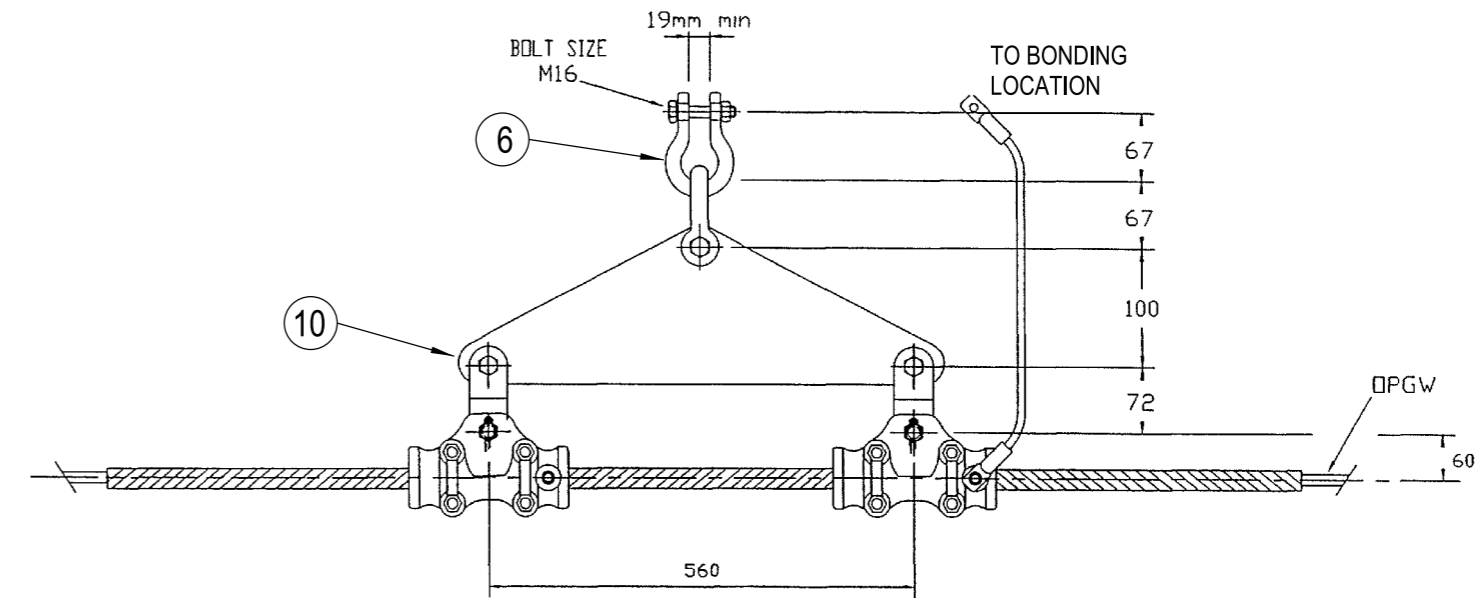
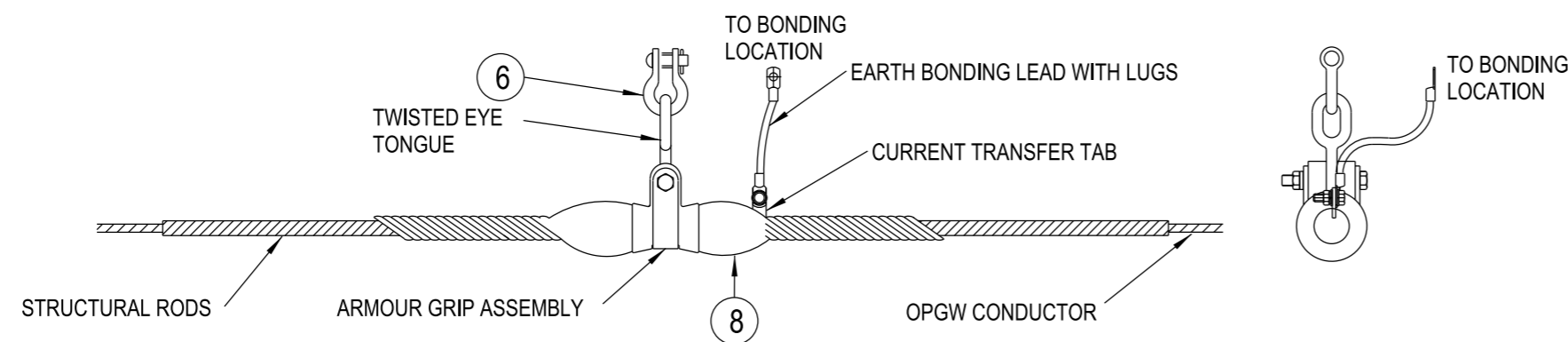


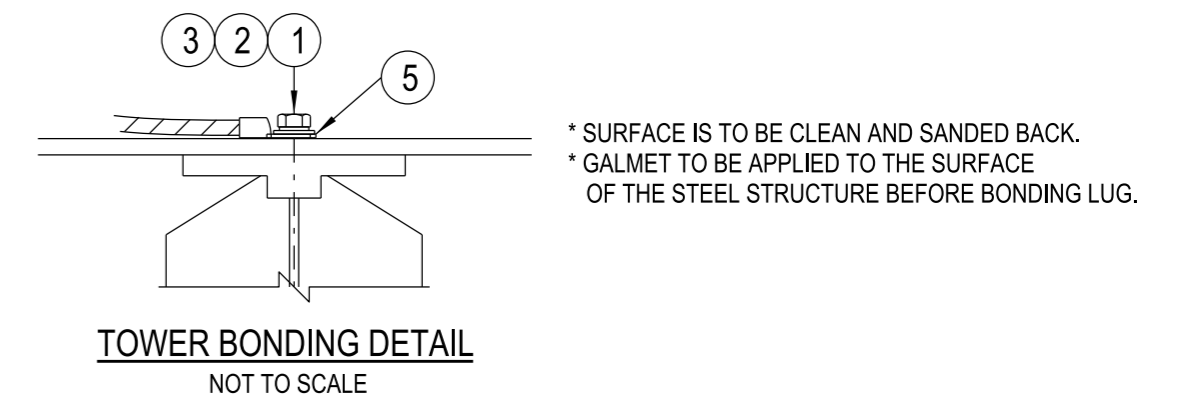
ARRANGEMENT 1
 FIBERLIGN CUSHION CLAMP
 FOR SPANS LESS THAN 250m & LINE DEVIATIONS BETWEEN 0° & 30°



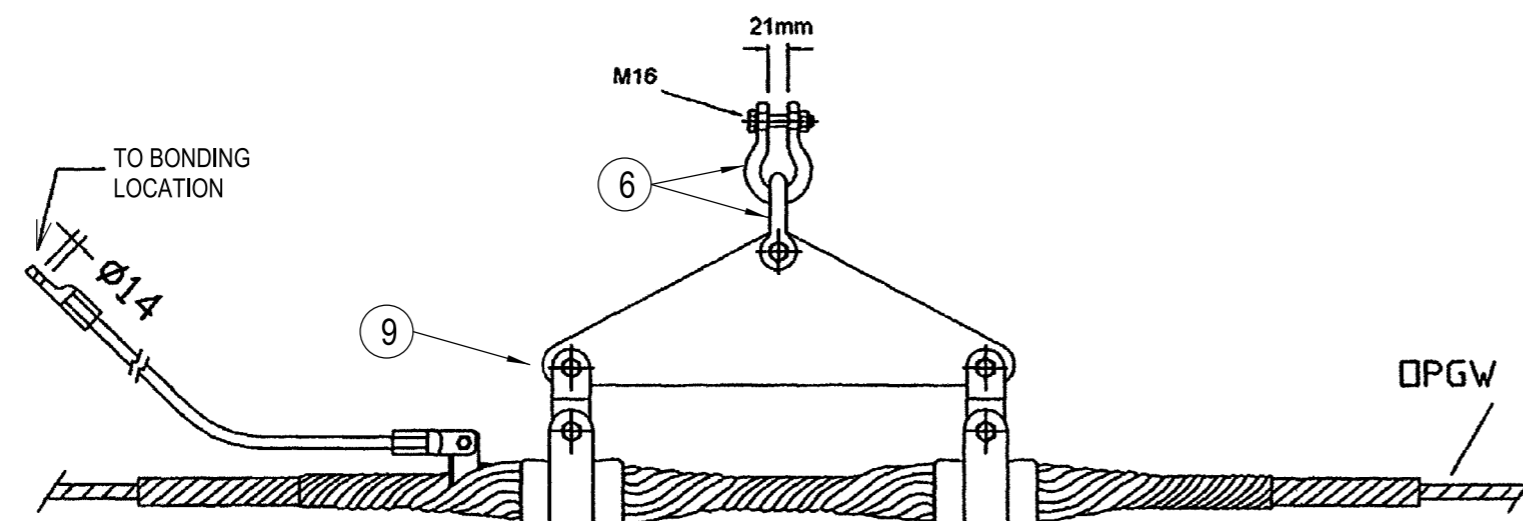
ARRANGEMENT 2
 FIBERLIGN CUSHION CLAMP - DOUBLE
 FOR SPANS LESS THAN 250m & LINE DEVIATIONS BETWEEN 30° & 60°



ARRANGEMENT 3
 FIBERLIGN SUSPENSION CLAMP
 FOR SPANS GREATER THAN 250m & LINE DEVIATIONS BETWEEN 0° & 30°



TOWER BONDING DETAIL
 NOT TO SCALE



ARRANGEMENT 4
 FIBERLIGN SUSPENSION CLAMP - DOUBLE
 FOR SPANS GREATER THAN 250m & LINE DEVIATIONS BETWEEN 30° & 60°

NOTES :

- FIBERLIGN PARTS ARE AVAILABLE FROM PREFORMED LINE PRODUCTS (AUSTRALIA) PTY LTD.
- FIBERLIGN CUSHION CLAMPS AND SUSPENSION CLAMPS TO BE ORDERED TO SUIT SIZE AND LAY OF OPGW.
- FIBERLIGN SPIRAL VIBRATION DAMPERS TO BE ORDERED TO SUIT SIZE OF OPGW.
- 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
- TWO FIBERLIGN SPIRAL VIBRATION DAMPERS MAY BE WRAPPED TOGETHER AT THE SAME LOCATION.
- VIBRATION DAMPERS TO BE INSTALLED AS PER DRG : 163179.

ITEM	DESCRIPTION	DRG	STOCK CODE	QTY
10	CUSHION CLAMP - DOUBLE, FIBERLIGN			A/R
9	SUSPENSION CLAMP - DOUBLE, FIBERLIGN			A/R
8	SUSPENSION CLAMP - SINGLE, FIBERLIGN			A/R
7	CUSHION CLAMP - SINGLE, FIBERLIGN			A/R
6	SHACKLE - 'D', 16mm	517600	H42517	A/R
5	LUG - TO SUIT BONDING LEAD			A/R
4				
3	WASHER - SPRING, M12, GALVANISED	518082	H12047	A/R
2	WASHER - FLAT, M12, GALVANISED	518081	177982	A/R
1	BOLT & NUT - M12x40mm, HEX., GALVANISED	515466	46375	A/R

CONSTRUCTION ISSUE

CAD DRAWING DO NOT MANUALLY AMEND AMENDMENTS	DWN: PATRICIA RIOS CHKD: PHILLIP NICHOLS	DATE: 02/02/2012 DRAWING BORDER CHANGED, TOWER BONDING DETAIL ADDED.	APPD by: GLENN FORD	DWN: PATRICIA RIOS CHKD: GLENN FORD	DATE: 15/11/2012 DRAWING CHANGED TO INCLUDE POLES.	APPD by: GLENN FORD
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SPRAL VIBRATION DAMPERS ATTACHMENT DETAILS	163179
ASSOCIATED DRAWINGS	

Ausgrid
 145 NEWCASTLE ROAD
 WALLSEND NSW 2287
 PHONE: 02 4951 9388
 FAX: 02 4951 9389

DESIGNED DRAWN CHECKED AUTHORISED DATE SCALE MAP REF. LGA	PAUL STEWART PATRICIA RIOS GLENN FORD STEPHEN CONNOR 19/12/07 NTS	STANDARD CONSTRUCTION OPGW SUSPENSION ARRANGEMENTS USING FIBERLIGN FITTINGS FOR POLES & STEEL TOWER	PROJECT No.	STD	SIZE	DRAWING No	SHEETS	AMD
PROJTRAK No.	STD		A2	185405	01 of 1	2		