



- 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. CONDUCTOR SIZE.
 - e. STAY REQUIREMENTS.
 - f. DEVIATION ANGLE.
 2. POLE STEPS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NS128.
 3. 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.
 4. ALL BOLTS AND INSULATOR PINS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
 5. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT IS TO BE DETERMINED FROM DRG: 520324.
 6. THE LOAD AND DEVIATION ALLOWABLE ON THE EYENUT AND EYENUT ASSEMBLY IS TO BE DETERMINED FROM DRG: 520331.
 7. LONGROD INSULATORS ARE TO BE USED UNDER NORMAL CONDITIONS.
 8. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
 9. EYEBOLTS ARE TO BE INSTALLED IN THE DIRECTION OF THE OVERHEAD CONDUCTORS.
 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. CCSX CONDUCTOR INSULATION SHALL ONLY BE REMOVED BY THE USE OF AN APPROVED CONDUCTOR STRIPPING TOOL.
 12. IPC'S ARE TO BE USED TO JOIN CONDUCTORS.
 13. SURGE ARRESTERS ARE TO BE INSTALLED ON AN OVERHEAD CCSX 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 COVERED CONDUCTOR ARRANGEMENT SPECIFIED IN DRG: 265905.
 14. COVERS TO BE INSTALLED OVER ALL TERMINATION WEDGE CLAMPS/COMPRESSION DEADENDS. COVER SHOWN REMOVED ON ONE PHASE TO SHOW DETAIL OF TERMINATION MATERIAL.
 15. A CCSX EARTHING POINT IS TO BE INSTALLED WHERE REQUIRED FOR OPERATIONAL PURPOSES OR AT LOCATIONS SPECIFIED IN NS126. THREE SETS OF EARTHING POINTS ARE REQUIRED ON THIS CONSTRUCTION. INSTALL AN EARTHING POINT ON EACH CONDUCTOR TERMINATION.
 16. REFER TO DESIGNER SAFETY REPORT D24/83704 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY
15	STEP - POLE, SCREW-IN (SEE NOTE 2)	250144	185198	A/R
14	EARTH - PARKING, DEVICE, IPC CC TO EPD (ENSTO REF. SLW26.A2) (SEE NOTE 15)		186865	9
13	JOINT - NON TENSION, IPC TO IPC (ENSTO REF. SLW26.A) (SEE NOTE 12)		186863	6
12	CAP - CONDUCTOR (ENSTO REF. CSEC1.2) (TO BE USED FOR CCSX159)		186887	9
	CAP - CONDUCTOR (ENSTO REF. CSEC1.1) (TO BE USED FOR CCSX25 & CCSX62)		186886	
11	COVER - TERMINATION (ENSTO REF. SP67.3) (TO BE USED FOR CCSX159) (SET OF 3) (SEE NOTE 14)		186871	3
	COVER - TERMINATION (ENSTO REF. SP63.3) (TO BE USED FOR CCSX62) (SET OF 3) (SEE NOTE 14)		186872	
10	CLAMP - TERMINATION, WEDGE (ENSTO REF. SO256.2S) (TO BE USED FOR CCSX159)		186867	9
	CLAMP - TERMINATION, WEDGE (ENSTO REF. SO255.2S) (TO BE USED FOR CCSX62)		186868	
	DEADEND - COMPRESSION (ENSTO REF. CDE 25) (INCLUDES COLD SHRINK COVER) (TO BE USED FOR CCSX25)		186870	
9	SHACKLE - BOW, 70kN, REF. 70/S, A.S. 1154.2		30890	9
8	INSULATOR - LONGROD, 11/22kV, POLYMERIC, 70kN (CLEVIS/TONGUE) (SEE NOTE 7)		150375	9
7	TONGUE - 'Y' CLEVIS, 70kN, A.S. 1154.2 (PLP PART No.: CTY-070-1)			9
6	EYENUT - M20, GALVANISED (SEE NOTE 6)	513951	H38853	3
5	WASHER - FLAT, M20, GALVANISED	518081	177986	6
4	WASHER - CONICAL, M20, GALVANISED	518082	H39655	6
3	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	12
2	EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTES 5, 6 & 9)	513653		6
1	POLE - TIMBER (AS REQUIRED)	513988		1

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

CAD DRAWING DO NOT MANUALLY AMEND AMENDMENTS DWN: P.R. CHKD: P.J. APPD: G.F. DATE: 09/05/2024 ITEM 14 ADDED. MATERIAL LIST & NOTES AMENDED.	11kV CCSX CONDUCTOR SURGE ARRESTER ARRANGEMENTS	265905	NETWORK STANDARD 145 NEWCASTLE RD WALLSEND, NSW 2287	SCALE	1:20	STANDARD CONSTRUCTION 11kV VERTICAL THROUGH TERMINATION WITH TEE OFF CONSTRUCTION 2-146CCSX	SIZE A2	DRAWING No 265894	SHEET 1	AMD 1
	20mm EYEBOLT & EYENUT ASSEMBLY LOADING & DEVIATION GRAPH	520331		DESIGNED	J.BROOKS					
	20mm EYEBOLT LOADING & DEVIATION GRAPH	520324		DRAWN	P.RIOS					
	ASSOCIATED DRAWINGS			CHECKED	P.JONES					
			APPROVED	G.FORD	PROJECT NUMBER	STD	PROJTRAK NUMBER	-		