



- NOTES:**
- ALL EYE BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
 - THE OPGW CONDUCTOR IS TO BE BONDED TO AN M12 STAINLESS STEEL EARTH FERRULE ON A CONCRETE POLE. THE OPGW CONDUCTOR IS TO BE BONDED TO AN M12 THREADED HOLE ON A STEEL POLE.
 - THE LOAD AND DEVIATION ALLOWABLE ON THE EYE BOLTS IS TO BE DETERMINED FROM DRG: 520324.
 - EARTH BONDING LUG TO BE IN DIRECT CONTACT WITH CONCRETE POLE EARTH FERRULE. NO SPACING WASHERS PERMITTED.
 - FIBERLIGN PARTS ARE AVAILABLE FROM PREFORMED LINE PRODUCTS (AUSTRALIA) PTY LTD.
 - OPGW CONDUCTOR ACCESSORIES TO BE ORDERED TO SUIT SIZE AND LAY OF CONDUCTOR STRANDS.
 - WHEN USING AN OPGW TERMINATION ARRANGEMENT THAT BREAKS THE OPGW CONDUCTOR, REFER TO DRG: 565743 FOR SPLICE BOX AND COILED CABLE BRACKET MOUNTING DETAILS.
 - TIMBER POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
 - INTEGRATED POLE BANDS CAN BE USED AS AN ALTERNATIVE TO 3 BOLT POLE BANDS ON STEEL POLES.
 - THE TIMBER POLE EARTH DOWN LEAD CABLE IS TO BE SECURED TO THE POLE, AS REQUIRED, USING DOUBLE SIDED GALVANISED STEEL SADDLES.

ITEM	DESCRIPTION	DRG. No	STOCK CODE	QTY												
				ARR-1			ARR-2			ARR-3			ARR-4			
14	SCREW - SELF DRILLING, #12x45mm, GALVANISED		175567	A/R	A/R	A/R										
13	WASHER - FLAT, M12, STAINLESS STEEL	518081	49429				1	1	1	1	1	1	1	1	1	1
12	WASHER - SPRING, M12, STAINLESS STEEL	518082	143859				1	1	1	1	1	1	1	1	1	1
11	SCREW - SET, M12x25mm, HEX, STAINLESS STEEL	515467	44693				1	1	1	1	1	1	1	1	1	1
10	PLATE - LINK, MARK 3, GALVANISED	22268	181891				2	1	2							
9	BAND - POLE, 3 BOLT (TO SUIT POLE SIZE)	507741					2	1	2							
8	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466					2	2	2							
7	SADDLE - 15mm, DOUBLE SIDED, GALVANISED (SEE NOTE 10)			A/R	A/R	A/R										
6	CONDUCTOR - MERCURY, 7/4.5 AAC (SEE NOTE 10)		H13433	A/R	A/R	A/R										
5	CLAMP - PARALLEL GROOVE, 3 BOLT	514099	62406	2	1	2	1			1	1			1	1	1
4	CLAMP - DOWNLEAD CUSHION, FIBERLIGN (TO SUIT CONCRETE/STEEL POLE) (SEE NOTE 5)						A/R	A/R				A/R	A/R		A/R	A/R
4	CLAMP - DOWNLEAD CUSHION, FIBERLIGN (TO SUIT TIMBER POLE) (SEE NOTE 5)						A/R	A/R				A/R	A/R		A/R	A/R
3	DEADEND - TERMINATION ASSEMBLY, FIBERLIGN (SEE NOTES 5 & 6)			2	1	2	2	1	2	2	1	2	2	1	2	2
2	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)	518081	H39231	4	2	4				4	2	4				
1	EYEBOLT - M20, GALVANISED (LENGTH TO SUIT POLE) (SEE NOTE 3)	513653		2	1	2				2	1	2				

20110901

CAD DRAWING DO NOT MANUALLY AMEND

APPD: GLENN FORD
DWN: PATRICIA RIOS
CHKD: PHILIP JONES
DATE: 01/06/2012
DRAWING BORDER UPDATED
OPGW ARRANGEMENTS
ADDED MATERIAL LIST & NOTES AMENDED

APPD: GLENN FORD
DWN: PATRICIA RIOS
CHKD: PHILIP JONES
DATE: 01/06/2016
ARRANGEMENT C ADDED
MATERIAL LIST AMENDED
DRAWINGS CHANGED TO A1 SHEET

APPD: DOMINIC SHIELDS
DWN: PATRICIA RIOS
CHKD: PHILIP JONES
DATE: 30/06/2020
ITEM 7 IN MATERIAL LIST AMENDED

APPD: GLENN FORD
DWN: P. RIOS
CHKD: P. JONES
DATE: 22/04/2022
ITEM 7 CHANGED & ITEM 15 ADDED
NOTES & MATERIAL LIST AMENDED

APPD: G.F.
DWN: P.R.
CHKD: P.J.
DATE: 01/08/2024
NOTES & MATERIAL LIST AMENDED

DATE: 08/10/2024
CALL OUTS FOR 3 BOLT NOTES & MATERIAL LIST AMENDED

DATE: 01/08/2024
NOTES & MATERIAL LIST AMENDED

20mm EYEBOLT LOADING AND DEVIATION GRAPH 520324
OPGW CONDUCTOR SPLICE BOX & COILED CABLE BRACKET MTG 565743

ASSOCIATED DRAWINGS

NETWORK STANDARD
Ausgrid
145 NEWCASTLE RD WALLSEND, NSW 2287

SCALE: 1:15
DESIGNED: --
DRAWN: P.S.
CHECKED: G.S.
APPROVED: G.SKINNER
DATE: 02/07/99

PROJECT NUMBER: STD

PROJTRAK NUMBER: --

STANDARD CONSTRUCTION
OPGW CONDUCTOR
TERMINATION
MOUNTING ARRANGEMENT

SIZE: A1
DRAWING No: 565747
SHEET: 1
AMD: 8