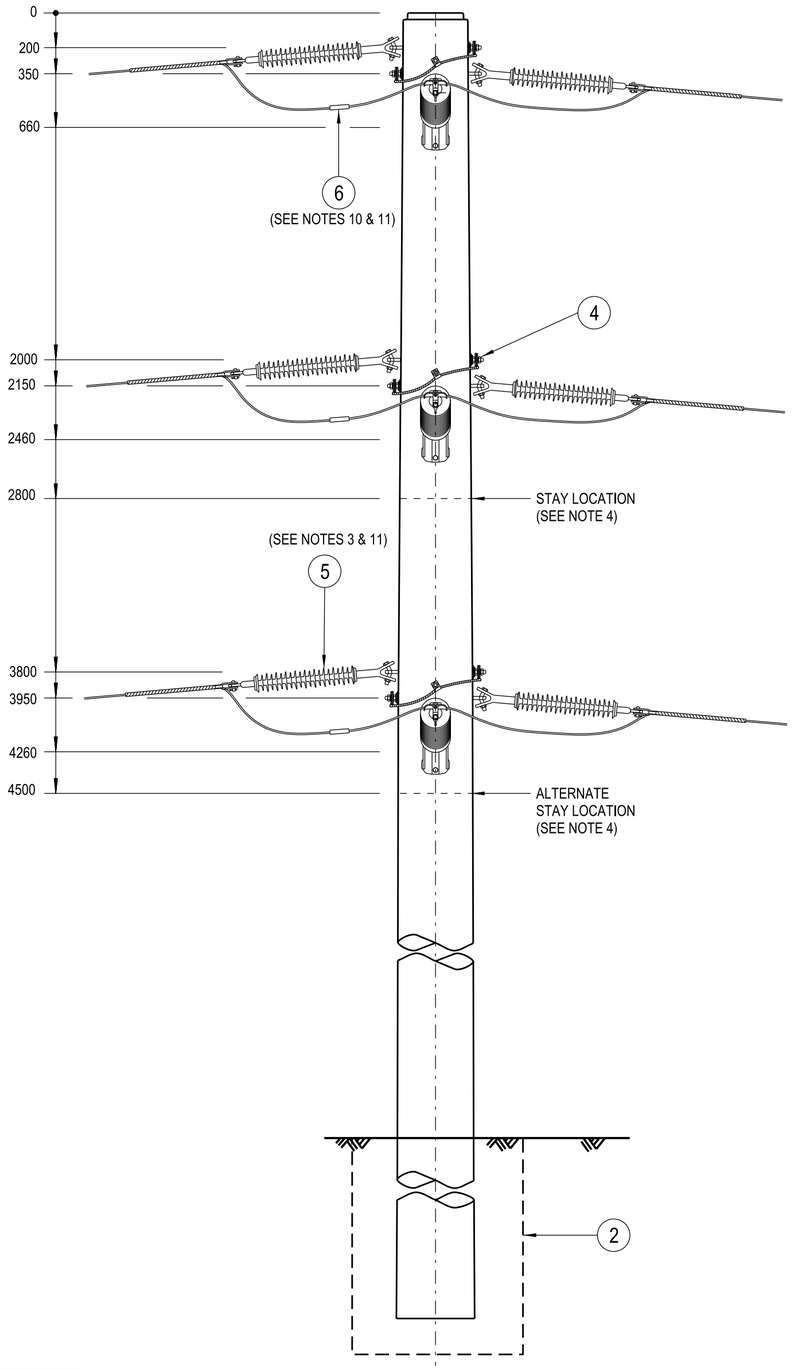

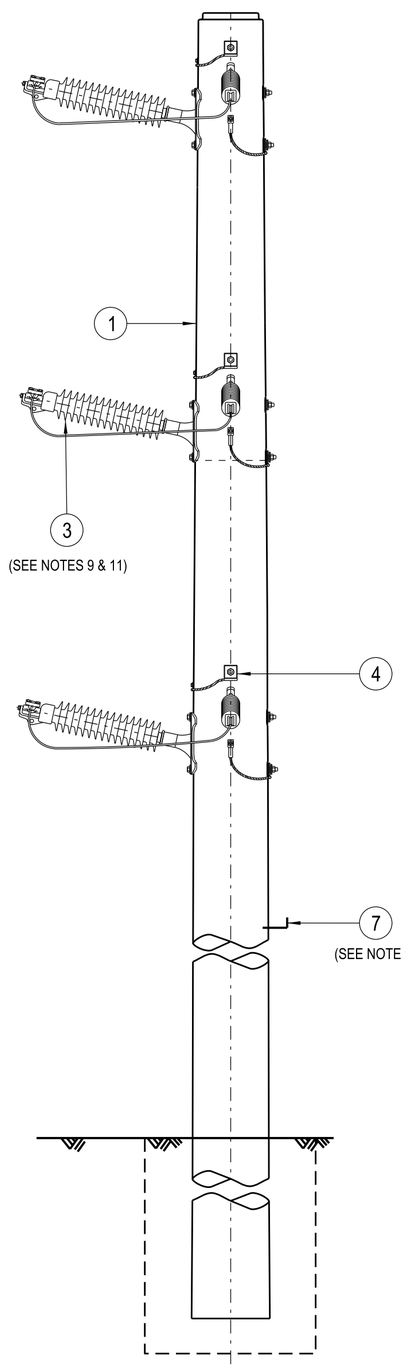

NOTES :

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. LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
4. STAYS TO BE INSTALLED SO THAT THE STAY WIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
5. ALL BOLTS AND EYEBOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. THE LOAD AND DEVIATION ALLOWABLE ON THE EYEBOLT IS TO BE DETERMINED FROM DRG : 520324.
8. EYEBOLTS ARE TO BE INSTALLED IN THE DIRECTION OF THE OVERHEAD CONDUCTORS.
9. LINE POST INSULATORS ARE TO BE FITTED WHERE LINE DEVIATION IS LESS THAN 90°.
10. NON TENSION COMPRESSION JOINTS TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
11. ONLY THE SINGLE PHASE CONDUCTOR OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
12. 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.
13. REFER TO DESIGNER SAFETY REPORT D20/311520 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

ITEM	DESCRIPTION	DRG. No	QTY
7	STEP - POLE, SCREW-IN (SEE NOTE 12)	250144	A/R
6	JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTOR) (SEE NOTES 10 & 11)	514053	6
	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 10 & 11)	514053	3
5	INSULATOR - LONGROD, 66kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 3 & 11)	244700	6
	INSULATOR - LONGROD, 66kV, POLYMERIC STRING, ARRANGEMENT -2 (SEE NOTES 3 & 11)	166231	
4	EYEBOLT - POLE MOUNTING & BONDING, ARRANGEMENT -3	514146	3
3	INSULATOR - HORIZONTAL LINE POST, 66kV, DUAL CONDUCTOR, MOUNTING & BONDING, ARRANGEMENT -1 (SEE NOTES 9 & 11)	244699	3
	INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -1 (SEE NOTES 9 & 11)	514161	
2	FOOTING - TIMBER POLE, ARRANGEMENT (SEE NOTE 1)	508726	1
1	POLE - TIMBER (AS REQUIRED)	513988	1

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

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

D — DWN: P.S. CHKED: R.M. — DATE: 8-2-91 — REDRAWS ON CAD. ITEM 8 ADDED. DETAIL 'A' REMOVED. — AUTH'D by: D.GRIFFITHS

F — DWN: P.S. CHKED: R.M. — DATE: 27-3-91 — EYEBOLT BONDING ADDED. — AUTH'D by: D.GRIFFITHS

7 — DWN: PATRICIA RIOS — CHKED: PHILLIP JONES — DATE: 16/07/2020 — DRAWING NUMBER UPDATED. STOCK CODES REMOVED. DISCS CHANGED TO LONGRODS. — APP'D by: GLENN FORD

20mm EYEBOLT LOADING & DEVIATION GRAPH	520324

ASSOCIATED DRAWINGS

NETWORK STANDARD
Ausgrid

145 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	1:25
DESIGNED	-
DRAWN	PETER SAUNDERS
CHECKED	P.A.S
APPROVED	D.GRIFFITHS
DATE	28/05/91
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION
66kV VERTICAL TERMINATION CONSTRUCTION
5-140

SIZE A2 | DRAWING No 514077 | SHEET 01 | AMD 7

20110901