

THIS DRAWING IS COPYRIGHT © ALL RIGHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE PRIOR WRITTEN PERMISSION FROM MCELLIGOTT CONSULTING ENGINEERS LIMITED.

**NOTES**

01. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
02. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
03. 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).
04. PROVIDE FOR ESB METER CABINET, INTERNAL METER & BRACKETS, SURGE PROTECTION & CABLE TO PUMPING STATION CONTROL PANEL.
05. REFER TO ESB PUBLICATION ELECTRICAL SERVICES GUIDE BOOK FOR HOUSING SCHEMES FOR ALL INSTALLATION DETAILS.
06. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE NATIONAL CODE OF PRACTICE FOR CUSTOMER INTERFACE ISSUED BY ESB.
07. THIS PROPOSAL IS SUBJECT TO APPROVAL FROM THE LOCAL AUTHORITY & PLANNING PERMISSION
08. ALL PUBLIC LIGHTING COLUMNS MUST BE A MINIMUM OF 800mm AWAY FROM THE KERB EDGE.
09. NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ETC THE CALCULATION SHOWN BY THIS DRAWING ASSUMES THAT THE WHOLE AREA BEING CONSIDERED IS IN THE SAME PLANE, I.E. THERE ARE NO CHANGES IN GRADIENT OR ELEVATION.
10. NO TREES TO BE LOCATED WITHIN 1.5 TIMES THE FALLING DISTANCE OF PL COLUMNS
11. WHERE ACCESS TO LIGHTING COLUMNS IS OBSTRUCTED A RAISE & LOWER TYPE COLUMN SHOULD BE USED.
12. 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.
13. THIS IS NOT AN APPROVED PUBLIC LIGHTING DESIGN DRAWING INFORMATION ONLY
14. RAISE & LOWER COLUMNS TO BE USED WHERE ACCESS FOR MAINTENANCE TO COLUMNS IS NOT POSSIBLE.

**NOTES**

- MICRO PILLAR (LOCATION AT LEAST 2 METERS FROM ESB PILLAR)
- ESB MINIPILLAR (TBC BY ESB)
- 2 x 6sq NYCC CABLE LAID IN 100mm PVC DUCT TO ET211:2003 (THIS IS NOT A DUCTING LAYOUT)
- SPARE
- 125MM ESB DUCT FROM ESB MINI-PILLAR TO LIGHTING MICRO-PILLAR.
- COLUMN DETAIL A:**  
HEIGHT :8m  
BRACKET LENGTH :POST-TOP  
INCLINATION :5.INCLINATION  
LANTERN TYPE :73W LED  
MAKE & MODEL :CU-PHOSCO-P863-32-WW-F0750
- COLUMN DETAIL B:**  
HEIGHT :6m  
BRACKET LENGTH :POST-TOP  
INCLINATION :5.INCLINATION  
LANTERN TYPE :25W LED  
MAKE & MODEL :CU-PHOSCO-P852-12-P4-WW-CA0650
- COLUMN DETAIL C:**  
HEIGHT :6m  
BRACKET LENGTH :POST-TOP  
INCLINATION :5.INCLINATION  
LANTERN TYPE :47W LED  
MAKE & MODEL :CU-PHOSCO-P863-16-F2-WW-E0900
- COLUMN DETAIL D:**  
HEIGHT :5m  
BRACKET LENGTH :POST-TOP  
INCLINATION :5.INCLINATION  
LANTERN TYPE :9W LED  
MAKE & MODEL :CU-PHOSCO- P852-12-R3B-WW-CA-0200
- COLUMN DETAIL E:**  
HEIGHT :5m  
BRACKET LENGTH :POST-TOP  
LANTERN TYPE :11W LED  
MAKE & MODEL :CU-PHOSCO- P852-12-R3B-WW-CA-0250
- COLUMN DETAIL F:**  
HEIGHT :8/6m  
BRACKET LENGTH :POST-TOP  
LANTERN TYPE :52W LED  
MAKE & MODEL :CU-PHOSCO- P863-16-C1-WW-CA-1000

THIS IS NOT AN APPROVED LIGHTING DESIGN DRAWING. INFORMATION ONLY

ADDITIONAL APARTMENTS SUBJECT TO FUTURE PLANNING

C	ISSUED FOR INFORMATION	RT	TMC	RMC	23-02-2022
B	ISSUED FOR INFORMATION	RT	TMC	RMC	13-01-2022
A	ISSUED FOR INFORMATION	RT	TMC	RMC	27/10/2021
ISSUE	DESCRIPTION	DRN	ORIG	APP	DATE

McElligott

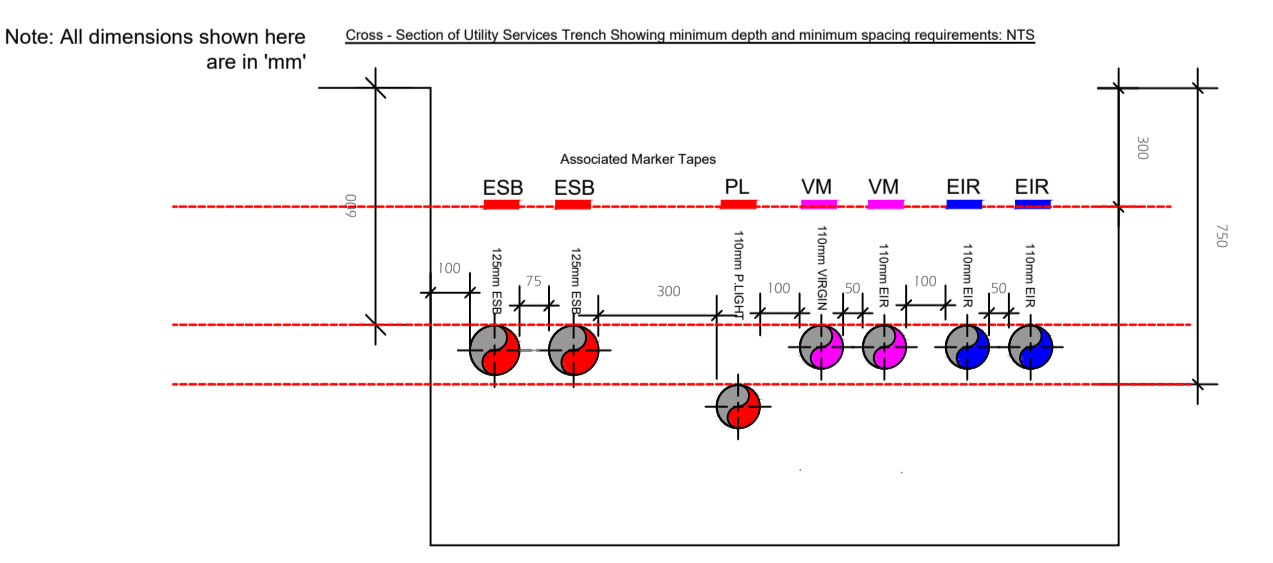
**CONSULTING ENGINEERS**  
H2a Centrepoint Business Park, Oak Road, Dublin 12  
tel: +353 (0)1 424 3014 email: info@mcelligott.ie web: www.mcelligott.ie

**CLIENT**  
COSGRAVE PROPERTY GROUP

**PROJECT**  
FASSAROE PHASE 1 DEVELOPMENT

**TITLE**  
PUBLIC LIGHTING LAYOUT

<b>SHEET</b> A1	<b>SCALE</b> 1:500	<b>PROJECT No.</b> 21053	<b>DRAWING No.</b> E065
--------------------	-----------------------	-----------------------------	----------------------------



- NOTE:**
- ESB DUCTING IN ROADWAY IS SUBJECT TO APPROVAL FROM ESB REPRESENTATIVE. ESB DUCTING SHOULD ALWAYS BE IN FOOTPATH, WHERE POSSIBLE.
  - UTILITY PROVIDERS TO CONFIRM QUANTITY OF DUCTS REQUIRED.

LOCATION OF EXISTING ROUNDABOUT SHOWN DASHED FOR REFERENCE. FOR FURTHER DETAILS ON ROADS RECONFIGURATION REFER TO CIVIL DRAWINGS