

TYPICAL LAYOUT

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

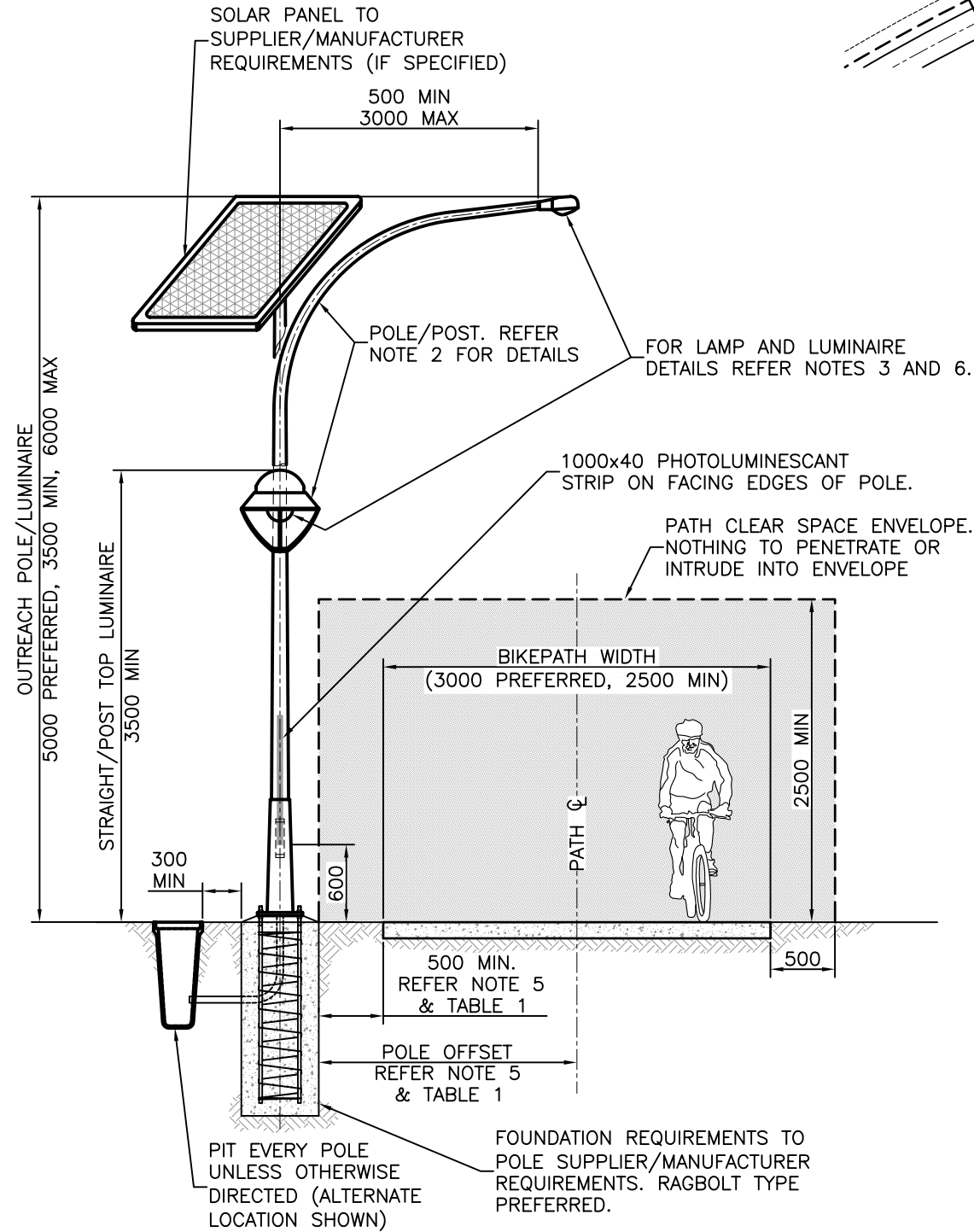
TYPICAL LAYOUT LEGEND:

- ☐ PROPOSED PIT
- ⊕ PROPOSED STREETLIGHT (MH70 (METAL HALIDE) SHOWN)
- LV POLE OR SL POLE
- PROPOSED UNDERGROUND CONDUIT

**TABLE 1
POLE OFFSETS**

NOTES:

- POWER SUPPLY:** POWER SUPPLY TO BE EITHER MAINS OR SOLAR. REFER BCC POLICY AT03 SHARED PATHWAY LIGHTING – INSTALLATION GUIDE FOR SITE PREFERENCE. WHERE MAINS POWERED, LIGHTING TO BE ENERGEX RATE 3 TARIFF PREFERRED, HOWEVER MAY BE UNMETERED. IF POWER REQUIRED FOR OTHER USES (EG. PARK LIGHTING), SUPPLY MAY 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 – 5000 PREFERRED, 3500 MINIMUM, 6000 MAXIMUM
OUTREACH – 500 MINIMUM, 3000 MAXIMUM
POST/STRAIGHT STYLE: HEIGHT – 3200 MINIMUM
POLE TO MINIMUM HOT DIPPED GALVANISED STEEL, GALVANISING TO AS/NZS 4680.
POLES TO BE POWDERCOATED TO PREFERRED COLOUR BCC BLACK (AS 2700 EQUIV. 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 UMS 113
- LAMP DETAILS:** TYPE/WATTAGE: METAL HALIDE/35W–70W
HIGH PRESSURE SODIUM/70W
T5 FLUORESCENT (LINEAR) LAMP RANGE/2X14W AND 2X24W
CFL (COMPACT FLUORESCENT LAMPS) LAMP RANGE/26W–42W
HIGH PRESSURE MERCURY VAPOUR/50W–80W
- POLE SPACING:** CFL 26W AND 42W TO BE DIRECT REPLACEMENT/ALTERNATIVE TO MERCURY VAPOUR 50W AND 80W RESPECTIVELY. TO COMPLY WITH BCC POLICY AT03 SHARED PATHWAY LIGHTING – INSTALLATION GUIDE. 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.
- LUMINAIRE:** LIGHTING POLES TO BE OFFSET MINIMUM 500 FROM EDGE OF PATH (REGARDLESS OF PATH WIDTH). SEMI CUT OFF OR CUT OFF IN 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 – INSTALL PITS IF DIRECTED. 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 40mm.**
- ALL ELECTRICAL COMPONENTS AND INSTALLATION TO COMPLY WITH AS 3000.**
- 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
- ALL DIMENSIONS IN MILLIMETRES (U.N.O.).**



TYPICAL CROSS SECTION

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	ORIGINAL ISSUE	Feb '09	Sept '09	Sept '09

DESIGN AUTHORISED FOR ISSUE P COTTON SIGNATURE ON ORIGINAL DATED 24/09/09	DESIGN	DJL (CAB)	DATE	Feb '09
MANAGER CITY ASSETS, R.P.E.Q. 2546	DRAWN	DJL (CAB)	DATE	Feb '09
DESIGN APPROVED I CONDRI (RPEQ 8951) SIGNATURE ON ORIGINAL DATED 18/09/09	CHECKED	City Assets	DATE	Sept '09
PRINCIPAL ENGINEER STRATEGIC ASSET MANAGEMENT	DRAWING FILENAME	/UMS 259.DWG		
	ASSOCIATED PLANS			



BRISBANE CITY COUNCIL STANDARD DRAWING

TYPICAL REQUIREMENTS FOR LIGHTING OF OFF-ROAD SHARED & BICYCLE PATHS

SCALE: NOT TO SCALE
DWG No. **UMS 259**
ORIGINAL SIZE: A3 REVISION: A