



- NOTE:**
- 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.
  - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
  - STAYS TO BE INSTALLED SO THAT THE STAY WIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
  - ONLY THE OPGW OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
  - USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE.  
USE THE STANDARD EARTHWIRE SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
  - 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.
  - REFER TO DESIGNER SAFETY REPORT D20/336033 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

6	STEP - POLE, (SEE NOTE 6)	514084	A/R
5	EARTHWIRE - SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT -1a (SEE NOTES 4 & 5)	514157	1
	OPGW - SUSPENSION, CONDUCTOR, MOUNTING, ARRANGEMENT -1a (SEE NOTES 4 & 5)	565744	
4	INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -3a	514161	3
3	EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT	520209	1
2	FOOTING - STEEL POLE, ARRANGEMENT (SEE NOTE 1)	178123	1
1	POLE - STEEL (AS REQUIRED)		1
ITEM	DESCRIPTION	DRG. No	QTY

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

CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S	DWN: PATRICIA RIOS CHKD: GLENN FORD	APPD by: GLENN FORD
1 DATE: 22/04/2013 DRAWING BORDER UPDATED.	DWN: PATRICIA RIOS CHKD: PHILLIP JONES	APPD by: GLENN FORD
2 DATE: 08/09/2020 OHEW & INSULATORS UPDATED, NOTES & MATERIAL LIST AMENDED.		

NETWORK STANDARD  
  
 145 NEWCASTLE RD WALLSEND,  
 NSW 2287

SCALE	1:25	STANDARD CONSTRUCTION			
DESIGNED	PHIL JONES	66kV VERTICAL DELTA			
DRAWN	PATRICIA RIOS	HORIZONTAL LINE POST CONSTRUCTION			
CHECKED	PHIL JONES	WITH OVERHEAD EARTHWIRE			
APPROVED	STEPHEN CONNOR	5-200 S/E			
DATE	12/10/06	SIZE	DRAWING No	SHEET	AMD
PROJECT NUMBER	STD	A2	178000	01	2
PROJTRAK NUMBER	-				

ASSOCIATED DRAWINGS