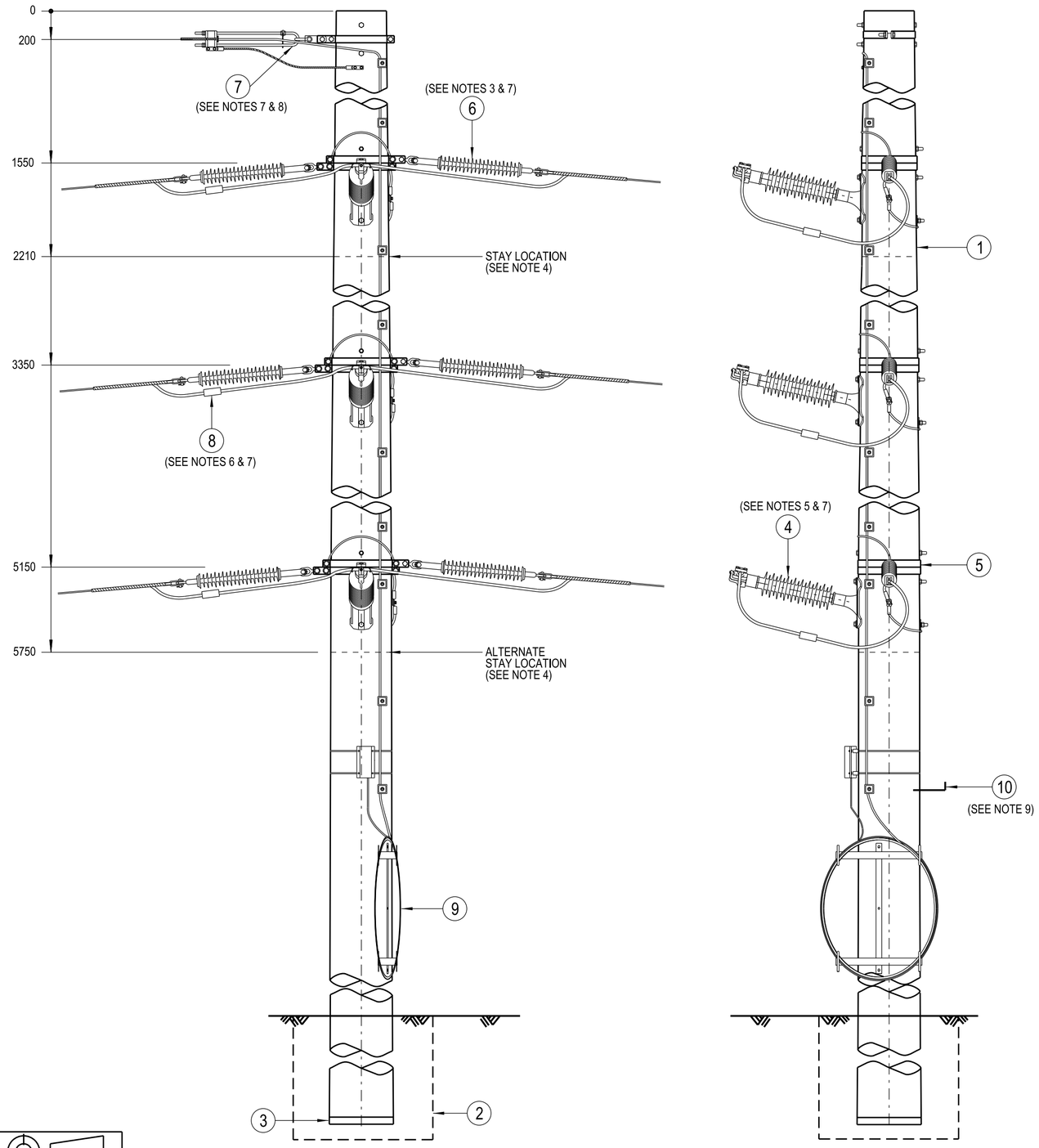

NOTES :

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 AND OVERHEAD EARTHWIRE 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. LINE POST INSULATORS ARE TO BE FITTED WHERE LINE DEVIATION IS LESS THAN 90°.
6. NON TENSION COMPRESSION JOINTS TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
7. ONLY THE SINGLE PHASE CONDUCTOR WITH SINGLE ENDED OPGW TERMINATION OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
8. USE THE OPGW SINGLE ENDED SPLICE BOX TERMINATION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
9. 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.
10. REFER TO DESIGNER SAFETY REPORT D20/315438 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

ITEM	DESCRIPTION	DRG. No	QTY
10	STEP - POLE (SEE NOTE 9)	514084	A/R
9	OPGW - SPLICE BOX & COILED CABLE BRACKET, CONDUCTOR, MOUNTING ARRANGEMENT (USE WITH OPGW OHEW OPTION ONLY)	565743	1
8	JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTOR) (SEE NOTES 6 & 7)	514053	6
	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 6 & 7)	514053	3
7	EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -2B (SEE NOTES 7 & 8)	519450	1
	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2B (SEE NOTES 7 & 8)	565747	
6	INSULATOR - LONGROD, 66kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 3 & 7)	244700	6
	INSULATOR - LONGROD, 66kV, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 3 & 7)	166231	
5	BAND - POLE, MOUNTING AND BONDING, ARRANGEMENT -2	514158	3
4	INSULATOR - HORIZONTAL LINE POST, 66kV, DUAL CONDUCTOR, MOUNTING & BONDING, ARRANGEMENT -3 (SEE NOTES 5 & 7)	244699	3
	INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -2a (SEE NOTES 5 & 7)	514161	
3	EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT	520209	1
2	FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)	512331	1
1	POLE - CONCRETE (AS REQUIRED)		1

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

CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

D. REDRAWN ON CAD. E. DATE: 19-4-91 STAY AT 5810 DELETED.

F. 28-5-91 ITEM 6 DRG NUMBER CHANGED. P.S.

G DWN: P.S. CHKED: DATE: 18-5-95 MATERIAL LIST NUMERICAL LISTING CHANGED. ITEM 2 CHANGED TO BUTT PLATE EARTHING.

AUTH'D by: P. SUMNER

DWN: PATRICIA RIOS

CHKED: PHILLIP JONES

8 DATE: 11/08/2020 DRAWING NUMBER UPDATED. STOCK CODES REMOVED. DISCS CHANGEDTO LONGRODS. NOTES & MATERIAL LIST AMENDED.

APP'D by: GLENN FORD

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 WITH SINGLE ENDED OVERHEAD EARTHWIRE TERMINATION 5-145C/E

SIZE	DRAWING No	SHEET	AMD
A2	514074	01	8

20110901