

SECTION OF
DARE COUNTY
IS SUBJECT TO
ON TO KILDARE
NTY COUNCIL

1.0 lux
3.0 lux
5.0 lux

Notes:
All LED lanterns must have Constant Light Output (C.L.O.)
Automatically dimmed to 75% each night from 12 midnight to 6am.
All lanterns to have 7pin NEMA sockets fitted.
Electronic Photocells switched at 35/18lux
All columns, luminaires, cable and pillars, shall comply with Local Authority
General Specification for Public Lighting.
No trees to be located within falling distance of PL columns.
Minimum set-back of columns is 800mm from face of kerb.
Public lighting cable chamber as per Local
Authority PL Dept. specification.

North

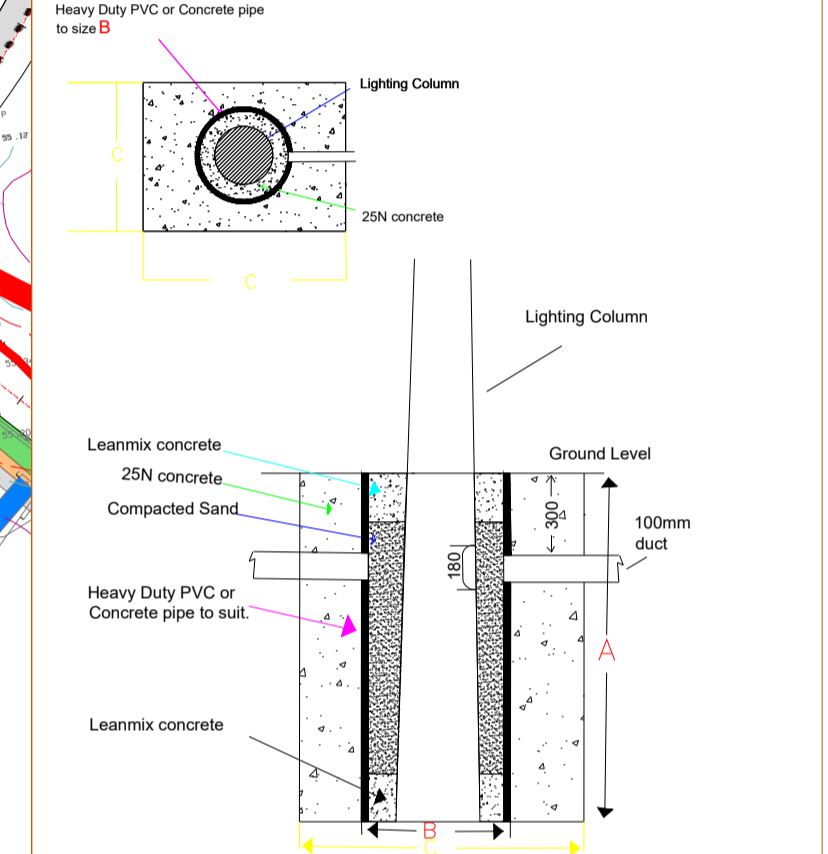
Luminaire J Existing HID luminaire estimated as 150 Watt HPS
10m Mounting height.

- Luminaire A P863-128-R2E-730-W3-425-55W
8m Mounting height. Qty 23
- Luminaire B E950-28-P4A-730-C550-14W
6m Mounting height. Qty 81
- Luminaire C E950-28-P4A-730-C250-8W
5m Mounting height Raise & Lower. Qty 23
- Luminaire D E950-28-F2A-730-C600-16W
6m Mounting height. Qty 15
- Luminaire E P862-256-R2E-730-W3-425-107W
10m Mounting height. Qty 10
- Luminaire F P863-128-R4-730-W3-300-40W
8m Mounting height. Qty 24
- Luminaire G P862-256-R2E-730-W3-300-76W
10m Mounting height. Qty 5
- Luminaire H P863-128-F2B-730-W3-300-40W
8m Mounting height. Qty 1
- Luminaire I E950-28-P4A-822-BB-A0500-13W
5m Mounting height Raise & Lower. Qty 46

23kV NYC cable laid in ducting to ETCI ET101
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 "Steel Lighting" stamped on
either side every 1m intervals. The lettering to face upmost
in the trench. All works to Local Authority specification.
This is a circuit layout and not indicative of where ducts are to be laid.
Public Lighting Pillar (located at least 2m from ESB pillar)

Typical Base detail, to be checked
by site engineers.

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	1.9m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH	0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH				
COLUMN DOOR HEIGHT	1.5m	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE (mm) internal	450	400	400	300
EXCAVATION (width x length)	1000	800	600	400



NOTES

Sabre LIGHTING DESIGN DEPT.
THIS DRAWING IS THE INTELLECTUAL PROPERTY OF
AND IS COPYRIGHT © AND CAN NOT BE USED WITHOUT PRIOR CONSENT.

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.

This drawing layout is based on calculated lighting levels, produced by Sabre Electrical Services Ltd., using lighting
Really software. Any alterations to the layout or luminaire type used for the lighting design calculations, will require a
revised lighting design to be carried out. A redesign may require approval from the Local Authority Public Lighting
Dept. prior to any alterations/modifications being implemented on site.

Sabre
ELECTRICAL SERVICES LTD.
Specialist Contractors
PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

UNIT 11, BELLVUE INDUSTRIAL ESTATE, FINGLAS, DUBLIN 11.
E-MAIL: graham@sabrelighting.ie PH: 01-811 0875

-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
B	Updated boundary line and existing luminaires HPS added	AN	CHK	17-08-22
A	Updated site layout	AN	CHK	15-08-22
REV	DESCRIPTION	INTS	CHK'D	DATE

CLIENT/CUSTOMER
Sky Castle Ltd.

PROJECT
Site C - Strategic Housing Development

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:1000 @A1	DATE 27-01-22
DRAWING NUMBER SES 01222 Sheet 1	ISSUE 3	
BASE DRAWING NUMBER 21006 PHASE 1A RESIDENTIAL_SITE_PLAN_040822_adjusted redline.dwg		
DRAWING ORIGIN		

DO NOT SCALE FROM THIS DRAWING