



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. NON-TENSION COMPRESSION JOINTS TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
5. LINE POST INSULATORS ARE TO BE FITTED WHERE LINE DEVIATION IS LESS THAN 90°.
6. ONLY THE SINGLE PHASE CONDUCTOR WITH OPGW THROUGH TERMINATION OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
7. USE THE OPGW THROUGH TERMINATION ARRANGEMENT WHEN ERECTING AN UNBROKEN OPGW OVERHEAD EARTHWIRE. USE THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT WHEN BREAKING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE TERMINATION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
8. WHEN USING THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT, REFER TO DRAWING 565743 FOR SPLICE BOX AND COILED CABLE BRACKET MOUNTING DETAILS.
9. STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
10. POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOT BE MAINTAINED FOR THE LIFE OF THE POLE.

9	STEP - POLE (SEE NOTE 10)	514084	A/R
8	JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTOR) (SEE NOTES 4 & 6)	514053	6
	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 4 & 6)	514053	3
7	EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -2A (SEE NOTES 6 & 7)	519450	
	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 6, 7 & 8)	565747	1
	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 6 & 7)	565747	
6	INSULATOR - LONGROD, 66kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 3 & 6)	244700	6
	INSULATOR - LONGROD, 66kV, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 3 & 6)	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 & 6)	244699	3
	INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -2a (SEE NOTES 5 & 6)	514161	
3	FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)	512331	1
2	EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT	520209	1
1	POLE - CONCRETE (AS REQUIRED)		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: 15/08/2018
AUSGRID BORDER APPLIED.
NOTES & MATERIAL LIST
UPDATED. OPGW
ARRANGEMENT SHOWN.
DUAL CONDUCTOR OPTION
ADDED.
APPD by: GLENN FORD



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 OVERHEAD EARTHWIRE	
5-140 C/E	
SIZE	A2
DRAWING No	514075
SHEET	01
AMD	14

OPGW CONDUCTOR SPLICE BOX & COILED CABLE BRACKET MTG ARRANGEMENT	565743
ASSOCIATED DRAWINGS	