



- 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.
 - THE MAXIMUM LINE DEVIATION ANGLE TO BE CONSTRUCTED ON THIS ARRANGEMENT IS TO BE DETERMINED BY THE LINE DESIGNER.
 - LONGROD INSULATORS TO BE USED UNDER NORMAL CONDITIONS.
 - STAYS TO BE INSTALLED SO THAT THE STAY WIRE CLEARANCE FROM THE PHASE CONDUCTORS COMPLIES WITH THE STATUTORY REQUIREMENTS.
 - NON TENSION COMPRESSION JOINTS TO BE USED WHEN REQUIRED TO JOIN THROUGH CONDUCTORS.
 - ONLY THE SINGLE PHASE CONDUCTOR WITH OPGW THROUGH TERMINATION AND OPGW TEE OFF TERMINATION OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
 - USE THE OPGW THROUGH TEE OFF TERMINATION ARRANGEMENT WHEN ERECTING AN UNBROKEN AND A BROKEN OPGW OVERHEAD EARTHWIRE. USE THE OPGW TEE OFF SPLICE BOX TERMINATION ARRANGEMENT WHEN BREAKING ALL OPGW OVERHEAD EARTHWIRES. USE THE STANDARD EARTHWIRE TEE OFF TERMINATION ARRANGEMENT WHEN ERECTING NON OPGW OVERHEAD EARTHWIRES.
 - 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 D20/320476 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

ITEM	DESCRIPTION	DRG. No	QTY
11	STEP - POLE (SEE NOTE 8)	514084	A/R
10	OPGW - SPLICE BOX & COILED CABLE BRACKET, CONDUCTOR, MOUNTING ARRANGEMENT (USE WITH OPGW OHEW OPTIONS ONLY)	565743	1
9	CLAMP - PARALLEL GROOVE, 3 BOLT (TO SUIT DUAL CONDUCTOR) (SEE NOTE 6)	514099	6
	CLAMP - PARALLEL GROOVE, 3 BOLT (TO SUIT CONDUCTOR) (SEE NOTE 6)	514099	3
8	JOINT - COMPRESSION, NON TENSION (TO SUIT DUAL CONDUCTOR) (SEE NOTES 5 & 6)	514053	6
	JOINT - COMPRESSION, NON TENSION (TO SUIT CONDUCTOR) (SEE NOTES 5 & 6)	514053	3
7	EARTHWIRE - TERMINATION, TEE OFF, OVERHEAD, MOUNTING, ARRANGEMENT -2 (SEE NOTES 6 & 7)	514147	
	OPGW - TERMINATION, TEE OFF, CONDUCTOR, MOUNTING, ARRANGEMENT -2B (SEE NOTES 6 & 7)	251960	1
	OPGW - TERMINATION, TEE OFF, CONDUCTOR, MOUNTING, ARRANGEMENT -2A (SEE NOTES 6 & 7)	251960	
6	BAND - POLE, MOUNTING AND BONDING, ARRANGEMENT -3	514158	3
5	INSULATOR - LONGROD, 66kV, DUAL CONDUCTOR, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 3 & 6)	244700	9
	INSULATOR - LONGROD, 66kV, POLYMERIC STRING, ARRANGEMENT -3 (SEE NOTES 3 & 6)	166231	
4	INSULATOR - HORIZONTAL LINE POST, 66kV, DUAL CONDUCTOR, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTE 6)	244699	3
	INSULATOR - HORIZONTAL LINE POST, 66kV, MOUNTING & BONDING, ARRANGEMENT -2 (SEE NOTE 6)	514161	
3	EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT	520209	1
2	FOOTING - CONCRETE POLE, ARRANGEMENT (SEE NOTE 1)	512331	1
1	POLE - CONCRETE (AS REQUIRED)		1

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

F	CAD DRAWING DO NOT MANUALLY AMEND A M E N D M E N T S	3	DWN: PATRICIA RIOS CHKD: PHILLIP JONES DATE: 16/12/2019 AUSGRID BORDER APPLIED. NOTES & MATERIAL LIST UPDATED. OPGW ARRANGEMENT SHOWN. DUAL CONDUCTOR OPTION ADDED.	APPD by: GLENN FORD	4	DWN: PATRICIA RIOS CHKD: PHILLIP JONES DATE: 13/08/2020 NOTES & MATERIAL LIST UPDATED.	APPD by: GLENN FORD	5	NETWORK STANDARD Ausgrid 145 NEWCASTLE RD WALLSEND, NSW 2287	SCALE DESIGNED 1:25 DRAWN - CHECKED PETER SAUNDERS APPROVED R.M. DATE G SKINNER 16/01/91	STANDARD CONSTRUCTION 66kV VERTICAL TEE OFF TERMINATION CONSTRUCTION WITH OVERHEAD EARTHWIRE 5-146C/E	PROJECT NUMBER STD	PROJTRAK NUMBER -	SIZE	DRAWING No	SHEET	AMD
	A2													514141	01	4	
ASSOCIATED DRAWINGS																	