



REAR ELEVATION

SIDE ELEVATION

LV ABC MAINS

SCALE 1:20

LV BARE CONDUCTOR MAINS

SCALE 1:20

NOTES

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NETWORK STANDARD 119.
- 2. USE ITEMS 9 AND 10 TO SECURE THE CONDUIT TO THE POLE.
- 3. CONNECT EACH STREET LIGHT TO THE PHASE SPECIFIED BY THE ELECTRICAL DESIGN. IF THERE IS NO DESIGN, ALTERNATE THE CONNECTION OF EACH STREET LIGHT BETWEEN PHASES TO BALANCE THE LOAD ON THE LV DISTRIBUTOR.
- 4. USE BLACK INSULATION TAPE TO SUPPORT THE STREET LIGHT CABLE.
- 5. REPLACE THE KING BOLT BY A THIRD M12 x 90mm COACH SCREW ON 500mm BRACKETS ONLY.
- 6. STREETLIGHT ACTIVE AND NEUTRAL SHALL BE CONNECTED TO THE SAME SECTION OF LOW VOLTAGE MAINS, AND SHALL NOT BE CONNECTED TO DIFFERENT SIDES OF LINKS, FUSES, SWITCHES, BONDS, THROUGH TERMINATIONS (INSULATING PINS) OR SIMILAR EQUIPMENT. PURPOSE IS TO ENSURE ISOLATED SECTIONS OF MAINS CANNOT BE CONNECTED LIVE THROUGH STREET LIGHTING INTERNAL EQUIPMENT.

ITEM	DESCRIPTION	STOCK CODE
1	LV ABC CONSTRUCTION (1-70 SHOWN)	
2	LV BARE WIRE CONSTRUCTION (1-1 SHOWN)	
3	2.5sq mm 2 CORE PVC INSULATED AND SHEATHED CABLE	61226
4	LV ABC IPC	73585, 143891
5	LV BARE MAINS IPC	H109694, 175051
6	LUMINAIRE	REFER NS119
7	BRACKET	REFER NS119
8	FLEXIBLE CONDUIT GREY 20mm	176566
9	GALVANISED 25mm DOUBLE SIDED SADDLES	66043
10	SELF DRILLING SCREWS (#12 X 45mm)	175567
11	PHOTO ELECTRIC CELLS - 10A NEMA	182715
12	KING BOLT - M20 x LENGTH TO SUIT POLE	
13	COACH SCREW - GALV M12 x 90mm	50443

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS

DWN: P.R.
CHKD: T.T.
APP'D: G.F.

DATE: 30/07/2025
NOTE 6 ADDED.

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ASSOCIATED DRAWINGS

NETWORK STANDARD
Ausgrid

42 HONEYSUCKLE DRIVE,
NEWCASTLE WEST NSW 2300

SCALE	AS SHOWN
DESIGNED	C.WILSON
DRAWN	P.JARVIS
CHECKED	C.WILSON
APPROVED	A.MOAYEDZADEH
DATE	12/12/2018
PROJECT NUMBER	STD
TRIM REF NUMBER	-

SIZE	DRAWING No	SHEET	REV
A2	242605	1	1

STANDARD CONSTRUCTION
STREET LIGHTING
OVERHEAD CONNECTED ON TIMBER POLE
INSTALLATION DETAILS

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