

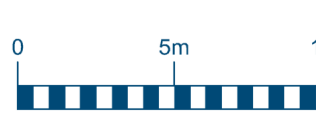


SITE LIGHTING INSTALLATION NOTES

- 1.00 PUBLIC LIGHTING INSTALLATION TO COMPLY WITH DCC PUBLIC LIGHTING SPECIFICATIONS.
- 2.00 ALL CABLEING TO PUBLIC LIGHTING LOCATIONS TO BE WIRED IN BROWN, BLUE & GREEN/YELLOW COLOURED 3 CORE 6mm² CABLES IN PVC CONTAINED IN Ø110mm RED HDPE DUCTS, 5mm THICK, STAMPED "PUBLIC LIGHTING".
- 3.00 ALL IN GROUND HDPE DUCTS TO BE INSTALLED BY THE MAIN CONTRACTOR UNDER THE COORDINATION OF THE ELECTRICAL CONTRACTOR.
- 4.00 THE ELECTRICAL CONTRACTOR SHALL PRIOR TO THE INSTALLATION, VERIFY THE CAPACITY OF THE IN-GROUND DUCT NETWORK TO THE MAIN CONTRACTOR.
- 5.00 SWITCHING OF PUBLIC LIGHTING SHALL BE VIA A 7-PRONG TWIST LOCK NEMA SOCKET WITH A PHOTO-ELECTRONIC SWITCH.
- 6.00 THE PHOTOCELL USED SHALL COMPLY WITH THE LATEST VERSION OF BS5972. THE PHOTOCELL CONTROL, SHALL SWITCH ON/OFF THE LUMINAIRES AT 35/18 LUX RESPECTIVELY.
- 7.00 ALL OUTGOING CIRCUITS FROM MINI PILLARS (NEW OR EXISTING) SHALL BE INDIVIDUALLY FUSED BY MEANS OF A 16 OR 20 AMP HRC C-OUTLET TYPE AND CAPABLE OF ACCOMMODATING CABLE SIZES UP TO 25mm². THESE FUSES SHALL BE RATED 20A MINIMUM RUPURING CAPACITY AND SHALL COMPLY WITH BS88.
- 8.00 ALL PUBLIC LIGHTING COLUMNS ARE SUPPLIED FROM A PUBLIC LIGHTING MINI-SECTION PILLAR, LOCATED ADJACENT TO THE ESB NETWORKS MINI-SECTION PILLAR. NOT MORE THAN 6 COLUMNS SHALL BE SUPPLIED FROM ANY ONE CIRCUIT AND NOT MORE THAN 4 CIRCUITS SHALL BE TAKEN FROM ANY ONE AUXILIARY MINI-SECTION PILLAR.
- 9.00 THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.
- 10.00 THE DEVELOPER SHALL NOTE THAT NO EXISTING PUBLIC LIGHTS CAN BE REMOVED WITHOUT THE PERMISSION AND APPROVAL OF PUBLIC LIGHTING SERVICES.
- 11.00 THE DEVELOPER SHALL CONTACT PUBLIC LIGHTING SERVICES AT LEAST 6 WEEKS IN ADVANCE OF WORKS STARTING ON SITE, TO FIND OUT WHAT IS REQUIRED TO BE DONE TO EXISTING PUBLIC LIGHTING THAT IS WITHIN THE SITE BOUNDARY.
- 12.00 ANY COSTS ASSOCIATED WITH THE RE-ARRANGEMENT OR ALTERATION OF THE EXISTING PUBLIC LIGHTING SHALL BE ENTIRELY AT THE DEVELOPER'S EXPENSE, INCLUDING ESB NETWORK COSTS.
- 13.00 WHERE PUBLIC ROADS ARE TO REMAIN IN USE, THEN THE PUBLIC LIGHTING MUST BE MAINTAINED BY THE DEVELOPER IN AN OPERATING CONDITION THROUGHOUT THE DEVELOPMENT PERIOD.
- 14.00 THE CONTRACTOR SHALL MAKE A FULL TECHNICAL SUBMITTAL TO THE DESIGN TEAM FOR ALL EXTERNAL LIGHTING FOR APPROVAL PRIOR TO ORDERING.
- 15.00 CABLE ENTRY SLOT DEPTH AND DIMENSIONS TO BE AS INDICATED IN THE DCC PUBLIC LIGHTING SPECIFICATION.
- 16.00 ALL PUBLIC LIGHTING LUMINAIRES MUST DIM TO 75% FULL LIGHT OUTPUT BETWEEN 12am AND 6am.

SITE LIGHTING SYMBOLS REFERENCE KEY

- LIGHTING CIRCUIT
- - - Ø110mm PVC DUCTS FOR DCC PUBLIC LIGHTING
- - - Ø110mm PVC DUCTS FOR SITE LIGHTING
- [A] TYPE 'A' MAN-HOLE (600L) x 600(W) x 600mm(D)
- LMP-# PUBLIC LIGHTING MINI-PILLAR
- PL-# PUBLIC LIGHTING COLUMN
- LC GENERAL SITE LIGHTING COLUMN
- X# MULTI HEADED LED LUMINAIRE ON POLE c/w PHOTOCELL
- X# SINGLE HEADED LED LUMINAIRE ON INTEGRATED POLE c/w PHOTOCELL
- X# DOUBLE HEADED LED LUMINAIRE ON INTEGRATED POLE c/w PHOTOCELL
- X# RECESSED CIRCULAR LED LUMINAIRE
- X# RECESSED PROFILE c/w LED STRIP FOR SEAT/BENCH LIGHTING
- X# RECESSED PROFILE c/w LED STRIP FOR STEPRAMP LIGHTING
- X# PROFILE WITH CURVED DIFFUSER c/w LED STRIP FOR FEATURE LIGHTING TO EXISTING WALL



STATUS	DATE	DESCRIPTION	DRN	ENG	APP