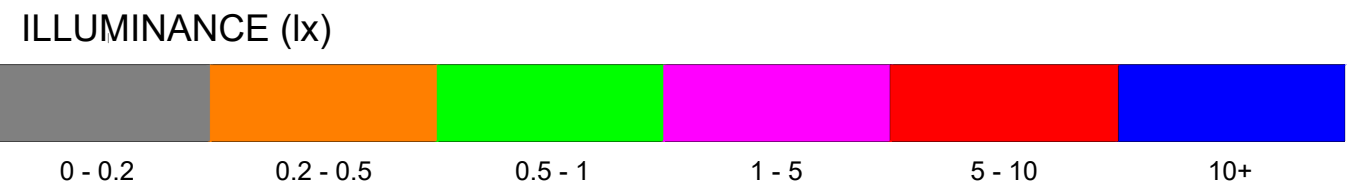


LIGHTING LEGEND	
EX ●	IP65 Rated Post top lantern. 5539 Lumen (49W). 2700K. As Whitecroft Cygnus ST. Ref: CYT2H03KG.
EX ●	IP65 Rated Post top luminaire. 5657 Lumen (43.2W). 2700K. As Whitecroft Mistral small. Ref: MISH22KR.
EX ● EX ●	Twin IP65 Rated Post top luminaire. 5657 Lumen (43.2W). 2700K. As Whitecroft Mistral small. Ref: MISH22KR.
EX4 ●	IP65 Rated wall mounted luminaire. 1419 Lumen (17W). 2700K. 3 Hour emergency version. As Whitecroft Spectre. Ref: SPX4H23KGE.



ECOLOGY LEGEND	
●	Bat tube on building elevation.
●	Sparrow house nest box on building elevation.
●	Bird bricks on building elevation.



3.3 Calculation results, Exterior 1 - Bat Tube

3.3.6 Table, Bat Box - Bat Tube (0.475 x 0.200 (E))

(m)	(0.05)	(0.05)	(0.05)	(0.05)
0.45	(0.05)	(0.05)	(0.05)	(0.05)
0.40	(0.05)	(0.05)	(0.05)	(0.05)
0.35	(0.05)	(0.05)	(0.05)	(0.05)
0.30	(0.05)	(0.05)	(0.05)	(0.05)
0.25	(0.04)	(0.04)	(0.04)	(0.04)
0.20	(0.04)	(0.04)	(0.04)	(0.04)
0.15	(0.04)	(0.04)	(0.04)	(0.04)
0.10	(0.04)	(0.04)	(0.04)	(0.04)
0.05	(0.04)	(0.04)	(0.04)	(0.04)
	0.04	0.10	0.16	
	Illuminance [lx]			

Note:
External lighting time clocks c/w photocell input to avoid illumination of external lighting during hours of daylight.
External lighting time clock controls to be commissioned to provide illumination only between dusk - dawn. Final commissioning hours agreed as lighting to be switched off from 19:30 - 06:00

Health & Safety Hazards and Risks

All works indicated on this drawing are to be carried out by a Contractor competent to undertake the works.

Specific hazards relating to the works are indicated on this drawing. There are in addition to the normal hazards and risks faced by a competent person or contractor when dealing with the types of works indicated on this drawing.

General Notes

- Do not scale from this drawing.
- All dimensions are in millimetres unless stated otherwise.
- Prior to commencing any works all relevant dimensions & site features are to be verified against contractual information.
- All proprietary components are to be installed in accordance with the Manufacturer's current written instructions.

C10	25.08.2026	Lighting Temperature updated.	CB
C09	21.07.2026	Lighting operational hours modified.	MC
C08	03.07.2026	2.4m High fence line & site boundary added.	MC
C07	29.06.2026	Isoline colours revised.	MC
C06	01.06.2026	Isoline colours added.	MC
C05	22.04.2026	Construction issue.	MC
C04	22.04.2026	Construction issue.	MC
C03	13.04.2026	Construction issue.	MC
C02	13.04.2026	Construction issue.	MC
C01	03.04.2026	Construction issue.	MC
P2	18.02.2026	Preliminary issue for review and comment.	MC
P1	01.09.2025	Preliminary issue for review and comment.	MC
Rev	Date	Description	By

Subsidiary Number Key	
WIP	80 - Work in Progress *
Shared	81 - Fit for co-ordination **
82	- Fit for information
83	- Fit for internal review & comment
84	- Fit for construction approval
Documentation	
D1	- Fit for costing
D2	- Fit for tender
D3	- Fit for Contractor design
D4	- Fit for manufacture / procurement

BS 1192:2007	
Documentation Sign-off	
A	- Fit for construction
B	- Fit for construction with comments
C	- Comprehensive revisions needed
Archive	
AB	- As Built
FC	- Final construction
* For internal pre-issue usage only	
** For model file usage only	

Project Title
Goetre Primary School
Merthyr Tydfil County Borough Council

Drawing Title
Site Plan
External Lighting

Client
Mitie Technical Services Ltd.

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Discipline			
Mechanical & Electrical			
Scale	@ AO	1:250	MC
Job Number	252615	Date	Aug 2025
Drawing Status			
Subsidiary	A	Revision	C10
Project - Origin - Zone - Level - Type - Role - Number			
26CB01-MIT-30-00-D-OE-9002			