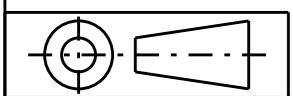


NOTES :

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. STAYS TO BE INSTALLED SO THAT THE STAYWIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
4. THE OVERHEAD EARTH WIRE DOWN LEAD IS TO BE FIXED TO THE POLE SO AS TO GIVE THE MAXIMUM CLEARANCE TO THE NEAREST PHASE CONDUCTOR.
5. ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
6. POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
7. THE EARTHING DOWN LEAD IS TO BE FIXED TO THE POLE WITH STAPLES AT INTERVALS NOT GREATER THAN 450mm. ONLY SUFFICIENT INSULATION IS TO BE REMOVED FROM THE DOWN LEAD TO MAKE AN EFFECTIVE CONNECTION TO THE POLE HARDWARE.
8. ONLY THE OPGW OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
9. USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
10. 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 NS135.

7	STEP - POLE (SEE NOTE 10)	517698	A/R
6	EARTHWIRE - OVERHEAD, DOWN LEAD, POLE HARDWARE MOUNTING & BONDING, ARRANGEMENT -4	514145	3
5	EARTHWIRE - SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT -1b (SEE NOTES 8 & 9)	514157	1
	OPGW - SUSPENSION, CONDUCTOR, MOUNTING, ARRANGEMENT -1b (SEE NOTES 8 & 9)	565744	
4	INSULATOR - HORIZONTAL LINE POST, 132kV, MOUNTING & BONDING ARRANGEMENT -1a	514161	3
3	FOOTING - TIMBER POLE, ARRANGEMENT (SEE NOTE 1)	508726	1
2	EARTHING - ARRANGEMENT, TIMBER POLE STRUCTURE, TYPE SE-M5	508786	1
1	POLE - TIMBER (AS REQUIRED)	513988	1

ITEM	DESCRIPTION	DRG. No	QTY
SCALE	1:25	STANDARD CONSTRUCTION	
DESIGNED	-	132kV VERTICAL DELTA	
DRAWN	P.S.	HORIZONTAL LINE POST CONSTRUCTION	
CHECKED	P.A.S.	WITH OVERHEAD EARTHWIRE	
APPROVED	I.NICHOLS	6-200E	
DATE	29/07/94	SIZE	DRAWING No
PROJECT NUMBER	STD	A2	514195
PROJTRAK NUMBER		SHEET	01
		AMD	2



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: PHILLIP JONES	DATE: 08/11/2017 DRAWING NUMBER UPDATED. DRAWING BORDER UPDATED. NOTES & MATERIAL LIST AMENDED. INSULATORS CHANGED TO POLYMERIC. OHEW CHANGED TO OPGW ARRANGEMENT.	APPD by: DOMINIC SHIELDS
	DWN: PATRICIA RIOS CHKD: PHILLIP JONES	DATE: 07/02/2018 OHEW ARRANGEMENT MODIFIED. INSULATOR BONDING ARRANGEMENT MODIFIED.	APPD by: DOMINIC SHIELDS

NO	DESCRIPTION	NO	DESCRIPTION
1		3	
2		4	

NETWORK STANDARD

 145 NEWCASTLE RD WALLSEND,
 NSW 2287