


THIS IS NOT AN APPROVED
LIGHTING DESIGN DRAWING.
INFORMATION ONLY


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


- 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 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.
- NO TREES TO BE LOCATED WITHIN 1.5 TIMES THE FALLING DISTANCE 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
- 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 NYCY CABLE LAID IN 100mm PVC DUCT TO ET211:2003 (THIS IS NOT A DUCTING LAYOUT)

 PL 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

INCLINATION :11W LED

MAKE & MODEL :CU-PHOSCO- P852-12-R3B-WW-CA-0250

 COLUMN DETAIL F:

HEIGHT :8/6m

BRACKET LENGTH :POST-TOP

INCLINATION :52W LED

MAKE & MODEL :CU-PHOSCO- P863-16-C1-WW-CA-1000

B	ISSUED FOR INFORMATION	RT	TMC	RMC	23-02-2022
A	ISSUED FOR INFORMATION	RT	TMC	RMC	15-02-2022
ISSUE	DESCRIPTION	DRN	ORIG	APP	DATE

McElligott

CONSULTING ENGINEERS

H2a Centrepont 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

SHEET	SCALE	PROJECT No.	DRAWING No.
A1	1:500	21053	E068