

This is a performance drawing and issued for pricing, guidance. The Installation Contractor shall produce all working drawings, including coordination drawings with other Trades and the Builder. This drawing shall be read in conjunction with the specification, schedules that are associated with this project. This is an A1 drawing. This drawing is copyright of Barry O'Neill Ltd trading as BBSC

Rev	Description	Date	By
A	ISSUED FOR COMMENT	28NOV2025	BON
B	PUMP STATION ADDED	28NOV2025	BON

- NOTES:
- ALL WORKS SHALL BE SOUTH DUBLIN COUNTY COUNCIL PUBLIC LIGHTING SPECIFICATION
 - ALL ENGINEERING CALCULATIONS SHALL BE SUBMITTED TO SDCC FOR ACCEPTANCE, COMMENT USING LIGHTING REALITY SOFTWARE
 - ALL ELECTRICAL DESIGNS TO BE TO IS10101
 - ALL ROAD LIGHTING TO COMPLY WITH
 - IS EN 13201
 - IS10101
 - ESB METERING REQUIREMENTS FOR HOUSING ESTATES
 - ESB METERING REQUIREMENTS, NATIONAL CODE OF PRACTICE FOR CUSTOMER INTERFACE
 - ALL POLES TO BE EARTHED
 - NO ELEMENT OF THE SCHEME SHALL BE COME ELECTRICALLY LIVE AND THE DESIGNER SHALL ENSURE THAT ROBUST HOUSINGS THAT ARE TAMPER PROOF AND UNDER LOCK OR SIMILAR IS PROVIDED.
 - VOLTAGE DROP SHALL NOT EXCEED 3% OF 230volts OVER THE ENTIRE LENGHT OF CABLE
 - ALL CABLES TO BE CONTAINED IN DUCTING, MIN 2w REQUIRED FOR 2 CIRCUITS.
 - MAIN ENTRANCE TO WORKS BUILDING TO BE ZONE 1
 - QUI-DE-SAC TO BE ZONE 2
 - REAR OF DWELLING UNITS TO BE ON ZONE 1.
 - ENSURE SIGNAGE IS PROVIDED.
 - ALLOW FOR PAINTING OF ALL MINI-PILLARS AND METER BOX'S WITH ART AS APPROVED BY THE RESIDENTS.

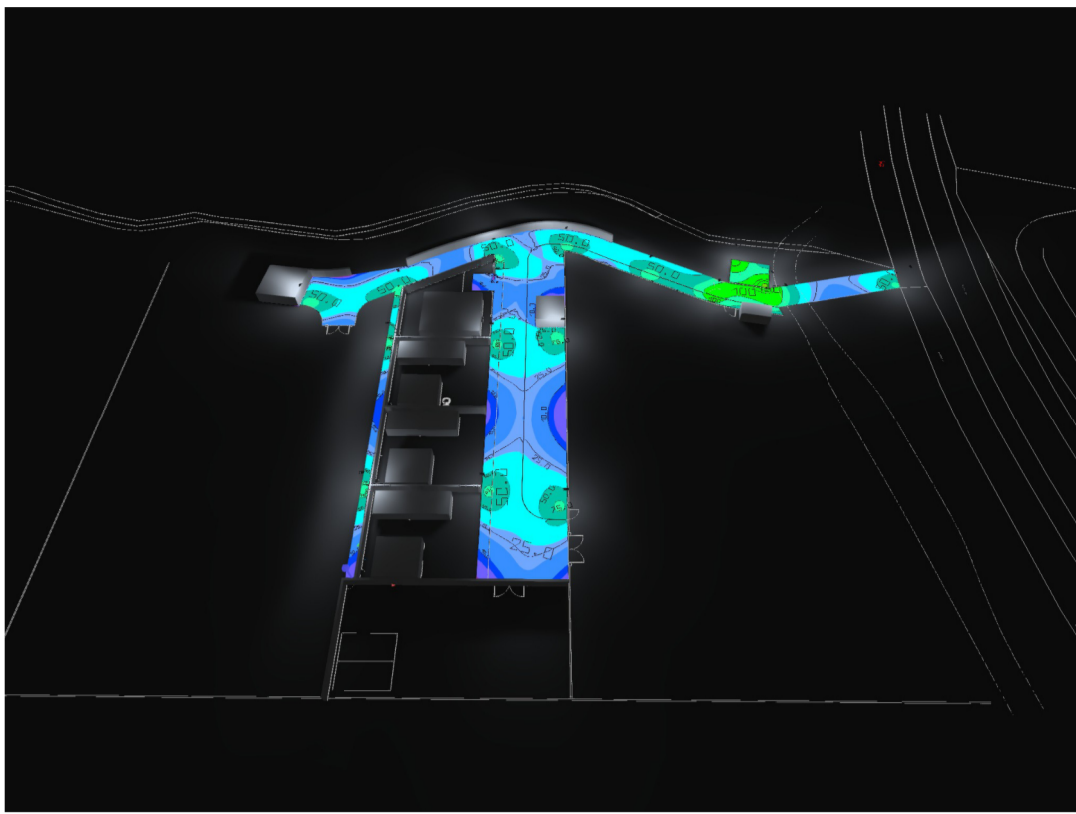
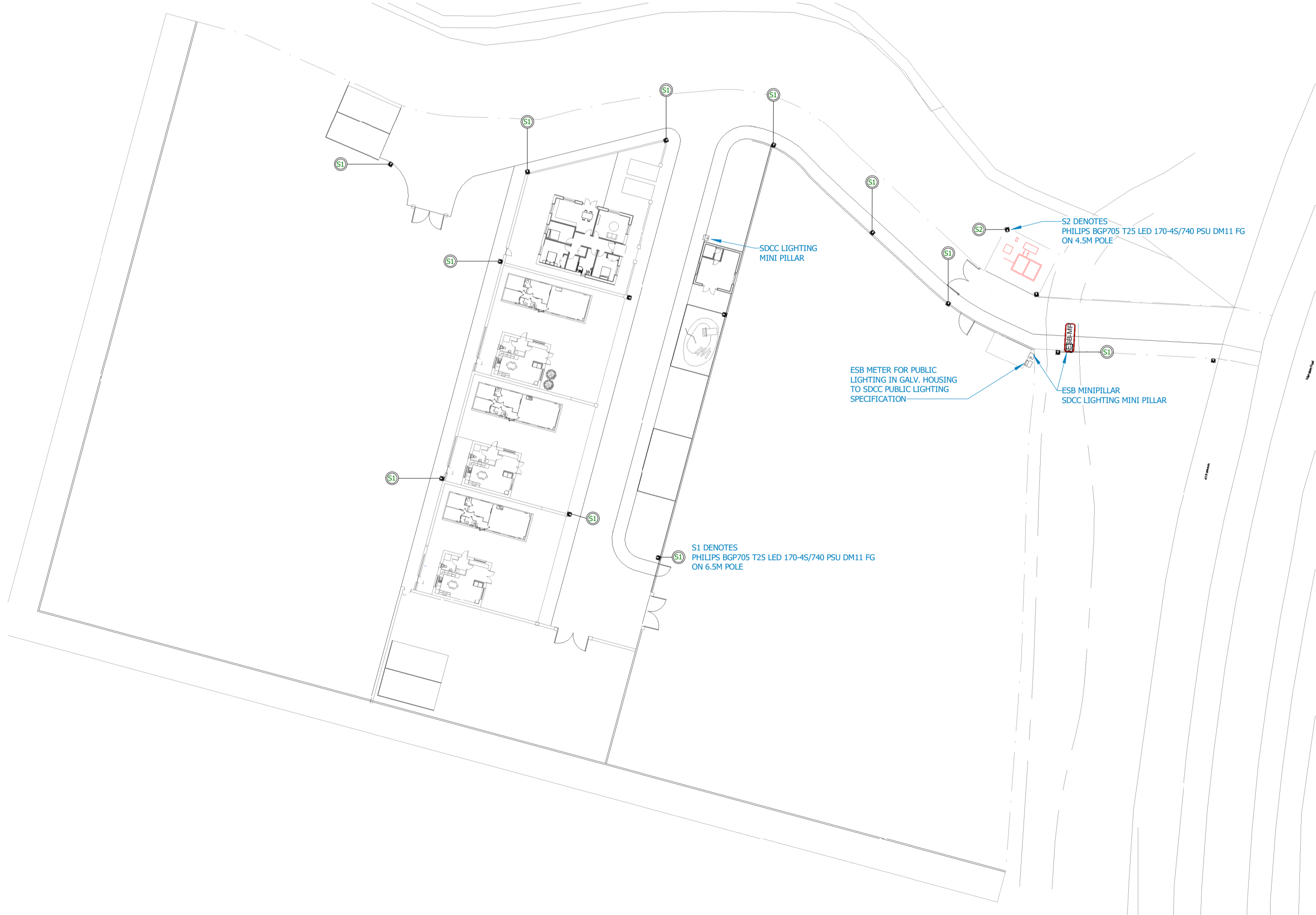
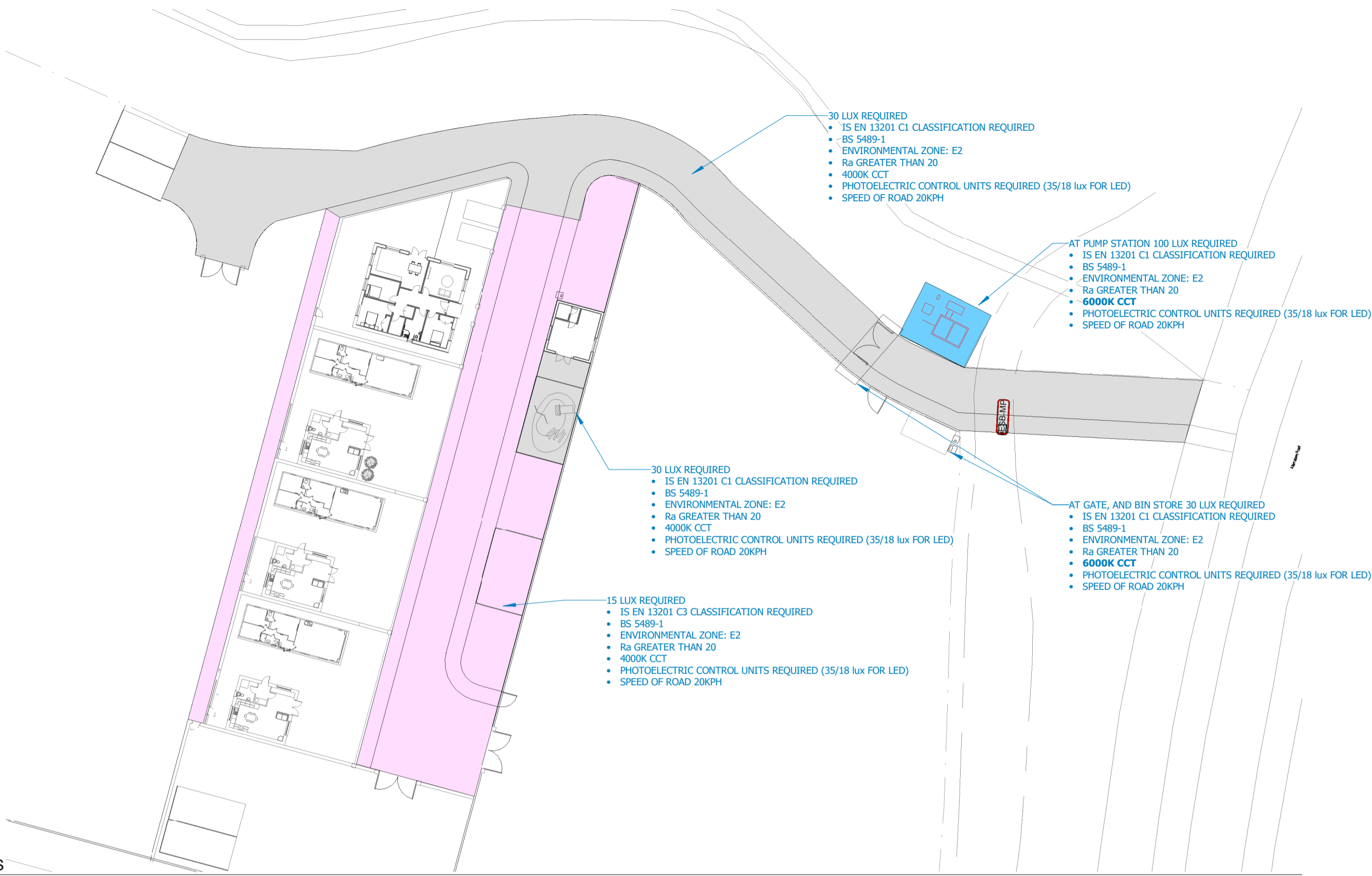


IMAGE OF LIGHTING SCHEME



NOTES

THIS DRAWING REFERENCES ESB LAYOUT
DOCUMENT REF. XXXXXXXXXXXX
ISSUED XX-XXX-XXXX

ONLY FOR DISCUSSION IN GROUND DUCTING

- 125 DIA ESB DUCT FOR ELECTRICAL VEHICLES (EV)
- 125 DIA ESB DUCT FOR LOW VOLTAGE (LV) 400V, ESB MAINS
- 125 DIA ESB DUCT FOR MEDIUM VOLTAGE (MV) 10,000V, ESB MAINS
- 125 DIA ESB DUCT FOR PUBLIC LIGHTING (PL) 400V, ESB MAINS
- 125 DIA DUCT FOR COMMUNICATIONS, FIBRE, SIRO, EIR, VIRGIN

- DEPTH OF DUCT BELOW GRADE
- EV -600mm
 - LV -700 TO -900mm
 - MV -700 TO -900mm
 - PL -600mm
 - COMMS -450 TO -600mm
- PULL ROPE (7.5KN) AND MARKER TAPE REQUIRED IN FULL LENGTH OF EACH DUCT

DRAFT
WORK IN PROGRESS

Client **SDCC**
Architect **SDCC**
Structural **MCE**
Quant. Surv.
Fire Consultant **MCE**

BBSC CHARTERED BUILDING SERVICES ENGINEERS
80 Willow Park Avenue, Glasnevin, Dublin, D11AE48
(p) 086 386 7097
(e) barry.oneill@bbsc.ie
(w) www.bbsc.ie

App'd BON Chk'd BON Eng'r BON Drawn BON

Site
TRAVELLER ACCOMMODATION PROJECT
CLUTTERLAND, Co. DUBLIN

Drawing Title
PROPOSED PUBLIC LIGHTING STANDARDS

Project Nr. Scale Date Sheet Size
25_0701 As indicated 28NOV2025 A1
rev:- B rev date :- 28NOV2025
ISO file Reference Project Status
TAC-BBSC-SITE-0-DR-E-6000 [B] PRELIM