



- NOTES :**
- USE 400m MAXIMUM SPAN LENGTH ADSS CABLE WITH THIS CONSTRUCTION. FOR SPAN LENGTHS IN EXCESS OF 400m, APPROVAL MUST BE OBTAINED FROM SECONDARY SYSTEMS.
  - 72 OR 144 CORE STANDARD ADSS OPTICAL FIBRE CABLE IS TO BE USED UNDER NORMAL OPERATING CONDITIONS. 72 OR 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE CABLE IS TO BE USED WITH SECONDARY SYSTEMS APPROVAL IN HIGH POLLUTION ENVIRONMENTS & IN LOCATIONS WHERE A HIGH ELECTRIC FIELD EXISTS.
  - FIBERLIGN DIELECTRIC DEADEND ADSSTS-138-LG IS TO BE USED ON THE 72 CORE STANDARD & 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLES. FIBERLIGN DIELECTRIC DEADEND ADSSTS-130-LG IS TO BE USED ON THE 72 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN DIELECTRIC DEADEND ADSSTS-190-LG IS TO BE USED ON THE 144 CORE STANDARD ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLE.
  - FIBERLIGN CABLE ABRASION PROTECTOR PTG-0203 IS TO BE USED ON ALL THE 72 & 144 CORE STANDARD & ANTI-TRACKING ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLES.
  - POLES SHALL BE DRILLED, SCARFED AND DRESSED ON SITE. DRILLING AND SCARFING TO BE TREATED WITH APPROVED PRESERVATIVES.
  - ALL BOLTS PASSING THROUGH TIMBER ARE TO BE COATED WITH GRAPHITE GREASE.
  - FIBERLIGN DOWNLEAD CUSHION CLAMP OFDLC-8003042 IS TO BE USED ON THE 72 CORE STANDARD & 72 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLES. FIBERLIGN DOWNLEAD CUSHION CLAMP OFDLC-8003052 IS TO BE USED ON THE 144 CORE STANDARD ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLE. FIBERLIGN DOWNLEAD CUSHION CLAMP OFDLC-8003043 IS TO BE USED ON THE 144 CORE ANTI-TRACKING ADSS OPTICAL FIBRE 400m MAXIMUM SPAN LENGTH CABLE.
  - THE MINIMUM DISTANCE TO THE BOTTOM OF THE CABLE COIL IS 4000mm ABOVE GROUND LEVEL. THE CABLE COIL IS TO BE INSTALLED AS HIGH AS FEASIBLE TO A MAXIMUM HEIGHT OF 7000mm ABOVE GROUND LEVEL. THE MAXIMUM HEIGHT MUST MAINTAIN MINIMUM DISTANCES FROM CONDUCTORS TO ALLOW RETRIEVAL BY UNQUALIFIED STAFF.
  - THE ADSS STORAGE BRACKET MUST CONFORM TO THE MINIMUM NO-LOAD BEND RADIUS OF THE CABLE.
  - A MINIMUM CABLE COIL OF 40m IS TO BE INSTALLED ON THE CABLE STORAGE BRACKET.
  - THE CABLE COIL MUST BE SUITABLY SECURED TO THE CABLE STORAGE BRACKET WITH STAINLESS STEEL CABLE TIES AND THE BOTTOM OF THE COIL MUST BE SECURED TO AVOID SWINGING IN THE WIND.
  - THE CABLE COIL IS TO BE MOUNTED PARALLEL TO ANY ROADWAY WITH A PREFERENCE TO MOUNTING ON THE PROPERTY SIDE OF THE POLE.
  - THE SPLICE ENCLOSURE IS TO BE MOUNTED ABOVE THE CABLE COIL BRACKET WITH APPROXIMATELY A 90° ROTATION BETWEEN THE TWO COMPONENTS.
  - THIS STANDARD CONSTRUCTION IS ONLY TO BE USED WITH SECONDARY SYSTEMS APPROVAL.
  - REFER TO DESIGNER SAFETY REPORT D20/474633 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

ITEM	DESCRIPTION	DRG. No.	QTY
16	CLOSURE - FIBREGUARD 650, SPLICE (PLP PART No. FG650-248-P) (SEE NOTE 13)		1
15	CLAMP - DOWNLEAD CUSHION, ADSS, FIBERLIGN (PLP PART No. OFDLC-8003042) (SEE NOTE 7)		A/R
	CLAMP - DOWNLEAD CUSHION, ADSS, FIBERLIGN (PLP PART No. OFDLC-8003043) (SEE NOTE 7)		
	CLAMP - DOWNLEAD CUSHION, ADSS, FIBERLIGN (PLP PART No. OFDLC-8003052) (SEE NOTE 7)		
14	STRAP - TIEDOWN, CABLE, STAINLESS STEEL, 520x4.6mm (S/C: 182644)		6min
13	WASHER - FLAT, M12, GALVANISED	518081	2
12	WASHER - CONICAL, M12, GALVANISED	518082	2
11	BOLT & NUT - M12, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466	2
10	BRACKET - CABLE STORAGE, OPGW, FIBERLIGN (PLP PART No. OFSCCM-01) (SEE NOTES 9 & 11)		1
9	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-190-LG) (SEE NOTE 3)		2
	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-130-LG) (SEE NOTE 3)		
	DEADEND - ADSS, FIBERLIGN DIELECTRIC (PLP PART No. ADSSTS-138-LG) (SEE NOTE 3)		
8	PROTECTOR - CABLE, ABRASION, FIBERLIGN (PLP PART No. PTG-0203) (SEE NOTE 4)		2
7	THIMBLE - CLEVIS, 70kN (PLP PART No. ACT-27-16)		2
6	LINKS - ADSS EXTENSION (PLP PART No. GCL-010L-392)		2
5	SHACKLE - BOW, 70kN, REF.70/S, A.S.1154.2 (S/C: 30890)		2
4	WASHER - CONICAL, M16, GALVANISED	518082	2
3	WASHER - SQUARE, 50x50x6mm, GALVANISED (Ø18mm HOLE)	518081	4
2	EYEBOLT - M16, GALVANISED (PLP PART No. GEBR-16*) (* LENGTH TO SUIT POLE)		2
1	CABLE - OPTICAL FIBRE, 144 CORE, ADSS, ANTI-TRACKING, 400m (SEE NOTES 1 & 2)		A/R
	CABLE - OPTICAL FIBRE, 144 CORE, ADSS, STANDARD, 400m (SEE NOTES 1 & 2)		
	CABLE - OPTICAL FIBRE, 72 CORE, ADSS, ANTI-TRACKING, 400m (SEE NOTES 1 & 2)		
	CABLE - OPTICAL FIBRE, 72 CORE, ADSS, STANDARD, 400m (SEE NOTES 1 & 2)		

CAD DRAWING DO NOT MANUALLY AMEND AMENDMENTS	DWN: PATRICIA RIOS	APP'D by: GLENN FORD
	CHKD: ALFRED FREESTONE	DWN: PATRICIA RIOS
DATE: 02/04/2019 NOTES & MATERIAL LIST AMENDED.	DATE: 10/12/2020 EXTRA STRAPS ADDED. NOTES & MATERIAL LIST AMENDED.	APP'D by: GLENN FORD

NETWORK STANDARD

145 NEWCASTLE RD WALLSEND,  
NSW 2287

SCALE	1:20
DESIGNED	PHILLIP JONES
DRAWN	PATRICIA RIOS
CHECKED	ALFRED FREESTONE
APPROVED	GLENN FORD
DATE	12/11/14
PROJECT NUMBER	STD
PROJTRAK NUMBER	-

STANDARD CONSTRUCTION ADSS FIBRE OPTIC CABLE TIMBER POLE ADSS THROUGH TERMINATION CONSTRUCTION WITH CABLE STORAGE & SPLICE ENCLOSURE SPAN LENGTHS BETWEEN 150m AND 600m			
SIZE	DRAWING No	SHEET	AMD
A3	235546	01	2