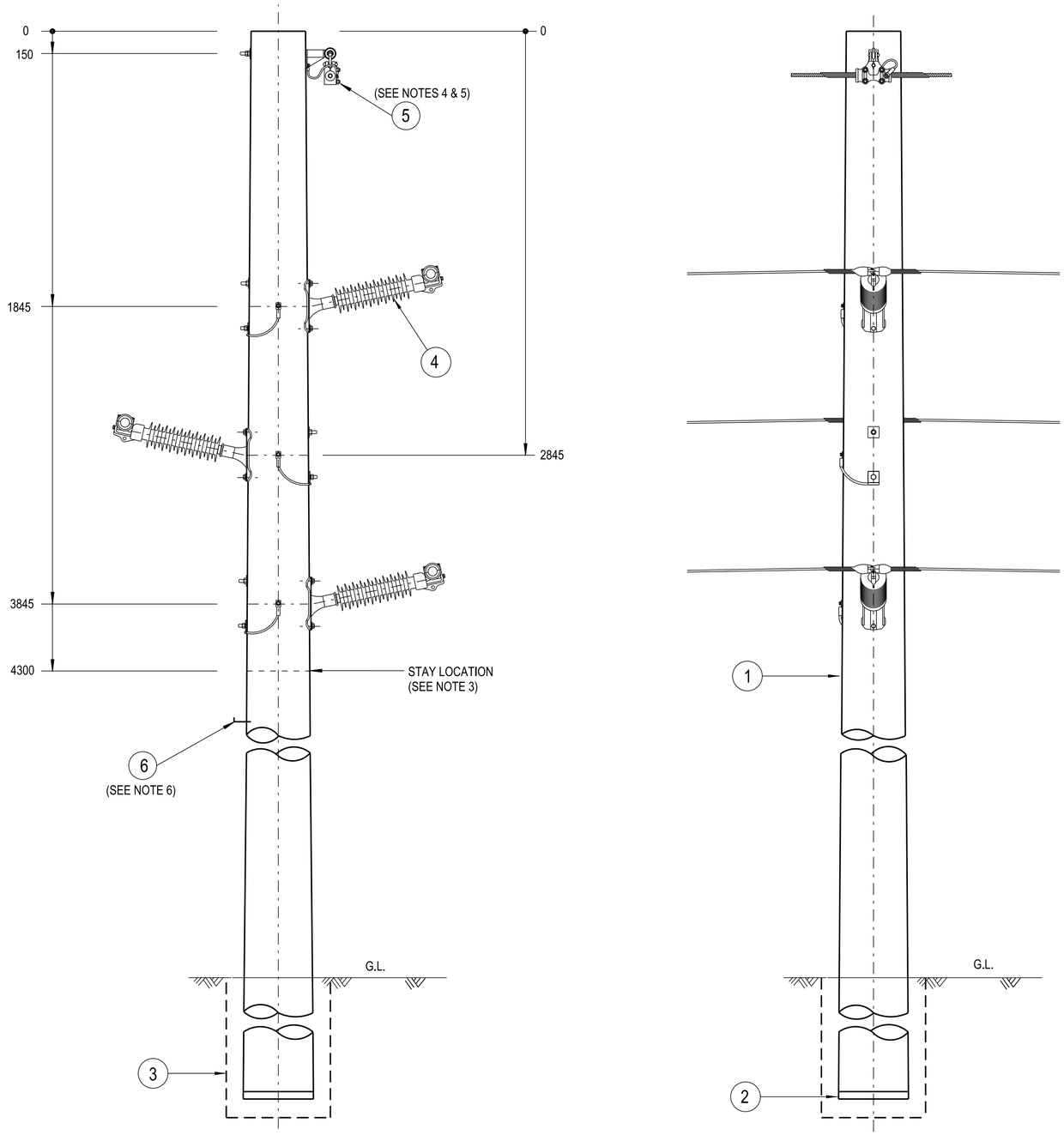

NOTES :

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, 66kV, 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

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

B. 28 -5- 91
ITEM 3 DRG NUMBER CHANGED. P.S.
DWN: P.S. CHKED: P.A.S.

C DATE: 19 -8- 94
POLE LENGTH U AND OFFSET TABLES AMENDED.
AUTH'D by: P. SUMMER

4 DATE: 18/10/2011
DRAWING NUMBER UPDATED. MATERIAL LIST AMENDED.
DWN: PATRICIA RIOS
CHKD: PHILLIP JONES
APP'D: GLENN FORD

5 DATE: 15/08/2018
NOTES & MATERIAL LIST UPDATED. OPGW ARRANGEMENT SHOWN.
DWN: PATRICIA RIOS
CHKD: PHILLIP JONES
APP'D by: GLENN FORD

ASSOCIATED DRAWINGS

NETWORK STANDARD
Ausgrid
145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE	1:25
DESIGNED	-
DRAWN	PETER SAUNDERS
CHECKED	P.A.S
APPROVED	D.GRIFFITHS
DATE	28/05/91
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION
66kV VERTICAL DELTA
HORIZONTAL LINE POST CONSTRUCTION
WITH OVERHEAD EARTHWIRE
5-200 C/E

SIZE A2 | DRAWING No 514159 | SHEET 01 | AMD 5

20110901

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