



Llangatwg Comprehensive School

Bat Report

October 2025

EC2025 001

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DECLARATION

The information, advice and opinions which we have prepared and provided is true and has been prepared and provided in accordance with the CIEEM's Code of Conduct. We confirm that the opinions expressed are our true and professional bona fide opinions.

A handwritten signature in black ink, appearing to read 'M Price'.

Megan Price

Ecologist (Consultancy & Planning)

The following report is considered a reasonable and true representation of the ecological situation on the site assessed. The report is however just a snapshot assessment therefore the authors are unable to guarantee that all biodiversity interest has been identified. In addition, if works are not undertaken as programmed re-assessment will be required. The survey information is considered applicable for two years from the date of the survey.

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EXECUTIVE SUMMARY

This report presents the findings of follow-up bat activity surveys undertaken at Llangatwg Comprehensive School, Aberdulais, following recommendations made in the Preliminary Ecological Assessment (PEA) completed in October 2024 by Ecological Services Ltd. The PEA identified a range of buildings and habitats within the site boundary with varying levels of suitability for roosting, commuting, and foraging bats. Several buildings were assessed as having moderate to high potential for roosting bats, and the site itself was considered to offer moderate suitability for commuting and foraging activity due to its proximity to broad-leaved woodland, riparian corridors, and other semi-natural habitats.

Given the proposed redevelopment of the school site—including demolition of existing buildings and construction of new facilities—further bat surveys were recommended to inform the planning process and ensure compliance with relevant wildlife legislation, including the Conservation of Habitats and Species Regulations 2017 and the Wildlife and Countryside Act 1981.

The Old Block was found to have bats roosting in two locations on the West Elevation. An EPS license will be required to allow the demolition of the building. This will be done under an approved method statement. Bat surveys will be repeated in 2026 to ensure up to date information for the EPS license application.

The Asbestos roof building that is next to the old block on the west site boundary will be converted into a bat house. Detailed design is not yet available, this will be drawn up when the EPS license is applied for in 2027, however it will include a pitched slate roof along with internal features to provide a similar roost environment as they have in the existing old block.

None of the other buildings have any bats roosting in them, but due to a bat roost on site and the high potential held by several other buildings, they will be subject to a soft strip in the weeks leading up to the demolition. The soffit boards, ridge tiles etc will be removed by hand at least a week before the demolition is due to start under the supervision of a licensed ecologist. If bats are found during the soft strip or at any point during demolition, works will stop and NRW consulted for advice.

The programme of demolition has been finalised (see Figure 4) to consider both the soft strip of all the buildings and the licensed demolition of the Old Block. The Bat house will be completed prior to any works occurring on the Old Block.

As part of the soft landscaping biodiversity enhancements will be incorporated in the form of tree planting to mitigate for the loss of trees due to the development, the canalised brook will be opened up in sections and naturalised so riparian vegetation will be planted, and it will be an wildlife corridor through the school site. All planting on the site will be

native or wildlife friendly to provide enhancement and bird and bat boxes will be installed. The finalised landscaping plans are not available at this stage, however it will all be agreed with the project ecologist and the LPA Ecologist prior to approval.

1. INTRODUCTION

1.1 SITE LOCATION AND DESCRIPTION OF DEVELOPMENT

Llangatwg Comprehensive School is located in Aberdulais, to the north-east of Neath, within a semi-rural landscape that includes residential housing, post-industrial land, agricultural fields, and broad-leaved woodland. The site is bounded by the settlement of Cilfrew to the north-east and Caxton to the south-west, with the River Neath and Tennant Canal corridor situated to the south-east, separated from the school by the A4230. The A465 dual carriageway lies further south of the site.

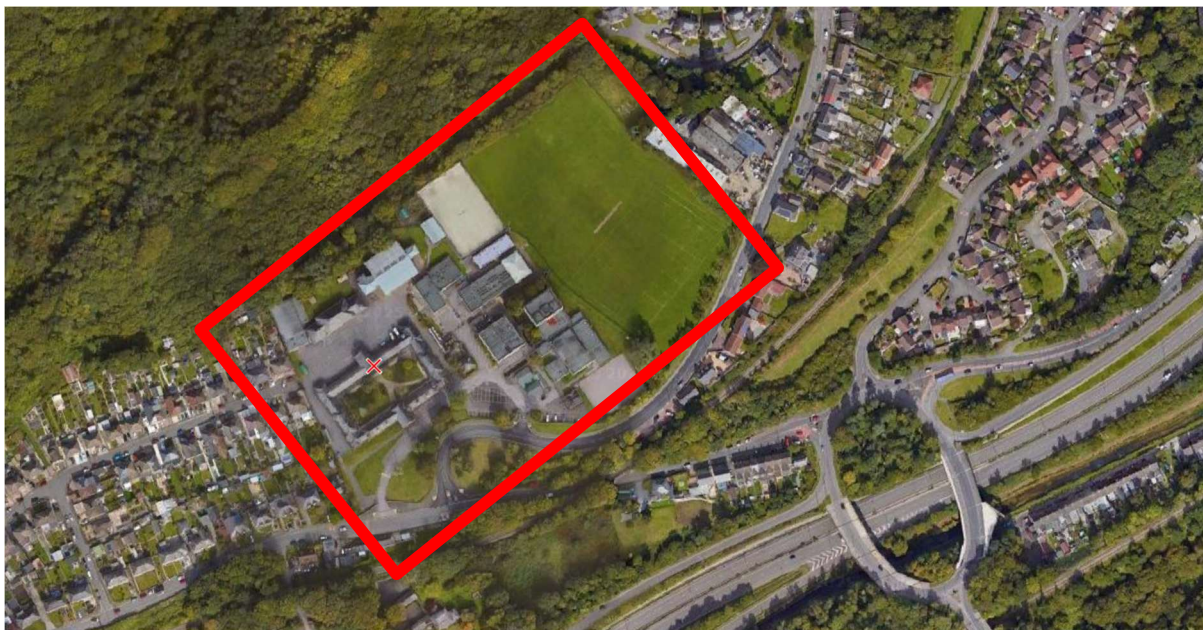


Figure 1 Aerial Photo of Llangatwg Comprehensive School - Site outlined in Red

The school complex comprises a mix of permanent and temporary buildings, including Victorian-era structures, 1960s blocks, and more modern facilities. The site also includes sports pitches, playgrounds, car parking areas, access roads, and landscaped grounds. A watercourse flows through the site in a south-westerly direction, partially culverted and canalised, and connects with a second watercourse to the north.

Development proposals are currently in the early design stages and seek to demolish the existing school buildings and construct new educational facilities within the south-eastern portion of the site. The remainder of the site is proposed to accommodate new sports pitches and car parking provision. The redevelopment is anticipated to affect the majority of the site.

1.2 SCOPE OF SURVEY

Survey Objectives

The aim of the bat surveys was to:

- Confirm the presence or likely absence of bat roosts within buildings identified as having low to high roosting potential.
- Assess bat emergence, and general activity using thermal imaging and acoustic detection.
- Inform mitigation and licensing requirements in relation to proposed redevelopment works.

2. METHODOLOGY

2.1 SURVEY METHOD

2.1.1 Survey Equipment

- **Thermal Imaging Camera:** Guide TK612
Used to detect heat signatures of emerging or re-entering bats, particularly in areas with limited visibility or inaccessible roof features.
- **Full-Spectrum Bat Detectors:** Anabat Scout
Used to record echolocation calls for species identification and behavioural analysis.

2.1.2 Survey Timing and Conditions

Surveys were conducted between May and September 2025, covering the full active season for bats. Each building was surveyed according to its roost potential under suitable weather conditions:

- Dry nights with temperatures above 10°C
- Wind speeds below Beaufort scale 3
- No heavy rain or fog

Surveys were timed to begin 15–30 minutes before sunset (for emergence).

2.1.3 Survey Approach

a) Emergence Surveys

Buildings were subject to targeted emergence surveys. Surveyors were positioned to observe all potential roost access points, including:

- Roof voids, lifted tiles, soffits, and flashing

- Gable ends, ventilation grills, and louvred doors

Thermal cameras were used to detect bat movement in real time, allowing for accurate tracking of emergence and re-entry events. Observations were recorded alongside acoustic data from Anabat Scouts, which were deployed to capture echolocation calls for species identification.

b) Acoustic Recording and Analysis

Anabat Scout detectors were used in both handheld and static configurations. Detectors were set to full-spectrum mode and calibrated to record:

- Time-stamped call sequences
- GPS location (where applicable)
- Environmental conditions

Recordings were analysed using software (*Analook Insight*) to identify species and activity levels. Particular attention was paid to:

- Call frequency and structure
- Pass rates and feeding buzzes
- Roost emergence timing

c) Data Integration

Thermal and acoustic data were cross-referenced to confirm species presence and roosting behaviour. Where thermal detections occurred without acoustic confirmation, further analysis was undertaken to rule out false positives (e.g. birds or insects).

2.1.4 Survey Team

All surveys were conducted by surveyors with experience in thermal imaging and acoustic analysis.

2.1.5 Thermal Video Analysis Methodology

Purpose

Thermal video footage was recorded during emergence surveys using a Guide TK612 thermal imaging camera. The footage was analysed post-survey using VLC Media Player to:

- Confirm bat emergences or re-entries that may have been missed due to poor visibility or observer limitations.
- Supplement live observations and acoustic data to improve confidence in roost presence/absence assessments.

Software Used

- **VLC Media Player**

VLC was selected for its ability to play high-resolution thermal video files frame-by-frame, adjust playback speed, and capture still frames for documentation.

Analysis Procedure

1. File Organisation

All thermal videos were labelled with:

- Date and time of recording
- Building number
- Survey type (emergence or re-entry)
- Camera position and orientation

2. Playback Settings

Videos were reviewed using the following settings:

- Playback speed reduced to 0.25× or frame-by-frame for detailed observation when motion was detected
- Brightness and contrast adjusted to enhance visibility of heat signatures
- Time stamps noted for any suspected bat activity

3. Identification Criteria

Emergence or re-entry events were identified based on:

- Distinct heat signatures exiting or entering potential roost features (e.g. roof voids, soffits, vents)
- Flight patterns consistent with bat behaviour (e.g. rapid, direct flight; looping or circling near roost)
- Absence of wing beats or body shape typical of birds or insects

4. Cross-Referencing

Observations from thermal footage were cross-referenced with:

- Acoustic recordings from Anabat Scout detectors
- Field notes from surveyors
- Potential roosting features identified during scoping surveys

2.1.6 Limitations

- Thermal resolution may limit species identification.
- False positives (e.g. insects, birds) were mitigated through behavioural analysis and acoustic confirmation.

- Obstructions (e.g. vegetation, architectural features) may obscure roost entrances.

2.1.7 Building Roosting Potential

The table below lists the buildings and roosting potential assigned to them – this report has altered the roosting potential to what the surveyors felt was more in accordance with the BCT guidelines. The numbers are taken from the previous PEA, names have been assigned to make it easier to understand which building is being referred to.

Appendix B shows the position of the thermal cameras for the survey on each building.

Building No.	Description	Roosting Potential	No. of emergence surveys carried out
B1 (Old Block)	Large Victorian brick building with slate roof	High	3
B2 (Caretakers cottage)	Two-storey Victorian house	High	3
B3 (Science Block)	1960s brick building with flat roof	Low/Moderate	2
B4 (Portacabins)	Three single-storey portacabins	Moderate	2
B5 (DT Building)	Single-storey brick building	Low	1
B6 (Arches)	Victorian brick store with asbestos roof	Moderate	2
B7 (New Block)	Modern steel and brick building	Low	1
B8 (Asbestos Roof Building)	Small brick building, single skin with asbestos roof	Low	1
B9 (Youth Wing)	Modern building near woodland	High	3
B10 (Gym)	Refurbished Victorian building	High	3

B11 (Astroturf Building)	Breeze block building with metal roof	Low	1
B12 (Science Portacabin)	Portacabin near Astroturf	Low	1
B13 (Welsh Block)	Brick building with felt roof	Low	1
B14 (Hall & Swimming Pool) Including Tunnel to Sci block	Large 1960s building	Moderate	2
B15 (Substation)	Small brick building near woodland	N/A	0

3. RESULTS

3.1 RESULTS OF EMERGENCE SURVEYS

The below table details a summary of activity recorded during each emergence survey. More detail can be provided if required; however, due to the number of buildings surveyed, it has been condensed.

Building No.	Survey Date(s)	Surveyor(s) Present	Weather Conditions	Summary of Bat Activity during survey
B1 (Old Block)	13 th May 2025	MBP, JH, CA, BB, RSS, MF	Temperature : 14°C Cloud Cover: 7/8 Humidity: 84% Wind Speed: 3mph	No emergence from building 21:07 – 21:17 Pips commuting across old block to woods 21:17 – end of survey Pips foraging inside courtyard 21:23 – end of survey Pips foraging along W edge of old block
	9 th July 2025	MBP, MF, LB, RSS, BB, CA, JH	Temperature : °C Cloud Cover: /8 Humidity:% Wind Speed: mph	No Emergence from building 21:32 Nn commuting over top of old block to woodland 21:40-end of survey Pips commuting across top of old block to woods (come from off site) Pips foraging along W elevation of old block throughout survey 21:40-22:18 – Pips foraging internally in courtyard
	31 st July 2025 (only the W elevation)	MBP	Temperature : 17°C Cloud Cover: 1/8	No Emergence from building Pips foraging and commuting along this side of the school throughout survey

			Humidity: 76%	
			Wind Speed: 7mph	
	20 th August 2025	MF, MBP, LB, RSS, BP	Temperature : 18°C Cloud Cover: 8/8 Humidity: 65% Wind Speed: 5 mph	20:43 Emergence of Common Pipistrelle from soffit on W elevation. See Figure 1 Lower activity around Old block than on previous surveys but low level of pip foraging in internal courtyard throughout survey and pips commuting across the school site
B2 (Caretakers Cottage)	25 th June 2025	MBP, MF, CA, RSS, BB	Temperature : 18°C Cloud Cover: 8/8 Humidity: 89% Wind Speed: 5mph	No Emergence from building Building is on flightline through school for a pip roost off site
	19 th May 2025	MBP, JH, RSS, LB, BB	Temperature : 15°C Cloud Cover: 6/8 Humidity: 73% Wind Speed: 4mph	No emergence from cottage Lots of pips commuting throughout the site between caretakers cottage and science block
	3 rd July 2025	MF, MBP, RSS, JH	Temperature : 18°C Cloud Cover: 1/8 Humidity: 68%	No emergence from building High level of bats commuting across the site to the woods

			Wind Speed: 6mph	
B3 (Science Block)	20 th May 2025	MF, LB, BB, MBP	Temperature: 15°C Cloud Cover: 7/8 Humidity: 64% Wind Speed: 5mph	No Emergence from building Pps commuting from the road over school to woodland edge
	3 rd July 2025	MF, MBP, RSS, JH	Temperature : 18°C Cloud Cover: 1/8 Humidity: 68% Wind Speed: 6mph	No Emergence from building High level of pip activity commuting through site to woodland edge
B4 (Portacabins)	11 th June 2025	LB, MBP, RSS, RR	Temperature : 19°C Cloud Cover: 2/8 Humidity:74% Wind Speed: 6mph	No Emergence from portacabins High level of pip foraging around hall entrance Constant Pips commuting from the road across school to woods
	15 th September 2025	MBP, MF, BP, LH	Temperature : 15°C Cloud Cover: 6/8 Humidity:73% Wind Speed: 17mph	No Emergence from portacabins Low levels of pips commuting across the site

B5 (DT Building)	20 th May 2025	MF, LB, BB, MBP	Temperature: 15°C Cloud Cover: 7/8 Humidity: 64% Wind Speed: 5mph	No Emergence from building Pip foraging along the playing field boundary from 21:25 until end of survey
	3 rd July 2025	MF, MBP, RSS, JH	Temperature : 18°C Cloud Cover: 1/8 Humidity: 68% Wind Speed: 6mph	No Emergence from, Building Pips foraging between DT block and portacabin and around culvert/field interface during survey
B6 (Arches)	3 rd July 2025	MF, MBP, RSS, JH	Temperature : 18°C Cloud Cover: 1/8 Humidity: 68% Wind Speed: 6mph	No Emergence from Arches Pips commuting over Arched to wood at start of survey
	19 th May 2025	MBP, JH, RSS, LB, BB	Temperature : 15°C Cloud Cover: 6/8 Humidity: 73% Wind Speed: 4mph	No Emergence from Arches Pips commuting across site, occasional foraging in the area between blocks throughout survey

B7 (New Block)	25 th June 2025	MBP, MF, CA, RSS, BB	Temperature : 18°C Cloud Cover: 8/8 Humidity: 89% Wind Speed: 5mph	No Emergence from building High level of Pip foraging and Brown-long-eared foraging in dark corridor between woodland and building throughout survey
	19 th May 2025	MBP, JH, RSS, LB, BB	Temperature : 15°C Cloud Cover: 6/8 Humidity: 73% Wind Speed: 4mph	No Emergence from building High level of foraging activity between the building and woodland throughout survey
B8 (Asbestos Roof Building)	7 th May 2025	MBP, BB, MF, RSS	Temperature : 14°C Cloud Cover: 5/8 Humidity: 75% Wind Speed: 3mph	No Emergence from Asbestos Roof Building 21:47 1x 21:49 4x Brown Long-eared bats emerged from Chimney/ridge tiles of Old block – See Figure 1
B9 (Youth Wing)	18 th June 2025	MBP, MF, BP	Temperature : 21°C Cloud Cover: 0/8 Humidity: 71% Wind Speed: 4 mph	No Emergence from building Lots of Pips commuting across school site to woodland behind Gym/Youth wing and then constant foraging in dark corridor between buildings and woodland throughout survey Brown Long-eared bats foraging in dark corridor

	31 st July 2025	MF, RSS, JH, LB, MBP	Temperature : 17°C Cloud Cover: 1/8 Humidity: 76% Wind Speed: 7mph	No Emergence from building Pips commuting across school site to forage in the woodland corridor behind the youth wing and gym Brown Long-eared bats foraging in dark corridor
	7th May 2025	MBP, BB, MF, RSS	Temperature : 14°C Cloud Cover: 5/8 Humidity: 75% Wind Speed: 3mph	No Emergence from building Constant foraging in the woodland corridor behind the youthwing and gym for the entire survey Brown Long-eared bats foraging
B10 (Gym)	18 th June 2025	MBP, MF, BP	Temperature : 21°C Cloud Cover: 0/8 Humidity: 71% Wind Speed: 4 mph	No Emergence from building Lots of Pips commuting across school site to woodland behind Gym/Youthwing and then constant foraging in dark corridor between buildings and woodland throughout survey Brown Long-eared bats foraging in dark corridor
	31 st July 2025	MF, RSS, JH, LB, MBP	Temperature : 17°C Cloud Cover: 1/8 Humidity: 76% Wind Speed: 7mph	No Emergence from building Pips commuting across school site to forage in the woodland corridor behind the youth wing and gym Brown Long-eared bats foraging in dark corridor

	7th May 2025	MBP, BB, MF, RSS	Temperature : 14°C Cloud Cover: 5/8 Humidity: 75% Wind Speed: 3mph	No Emergence from building Constant foraging in the woodland corridor behind the youthwing and gym for the entire survey Brown Long-eared bats foraging
B11 (Astroturf Building)	3 rd July 2025	MF, MBP, RSS, JH	Temperature : 18°C Cloud Cover: 1/8 Humidity: 68% Wind Speed: 6mph	No Emergence from building
B12 (Science Portacabin)	20 th May 2025	MF, LB, BB, MBP	Temperature: 15°C Cloud Cover: 7/8 Humidity: 64% Wind Speed: 5mph	No Emergence from Building
B13 (Welsh Block)	20 th May 2025	MF, LB, BB, MBP	Temperature: 15°C Cloud Cover: 7/8 Humidity: 64% Wind Speed: 5mph	No Emergence from building Pips commuting across top of buildings to woodland
	25 th June 2025	MBP, MF, CA, RSS, BB	Temperature : 18°C	No Emergence from Building

			Cloud Cover: 8/8 Humidity: 89% Wind Speed: 5mph	Pips commuting along side of Welsh block too woodland edge, occasional foraging in front of the welsh block (by bin store)
B14 (Hall & Swimming Pool)	11 th June 2025	LB, MBP, RSS, RR	Temperature : 19°C Cloud Cover: 2/8 Humidity: 74% Wind Speed: 6mph	No Emergence Pips commuting along field edge of building throughout survey and foraging along the culvert/grassed bank throughout High level of pip foraging between hall and science block throughout survey
	15 th September 2025	MBP, MF, BP, LH	Temperature : 15°C Cloud Cover: 6/8 Humidity: 73% Wind Speed: 17mph	No Emergence Pips commuting and foraging along field side of building throughout survey

4 SUMMARY OF RESULTS

Two bat roosts have been identified in the Old Block. 5 brown long-eared bats emerged from the ridge of the W elevation on the 7th May 2025. This survey was focusing on the Asbestos Roof building next to the Old Block, however, a section of the Old Block was caught within a cameras field of view and upon analysis the emergences were picked up.

A single Common Pipistrelle emerged from the soffit of the Old Block on the 20th August 2025.



Figure 2 Old Block Roost Locations

5 RECOMMENDATIONS

Below are recommendations to mitigate the impacts of the development on the biodiversity of the site. Opportunities for compensation and enhancement are also identified.

5.1 EPS LICENSE REQUIRED

The demolition of the old block will be subject to an EPS license from NRW.

A custom bat house will be built on the site to mitigate for the loss of the bat roosts in the old block. There is a small asbestos roof building on the West boundary of the site, next to elevation of the old block where the bat roosts are present.

This will be converted into a bat house prior to any works taking place on the Old block that could affect the bat roosts. The building will be reroofed with a pitched slate roof; bat access will be incorporated into the ridge tiles; internally it will be insulated and microclimates will be created inside to allow a variety of roost types to support the brown long-eared bats, and pipistrelle bat, which will be moved from the Old Block.

The current design of the bat house has not yet been finalised due to the early stage of the scheme design.

The old block demolition will take place under an approved method statement: the roof will be stripped by hand under ecological supervision; any areas where bats could roost will be stripped by hand sensitively; any bats that are found during this process will be carefully moved by a licensed ecologist into the bat house.

5.2 SOFT STRIP OF BUILDINGS

None of the other buildings contain bat roosts so will not be subject to an EPS license. However, due to the high potential of some of them containing features that could be used by roosting bats and the presence of a bat roost on site, all other buildings will be subject to a soft strip at an appropriate time of year. At least 1 week prior to demolition starting. Figure 3 shows the proposed timetable.

Demolition is proposed to start April 2026 with the removal of 3 portacabins located near the existing staff car park. The Caretakers cottage is also scheduled for demolition in May-August 2026. There is ivy present on several elevations so this will be hand removed in February 2026 to remove bird nesting potential from the building. The ridge tiles soffits and fascia's will also be removed under supervision

Demolition Durations

Building 1 [Reception and Teaching block] – 13/03/28 for 7 weeks
 Building 2 – 28/02/28 for 8 weeks
 Building 3 – 27/03/28 for 7 weeks
 Building 4 – 12/04/28 for 5 weeks
 Building 4a – 26/04/28 for 5 weeks
 Building 5 – 20/03/28 for 7 weeks
 Building 6 – 12/04/28 for 6 weeks
 Building 7 – 4/05/28 for 5 weeks
 Building 8 – 26/04/28 for 7 weeks
 Building 9 – 13/03/28 for 16 weeks [scaffold erected for roof strip prior to demolition start date of the 13/03/28]
 Building 10 to 12 – Demountable Classrooms demolished April / May 2026
 Building 13 – Old caretakers house [Demolition May to August 2026]
 Building 14– 20/02/28 for 2 weeks

BLOCK 9 HAND DEMOLITION OF ROOF TO COMMENCE MID MARCH 2028 AND FINISH NO LATER THAN MID MAY 2028.

Figure 3 - Demolition duration

All soffits, bargeboards, fascias and ridge tiles will be stripped by hand under ecological supervision. If a bat is found, works will stop and NRW consulted.

Llangatwg Community Comprehensive School

Phase 2 - Demolition - Bat Mitigation

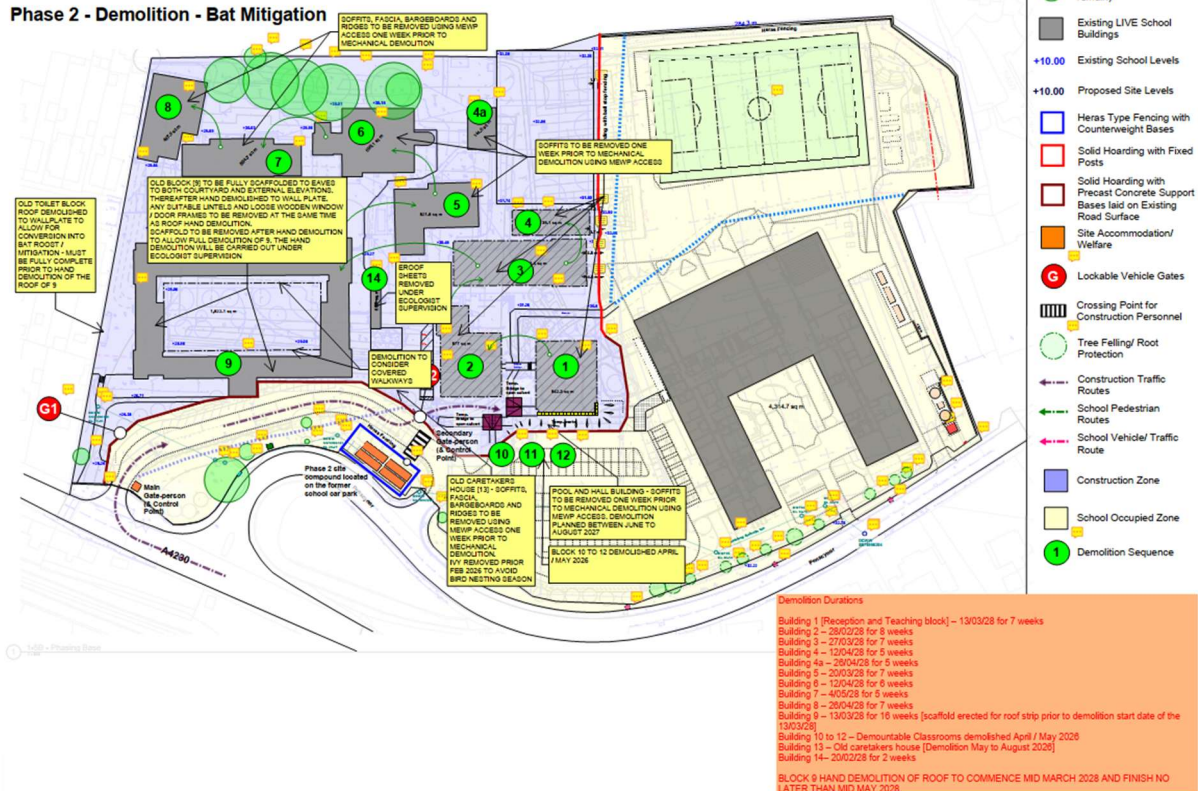


Figure 4 Proposed demolition timetable

5.3 IMPORTANT FLIGHTLINES AND FORAGING AREAS

During the emergence surveys, important foraging areas and commuting routes were recorded.

Pipistrelle bats flew across the school site in three general routes – shown on figure 6 with blue arrows.

There were two heavily used foraging areas shown on figure 6 as green lines.

The proposed scheme will alter the commuting pathways: the western one will remain and be enhanced by planting (the bat house is also located on this flight line); a new flightline to the east of the existing playing field will be created by planting, which will allow bats to commute to the woodland area along the North boundary. Lighting will be kept to a

minimum along these areas and a lighting plan will be designed with input from the project ecologist.

The foraging area along the east of the existing school will also be lost but there is planting around the site to mitigate for this and the naturalisation of the brook will create a new foraging area.

The foraging area long the north boundary behind the existing buildings is the most heavily used area. This area will be kept dark during the proposed scheme and protected.



Figure 5 - Important foraging and commuting routes

5.4 SOFT LANDSCAPING AND PLANTING

The proposed scheme will be removing an amenity grass playing field along with a few trees and areas of shrub.

None of these are of high biodiversity value; however, to comply with Planning Policy Wales 12 Chapter 6, all trees will be replaced on a 3:1 compensatory basis.

The current landscaping proposals are not finalised; however, all planting will be of native or wildlife friendly species. Figure 6 below shows the proposed landscaping and the wildlife corridors/areas that will be formed across the new school site such as the forest school area and naturalised brook.

6 REFERENCES

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7 APPENDICES

APPENDIX A – PLANNING AND LEGISLATIVE CONTEXT

Planning Policy Context

The proposed redevelopment of Llangatwg Comprehensive School falls under the jurisdiction of Neath Port Talbot County Borough Council and must comply with national and local planning policies relating to biodiversity and protected species.

Key planning documents include:

- **Planning Policy Wales (Edition 12)**
Paragraph 6.4.5 of PPW requires that development proposals must not cause unacceptable harm to biodiversity and must demonstrate how they will maintain and enhance ecological networks and ecosystem resilience.
- **Environment (Wales) Act 2016**
Section 6 of the Act places a duty on public authorities to seek to maintain and enhance biodiversity in the exercise of their functions. Section 7 lists species and habitats of principal importance for the purpose of conserving biodiversity in Wales, including all UK bat species.
- **Well-being of Future Generations (Wales) Act 2015**
This Act requires public bodies to consider long-term impacts and promote a resilient Wales, which includes protecting and enhancing biodiversity as part of sustainable development.
- **Local Development Plan (Neath Port Talbot)**
The LDP includes policies that safeguard Sites of Importance for Nature Conservation (SINCs), ancient woodland, and protected species. Development proposals must demonstrate how ecological impacts will be avoided, mitigated, or compensated.

Legislative Framework for Bats

All bat species in the UK are protected under the following legislation:

- **Conservation of Habitats and Species Regulations 2017 (as amended)**
Bats are European Protected Species (EPS). It is an offence to:
 - Deliberately capture, injure or kill a bat.
 - Deliberately disturb bats in a way that affects their ability to survive, breed, rear young, or hibernate.

- Damage or destroy a breeding site or resting place (roost), even if bats are not present at the time.
- **Wildlife and Countryside Act 1981 (as amended)**
Provides additional protection against intentional or reckless disturbance and obstruction of access to bat roosts.
- **Environment (Wales) Act 2016 – Section 7**
Lists several bat species as being of principal importance for biodiversity conservation, including Common and Soprano Pipistrelle, Noctule, Brown Long-eared, and Horseshoe bats.

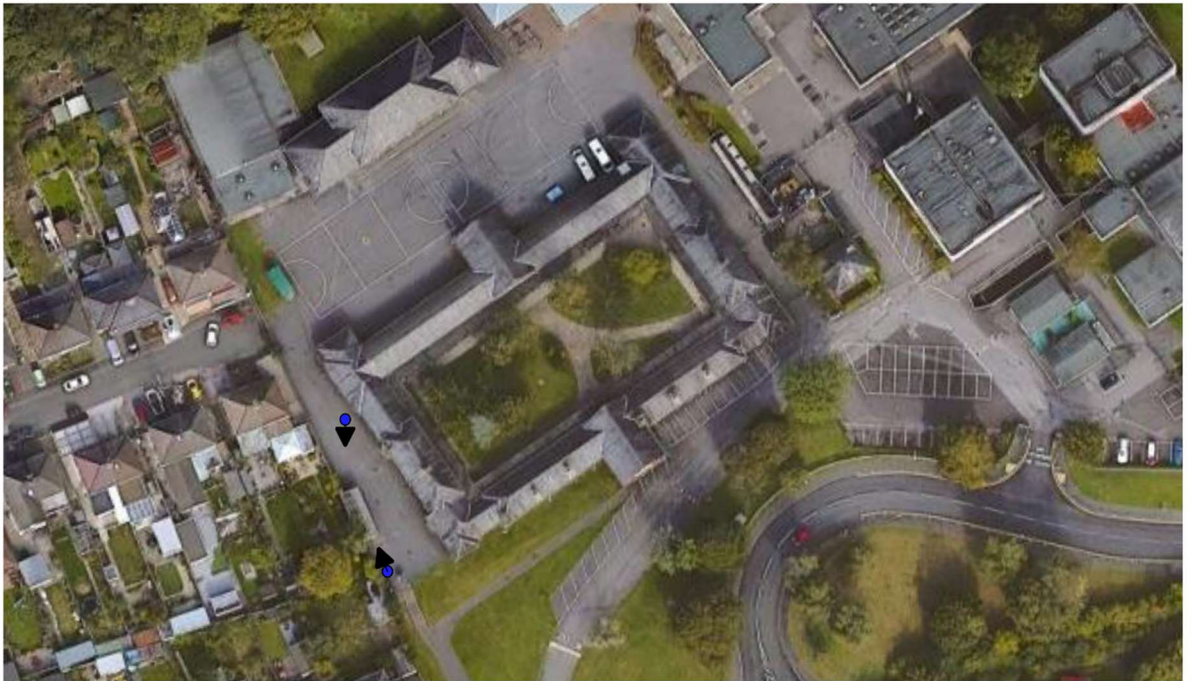
Licensing Requirements

Where development activities risk impacting bat roosts or disturbing bats, a **European Protected Species (EPS) licence** must be obtained from **Natural Resources Wales (NRW)** prior to works commencing. The licence application must be supported by:

- Detailed survey data
- Impact assessment
- Mitigation and compensation strategy
- Method statement and monitoring plan

Failure to obtain a licence where required may result in legal action and delays to the development programme.

APPENDIX B – THERMAL CAMERA LOCATIONS



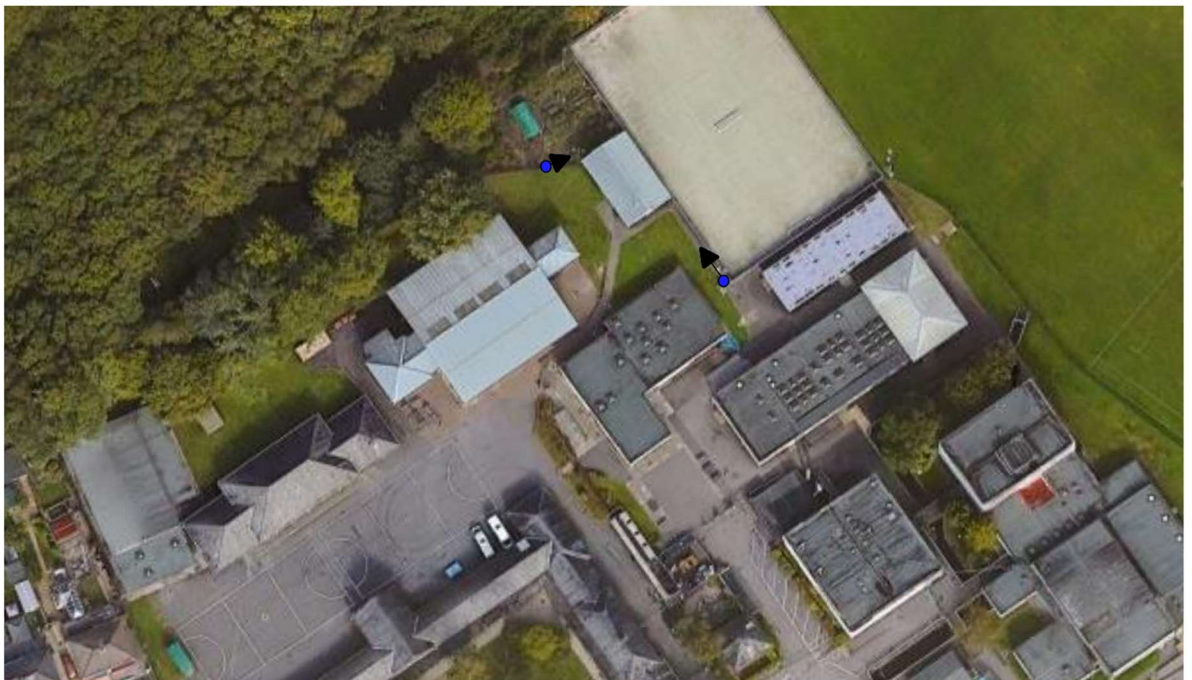
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Plan showing position and approximate direction of Thermal Cameras - Asbestos Roof Building

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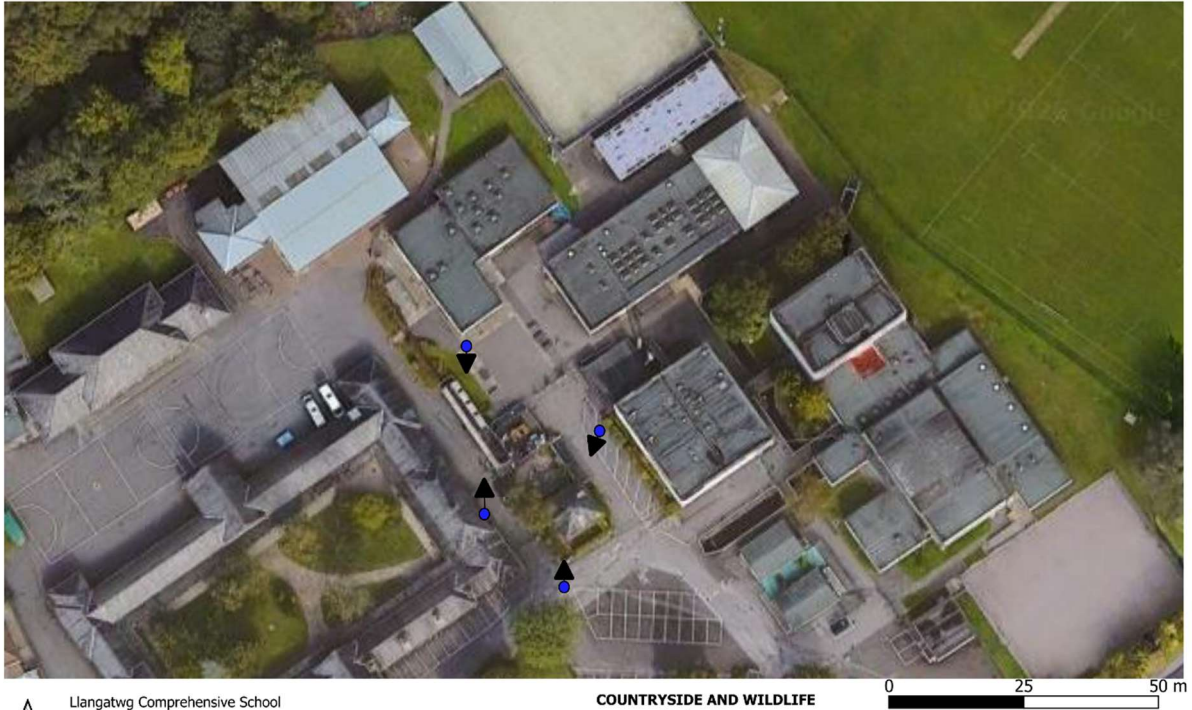
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Plan showing position and approximate direction of Thermal Cameras - Astroturf Building

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Plan showing position and approximate direction of Thermal Cameras - Caretakers Cottage and Arches

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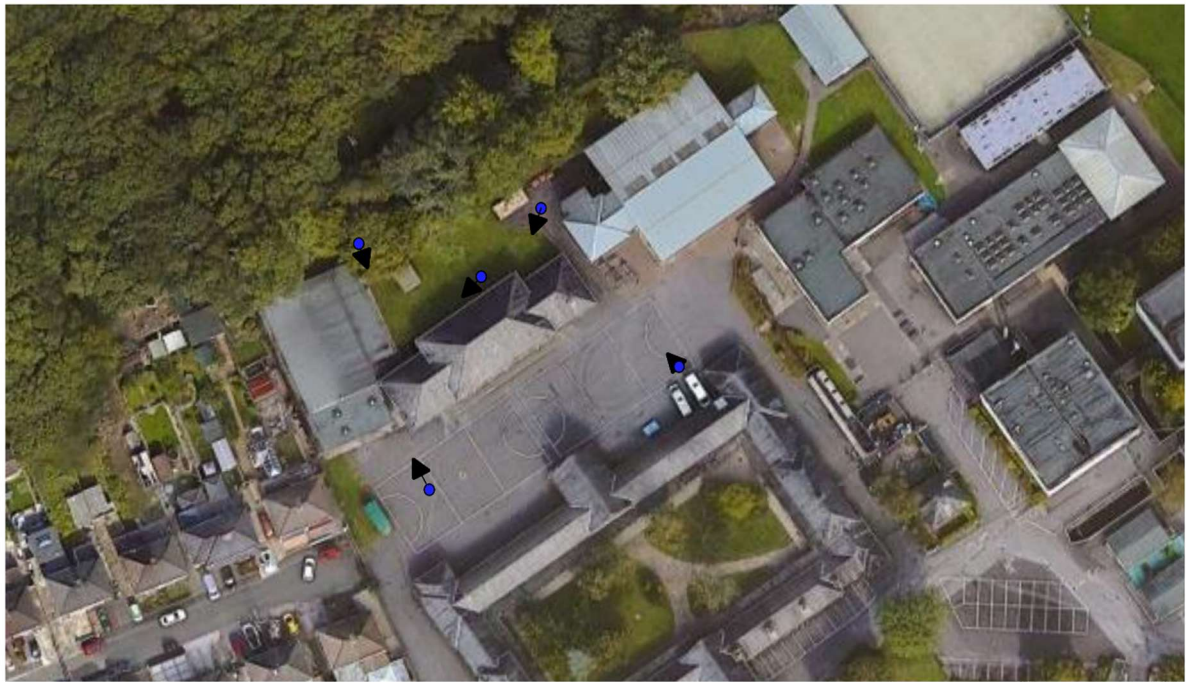
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Plan showing position and approximate direction of Thermal Cameras - DT Block

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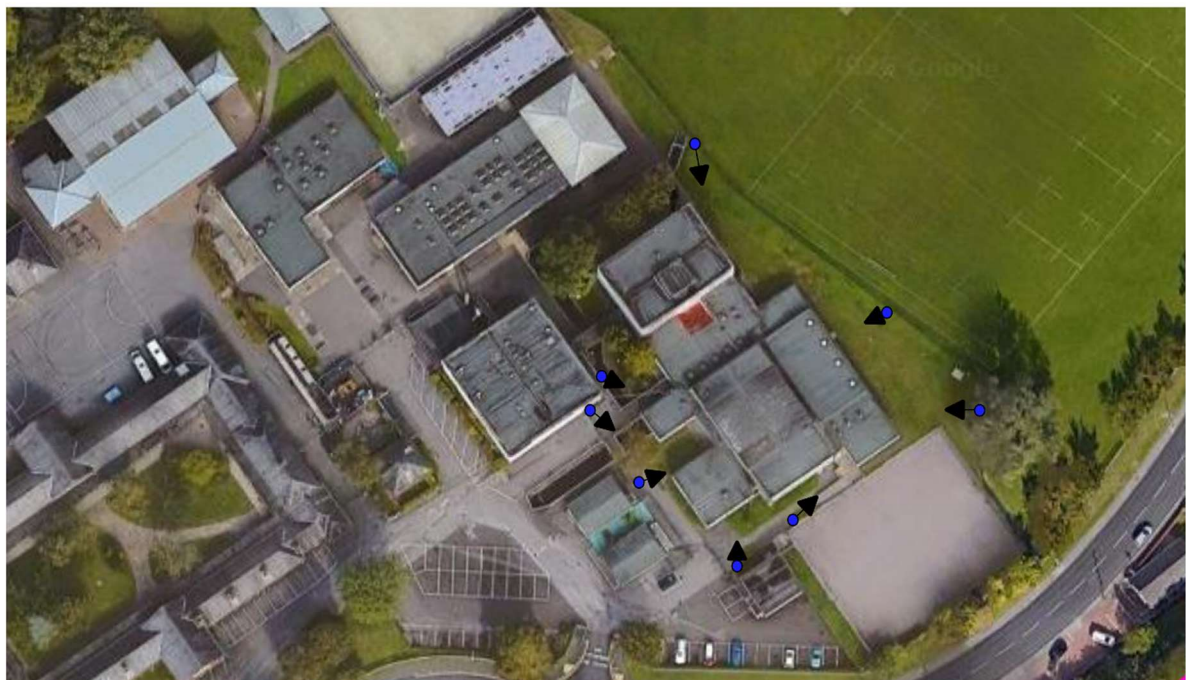
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Plan showing position and approximate direction of Thermal Cameras - Gym

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Plan showing position and approximate direction of Thermal Cameras - Hall & Swimming Pool

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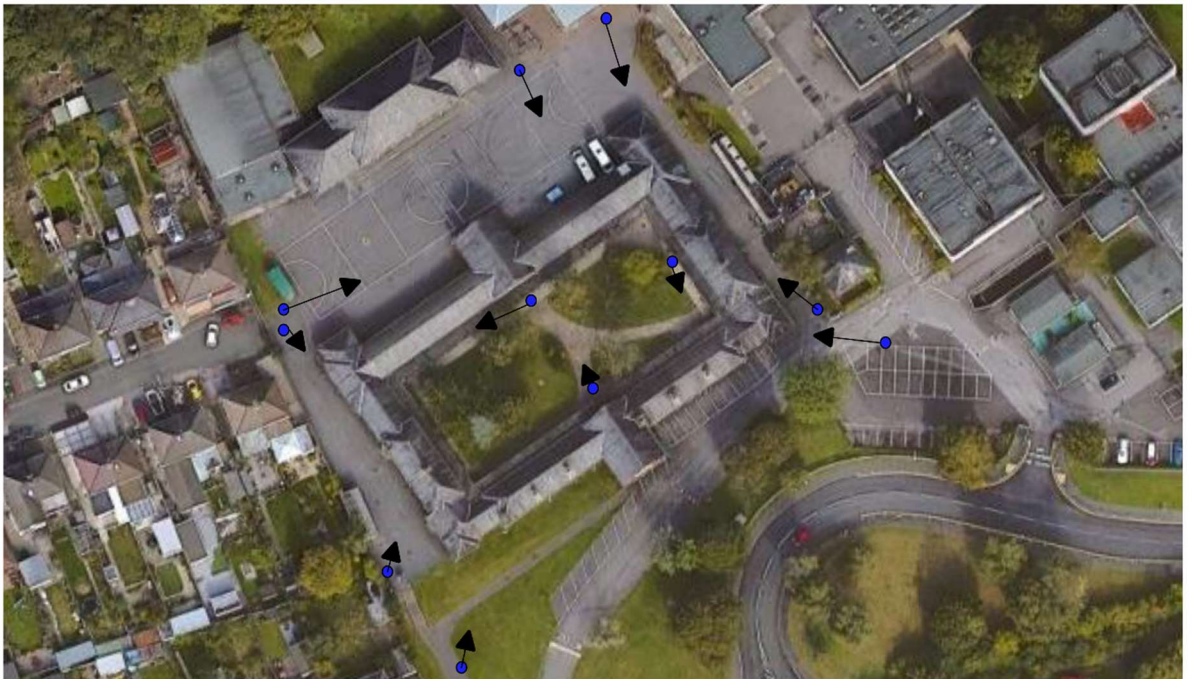
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Plan showing position and approximate direction of Thermal
Cameras - New Block

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Plan showing position and approximate direction of Thermal
Cameras - Old Block

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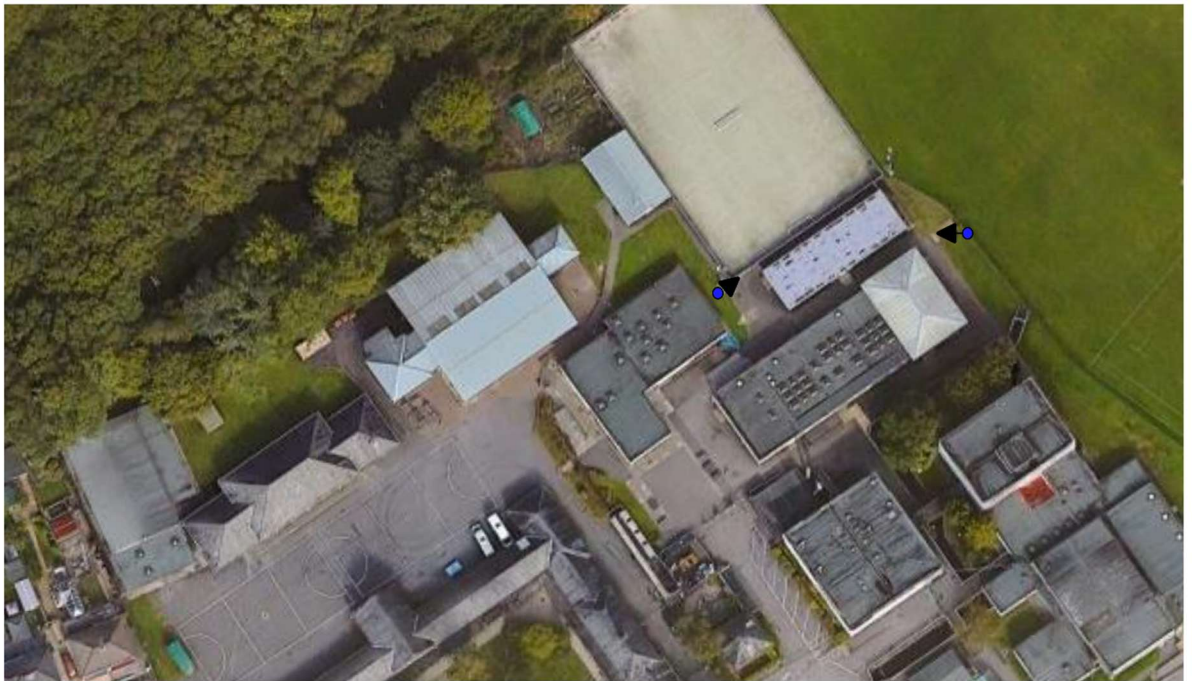
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Plan showing position and approximate direction of Thermal Cameras - Portacabins

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NPT Wildlife Brwyd Gwylt CNP
CYMRU CASTELL-NEDD PORT TALBOT
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Plan showing position and approximate direction of Thermal Cameras - Science Portacabin

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Plan showing position and approximate direction of Thermal Cameras - Science Block

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Plan showing position and approximate direction of Thermal Cameras - Welsh Block

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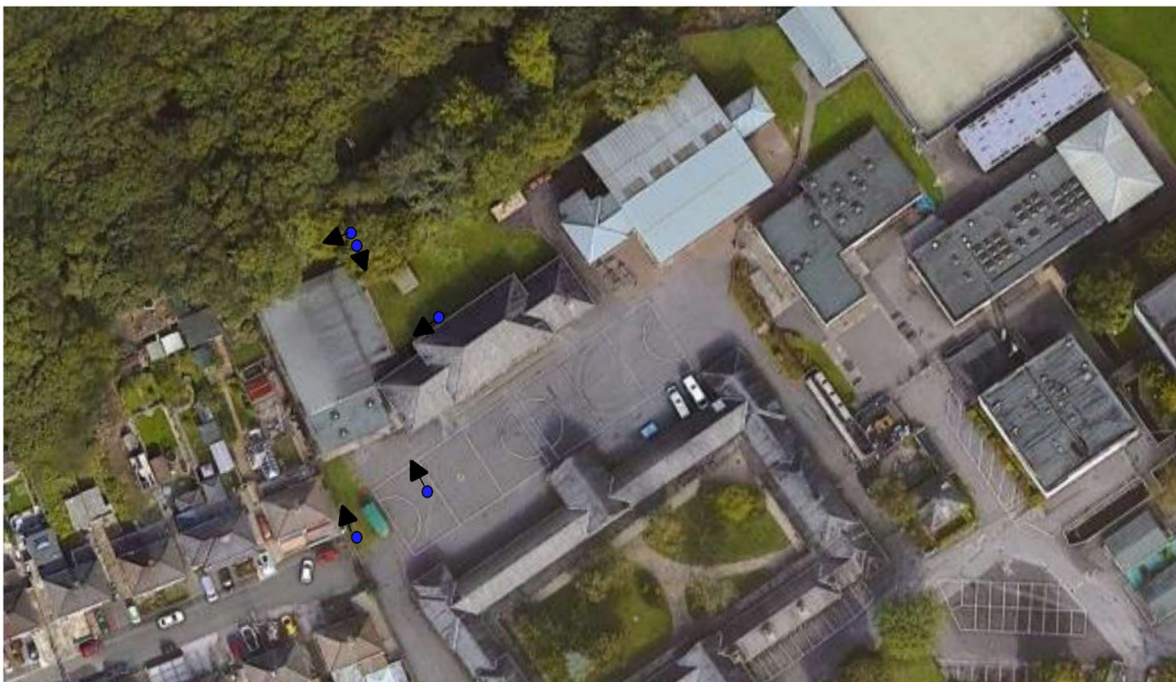
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Plan showing position and approximate direction of Thermal
Cameras - Youth Wing

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