



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 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 CONDUCTOR) (SEE NOTE 4)	514053	3
7	EARTHWIRE - TERMINATION, OVERHEAD, MOUNTING, ARRANGEMENT -2A (SEE NOTES 6 & 7)	519450	1
	OPGW - TERMINATION, CONDUCTOR, MOUNTING, ARRANGEMENT -2C (SEE NOTES 6, 7 & 8)	565747	
6	INSULATOR - LONGROD, 132kV, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTE 3)	520314	6
	BAND - POLE, MOUNTING AND BONDING, ARRANGEMENT -2	514158	
4	INSULATOR - HORIZONTAL LINE POST, 132kV, MOUNTING & BONDING, ARRANGEMENT -2a	514161	3
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

F

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS

DWN: PATRICIA RIOS
CHKD: PHILLIP JONES
DATE: 01/05/2017
ITEM 4 DESCRIPTION
AMENDED.

APPD by: GLENN FORD

20110909

ASSOCIATED DRAWINGS	

NETWORK STANDARD

145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	I.NICHOLS	STANDARD CONSTRUCTION 132kV VERTICAL TERMINATION CONSTRUCTION WITH OVERHEAD EARTHWIRE 6-220 C/E	SIZE A2	DRAWING No 514121	SHEETS 01 of 1	AMD. 8
DRAWN	P.S.					
CHECKED	P.A.S.					
AUTHORISED	I.NICHOLS					
DATE	29/07/94					
SCALE	1:25					
MAP REF.	-	PROJECT No.	STD			
LGA	-	PROJTRAK No.	-			