



**LEGEND:**

- 110mm  $\phi$  PROPOSED 110 $\phi$  HDPE SDR17 WATERMAIN WITH PIPE SIZE
- 160mm  $\phi$  PROPOSED 160 $\phi$  HDPE SDR17 WATERMAIN WITH PIPE SIZE
- 150mm  $\phi$  PROPOSED 150 $\phi$  HDPE SDR17 WATERMAIN WITH PIPE SIZE
- XXXmm  $\phi$  EXISTING WATERMAIN WITH PIPE SIZE
- SV PROPOSED SLUICE VALVE
- H PROPOSED HYDRANT
- SV PROPOSED SCOUR VALVE
- AV PROPOSED AIR VALVE
- NRV PROPOSED NON-RETURN VALVE
- PROPOSED BULK WATER METER TO IRISH WATER DETAILS
- SWMH SURFACE WATER MANHOLE
- SV NRV SWMH TYPICAL SCHEMATIC CONNECTION OF OFFLINE SCOUR VALVE
- PROPOSED BOUNDARY BOX AND CONNECTION
- LP ROAD LOW POINT
- HP ROAD HIGH POINT

**LEGEND:**

- EXISTING FOUL WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
- EXISTING SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
- FX PROPOSED FOUL WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
- CL X PROPOSED SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL
- PROPOSED FOUL INSPECTION CHAMBER AND CONNECTION
- PROPOSED SURFACE WATER INSPECTION CHAMBER AND CONNECTION
- PROPOSED GULLY AND CONNECTION
- PROPOSED UNDERGROUND ATTENUATION STORAGE
- PROPOSED SWALE AND OPEN GRATED MANHOLE

**TYPE 1 COLUMN DETAILS**

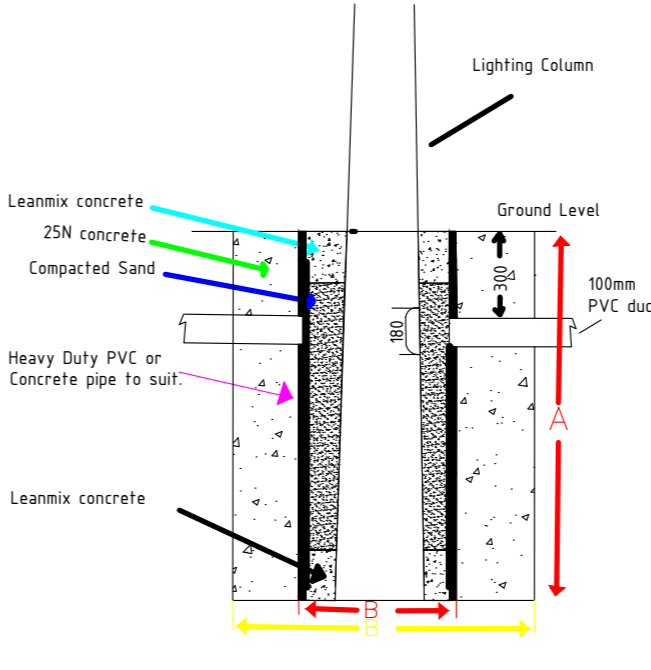
HEIGHT: 10m 10m & 1no 8m.  
 BRACKET LENGTH: 10m  
 INCLINATION: 0 Degree upright  
 COLUMN QUANTITY: 11  
 LANTERN DETAILS: 64w LED  
 MAKE & MODEL: C.U. Phosco P862-256-F2B-740-W5-0250

20kg NYC cable laid in ducting to ETCI 211-2003. 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 "Road Lighting" stamped on, letter size 8mm at 1m intervals. The lettering to face upwards in the trench. All works to Local Authority specification. This is a circuit layout and not indicative of where ducts are to be laid.

**Unmetered Public Lighting Pillar**  
 (located at least 2m from ESB pillar or taken from near by overhead network pole).

**Typical Base detail, to be checked by site engineers.**

|                                 |     |      |      |      |      |
|---------------------------------|-----|------|------|------|------|
| COLUMN MOUNTING HEIGHT          | 12m | 10m  | 8m   | 6m   |      |
| COLUMN ROOT DEPTH               | A   | 1.5m | 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  | 220  |
| EXCAVATION (width x length)     | C   | 1000 | 800  | 600  | 400  |



| REV | DATE       | BY | CHECKED | DESCRIPTION    |
|-----|------------|----|---------|----------------|
| F   | 22/03/2022 | PL | RMD     | Revised Layout |
| E   | 14/01/2022 | MR | RMD     | Revised Layout |
| D   | 05/10/2021 | MR | RMD     | Revised Layout |
| C   | 09/08/2021 | MR | RMD     | Revised Layout |
| B   | 30/08/2021 | MR | RMD     | Revised Layout |
| A   | 28/04/2021 | MR | RMD     | Revised Layout |

Project Title: **Residential Development at Kilnahun Lands, Gorey, Co. Wexford**

Client: **Gerard Gannon Properties** Dwg No. 7

Drawing Title: **Combined Landscape, Lighting & Engineer Plan** Scale: 1:1000 (A1)

Job No. 1605 Date: 22/03/2021

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