

ELECTRICAL		
DESCRIPTION	SYMBOL	REMARKS
PITS		No. 2 RECTANGULAR No. 3 RECTANGULAR No. 4 RECTANGULAR No. 7 RECTANGULAR No. 8 RECTANGULAR No. 9 RECTANGULAR CIRCULAR CIRCULAR WITH SQUARE LID PIT STATION NUMBER LINE THICKNESS: PROPOSED: 0.7mm EXISTING: 0.35mm
POLES		POLE - LOW VOLTAGE (LV) OR ROAD LIGHTING POLE POWER POLE - HV/LV (HIGH VOLTAGE/LOW VOLTAGE) POWER POLE - HIGH VOLTAGE (HV) SOLAR POLE
PHOTOELECTRIC CELL MAIN SWITCH COMBINATION FUSE SWITCH CONTACTOR EARTH STATION NUMBER LV UNDERGROUND TERMINATION/SLUGT PILLAR MOUNTED SWITCHBOARD POST MOUNTED SWITCHBOARD EXISTING SWITCHBOARD PROPOSED SWITCHBOARD PROPOSED ELECTRICITY AUTHORITY SERVICE PILLAR EXISTING ELECTRICITY AUTHORITY SERVICE PILLAR TRANSFORMER		
OVERHEAD LINES	(-)kV LV LV ABC SL SERVICE Al Cu	HIGH VOLTAGE LOW VOLTAGE LOW VOLTAGE AERIAL BUNDLE CABLE STREET LIGHT CUSTOMER SERVICE ALUMINIUM (CONDUCTOR TYPE) COPPER (CONDUCTOR TYPE) CONDUCTOR VOLTAGE AND TYPE TO BE SHOWN ABOVE LINE (SEE EXAMPLE) EXAMPLE:  11kV (Al) LV (Cu)
MAINS (PLAN VIEW)		EXISTING OVERHEAD MAINS PROPOSED OVERHEAD MAINS EXISTING UNDERGROUND MAINS PROPOSED UNDERGROUND MAINS LINE THICKNESS: PROPOSED: 0.7mm EXISTING: 0.35mm
MAINS (SECTION)		EXISTING UNDERGROUND CABLE PROPOSED UNDERGROUND CABLE
UNDERGROUND CONDUIT (SECTION)		E - ELECTRICAL (ORANGE), C - COMMUNICATIONS (WHITE) ARROW DENOTES DIRECTION OF VIEW FOR CONDUIT CROSS-SECTION SHOW INDIVIDUAL CIRCLE FOR EACH CONDUIT IN TRENCH
PROPOSED CABLE TO BE LAID IN CONDUIT (SECTION)		EXAMPLE: 1 x 4 CORE 16mm <sup>2</sup> COPPER STREET LIGHTING CABLE PLUS 16mm <sup>2</sup> EARTH CABLE IN CONDUIT $16Cu4CSL + 16CuE$
EXISTING CABLE TO BE LAID IN CONDUIT (SECTION)		$16Cu4CSL + 16CuE$

STREET LIGHTING		
DESCRIPTION	SYMBOL	REMARKS
LIGHT EMITTING DIODE (LED) LUMINAIRE PEDESTRIAN CROSSING LED FLOODLIGHT FLUORESCENT 18W FLUORESCENT 36W FLUORESCENT 2 x 24W FLUORESCENT 2 x 14W COMPACT FLUORESCENT 26W COMPACT FLUORESCENT 32W COMPACT FLUORESCENT 42W HIGH PRESSURE SODIUM 50W HIGH PRESSURE SODIUM 70W HIGH PRESSURE SODIUM 100W HIGH PRESSURE SODIUM 150W HIGH PRESSURE SODIUM 250W HIGH PRESSURE SODIUM 400W MERCURY VAPOUR 50W MERCURY VAPOUR 80W MERCURY VAPOUR 125W MERCURY VAPOUR 250W MERCURY VAPOUR 400W METAL HALLIDE 35W METAL HALLIDE 50W METAL HALLIDE 70W METAL HALLIDE 100W METAL HALLIDE 150W METAL HALLIDE 250W METAL HALLIDE 400W PEDESTRIAN CROSSING 250W FLOODLIGHT PEDESTRIAN CROSSING 400W FLOODLIGHT		LUMINAIRE AND WATTAGE WITH WATTAGE, ARROW DENOTES FLOODLIGHT AIMING POINT LINE THICKNESS: PROPOSED: 0.7mm EXISTING: 0.35mm ARROW DENOTES FLOODLIGHT AIMING POINT ARROW DENOTES FLOODLIGHT AIMING POINT
EQUIPMENT TO BE INSTALLED		EXAMPLE: 100W LED LUMINAIRE TO BE INSTALLED (OUTLINE CIRCLE: 0.75mm THICK)
EQUIPMENT TO BE REMOVED		EXAMPLE: 75W HPS LUMINAIRE TO BE REMOVED (CROSS-OUT: 0.75mm THICK)
AEROSCREEN LUMINAIRE		EXAMPLE: 100W AEROSCREEN LED LUMINAIRE
HIGHMAST LUMINAIRE		ARROW DENOTES AZIMUTH OF OUTREACH EXAMPLE: INSTALL 3 x 100W HIGHMAST LED LUMINAIRE

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		PUBLISH DATE JUN 2023
	<b>DRAWING SYMBOLS</b> <b>PUBLIC UTILITIES ELECTRICAL</b> <b>AND LIGHTING - SHEET 2 OF 2</b>		SCALE NOT TO SCALE
			DRAWING NUMBER BSD-1002
	ORIGINAL SIZE A3	REVISION C	