

TYPE E COLUMN DETAILS

HEIGHT	:	6m
BRACKET LENGTH	:	Post-top
INCLINATION	:	0 Degrees
COLUMN QUANTITY	:	63

LANTERN DETAILS

AVERAGE WATTAGE (CLO)	:	14
MAKE & MODEL	:	C.U.Phosco E950-28-P4A-730-C0550

TYPE C COLUMN DETAILS	
	HEIGHT : 5m ABACUS Raise & lower type
	BRACKET LENGTH : Post-top
	INCLINATION : 0 Degrees
	COLUMN QUANTITY : 7
LANTERN DETAILS	
	AVERAGE WATTAGE (CLO) : 8
	MAKE & MODEL : C.U.Phosco E950-28-P4A,730-C0250

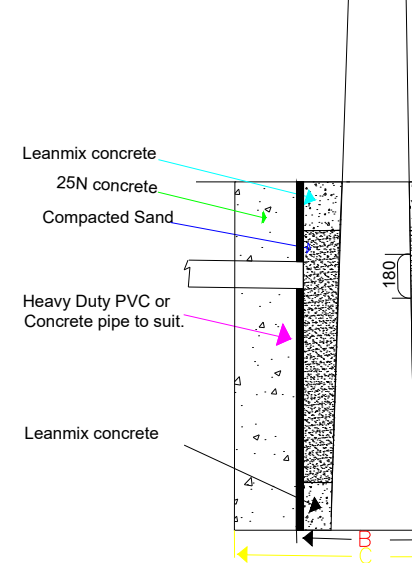
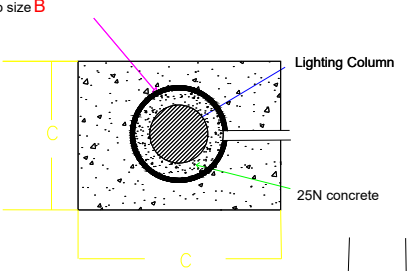
 Existing luminaire as per SES 014820-2

2X6sq NYCY cable laid in ducting to ETGI 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 "Street Lighting" stamped on,
letter size 9mm 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)

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



NOTES

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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 software. Any alterations to the layout or luminaire type used for the lighting design calculations, will require 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.

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

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Client name updated & reissued.	AN	CHK	FEB-2022
Updated Site Layout	AN	CHK	30-04-21
DESCRIPTION	INITs	CHK'D	DATE

CLIENT/CUSTOMER

Briargate Development Newbridge Limited

PROJECT

SHD for lands at Ballymany, Newbridge, Co. Kildare

TITLE

AWN L.N	SCALE 1:1000 @A1	DATE 22/03/21
DRAWING NUMBER SES 14820-3		ISSUE 3

DRAWING NUMBER	P20-071_Site Layout_Lighting Coordination
DRAWING ORIGIN	A. Neville Homes

DO NOT SCALE FROM THIS DRAWING