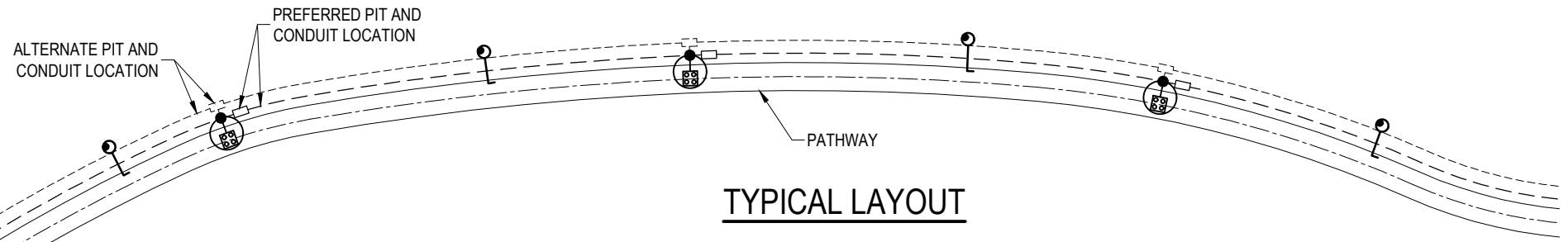


TABLE 1 - POLE OFFSETS

PATH WIDTH	POLE OFFSET
≤2000	2500 FROM PATH CENTRELINE
>2000, ≤2500	2250 FROM PATH CENTRELINE
>2500, ≤3000	2000 FROM PATH CENTRELINE
>3000	MIN 500 FROM EDGE OF PATH

TYPICAL LAYOUT LEGEND:

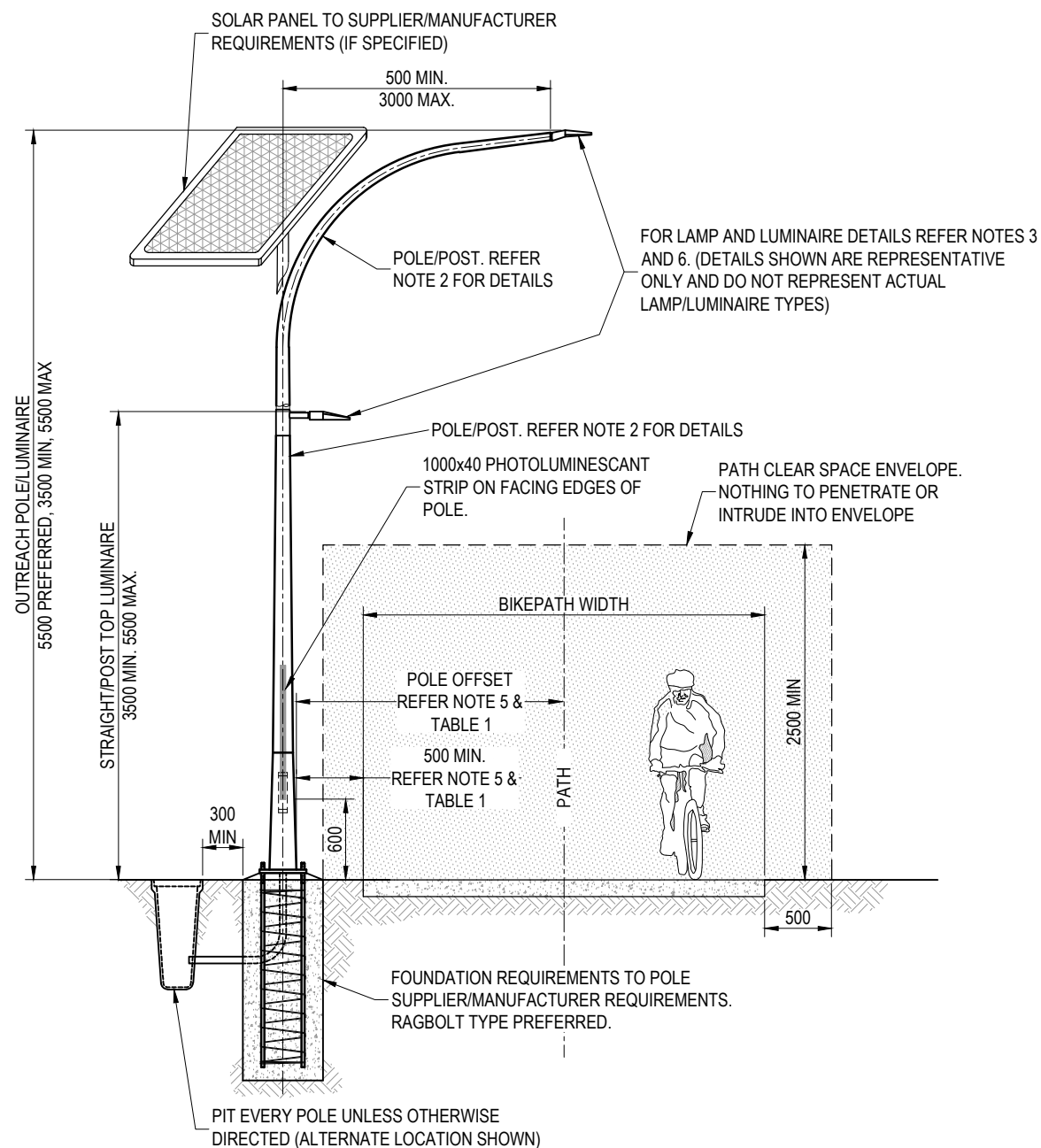
- PROPOSED PIT
- ⊙ PROPOSED LIGHT (LED SHOWN)
- LV POLE OR SL POLE
- PROPOSED UNDERGROUND CONDUIT
- ⊗ PROPOSED UNDERGROUND CABLE
- CONDUIT ARRANGEMENT



TYPICAL LAYOUT


NOTES:

- POWER SUPPLY:** POWER SUPPLY TO BE EITHER MAINS OR SOLAR. WHERE MAINS POWERED, UNMETERED NETWORK PUBLIC LIGHTING (NPL) 3 TARIFF IS PREFERRED. HOWEVER, IF POWER REQUIRED FOR OTHER USES (e.g. PARK LIGHTING, BBQ), SUPPLY MUST BE METERED. WHERE SOLAR POWER SUPPLY USED, SUPPLY TO HAVE SUFFICIENT BATTERY STORAGE TO ENSURE LIGHTING OPERATES AT SPECIFIED LEVEL FOR PRESCRIBED HOURS OF OPERATION (FIT FOR PURPOSE).
- POLE DETAILS:**
 - OUTREACH STYLE: HEIGHT - 5500 PREFERRED, 3500 MINIMUM, 5500 MAXIMUM
OUTREACH - 500 MINIMUM, 3000 MAXIMUM
 - POST/STRAIGHT STYLE: HEIGHT - 3200 MINIMUM, 5500 MAXIMUM
 - POLE TO MINIMUM HOT DIPPED GALVANISED STEEL, GALVANISING TO AS/NZS4680.
 - POLES TO BE POWDERCOATED TO PREFERRED COLOUR BCC BLACK (AS2700 EQUIVALENT N61 BLACK) OR TO MATCH EXISTING INFRASTRUCTURE. ALTERNATE COLOUR IF DIRECTED TO BE BCC GREEN 1 (AS 2700 EQUIV. G12 HOLLY). COLOURS AS PER BRISBANE CITY COUNCIL CORPORATE COLOUR PALETTE - REFER BSD-1003.
- LAMP DETAIL:**
 - PREFERRED TYPE/WATTAGE (UNLESS OTHERWISE APPROVED BY COUNCIL)
 - LED (LIGHT EMITTING DIODE) <40W.
 - ALTERNATIVE TYPE/WATTAGE (REQUIRES APPROVAL BY COUNCIL)
 - METAL HALIDE 35W-70W.
 - HIGH PRESSURE SODIUM 70W.
- POLE SPACING:** TO COMPLY WITH SCHEDULE 6 PLANNING SCHEME POLICIES (PSP), INFRASTRUCTURE DESIGN PSP, CHAPTER 4 PATHWAY DESIGN OUTSIDE THE ROAD CORRIDOR, SECTION 4.3.6 PATHWAY LIGHTING. CATEGORY WILL VARY DEPENDING ON INDIVIDUAL SITE REQUIREMENTS.
- POLE OFFSET:** REFER TABLE 1 FOR POLE OFFSETS FOR DIFFERENT WIDTH PATHS. OFFSETS VARY FOR <3000 WIDE PATHS TO ALLOW FOR FUTURE WIDENING OF PATH. WHERE PRACTICAL, INSTALL POLES ON SIDE OF PATH WHERE EXPANSION NOT LIKELY TO BE POSSIBLE. LIGHTING POLES TO BE OFFSET MINIMUM 500 FROM EDGE OF PATH (REGARDLESS OF PATH WIDTH).
- LUMINAIRE:** TO COMPLY WITH UPWARD WASTE LIGHT AS PER AS/NZS1158.3.1 (TABLE 3.10). CONSIDERATION NEEDS TO BE GIVEN FOR SPILL LIGHT IN ENVIRONMENTALLY SENSITIVE AREAS.
- POST TOP IF DIRECTED OR IN SPECIAL PRECINCT AREA TO BE EARTHED BY WIRE
- MOUNT TYPE:** RAGBOLT ASSEMBLY WITH STANDARD POLE BASEPLATE
- RETICULATION:** PITS TO BE INSTALLED IN 'DAISY CHAIN' SEQUENCE AT EVERY POLE UNLESS DIRECTED OTHERWISE.
- SWITCHBOARD TO BE INSTALLED/MOUNTED EXTERNAL TO POLE OR WITHIN POLE BASE.
- CONDUIT TO MINIMUM 50mm.
- ALL ELECTRICAL COMPONENTS AND INSTALLATION TO COMPLY WITH AS/NZS3000.
- POLE NUMBER TO CLEARLY VISIBLE FROM PATH.
- PLANS TO SHOW FOLLOWING TABULATED INFORMATION:
 - STREET LIGHTING SCHEDULE
 - UNDERGROUND CIVIL WORKS SCHEDULE
 - STREET LIGHT CABLE SCHEDULE
 - CIRCUIT SCHEDULE
 - MAJOR MATERIAL ITEMS/MATERIAL SUMMARY LIST
 - COMPLIANCE DOCUMENTATION AS PER AS/NZS1158.3.1 APPENDIX 'C'.
- REFER TO THE INFRASTRUCTURE INSTALLATION AND CONSTRUCTION REQUIREMENTS MANUAL (IICRM) FOR DESIGN AND AS-CONSTRUCTED REQUIREMENTS.
- ALL DIMENSIONS IN MILLIMETRES (U.N.O.).



TYPICAL CROSS SECTION

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).

	BRISBANE CITY COUNCIL STANDARD DRAWING		PUBLISH DATE	NAR 2021
	TYPICAL REQUIREMENTS FOR LIGHTING OF OFF-ROAD SHARED & BICYCLE PATHS		SCALE	NOT TO SCALE
			DRAWING NUMBER	BSD-11031
	ORIGINAL SIZE	A3	REVISION	D