



- NOTES:
- 1) ALL DIMENSIONS ARE IN MILLIMETRES, DO NOT SCALE DRAWING.
 - 2) CONSTRUCTION IS ONLY SUITED TO LOW VOLTAGE NON COMPLEX STRUCTURES.
 - 3) INDICATIVE SERVICE CONNECTIONS DEPICTED- PERSONS MAKING CONNECTIONS MUST ENSURE CORRECT POLARITY.
 - 4) CONDUCTORS SHALL BE CONSIDERED BARE IF INSULATION OR COVERING IS NOT UV STABILISED OR INSULATION IS DAMAGED.
 - 5) THE LOWEST POINT OF THE INSTALLED CONDUIT WILL IDENTIFY THE MAXIMUM ALLOWABLE HEIGHT OF THE THIRD PARTY INSTALLATION.
 - 6) THE LOWEST POINT OF CONDUIT SHALL BE LOCATED AT
- 1200mm BELOW THE LOWEST BARE CONDUCTOR/ APARATUS.
- 600mm BELOW THE LOWEST INSULATED/ COVERED CONDUCTOR/ APARATUS (SEE NOTE 4)
 - 7) ALL CONDUCTORS SHALL BE CONSIDERED WHEN SPECIFYING THE REQUIRED CONDUIT LENGTH INCLUDING ANY STREET LIGHT CONDUCTORS INSTALLED ON THE STRUCTURE.
 - 8) THE FUSE CARRIER SHALL NOT HAVE FUSE INSTALLED UNTIL THE THIRD PARTY ASSET IS READY FOR SERVICE.
 - 9) DOUBLE SCREW CONNECTORS ARE REQUIRED FOR ALL NEUTRAL CONNECTIONS.
 - 10) NETWORK BOUNDARY CONNECTORS ARE COMPATIBLE WITH 6-35MM² STRANDED INSULATED CABLE TO AS/NZS 5000.1 - FLEXIBLE CABLE IS NOT COMPATIBLE.
 - 11) NEUTRAL BOND TO STRUCTURE MAYBE REQUIRED- REFERENCE ACTUAL UNIT ASSEMBLY OF POLE TOP CONSTRUCTION FOR FURTHER DETAIL.
 - 12) MAXIMUM 300mm BETWEEN CONDUIT FIXINGS.
 - 13) DRILLING OF CONCRETE, STEEL OR COMPOSITE FIBRE POLES IS NOT PERMITTED
 - 14) FUSE SHALL BE POSITIONED NOT TO PLACE THE OPERATOR IN DANGER- PREFERABLY ON THE FOOTPATH SIDE OF POLE.
 - 15) TYPICAL AERIAL BUNDLED CABLE POLE TOP CONSTRUCTION DEPICTED FOR CONTEXT ONLY- INSTALLATION IS NOT CONFINED TO THE DEPICTED CONSTRUCTION.

TIMBER POLE INSTALLATION

IDENTIFIED ITEMS IN BILL OF MATERIAL NOT REQUIRED		
ITEM	DESCRIPTION	STOCK CODE
2	BUCKLE, FOR STRAP, 16mm, FLAT, S/STEEL	1197378
3	STRAP, 16mm, FLAT, S/STEEL	1197367
5	WASHER, FLAT, M16, GALV	1060296
6	BOLT M16 x 200mm, GALV, GR4.6, WITH NUT	1059117
7	WASHER, SPRING, M16, GALV	1197488
12	POLE BAND	-

ADDITIONAL REQUIRED ITEMS NOT IDENTIFIED IN BILL OF MATERIALS		
QTY	DESCRIPTION	STOCK CODE
AR	SCREW, WOOD, 12G X 50mm, SELF DRILLING, HEX WASHER FACE TYPE 17	1153572
AR	SADDLE, 32mm, FULL ZINC PLATED	1082267
1	SCREW, COACH 12MM X 75mm GALV	1061847
1	BOLT, M12x 350mm, GALV, GR 4.6 WITH NUT	1193318
4	WASHER SQUARE M12 40 X 40 X 3mm GALVANISED	1060569
1	WASHER SPRING 12mm CONICAL	1158557

ITEM	UA TYPE	DESCRIPTION	STOCK CODE	QTY	DRAWING NO
1	P	FUSE HOLDER, 480V, 100A, HOUSE SERVICE, C/W PATTERN B PIN ADAPTER, IPC	1170821	1	D103-0014
2	P	STRAP, 16mm, FLAT, S/STEEL	1197367	3	D103-0031
3	P	BUCKLE, FOR STRAP, 16mm, FLAT, S/STEEL	1197378	3	D104-0079
4	P	BRACKET, L TYPE MOUNTING, FOR IPC TYPE SERVICE FUSE HOLDERS	1174854	1	D108-0013
5	P	WASHER, FLAT M16, GALV	1060296	4	D111-0016
6	P	BOLT, M16 x 200mm, GALV, GR 4.6, WITH NUT	1059117	2	D111-0042
7	P	WASHER, SPRING, M16 GALV	1197488	2	D111-0009
8	P	CONNECTOR, NEUTRAL, DOUBLE SCREW, HSC, SERVICE, Cu/Al 4-35mm ² , IPC Cu/Al 6-35mm ²	1204187	1	D103-0271
9	P	CONDUIT, 32mm, PVC, GREY, 4m LENGTH	1080994	1	D103-0272
10	P	CONNECTOR, IPC 50-150mm ² TO 6 - 35mm ²	1160280	3	D103-0064
11	P	CABLE, AERIAL BUNDLED, 25mm ² , 2C, CONDUCTOR, HD COMPACTED Al, 0.6/1kV XLPE	1170432	AR	D102-0010
12	I	INTERFACE, POLE BAND TO SUIT	SELECT	2	D204-0018

No.	DESCRIPTION	CKD	AUTH	DATE
A	FUSE POSITION AND NETWORK BOUNDARY AMENDED	NAA	WJC	12/08/2020
B	HSC AMENDED	NAA	WJC	23/07/2021

3D

BOM

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Drawn:	3rd Dim
Designed:	B. North
Checked:	B. North 8/11/2018
Branch Engineer:	W. Ibrahim 27/03/2019
Branch Manager:	
Old Drawing No. and Revision:	Rev

STANDARD CONSTRUCTION, DISTRIBUTION
OVERHEAD, LOW VOLTAGE,
SA, POINT OF CONNECTION ASSEMBLY
FOR THIRD PARTY UNMETERED ASSETS
LOW VOLTAGE ONLY POLES, LV ABC

Scale:	Date:	Sheet No.:
Project No.:	Stock Code:	
Status:	Current	
A1	D202-0071	Rev B