


EQUIPMENT LIST	
ITEM	DESCRIPTION
EXTERNAL SWITCHBOARD LABEL	TO BCC STANDARD - e.g. D1234S1, R0001C - CONTACT BCC ASSET SERVICES PARKS (IF SWITCHBOARD INSTALLED IN PARK) OR ASSET SERVICES CITY LIGHTING (IF SWITCHBOARD INSTALLED IN ROAD RESERVE) FOR SPECIFIC LABEL AND NUMBERING
TYPE 4 ELECTRICAL PIT	PLASTIC TYPE 4 ELECTRICAL PIT WITH CONCRETE LID - ADCO OR APPROVED EQUIVALENT - REFER NOTE 2
Ø80 HD CONDUIT	1X 4M HEAVY DUTY (HD) CONDUIT FROM ELECTRICAL PIT TO SWITCHBOARD
Ø80 HD CONDUIT	1X Ø80 HEAVY DUTY (HD) SWEEP
COPPER PLATED EARTH ROD	SITE SPECIFIC EARTH STAKE/ROD
EARTH STAKE CLAMP	EARTH STAKE CLAMP SPECIFIC TO EARTH ROD
EARTH LABEL	'DO NOT DISCONNECT' EARTH TAG
MAINS BOX - SINGLE PHASE	SICAME MAINS BOX MCB1-2HAE OR APPROVED EQUIVALENT
MAINS BOX BRACKET	U SHAPE - SINGLE PHASE (TIMBER POLE MOUNT)
Ø40 MD CONDUIT	3 X Ø40 MEDIUM DUTY (MD) CONDUIT FROM MAINS BOX TO BOTTOM OF SWITCHBOARD ENTRY.
40mm DOUBLE SADDLES - GALVANISED	CLIPSAL 173HDGM SADDLE DOUBLE SIDED 40mm HEAVY DUTY GALVANISED OR APPROVED EQUIVALENT.
SURFACE MOUNT CABLE COVER	B&R 100mm x 1200mm SURFACE MOUNTED HAT SECTION (TIMBER POLE MOUNTING) OR APPROVED EQUIVALENT
GALVANISED PUNCHED STRAPPING	ABEY 30mm x 1mm GALVANISED PUNCHED STRAPPING (TO BRACE SWITCHBOARD TO TIMBER POLE) OR APPROVED EQUIVALENT

NOTES:

- ELECTRICAL INSTALLATION SHALL COMPLY WITH AS/NZS3000 (WIRING RULES).
- TYPE 4 ELECTRICAL PIT WITH CONCRETE LID TO BE INSTALLED AT THE BASE OF THE SWITCHBOARD. FOR TYPE 4 ELECTRICAL PIT REFER TO BSD-1011 & BSD-1012. PIT LID TO BE LOAD RATED TO MINIMUM CLASS 'B' TO AS3996.
- ALL CONDUITS SHALL BE FIXED VIA DOUBLE SADDLES.
- THE ELECTRICAL CONDUITS SHALL BE MECHANICALLY PROTECTED BY A HOT DIP GALVANISED SURFACE MOUNT CABLE COVER (HAT SECTION) TO PREVENT DAMAGE TO ELECTRICAL CONDUITS FROM MECHANICAL EQUIPMENT E.G. MOWERS, WHIPPER SNIPPERS ETC...
- SWITCHBOARD SHALL BE STRAPPED AT TOP AND BOTTOM TO THE POLE VIA GALVANISED PUNCHED STRAPPING PURCHASED FROM ELECTRICAL WHOLESALER.
- SEAL END OF CONDUITS WITH SILICON OR SIMILAR SUITABLE SEALANT TO PREVENT INGRESS OF VERMIN.
- SEAL EXTERNAL BASE OF STEEL POLES WITH MORTAR OR SIMILAR SUITABLE MATERIAL TO PREVENT INGRESS OF VERMIN. NON-SHRINK GROUT PLACED FLUSH WITH THE UNDERSIDE OF THE BASE PLATE & TAPER AWAY FROM POLE AT APPROXIMATELY 45°. A MINIMUM 12mm WEEP HOLE IS RECOMMENDED TO ALLOW FOR DRAINAGE OF CONDENSATION FROM INSIDE POLE.
- ALL DIMENSIONS IN SHOWN ARE INDICATIVE ONLY.
- FOR TRENCH DEPTHS/TRENCHING REQUIREMENTS REFER TO BSD-4015 AND S145 INSTALLATION AND MAINTENANCE OF UTILITY SERVICES.
- ALL FIXINGS AND SUPPORTS TO BE GALVANIZED.

THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHALL BE ASSESSED AND ACCEPTED BY A SUITABLY QUALIFIED REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).

**MSB SWITCHBOARD & ELECTRICAL
PIT/CONDUIT DETAIL**
SCALE: NTS

	BRISBANE CITY COUNCIL STANDARD DRAWING		PUBLISH DATE March 2021
	PARKS MAIN SWITCHBOARD OVERHEAD SUPPLY - INSTALLATION SHEET 4 OF 4		SCALE NOT TO SCALE
			DRAWING NUMBER BSD-11101
	ORIGINAL SIZE A3	REVISION A	