



- NOTE:**
- THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS :
 - POLE LENGTH AND STRENGTH.
 - SPECIAL FOUNDATION REQUIREMENTS.
 - POLE EMBEDMENT DEPTH.
 - PHASE CONDUCTOR SIZE.
 - STAY REQUIREMENTS.
 - DEVIATION ANGLE.
 - ASSESSED EARTHING REQUIREMENTS.
 - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
 - LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
 - STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
 - ALL BOLTS THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
 - POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND WORKED AREA TO BE TREATED WITH APPROVED PRESERVATIVES.
 - A MINIMUM INSULATOR RADIAL SWING ANGLE MUST BE MAINTAINED TO ENSURE THE MINIMUM 66kV PHASE TO EARTH CLEARANCE OF 690mm IS OBSERVED.
 - THE LOAD AND DEVIATION ALLOWABLE ON AN EYEBOLT IS TO BE DETERMINED FROM DRG : 520324.
 - EYEBOLTS ARE TO BE INSTALLED TO BISECT THE ANGLE OF DEVIATION.
 - ONLY THE SINGLE PHASE CONDUCTOR OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
 - THE CONDUCTOR HEIGHT ABOVE GROUND IS TO BE CALCULATED WITH THE INSULATOR SWING ANGLE AT A MINIMUM CLEARANCE TO THE POLE.
 - POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOT BE MAINTAINED FOR THE LIFE OF THE POLE. IF POLE STEPS ARE INSTALLED, THEY ARE TO COMPLY WITH THE REQUIREMENTS OF NETWORK STANDARD NS128.
 - REFER TO DESIGNER SAFETY REPORT D20/312254 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

5	STEP - POLE, SCREW-IN (SEE NOTE 12)	250144	A/R
4	INSULATOR - LONGROD, 66kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -1 (SEE NOTES 3 & 10)	244700	3
	INSULATOR - LONGROD, 66kV, POLYMERIC STRING, ARRANGEMENT -1 (SEE NOTES 3 & 10)	166231	
3	EYEBOLT - POLE MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTES 8 & 9)	514146	3
2	FOOTING - TIMBER POLE, ARRANGEMENT (SEE NOTE 1)	508726	1
1	POLE - TIMBER (AS REQUIRED)	513988	1
ITEM	DESCRIPTION	DRG. No	QTY

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

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS
DWN: PATRICIA RIOS
CHKD: PHILLIP JONES
DATE: 12/08/2020
DRAWING NUMBER
UPDATED, STOCK CODES
REMOVED, DISCS CHANGED
TO LONGRODS. MATERIAL LIST
& NOTES AMENDED.
APPD by: GLENN FORD

20mm EYEBOLT LOADING & DEVIATION GRAPH	520324
ASSOCIATED DRAWINGS	

NETWORK STANDARD
Ausgrid
145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:25	STANDARD CONSTRUCTION			
DESIGNED	-	66kV FLYING ANGLE CONSTRUCTION			
DRAWN	PETER SAUNDERS	5-160			
CHECKED	R.M				
APPROVED	D.GRIFFITHS				
DATE	27/03/91				
PROJECT NUMBER	STD				
PROJTRAK NUMBER	-	SIZE	DRAWING No	SHEET	AMD
		A2	514079	01	5