

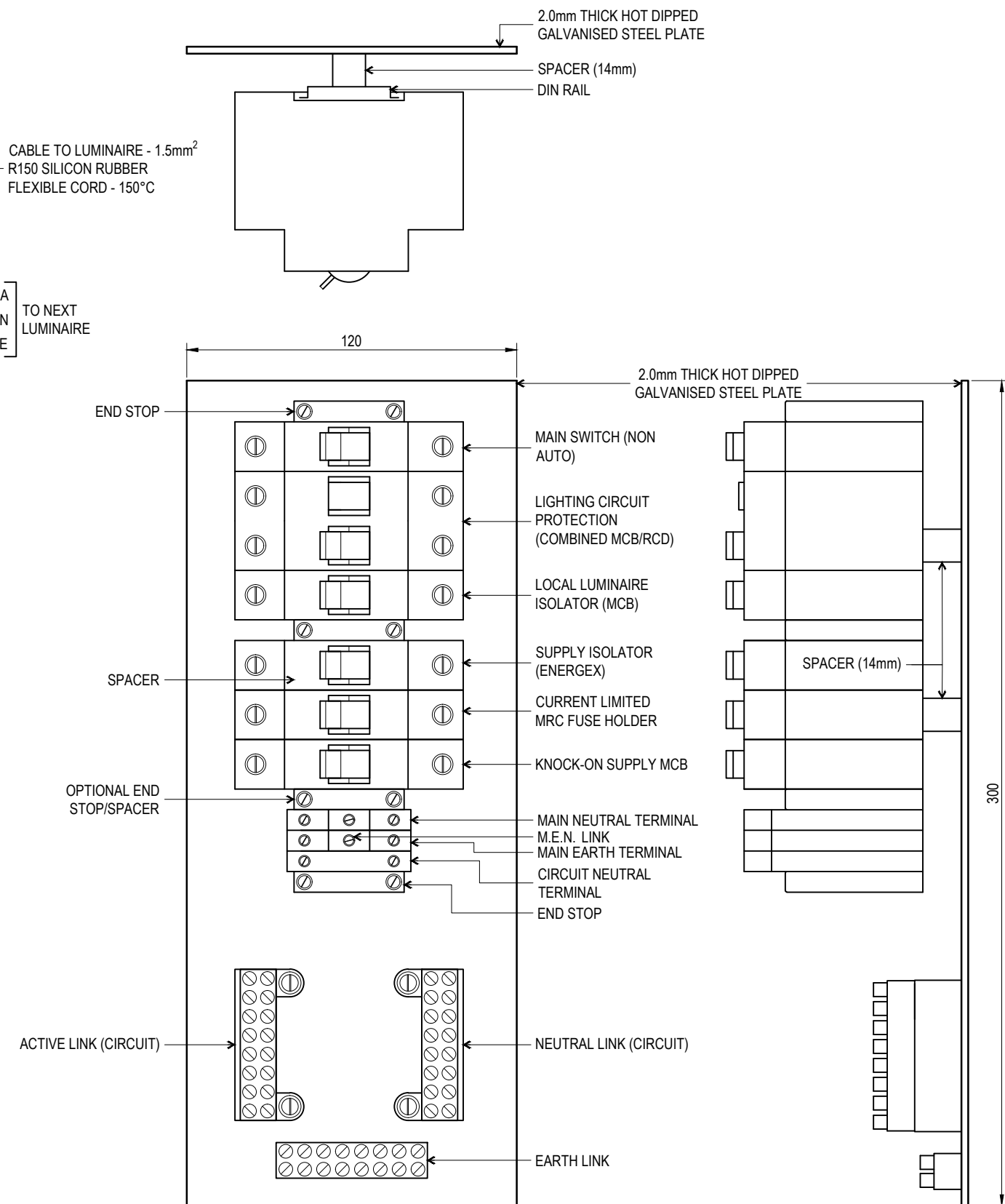
WIRING SCHEMATIC (WITHOUT KNOCK-ON SUPPLY)

NOT TO SCALE

NOTES:

1. ELECTRICAL INSTALLATION SHALL COMPLY WITH AS/NZS3000.
2. PE CELL IS TO BE INSTALLED IN 7-PIN NEMA RECEPTACLE.
3. THE ELECTRICAL CONDUIT INSTALLED PARALLEL TO THE PROPERTY BOUNDARY IS TO BE POSITIONED WITHIN THE 0 - 900mm UNDERGROUND ELECTRICITY ALIGNMENT WITH A MINIMUM CLEARANCE OF 100mm FROM OTHER ELECTRICAL CONDUITS, AND LOCATED ON THE ROADWAY SIDE OF THE 0 - 900mm UNDERGROUND ELECTRICITY ALIGNMENT. REFER TO BRISBANE CITY COUNCIL STANDARD DRAWINGS BSD-1013 TO BSD-1016 FOR FURTHER DETAILS.
4. ENDS OF CONDUITS ARE TO BE SEALED WITH SILICON OR SIMILAR SUITABLE SEALANT TO PREVENT INGRESS OF VERMIN.
5. EXTERNAL BASE OF LIGHT POLE IS TO BE SEALED WITH MORTAR OR SIMILAR SUITABLE MATERIAL TO PREVENT INGRESS OF VERMIN.
6. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

EQUIPMENT LIST	
ITEM	DESCRIPTION
MAIN SWITCH	63A C/B AMP - NON AUTO - DIN RAIL MOUNTED - 10kA - CLIPSAL OR EQUAL APPROVED
COMBINED MINIATURE CIRCUIT BREAKER AND RESIDUAL CURRENT DEVICE (MCB/RCD)	20 AMP - DIN RAIL MOUNTED - TYPE A - C CURVE RCD - 30mA TRIPPING CURRENT - 10kA - 2 POLE TYPE - CLIPSAL OR EQUAL APPROVED (2 POLE REQUIRED TO ACHIEVE 10kA)
MINIATURE CIRCUIT BREAKER (MCB)	6 AMP - DIN RAIL MOUNTED - 10kA - CLIPSAL OR APPROVED EQUAL
NEUTRAL LINK	INSULATED BASE TYPE - 16mm ² TERMINALS - 1 MEN + 6 - 2 SCREW TYPE - 100 AMP RATING
EARTH LINK	16mm ² TERMINALS - 1 MEN + 6 - 2 SCREW TYPE - 100 AMP RATING
CONTACTOR	MINIMUM 20 AMP - AC3 - 2 POLE - 240V - DIN RAIL MOUNTED - SPRECHER & SCHUH OR EQUAL APPROVED
PE CELL	NEMA OR APPROVED EQUIVALENT
TERMINAL STRIP	15 AMP - INSULATED TYPE - 2 SCREW TYPE - CLIPSAL OR EQUAL APPROVED



MAIN SWITCHBOARD & CONTROL PANEL ARRANGEMENTS (WITH KNOCK-ON SUPPLY)

SCALE 1:25 (APPROX.)

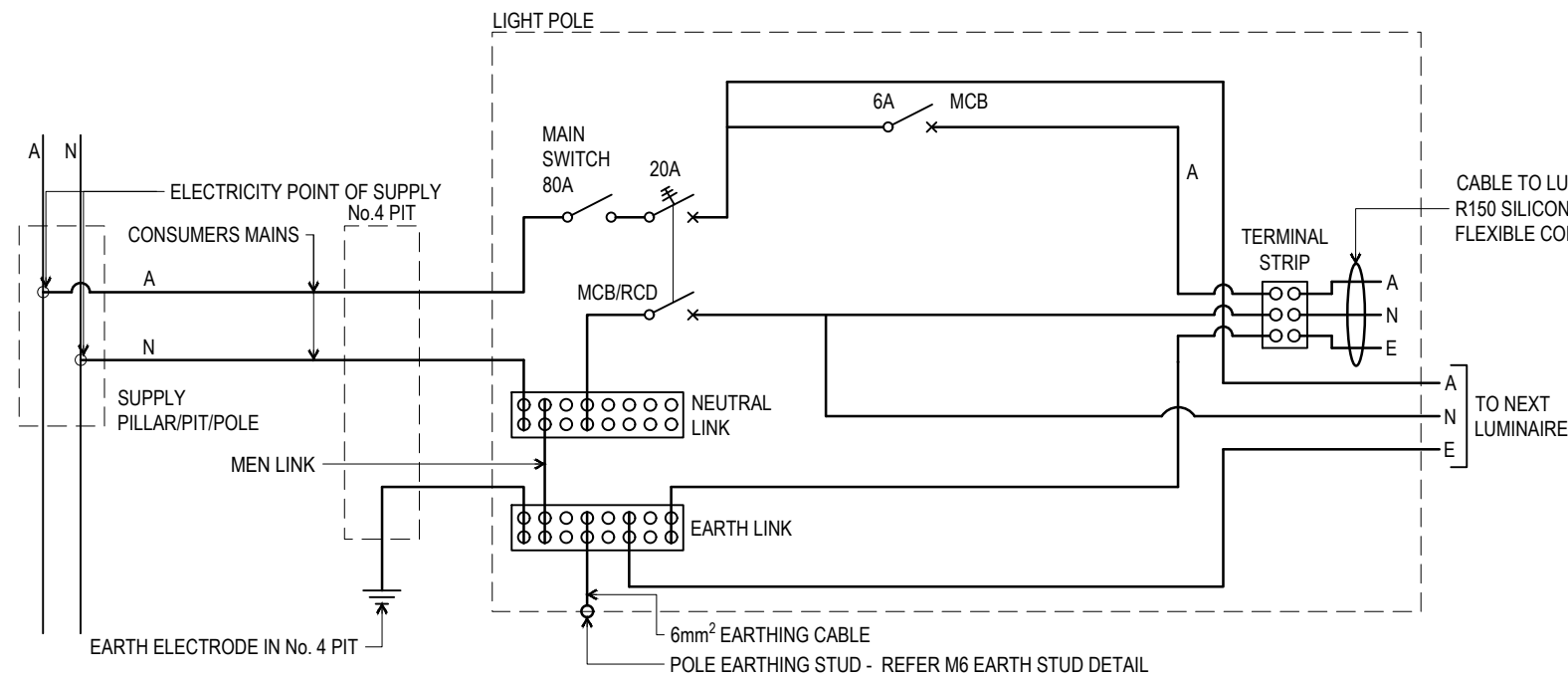
THE PURPOSE OF THIS STANDARD DRAWING IS TO PROVIDE TYPICAL DETAILS THAT SUPPORT THE DESIRED OUTCOMES OF THE BRISBANE CITY PLAN 2014 AND ASSOCIATED PLANNING SCHEME POLICIES. THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHOULD BE ASSESSED AND ACCEPTED BY AN APPROPRIATELY QUALIFIED DESIGNER AND/OR REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).



BRISBANE CITY COUNCIL STANDARD DRAWING

PEDESTRIAN LIGHTING - TYPE 1 MAIN SWITCHBOARD AND CONTROL PANEL ARRANGEMENT AND SCHEMATIC - SHEET 1 OF 2

PUBLISH DATE	SEP 2024
SCALE	AS SHOWN
DRAWING NUMBER	BSD-11001
ORIGINAL SIZE	A3
REVISION	C



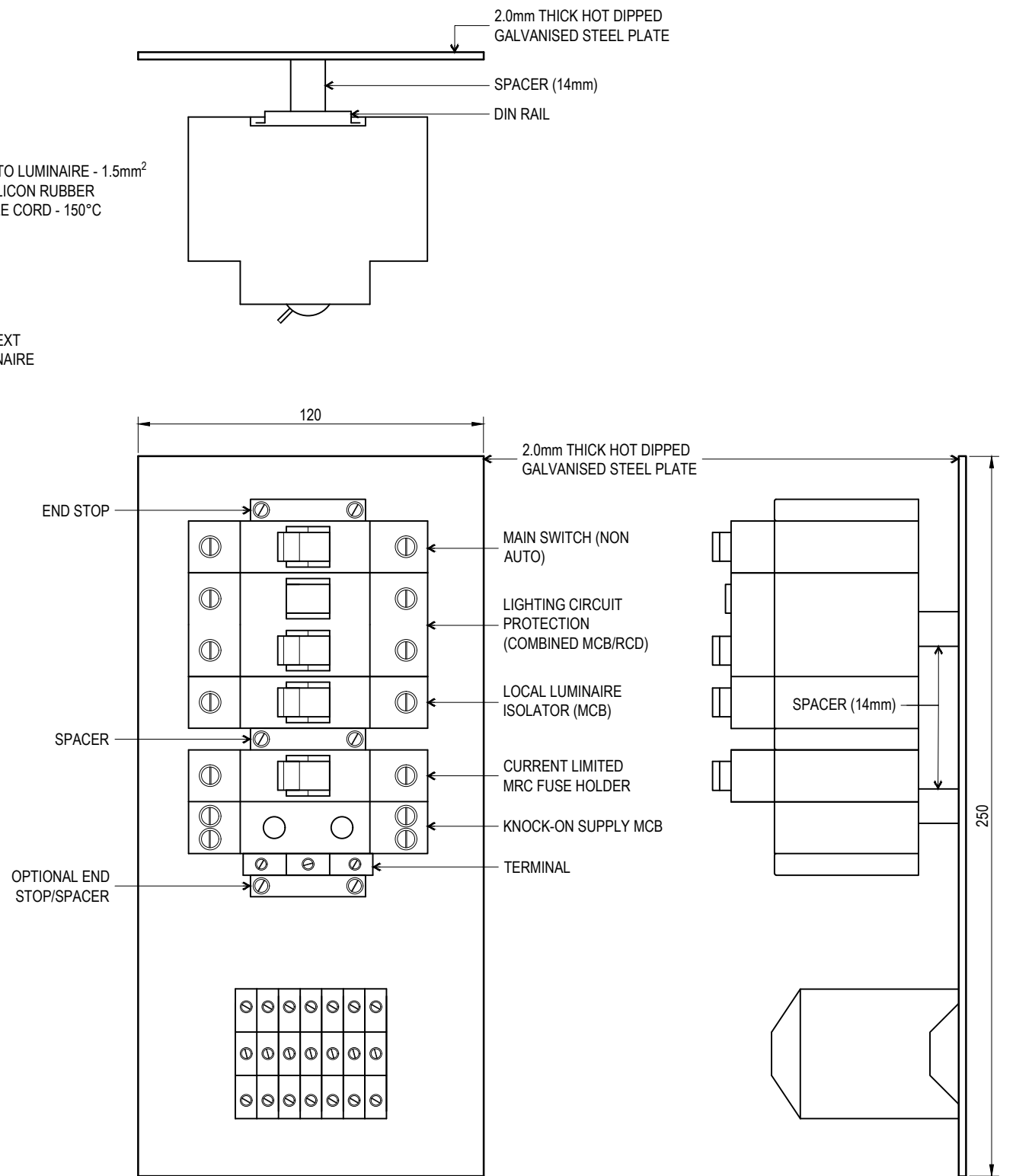
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BRISBANE CITY COUNCIL STANDARD DRAWING
PEDESTRIAN LIGHTING - TYPE 2 MAIN SWITCHBOARD AND CONTROL PANEL ARRANGEMENT AND SCHEMATIC - SHEET 2 OF 2

PUBLISH DATE		SEP 2024
SCALE		AS SHOWN
DRAWING NUMBER		BSD-11001
ORIGINAL SIZE	REVISION	
A3	C	