



ISSUE	DESCRIPTION	DRN	ORIG	APP	DATE
F	FOR INFORMATION	RT	TMC	TMC	29/07/2022
E	FOR INFORMATION	RT	TMC	TMC	27/07/2022
D	FOR INFORMATION	RT	TMC	TMC	01/07/2022
C	FOR INFORMATION	RT	TMC	TMC	16/06/2022

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CLIENT: **GRAFTON ISSUER DAC**

PROJECT: **CARRICKMINES GREAT SHD**

TITLE: **PUBLIC LIGHTING**

SHEET	SCALE	PROJECT No.	DRAWING No.
A1	1:500	22018	E040

- NOTES**
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
 - FINAL LOCATION OF MINIPILLARS & DUCTS TO BE AGREED WITH ESB SUPERVISOR PRIOR TO INSTALLATION. (LIGHTING PILLARS TO BE CONFIRMED FOLLOWING ESB MINI-PILLAR LOCATIONS CONFIRMATION).
 - PROVIDE FOR ESB METER CABINET, INTERNAL METER & BRACKETS, SURGE PROTECTION & CABLE TO PUMPING STATION CONTROL PANEL.
 - REFER TO ESB PUBLICATION ELECTRICAL SERVICES GUIDE BOOK FOR HOUSING SCHEMES FOR ALL INSTALLATION DETAILS.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE NATIONAL CODE OF PRACTICE FOR CUSTOMER INTERFACE ISSUED BY ESB.
 - THIS PROPOSAL IS SUBJECT TO APPROVAL FROM THE LOCAL AUTHORITY & PLANNING PERMISSION.
 - ALL PUBLIC LIGHTING COLUMNS MUST BE A MINIMUM OF 800mm AWAY FROM THE KERB EDGE.
 - NO TREES TO BE LOCATED WITHIN 7M OF P/L COLUMNS.
 - WHERE ACCESS TO LIGHTING COLUMNS IS OBSTRUCTED A RAISE & LOWER TYPE COLUMN SHOULD BE USED.
 - LED LANTERNS MUST HAVE A CONSTANT LIGHT OUTPUT (CLO) AND ARE AUTOMATICALLY DIMMED TO 75% OUTPUT EACH NIGHT FROM 12AM TO 6AM. ELECTRONIC PHOTOCELLS SWITCHED AT 35/18LUX.
 - THIS IS NOT AN APPROVED PUBLIC LIGHTING DESIGN DRAWING INFORMATION ONLY.
 - RECOMMENDATIONS FROM CONSULTATION WITH BAT SPECIALIST TAKEN INTO ACCOUNT.

- LEGEND**
- COLUMN DETAIL A:**
 - HEIGHT: 5/6m (Refer to lighting report)
 - BRACKET LENGTH: POST-TOP
 - LANTERN TYPE: CU-PHOSCO
 - MAKE & MODEL: E950-28-P4A-727-BB-C0727N-14W
 - COLUMN DETAIL B:**
 - HEIGHT: 4/5m (Refer to lighting report)
 - BRACKET LENGTH: POST-TOP
 - LANTERN TYPE: CU-PHOSCO
 - MAKE & MODEL: E950-28-R3A-727-BB-C0500-14W
 - COLUMN DETAIL C:**
 - HEIGHT: 6m
 - BRACKET LENGTH: POST-TOP
 - LANTERN TYPE: CU-PHOSCO
 - MAKE & MODEL: E950-28-A2A-727-BB-C0850-22W
- R&L = RAISE AND LOWER HINGED COLUMNS
- LIGHTING PILLAR (LOCATION AT LEAST 2 METERS FROM ESB PILLAR)**
 - 2 x 6sq NYCY CABLE LAID IN 100mm PVC DUCT TO ET211-2003. SINGLE WALL DUCTING, COLOUR RED TO BE USED MANUFACTURED FROM HIGH DENSITY POLYETHYLENE (H.D.P.E), 107mm EXTERNAL DIAMETER, HAVING A WALL THICKNESS OF 5mm. THIS DUCTING TO HAVE THE WORDS "STREET LIGHTING" STAMPED ON, IN TRENCH ALL WORKS TO LOCAL AUTHORITY SPECIFICATION. THIS IS A CIRCUIT LAYOUT AND NOT INDICATIVE OF WHERE DUCTS ARE TO BE LAID.**