

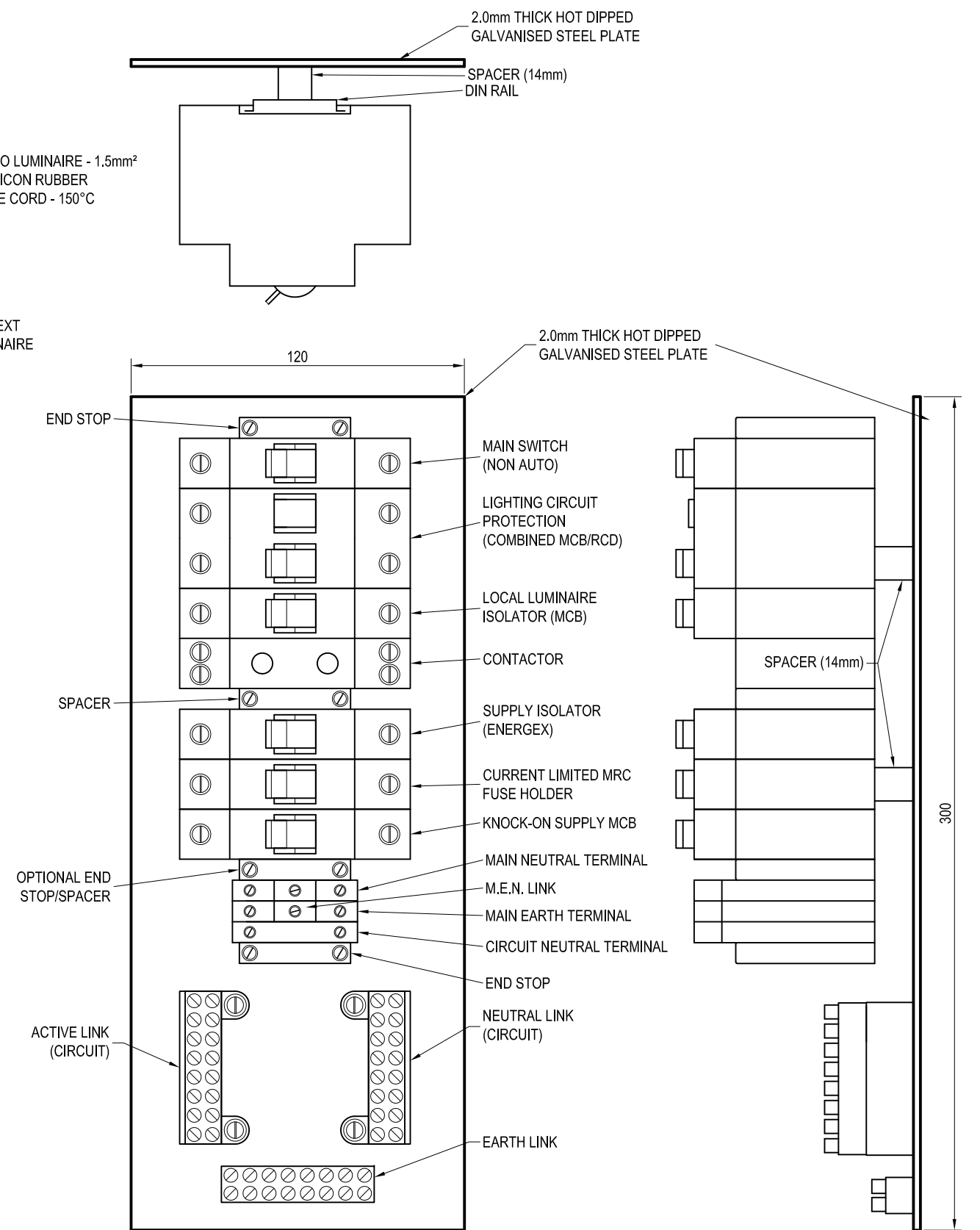
WIRING SCHEMATIC
NOT TO SCALE

NOTES:

1. ELECTRICAL INSTALLATION SHALL COMPLY WITH AS/NZS.3000.
2. PE CELL IS TO BE INSTALLED 50mm ABOVE THE TOP OF THE REMOVABLE ACCESS PANEL, FACING TOWARDS THE PROPERTY BOUNDARY.
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. MAIN SWITCHBOARDS AND CONTROL PANELS CAN BE PURCHASED FROM BRISBANE CITY COUNCIL. CONTACT CITY LIGHTING SECTION ON TELEPHONE No. 07 3027 4491 TO ARRANGE.
5. ENDS OF CONDUITS ARE TO BE SEALED WITH SILICON OR SIMILAR SUITABLE SEALANT TO PREVENT INGRESS OF VERMIN.
6. EXTERNAL BASE OF LIGHT POLE IS TO BE SEALED WITH MORTAR OR SIMILAR SUITABLE MATERIAL TO PREVENT INGRESS OF VERMIN.
7. 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 EQUAL APPROVED
NEUTRAL LINK	INSULATED BASE TYPE - 16mm² TERMINALS - 1 MEN + 6 - 2 SCREW TYPE - 100 AMP RATING
EARTH LINK	16mm² 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	PHOTO MICROSWITCH - 1000 WATT OUTPUT - ATCO FM S220 OR EQUAL APPROVED
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.)

	BRISBANE CITY COUNCIL STANDARD DRAWING		PUBLISH DATE NOV 2019	
	PEDESTRIAN LIGHTING - TYPE 1 MAIN SWITCHBOARD AND CONTROL PANEL ARRANGEMENT AND SCHEMATIC - SHEET 1 OF 2		SCALE AS SHOWN	
			DRAWING NUMBER BSD-11001	
			ORIGINAL SIZE A3	REVISION B