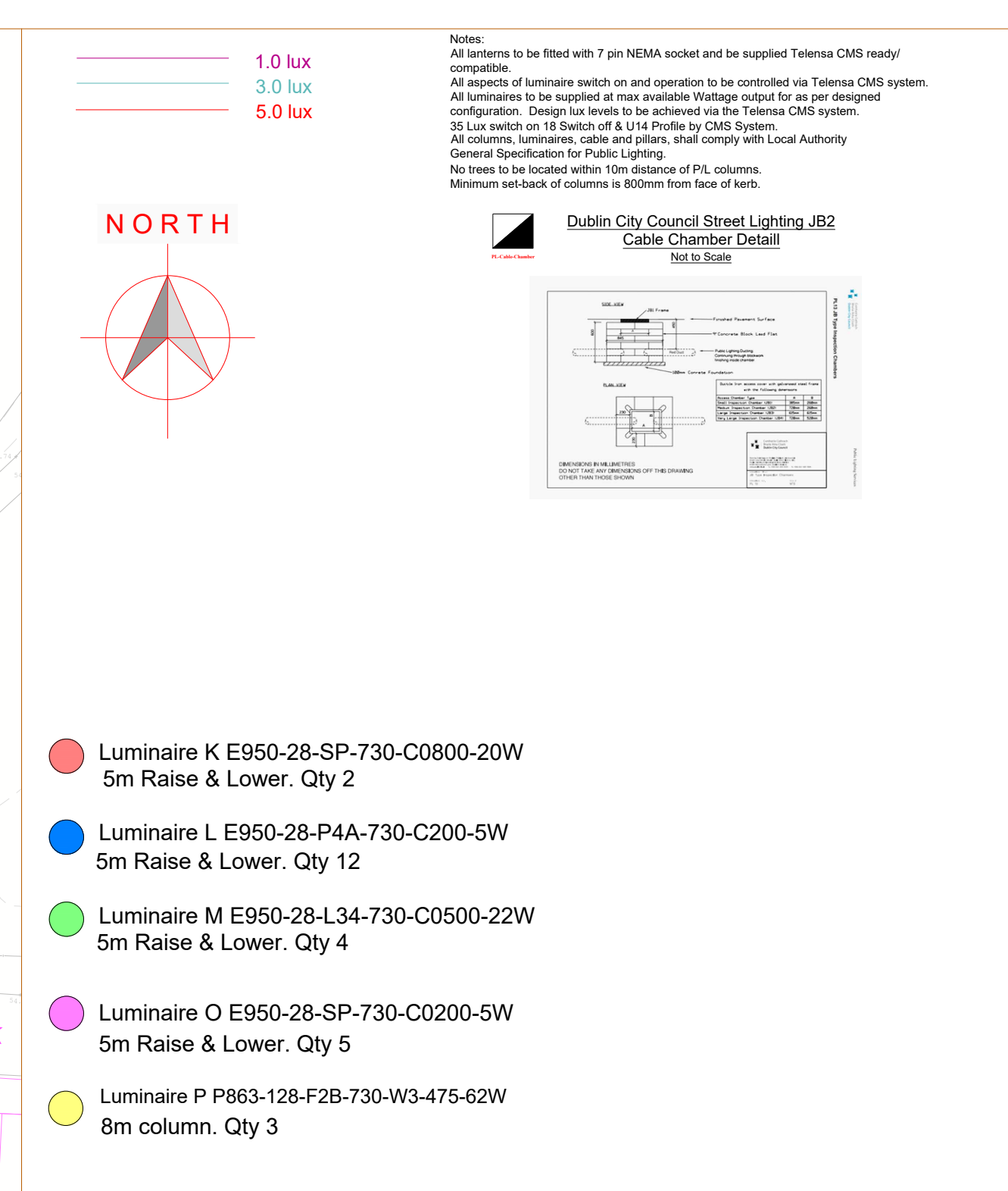




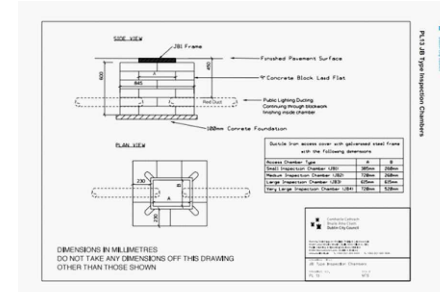
-  Luminaire K E950-28-SP-730-C0800-20W
5m Raise & Lower. Qty 2
-  Luminaire L E950-28-P4A-730-C200-5W
5m Raise & Lower. Qty 12
-  Luminaire M E950-28-L34-730-C0500-22W
5m Raise & Lower. Qty 4
-  Luminaire O E950-28-SP-730-C0200-5W
5m Raise & Lower. Qty 5
-  Luminaire P P863-128-F2B-730-W3-475-62W
8m column. Qty 3

Notes:

- All lanterns to be fitted with 7 pin NEMA socket and be supplied Telensa CMS ready/compatible.
- All aspects of luminaire switch on and operation to be controlled via Telensa CMS system.
- All luminaires to be supplied at max available Wattage output for as per designed configuration. Design lux levels to be achieved via the Telensa CMS system.
- 35 Lux switch on 18 Switch off U14 Profile by CMS System.
- All columns, luminaires, cable and pillars, shall comply with Local Authority General Specification for Public Lighting.
- No trees to be located within 10m distance of P.L. columns.
- Minimum set-back of columns is 800mm from face of kerb.



Dublin City Council Street Lighting JB3
Cable Chamber Detail
Not to Scale



-  Luminaire A P862-256-R2E-730-W3-350-88W
Existing as per SES 07323
10m column Qty 1 additional.
-  Luminaire D E950-28-P4A-730-C600-15W
6m. Existing as per SES 07323
-  Luminaire F E950-28-P4A-730-C350-9W
6m. Qty 11
-  Luminaire I P863-128-R2E-730-W3-375-49W
8m. Existing as per SES 07323
-  Luminaire J VMXII.1.LA053.V1.L4L4.W043.C.5000 Lumens
6m. Existing, Estimated photometry and Wattage.

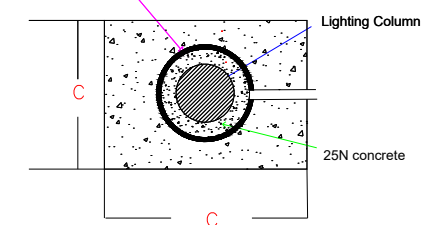
3X6sq SWA cable laid in ducting to I.S. 10101:2020.
Single wall ducting, colour red to be used
manufactured from high density polyethylene (H.D.P.E.),
107mm external diameter, having a wall thickness of 5mm.
This ducting to have the words "Street Lighting" stamped on
to be clearly legible at 1m intervals. The lettering to face uppermost
in the trench. All works to Local Authority specification.
This circuit layout in not indicative of exact location ducts
are to be laid. Spare Duct to be installed at all road crossings.

Public Lighting Pillar (located at least 2m from ESB pillar)

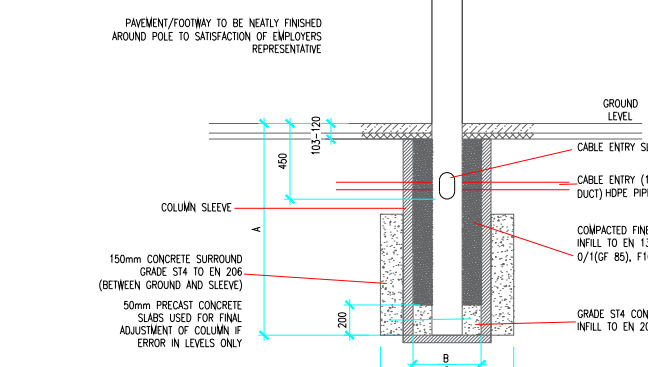
Typical Base detail, to be checked by site engineers.

COLUMN MOUNTING HEIGHT		12m	10m	8m	6m
COLUMN ROOT DEPTH	A	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	B	450	400	400	300
EXCAVATION (width x length)	C	1000	800	600	400

Heavy Duty PVC or Concrete pipe



COLUMN HEIGHT	6.0m	8.0m	10.0m	12.0m
FOUNDATION DEPTH (A)	1m	1.5m	1.5m	2m



NOTES

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NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ET
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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-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
C	Updated site layout.	AN	CHK	10-09-26
B	Revised Red Line	AN	CHK	07-08-26
A	Revised Red Line	AN	CHK	06-08-26
REV	DESCRIPTION	INITS	CHKD	DATE

CLIENT/CUSTOMER

Waterman Moylan

PROJECT

Cherry Orchard Phase 3

TITLE

Public Lighting Layout

DRAW

A.N	1:500 @A1	17-06-26
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DRAWING NUMBER

SES 08126

BASE DRAWING NUMBER

DRAWING ORIGIN

DO NOT SCALE FROM THIS DRAWING