

LIGHTING LEGEND	
	IP65 Rated Post top lantern. 5539 Lumen (49W). 3000K. As Whitecroft Cygnus ST. Ref. CY12H03KG.
	IP65 Rated Post top luminaire. 5657 Lumen (43.2W). 2700K. As Whitecroft Mistral small. Ref. MISH22KR.
	Twin IP65 Rated Post top luminaire. 5657 Lumen (43.2W). 2700K. As Whitecroft Mistral small. Ref. MISH22KR.
	IP65 Rated wall mounted luminaire. 1419 Lumen (17W). 3000K. 3 Hour emergency version. As Whitecroft Spectre. Ref. SPXAH23K6EM.



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

Fence line. 2.4m High 'wildmesh' fence.

Site boundary.

Site boundary.

Fence line. 2.4m High 'wildmesh' fence.

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	[0.04] [0.04] [0.04] [0.04]
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]

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.
These 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.

C09	21.07.2026	Lighting operational hours modified.	MC
C08	03.07.2026	2.4m High fence line & site boundary added.	MC
C07	26.06.2026	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

Sustainability Number Key	
WIP	Work in Progress *
Shared	Shared
S1 - Fit for co-ordination **	S1 - Fit for co-ordination **
S2 - Fit for information	S2 - Fit for information
S3 - Fit for internal review & comment	S3 - Fit for internal review & comment
S4 - Fit for construction approval	S4 - Fit for construction approval
Documentation	Documentation
D1 - Fit for costing	D1 - Fit for costing
D2 - Fit for tender	D2 - Fit for tender
D3 - Fit for Contractor design	D3 - Fit for Contractor design
D4 - Fit for manufacture / procurement	D4 - Fit for manufacture / procurement

Project Title	
Goetre Primary School	
Merrthyr Tydfil County Borough Council	
Client	
Mitie Technical Services Ltd	
Discipline	
Mechanical & Electrical	
Scale	1:250
Job Number	252615
Date	Aug 2025
Drawing Status	Construction
Sustainability	A
Revision	C09
Project - Origin - Zone - Level - Type - Role - Number	
28CB01-MIT-30-00-D-OE-9002	

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Sports Pitches (Grass)
Football U11-U12s - 73x46m
Rugby U11-U12s - 60x43m

MUGA
5 a side football
Porous asphalt

Therapeutic Garden
Wildflower Area
Native woodland and planting mix
Softball / Amphitheater Area
Climbing Area
Wildflower Area