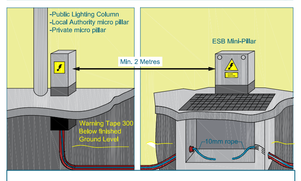
Veelite Metro Streetlight
By Electrical Contractor

PUBLIC LIGHTING

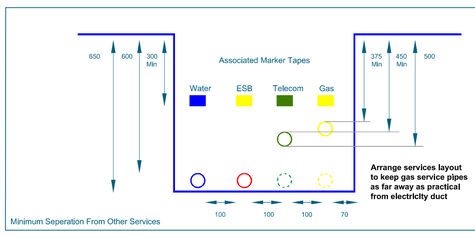


Notes:

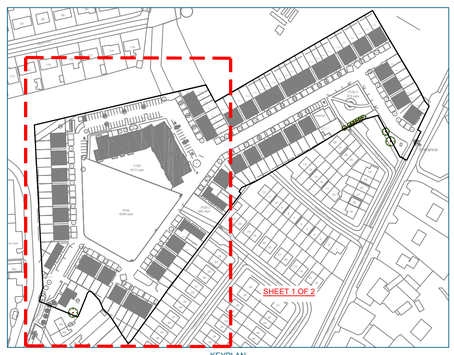
Excerpt from the Guidebook for housing schemes. Refer to complete document for all details required

All ESB infrastructure is to be installed in accordance with ESB publication " Guidebook for housing schemes"

Cross-Section of Utility Services Trench within House owners Property showing minimum depth and minimum spacing requirements



Minimum Seperation From Other Services



KEYPLAN

Luminaire A Data

Type	Veelite Metro Streetlight 19W LED Street Optic R03
Lamp(s)	8LED 3000K G4
Lamp Flux (klm)	2.25
File Name	5MTA08LGA-R03.ies
Maintenance Factor	0.80
Imax 70,80,90(cd/klm)	537.8 56.5 0.3
No. in project	31

Luminaire B Data

Type	Veelite Metro Streetlight 19W LED Forward Throw A Optic
Lamp(s)	8LED 3000K G4
Lamp Flux (klm)	2.24
File Name	5MTA08LGA-FTA.ies
Maintenance Factor	0.80
Imax 70,80,90(cd/klm)	401.3 47.0 0.5
No. in project	16

Luminaire C Data

Type	Veelite Metro Streetlight 36W LED Street Optic R03
Lamp(s)	16LED 3000K G4
Lamp Flux (klm)	4.61
File Name	5MTA12LGA-R03-3K.ies
Maintenance Factor	0.80
Imax 70,80,90(cd/klm)	537.8 56.5 0.3
No. in project	2

Calculation Summary

Description	Eav	Emax	Emin	Emin/Eav	Emin/Emax	Emax/Eav
Road & Paths	5.73	18.18	1.12	0.20	0.06	3.17
Tyrell's Road	9.38	18.83	3.73	0.40	0.20	2.01

Notes:
1. Do **NOT** scale from this drawing.
2. The actual results achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, equipment tolerances, obstructions including poles, brackets and mounting arms, reflectances etc.
3. This design is based on a preliminary assessment only and will be developed during the detailed design stage.

Legend

Symbol	Description
	Luminaire A Column
	Luminaire B Column
	Luminaire C Column
o	Beam Aiming Target
□	Photometric Centre

P6	Planning Issue	04.09.23	RK
P5	Planning Issue	24.04.23	RK
P4	Issued for Planning	31.03.23	RK
P3	Issued for Planning	02.02.23	RK
P2	Preliminary Issue	25.01.23	RK
P1	Preliminary Issue	05.01.23	RK
Rev	Description	Date	Ckd

COFFEY CONSULTING ENGINEERING
Coffey Consulting Engineering
Block A, Marlinstown Business Park, Mullingar, Co. Westmeath N91 WDVN Ireland
+353(0)449310255
info@ccengineering.ie
www.ccengineering.ie

Client: John Flanagan Developments

Site: Wellwood Tullamore

Title: Reality Lighting Contours Layout
Sheet 1 of 2

Job no: 5251-CCE-XXXX-XX-DR-E01-000120

Approved: BC Checked: RK Drawn: IV
Scale: 1:250
Size: A0

COPYRIGHT- ©2023 Coffey Engineering Consultants
No part of this document may be re-produced or transmitted in any form or stored in any retrieval system of any nature without the written permission of the Consultant as copyright holder except as agreed for use on the project for which the document was originally written.