

IMAGE OF LIGHTING SCHEME

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.

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REVISION HISTORY

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

NOTES.  
1. ALL WORKS SHALL BE SOUTH DUBLIN COUNTY COUNCIL PUBLIC LIGHTING SPECIFICATION  
2. ALL ENGINEERING CALCULATIONS SHALL BE SUBMITTED TO SDCC FOR ACCEPTANCE,  
COMBINING LIGHTING REALITY SOFTWARE

3. ALL ELECTRICAL DESIGNS TO BE TO ISM101

4. ALL ROAD LIGHTING TO COMPLY WITH

A. IS EN 13201

B. 12000K CCT

C. ESB METERING REQUIREMENTS FOR HOUSING ESTATES

D. ESB METERING REQUIREMENTS, NATIONAL CODE OF PRACTICE FOR CUSTOMER

TERMINAL INTERFACE

5. ALL POLES TO BE EARTHTED

6. NO ELEMENT OF THE SCHEME SHALL BECOME ELECTRICALLY LIVE AND THE DESIGNER

SHALL ENSURE THAT ROBUST HOUSINGS THAT ARE TAMPER PROOF AND UNDER LOCK OR

SIMILARLY IS PROVIDED

7. VOLTAGE DROPS SHALL NOT EXCEED 3% OF 230volts OVER THE ENTIRE LENGTH OF CABLE

8. ALL CABLES TO BE CONTAINED IN DUCTING, MIN 2nr REQUIRED FOR 2 CIRCUITS

9. MAIN ENTRANCE TO WORKS BUILDING TO BE ZONE 1

10. CUL-DE-SAC TO BE ZONE 2

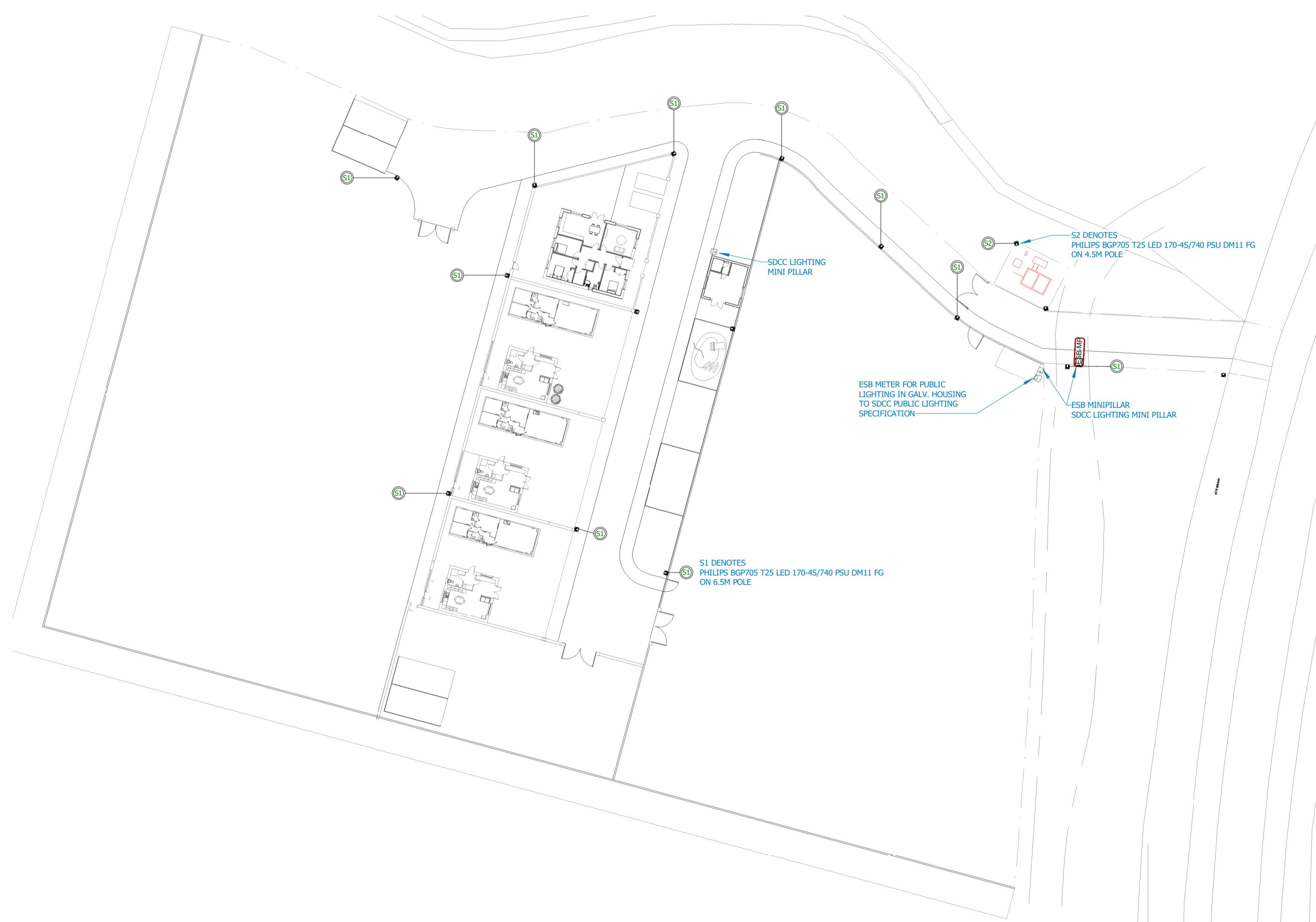
11. ALL PUBLIC LIGHTING TO BE ON ZONE 1

12. ENSURE SIGNAGE IS PROVIDED

13. ALLOW FOR PAINTING OF ALL MINI-PILARS AND METER BOX'S WITH ART AS APPROVED

BY THE RESIDENTS.

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**DRAFT**  
WORK IN PROGRESS

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

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App'd BON Crk'd BON Eng'd BON Drawn BON

Site

TRAVELLER ACCOMMODATION PROJECT  
CLUTTERLAND, Co. DUBLIN

Drawing Title PROPOSED PUBLIC LIGHTING STANDARDS

Project Nr. 25\_0701 Scale As indicated Date 28NOV2025 Sheet Size A1

rev- B rev date - 28NOV2025

ISO File Reference

Project Status PRELIM

TAC-BBSC-SITE-0-DR-E-6000 [B]

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1:500

NOTES

THIS DRAWING REFERENCES ESB LAYOUT  
DOCUMENT REF. XXXXXXXXXX  
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