



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. ONLY THE OPGW TWIN OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
5. USE THE OPGW TWIN SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE. USE THE STANDARD EARTHWIRE TWIN SUSPENSION ARRANGEMENT WHEN ERECTING A NON OPGW OVERHEAD EARTHWIRE.
6. POLE STEPS SHOULD ONLY BE INSTALLED ON POLES WHERE ACCESS FOR NORMAL MAINTENANCE VEHICLES CANNOT BE MAINTAINED FOR THE LIFE OF THE POLE.

6	STEP - POLE (SEE NOTE 6)	514084	A/R
5	EARTHWIRE - TWIN, SUSPENSION, OVERHEAD, MOUNTING, ARRANGEMENT -A (SEE NOTES 4 & 5)	514188	1
	OPGW - TWIN, SUSPENSION, CONDUCTOR, MOUNTING, ARRANGEMENT -A (SEE NOTES 4 & 5)	241166	
4	INSULATOR - HORIZONTAL LINE POST, 132kV, MOUNTING & BONDING, ARRANGEMENT -3a	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
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ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS
A. INITIAL ISSUE
DWN: P.S. CHKED: P.A.S.
DWN: GARY HUGHES
CHKED: PHILLIP JONES
2 DATE: 28/07/2016
AUSGRID BORDER APPLIED.
MATERIAL LIST & NOTES
AMENDED.
APP'D by: DOMINIC SHIELDS

ASSOCIATED DRAWINGS	

NETWORK STANDARD
Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287

DESIGNED	-	STANDARD CONSTRUCTION 132kV VERTICAL DELTA HORIZONTAL LINE POST CONSTRUCTION WITH DUAL OVERHEAD EARTHWIRE 6-200 C/TE	SIZE	A2	DRAWING No 520228	SHEETS	01 of 01	AMD	2
DRAWN	P.S.								
CHECKED	P.A.S.								
AUTHORISED	I.NICHOLS								
DATE	19/08/94								
SCALE	1:25								
MAP REF.	-								
LGA	-								
PROJECT No.	STD								
PROJTRAK No.	-								