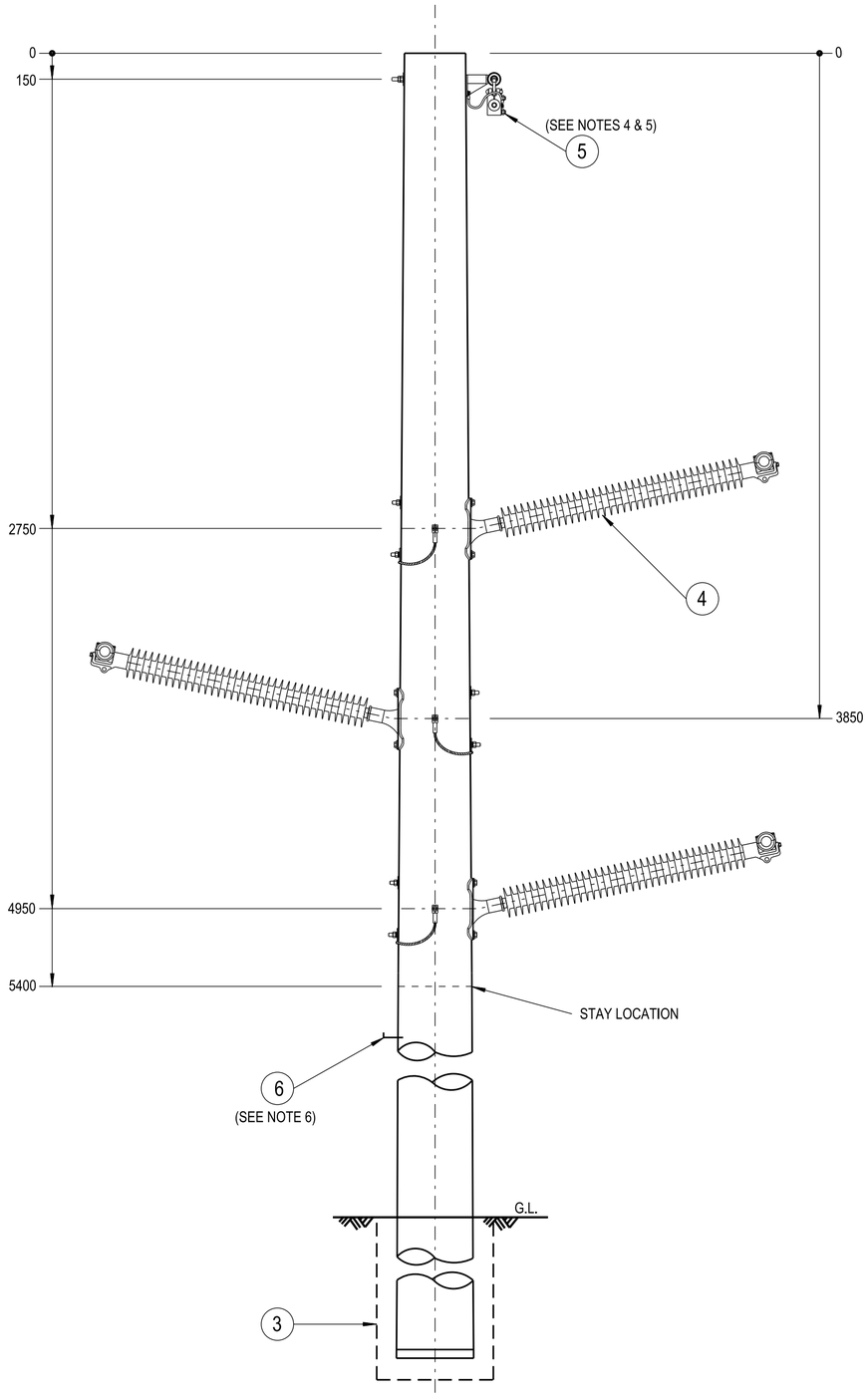

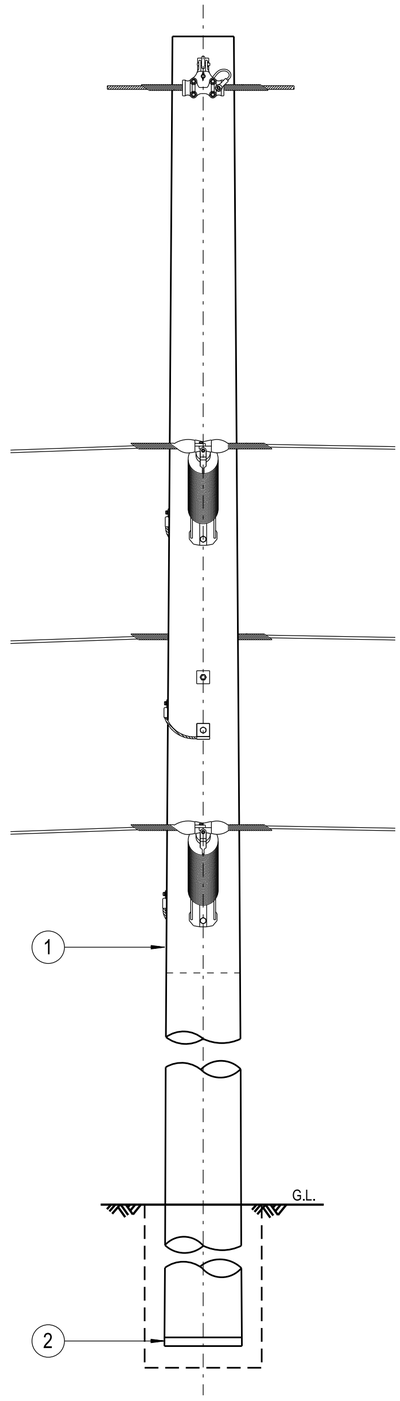

NOTES :

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 -3a	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	08/06/16
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION
132kV VERTICAL DELTA
HORIZONTAL LINE POST CONSTRUCTION
WITH OVERHEAD EARTHWIRE
6-200 S/E

SIZE	DRAWING No	SHEET	AMD
A2	236244	01	1

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