBER	NET STD	SIZE	DRAWING No	175876	SHEET	01	AMD	2
PROJTRAK NUMBER	-									