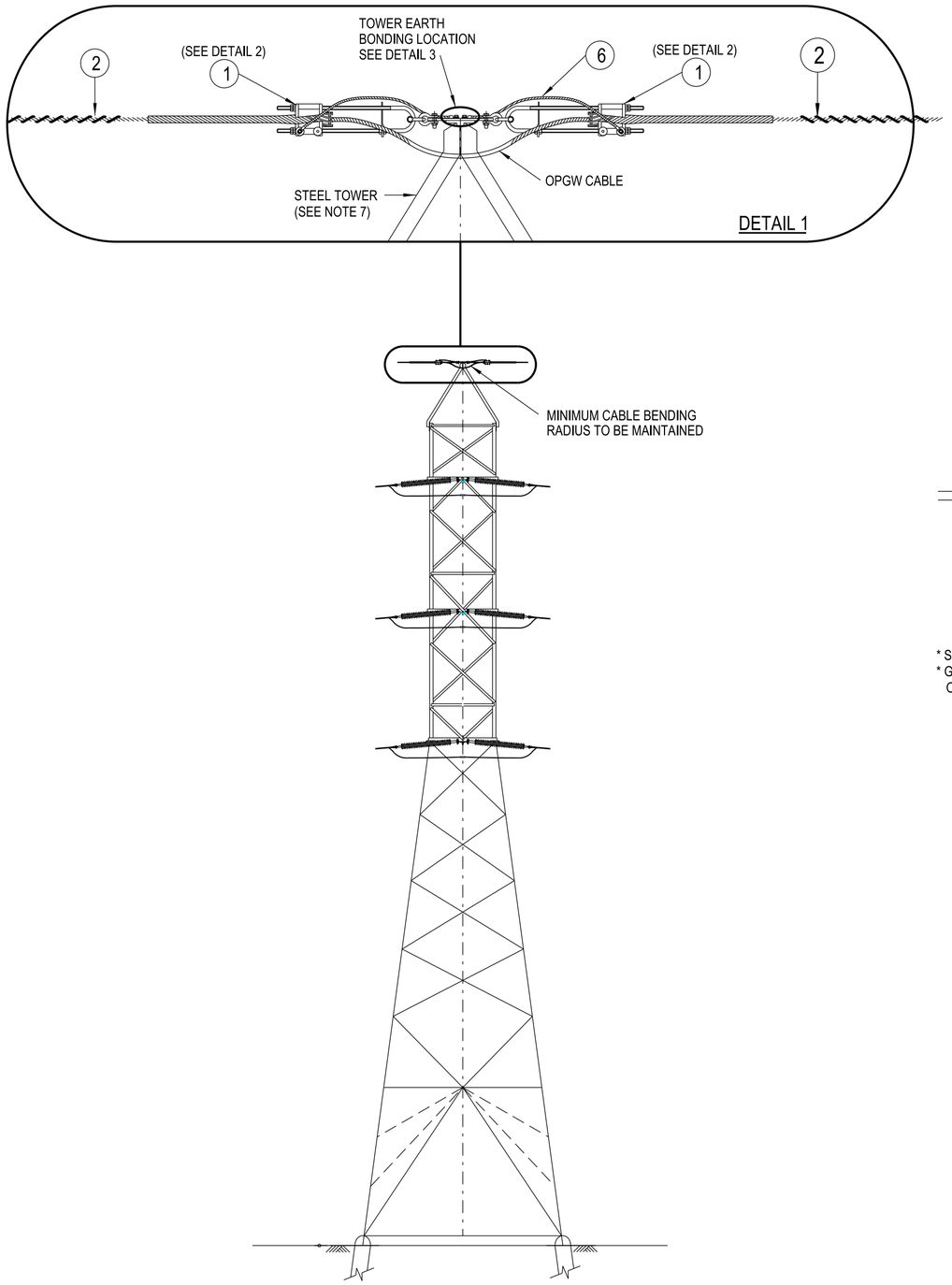
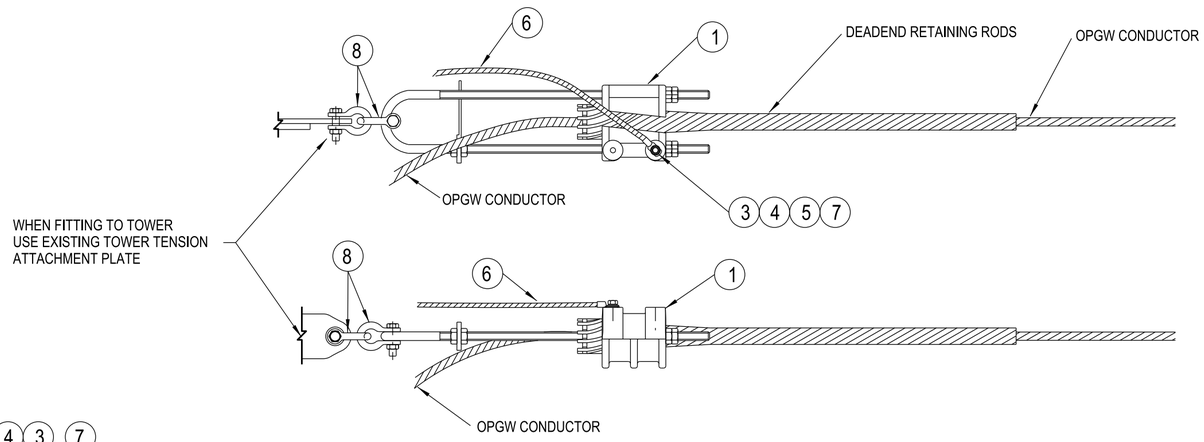
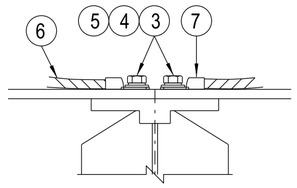


DETAIL 1



DETAIL 2
SEE NOTE 7



DETAIL 3
NOT TO SCALE

* SURFACE IS TO BE CLEAN AND SANDED BACK.
* GALMET TO BE APPLIED TO THE SURFACE OF THE STEEL STRUCTURE BEFORE BONDING LUG.

NOTES :

1. FIBERLIGN PARTS ARE AVAILABLE FROM PREFORMED LINE PRODUCTS (AUSTRALIA) PTY LTD.
2. FIBERLIGN DEADEND TO BE ORDERED TO SUIT SIZE AND LAY OF OPGW.
3. FIBERLIGN SPIRAL VIBRATION DAMPERS TO BE ORDERED TO SUIT SIZE OF OPGW.
4. QUANTITY OF FIBERLIGN SPIRAL VIBRATION DAMPERS PER SPAN IS AS FOLLOWS :
   LESS THAN 245m 2 PER SPAN
   246 - 485m 4 PER SPAN
   486 - 730m 6 PER SPAN
   731 - 975m 8 PER SPAN
5. TWO FIBERLIGN SPIRAL VIBRATION DAMPERS MAY BE WRAPPED TOGETHER AT THE SAME LOCATION.
6. MINIMUM CABLE RADIUS OF 60 FIBRE OPGW IS 500mm.
7. DETAIL OF EARTHWIRE PEAK WILL DEPEND ON TOWER TYPE. (ie. VERTICAL OR HORIZONTAL CONFIGURATION)
8. NO DRILLING OF TOWER'S EXISTING EARTHING POINT TO BE USED.
9. VIBRATION DAMPERS TO BE INSTALLED AS PER DRG : 163179.

ITEM	DESCRIPTION	DRG	STOCK CODE	QTY
8	SHACKLE - 'D', 16mm	517600	H42517	2
7	LUG - TO SUIT ITEM 6			1
6	CONDUCTOR - MERCURY			A/R
5	WASHER - SPRING, M12, GALVANISED	518082	H12047	1
4	WASHER - FLAT, M12, GALVANISED	518081	177982	2
3	BOLT & NUT - M12x40mm, HEX., GALVANISED	515466	46375	1
2	DAMPER - VIBRATION, SPIRAL, FIBERLIGN	162495		A/R
1	DEADEND - TERMINATION ASSEMBLY, FIBERLIGN	162494		2

CONSTRUCTION ISSUE

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

1	DWN: PATRICIA RIOS	CHKED: PHILLIP NICHOLS	DATE: 01/02/2012

NOTES & MATERIAL LIST AMENDED. DETAIL 3 ADDED.

APPD by: GLENN FORD

ASSOCIATED DRAWINGS	
SPIRAL VIBRATION DAMPERS ATTACHMENT DETAILS	163179

Ausgrid
145 NEWCASTLE ROAD
WALLSEND NSW 2287
PHONE: 02 4951 9388
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DESIGNED	PAUL STEWART
DRAWN	PATRICIA RIOS
CHECKED	GLENN FORD
AUTHORISED	STEPHEN CONNOR
DATE	19/12/07
SCALE	NTS
MAP REF.	
LGA	
PROJECT No.	STD
PROJTRAK No.	STD

STANDARD CONSTRUCTION OPGW THROUGH TERMINATION ARRANGEMENT USING FIBERLIGN FITTINGS FOR STEEL TOWER FEEDERS

SIZE A2 | DRAWING No 185403 | SHEETS 01 of 1 | AMD 1

20110909