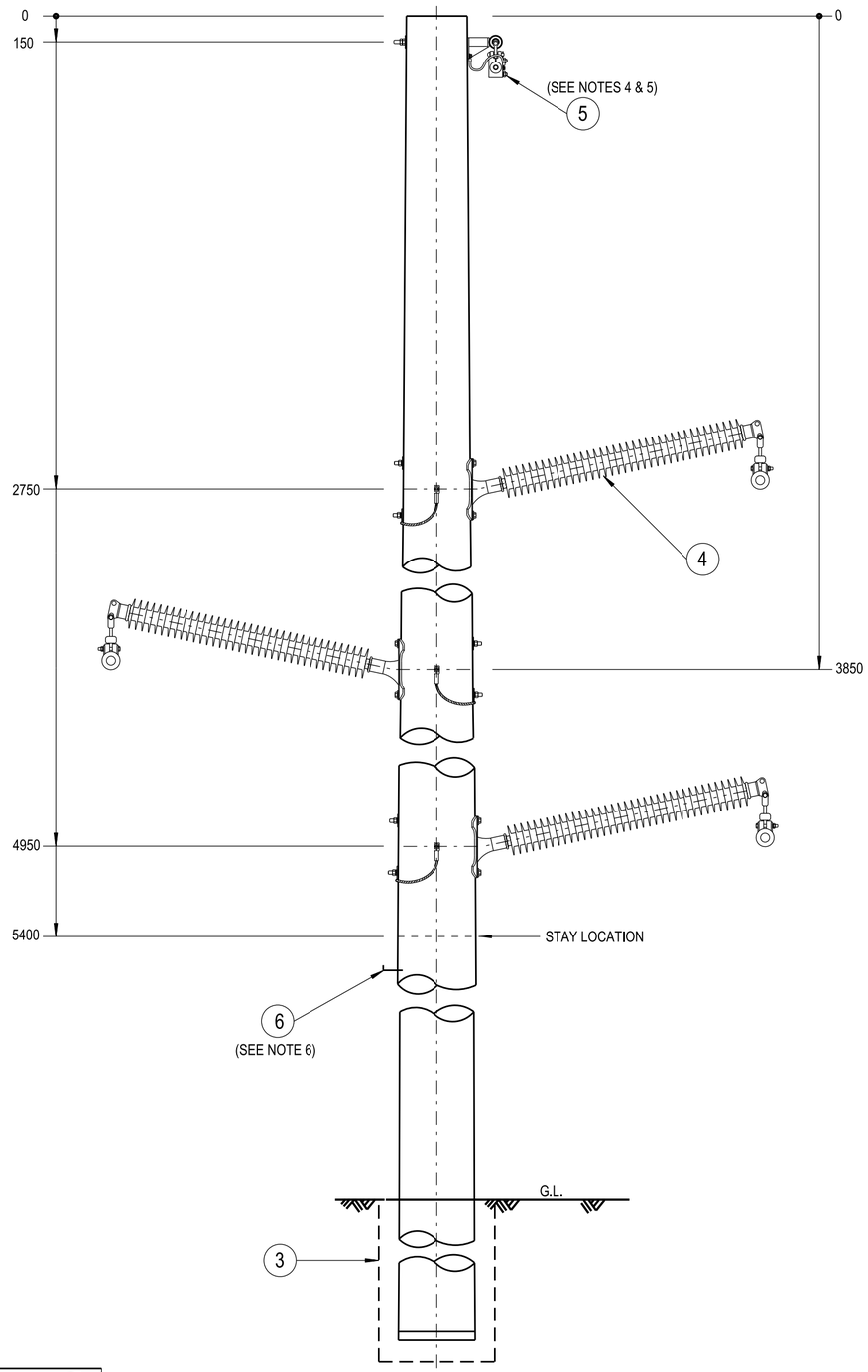

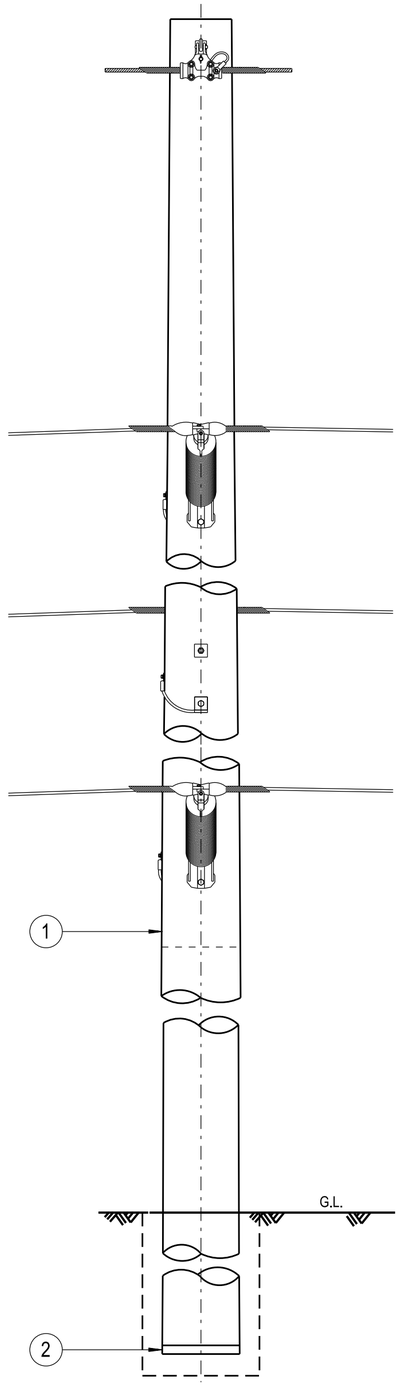

NOTES :

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 OVERHEAD EARTHWIRE OPTION IS SHOWN ON THIS CONSTRUCTION DRAWING.
5. USE THE OPGW SUSPENSION ARRANGEMENT WHEN ERECTING AN OPGW OVERHEAD EARTHWIRE.
   USE THE STANDARD EARTHWIRE 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.

ITEM	DESCRIPTION	DRG.No.	QTY
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, 132kV, MOUNTING & BONDING, ARRANGEMENT -3b	514161	3
3	FOOTING - STEEL POLE, CONCRETE, ARRANGEMENT (SEE NOTE 1)	178123	1
2	EARTHING - CONCRETE/STEEL, SINGLE POLE, BUTT, ARRANGEMENT	520209	1
1	POLE - STEEL (AS REQUIRED)		1

ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE

CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

1 DWN: PATRICIA RIOS | CHKED: PHILLIP JONES | DATE: 06/02/2018 | OHEW CONNECTION MODIFIED. | APP'D by: DOMINIC SHIELDS

ASSOCIATED DRAWINGS

NETWORK STANDARD
Ausgrid

145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:25
DESIGNED	PHILLIP JONES
DRAWN	PATRICIA RIOS
CHECKED	PHILLIP JONES
APPROVED	DOMINIC SHIELDS
DATE	07/06/16
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION
132kV VERTICAL DELTA HORIZONTAL LINE POST SUSPENSION CONSTRUCTION WITH OVERHEAD EARTHWIRE
6-230 S/E

SIZE A2 | DRAWING No 236246 | SHEET 01 | AMD 1

20110901

©