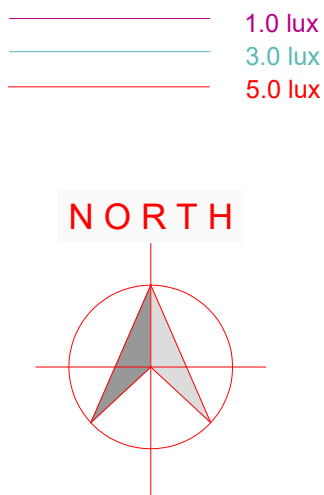




- Luminaire F E950-28-F2A-730-B2-C0600-15W
6m Column. Qty 5
- Luminaire G E950-28-P4A-730-B2-C0250-7W
6m Column. Qty 2
- Luminaire H E950-28-P4A-730-FB-C0600-15W
6m Column. Qty 5

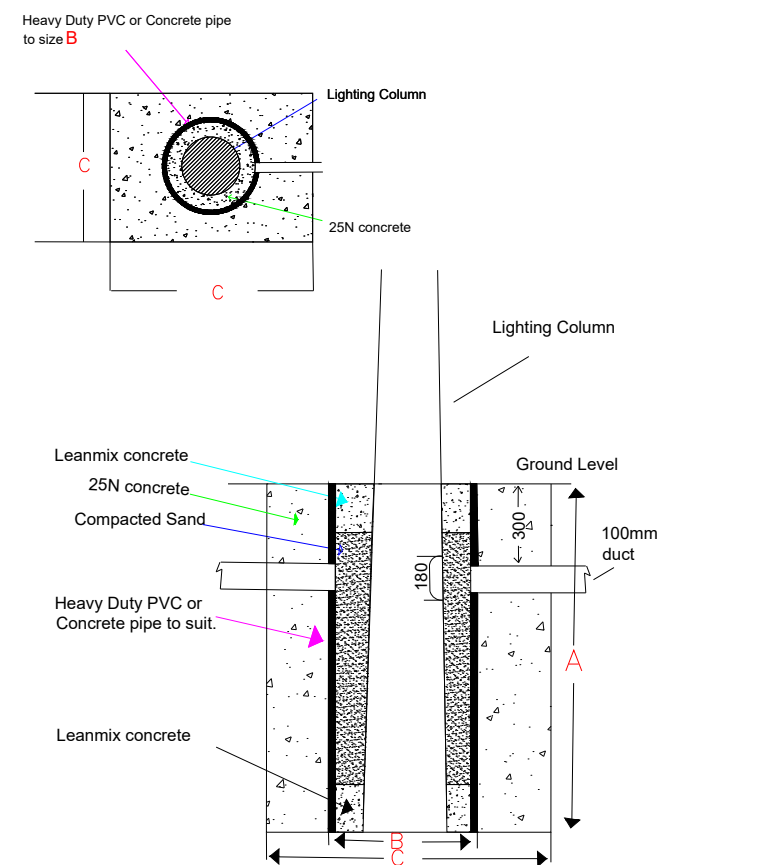
Notes:
All LED lanterns must have Constant Light Output (CLO).
Automatically dimmed to 75% each night from 12 midnight to 6am.
(L14 Profile)
All lanterns to have 7pin NEMA sockets fitted.
Electronic Photocontrols switched at 35/18lux
All columns, lanterns, cable and pillars, shall comply with Local Authority
General Specification for Public Lighting.
No trees to be located within falling distance of P.L. columns.
Minimum set-back of columns is 800mm from face of kerb.
Public lighting cable chamber as per Local
Authority P.L. Dept. specification.

- Luminaire A P863-128-R2E-730-W3-550-71W
10m Column. Qty 3
- Luminaire B P863-128-R2E-730-W3-350-46W
8m Column. Qty 27
- Luminaire C E950-28-L33-730-C0600-15W
6m Column. Qty 6
- Luminaire D E950-28-P4A-730-B2-C0300-8W
5m Raise & Lower Column. Qty 36
- Luminaire D E950-28-P4A-730-B2-C0300-8W
5m Raise & Lower Column. Qty 1 (2 luminaires)
Twin 0.3m stub bracket, arms @180°.
- Luminaire E E950-28-P4A-730-C600-15W
6m Column. Qty 44

2X6sq NYC/C 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
to be clearly legible at 1m intervals. The lettering to face up/down
in the trench. All works to Local Authority specification.
This is a crucial 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
AND IS COPYRIGHT (C) 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
Reality 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 - ESB DUCT PROVING

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FINGLAS,
DUBLIN 11.
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robbie@sabrelighting.ie
PH: 01-811 0875

-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
D	Updated layout, 56E relocated to avoid clash	AN	CHK	16-10-26
C	Updated site layout.	AN	CHK	08-10-26
B	Updated site layout.	AN	CHK	25-09-26
A	Updated site layout	AN	CHK	06-09-26
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER
Castlethorn
PROJECT
Tinahash
TITLE
Public Lighting Layout
DRAWN
A.N.
SCALE
1:500@A1
DATE
21-08-26
DRAWING NUMBER
SES 09726 Sheet 2
ISSUE
5
BASE DRAWING NUMBER
DRAWING ORIGIN
DO NOT SCALE FROM THIS DRAWING