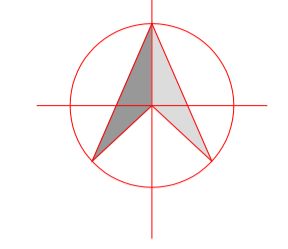


- 0.25 lux
- 0.5 lux
- 1.0 lux
- 3.0 lux
- 5.0 lux

NORTH



Notes:
 All LED luminaires must have Constant Light Output (C.L.O.)
 Automatically dimmed to 75% each night from 12 midnight to 6am.
 (L14 Profile)
 All luminaires to have 7pin NEMA sockets fitted.
 Electronic Photocontrols 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.

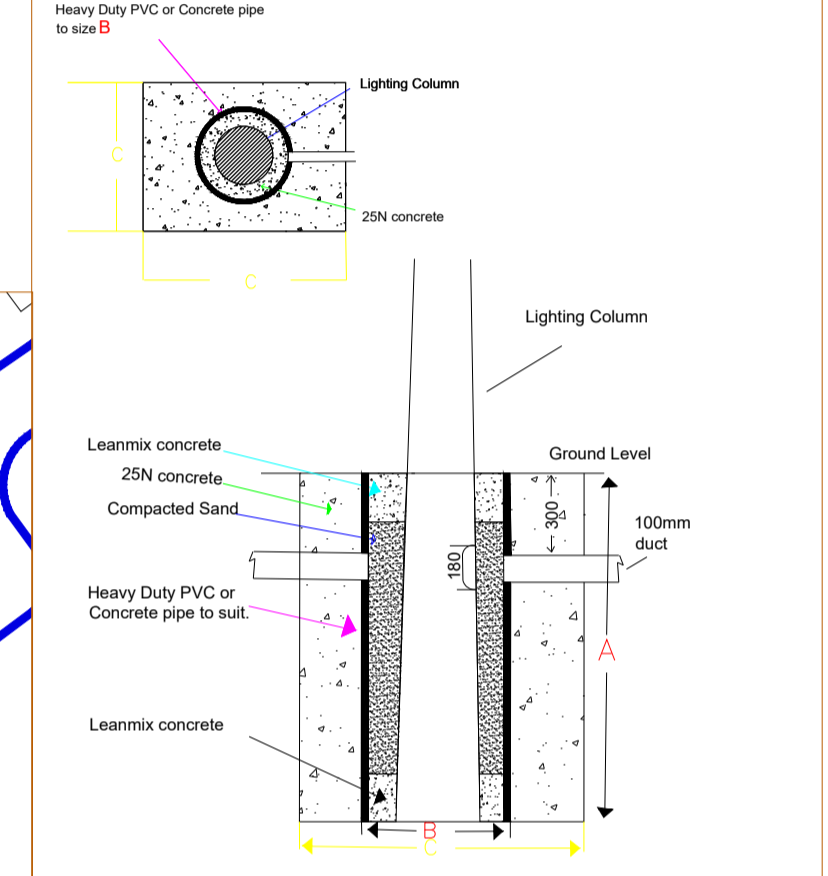
- Luminaire G BGP701 DX10 BL1 3.0klm 722
6m mounting height.
- Luminaire H BGP701DM10 BL1 722 1.2klm
6m mounting height. Qty 2.
- Luminaire H BGP701DM10 BL1 722 1.2klm
6m mounting height. Qty 1 (2 luminaires)
Twin 0.3m stub bracket with arms @180° to each other.

- Luminaire A BGP701 DX10 BL1 730
Existing LED luminaire location as per phase 1
- Luminaire B BGP701 DW50 BL1 4.0klm 722
Qty 7 @ 6m mounting height.
Qty 1 @ 5m mounting height (raise & lower type).
- Luminaire C BGP701 DM12 BL1 2.6klm 722
Qty 8 @ 6m mounting height.
- Luminaire D BGP701 DRXN0 0.8klm 722
Qty 13 @ 5m mounting height, raise & lower type.
- Luminaire E Chelsea SCL 12-300mA 722 Dimmed 50%
Qty 2 @ 5m mounting height, raise & lower type.
- Luminaire F ALINEA Handrail 5117 - 3 LED 350mA WW
Qty 4 modules of LED handrail.

2Xklm NYC cable laid in ducting to I.S.10101:2020.
 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
 outer size lines at 1m intervals. The lettering to face uppermost
 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
 THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT.
 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.



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

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 BELLVUE INDUSTRIAL ESTATE,
 FINGLAS,
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-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
D	Revised site layout.	AN	CHK	01-11-24
C	Red Boundary Line Updated.	AN	CHK	25-10-24
B	Updated landscape layout	AN	CHK	05-09-24
A	Client name updated	GS	CHK	-----
REV	DESCRIPTION	INTS	CHK'D	DATE

CLIENT/CUSTOMER
Knockrabo Investments DAC

PROJECT
Knockrabo Phase 2

TITLE
Public Lighting Layout

DRAWN A.N	SCALE 1:500@A1	DATE 07-06-24
DRAWING NUMBER SES 10024	ISSUE 5	

BASE DRAWING NUMBER
 DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING