



NOTES :

- THE FOLLOWING INFORMATION IS OBTAINED FROM THE PROJECT DESIGN DRAWINGS :
 - POLE LENGTH AND STRENGTH.
 - SPECIAL FOUNDATION REQUIREMENTS.
 - POLE EMBEDMENT DEPTH.
 - PHASE CONDUCTOR AND OVERHEAD EARTHWIRE SIZE.
 - STAY REQUIREMENTS.
 - DEVIATION ANGLE.
 - ASSESSED EARTHING REQUIREMENTS.
- THIS STRUCTURE IS USED FOR LINE DEVIATION ANGLES UP TO 100°.
- THE STRUCTURE SHALL BE ERECTED SO THAT THE POLES ARE VERTICAL, THE TOPS OF POLES ARE LEVEL AND THE CROSSARM IS HORIZONTAL.
- THE PHASE CONDUCTOR TAPPING SAG IS TO BE A MINIMUM OF 1300mm AND A MAXIMUM OF 1600mm.
- LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
- NON-TENSION COMPRESSION JOINTS TO BE USED WHEN REQUIRED TO JOIN CONDUCTORS.
- STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
- ONLY THE OPGW THROUGH TERMINATION OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
- 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.
- WHEN USING THE OPGW THROUGH SPLICE BOX TERMINATION ARRANGEMENT, REFER TO DRG : 565743 FOR SPLICE BOX AND COILED CABLE BRACKET MOUNTING DETAILS.
- 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 11)	514084	A/R
8	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTE 6)	514053	3
7	EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -2A (SEE NOTES 8 & 9)	519450	2
	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 8, 9 & 10)	565747	
	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 8 & 9)	565747	
6	INSULATOR - LONGROD, 132kV, POLYMERIC STRING, ARRANGEMENT - 5 (SEE NOTE 5)	520314	6
5	STRAP - CROSSARM SUPPORT, OVERHEAD, INSTALLATION, ARRANGEMENT -2	520269	2
4	CROSSARM - 132kV, TENSION ASSEMBLY, TYPE CA	507789	1
3	FOOTING - STEEL POLE, CONCRETE, ARRANGEMENT (SEE NOTE 1)	512331	2
2	EARTHING - CONCRETE/STEEL, MULTIPLE POLE, BUTT, ARRANGEMENT	520210	1
1	POLE - STEEL (AS REQUIRED)		2

ITEM	DESCRIPTION		DRG.No.	QTY	
SCALE	1:25	STANDARD CONSTRUCTION 132kV 'H' POLE TERMINATION CONSTRUCTION WITH TWIN OVERHEAD EARTHWIRE SP - CA			
DESIGNED	PHILLIP JONES				
DRAWN	PATRICIA RIOS				
CHECKED	PHILLIP JONES				
APPROVED	DOMINIC SHIELDS				
DATE	06/03/18				
PROJECT NUMBER	STD				
PROJTRAK NUMBER	-	SIZE A2	DRAWING No 236259	SHEET 01	AMD 0

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

NETWORK STANDARD

Ausgrid

145 NEWCASTLE RD WALLSEND,
NSW 2287

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS