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24 Park Street, Wrexham

Bat and Bird Survey

For

ClwydAlyn Housing

July 2023

3272/11

24 Park Street, Wrexham

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Prepared by: Katy Morris Date: 19/07/2023

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Approved by: Donna Hall Date: 09/08/2023

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1 Llys Clwyd, Cwrt Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1NJ

email: rml@rmlconsult.com web: www.rmlconsult.com

Tel: +44(0)1824 704366

Registered in England and Wales No. 1848683 VAT Reg No. 401 424 313

Bat and Bird Survey and Report

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Executive Summary

Richards, Moorehead and Laing (RML) Ltd were commissioned by ClwydAlyn Housing, to undertake a Preliminary Roost Assessment and bat emergence survey of 24 Park Street, Wrexham.

It is understood that planning permission will be sought for the demolition of the property and the construction of two new build homes. A Preliminary Roost Assessment and bat emergence surveys are required to identify any ecological constraints in relation to bats. In addition, an appraisal of the habitats of the site was undertaken to inform this report. The survey was undertaken on the 19th July 2023 by RML.

This report presents the findings of both the Preliminary Roost Assessment (PRA) and the bat emergence survey.

No Section 7 habitats would be disturbed/lost and no effects on statutory or non-statutory sites are envisaged. The site is of low biodiversity value. The site has little value for protected or notable species, and none were recorded on site. No evidence of bats or nesting birds were noted, however as these are both mobile species, Reasonable Avoidance Measures (RAM's) have been advised.

Biodiversity enhancements including the provisions for bats and nesting birds have been advised.



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1 INTRODUCTION

1.1 Background

1.1.1 Richards, Moorehead and Laing (RML) Ltd were commissioned by ClwydAlyn Housing, to undertake a bat and bird survey, to include a Preliminary Roost Assessment (PRA) and bat emergence survey of a property, which is located on Park Street, Wrexham, at central OS grid reference SJ 33304 51312, referred to as 'the site' here after.

1.1.2 It is understood that planning permission will be sought for the demolition of the existing building and the construction of two new build homes. The survey assessment and report are required to identify any ecological constraints. The survey was undertaken on the 19th July 2023 by RML.

1.2 Site location and description

1.2.1 A site location plan and exiting floor plans are provided in **Appendix A**.

1.2.2 The site lies on Park Street, within a residential area of Wrexham. The surrounding townscape is of residential terraced type dwellings with on street parking, with a Hall adjacent to the site.

1.2.3 The site is approximately 0.0349 Ha.

1.3 Survey objectives

1.3.1 This report presents the methodology and results of a desk study, habitat appraisal, PRA and bat emergence survey, as well as making initial recommendations for potential mitigation and enhancement measures to inform a future application for planning permission for the site.

1.3.2 The aims of the survey and report are to:



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- Conduct a Preliminary Roost Assessment (PRA) to assesses the potential of the structures to support bats and nesting birds and to check for evidence of both species;
- Conduct an activity survey to determine which, if any, bat species utilise the site;
- Identify the likely ecological constraints associated with the proposed Scheme; and
- Identify any avoidance and/or mitigation measures to ensure compliance with nature conservation legislation and to highlight any potentially significant ecological effects.

1.4 Scheme proposal

1.4.1 The proposal is for the demolition of the existing properties, 24 Park Street, Wrexham and the construction of two new build homes.

1.4.2 A proposed site plan and designs current at the time of writing are provided in **Appendix B.**

1.5 Personnel assurance

1.5.1 Ecologist Katy Morris led the PRA and emergence survey. Katy Morris is a Qualifying member of CIEEM. Katy has a BSc in Environmental Science from Liverpool John Moores University. She has a keen interest in bats. Katy has experience of surveying bats, dormice, otters, reptiles, and great crested newts. She is also proficient in Phase 1 habitat surveys and is extending her repertoire to include invertebrates, NVC habitat surveys and QGIS. Katy is currently involved in numerous voluntary bat activities, including roost monitoring, bat care and handling.

1.5.2 Assistance was provided by Ecologist & Environmental Scientist Dr Adam Lynch. Adam has a strong background in biological and environmental research, with a PhD in ecotoxicology which was a hybrid of his previous research interests (ecology and parasitology), looking at the effects of water pollution on aquatic parasite



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transmission. During his academic career he also gained practical experience in environmental work assisting licenced ecologists from RML in performing activities such as newt and bat surveys. Adam currently divides his time between ecological clerk of works duties and ecology, notably habitat, reptile, and entomological surveys.

- 1.5.3 Report review and approval was conducted by Principal Ecologist Donna Hall. Donna is a full member of CIEEM with over 19 years of experience working within multi-disciplinary consultancies. Donna holds European Protected Species survey licenses for bats and great crested newts which cover all counties in England and Wales and has been involved in numerous surveys and development licenses for both of these species.



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2 LEGISLATION AND PLANNING POLICIES

2.1 Habitats and species

- 2.1.1 Certain habitats and species are subject to protection as laid out in the Wildlife & Countryside Act 1981 (WCA 1981) (as amended)¹ and/or the Conservation of Habitat and Species Regulations 2017 (the 2017 Regulations)² as amended.
- 2.1.2 For a summary of the offences under this legislation refer to **Appendix C**.

2.2 Environment (Wales) Act 2016

- 2.2.1 The Environment (Wales) Act 2016³ introduces a new, enhanced 'Biodiversity and Resilience of Ecosystem Duty' on public bodies to ensure that biodiversity is an integral part of decision-making. Public authorities will be required to report on the actions they are taking to improve biodiversity and promote ecosystem resilience.
- 2.2.2 Section 6 of the Act places a duty on public authorities to seek to maintain and enhance biological diversity (referred to as biodiversity). All public bodies, statutory undertakers, Ministers of the Crown and other public office holders are required to apply the duty when they are carrying on any functions in Wales, or in relation to Wales.
- 2.2.3 Section 7 of the Act is similar to the duty in section 42 of the Natural Environment and Rural Communities Act (NERC) 2006 which it replaces. It places a duty on the Welsh Ministers to publish, review and revise lists of living organisms and types of habitats in Wales which they consider are of key significance to sustain and improve biodiversity in relation to Wales.

¹ HMSO, 1981. The Wildlife & Countryside Act 1981 (as amended), Norwich: Her Majesty's Stationary Office
<https://www.legislation.gov.uk/ukpga/1981/69>

² HMSO, 2017. The Conservation of Habitats and Species Regulations 2017: Her Majesty's Stationary Office
<https://www.legislation.gov.uk/uksi/2017/1012/contents/made>

³ Environment (Wales) Act 2016 (<https://www.legislation.gov.uk/anaw/2016/3/contents/enacted>)



2.3 Planning Policy Wales (Edition 11, 2021)

2.3.1 Edition 11 of PPW was published in February 2021⁴. Chapter 6 of PPW 11: '*Distinctive and Natural Places*' details objectives in relation to nature conservation, as well as several other environmental topics. These include but are not limited to:

- Integrating Green Infrastructure and Development;
- Biodiversity and Resilience of Ecosystems Duty (Section 6 Duty);
- Protection and Management of Designated Sites;
- Protection for Non-statutory Designations;
- Maintaining and Enhancing Biodiversity;
- Protection of Species;
- Protection of Trees, Woodlands and Hedgerows; and,
- Protection of coastal areas.

2.4 Technical Advice Note 5

2.4.1 Technical Advice Note (TAN) 5 (Welsh Assembly Government 2009)⁵ relates to nature conservation and planning and provides advice about how the land use planning system should contribute to protecting and enhancing biodiversity and geological conservation. The TAN provides advice for local planning authorities on:

- The key principles of positive planning for nature conservation;
- Nature conservation and Local Development Plans;
- Nature conservation in development management procedures;

⁴ https://gov.wales/sites/default/files/publications/2021-02/planning-policy-wales-edition-11_0.pdf

⁵ Technical Advice Note 5: Nature Conservation and Planning (<https://gov.wales/docs/desh/policy/100730tan5en.pdf>) as supplemented



- Development affecting protected internationally and nationally designated sites and habitats; and,
- Development affecting protected and priority habitats and species.

2.5 Development Plans and other planning policy

2.5.1 The site lies within the administrative area of Wrexham County Borough Council (WCBC). The current Development Plan is the Wrexham Unitary Development Plan, which was adopted in February 2005. In future this will be replaced by the Wrexham Local Development Plan⁶. WCBC have approved a series of local planning guidance notes which amplify the Development Plan policy, guidance note 32 relates to Biodiversity and Development.

2.6 Biodiversity Policy and Net Benefits for Biodiversity

2.6.1 Wales Biodiversity Partnership (WDP) have produced biodiversity checklists for local authority and public authority staff in Wales. The checklists will assist public and local authorities to take account of biodiversity in their operational activities and will help organisations to remain legal under the Environment (Wales) Act (2016) Biodiversity Duty and other biodiversity related legislation. In addition, the implementation of the checklists and guidance will help build towards the biodiversity outcomes contained in the Environment Strategy for Wales.

2.6.2 Any planning proposal must demonstrate that it has both maintained and enhanced biodiversity and built resilient ecological networks. Biodiversity enhancements that achieve Net Benefits for Biodiversity (NBB) must be delivered following (i.e., additionally to) implementation of the stepwise approach of firstly avoiding, then minimising, mitigating and as a last resort compensating for, adverse impacts on the environment in a development. Finally, where the adverse effect on the environment

⁶ Wrexham Local Development Plan 2 (LDP2) 2013 to 2028



clearly outweighs other material considerations, the development should be refused. This process is detailed in Planning Policy Wales 11 (para. 6.4.21, p. 142).

- 2.6.3 A net benefit for biodiversity can be achieved through a range of actions, ranging from bat and bird boxes to large-scale creation, and/or restoration or long-term management of habitats.



Office 1, Llys Clwyd Cwrt Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1NJ
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3 METHODOLOGY

3.1 Desk study

3.1.1 The North Wales Environmental Information Service (COFNOD) was contacted on the 19th July 2023 to obtain the following ecological data:

- Details of any statutory and non-statutory nature conservation designations within 500 m of the site; and
- Details of any bat and roof nesting birds within 500 m.

3.1.2 A copy of the public records available from COFNOD is provided in **Appendix D**.

3.2 Field Survey

Preliminary Roost Assessment

3.2.1 The Bat Survey Good Practise Guidelines (BCT, 2016)⁷ were used as a basis to evaluate the buildings, trees, and surrounding habitat for its potential to support bats, as summarised in **Table 2**.

⁷ Collins, J. (ed) (2016) Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd Edition). The Bat Conservation Trust, London



Bat and Bird Survey and Report

Table 2. Bat Conservation Trust (BCT) assesment of Potential Roost Features (PRF)

Suitability	Description of roosting habitats	Commuting and foraging habitats
Negligible	Negligible habitat features on site likely to be used by roosting bats.	Lack of vegetation and foraging habitat within vicinity of the site and no connections to semi-natural habitats. Site located in a highly urbanised environment.
Low	A structure with one or more potential roost sites that could be used by individual bats opportunistically but unlikely to be suitable for maternity or hibernation. No visible features within tree structure such as crevices, holes in trunk, hazard beam splits. However, it may have ivy cladding and hidden features due to the size and age of the tree.	Small amount of isolated habitat on site providing a potential foraging resource i.e., a single tree or a patch of introduced shrub. Maybe linked to small amount of adjacent semi-natural habitat surrounding site, however there are no distinct links to habitat further away.
Moderate	A structure or tree with one or more potential roost features that could be used by a larger number of bats but unlikely to support a roost of high conservation concern.	Suitable continuous habitat with good connectivity to the wider landscape such as trees, scrub, hedgerow, grassland.
High	A structure or tree with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and offers more long-term security and likely to support a roost of high conservation concern.	Site is close and connected to known roosts. The site habitat is of high quality for foraging bats and includes features such as woodland, tree lined water courses, field margins and hedgerows. The site is well connected within the landscape to surrounding habitats and strong linear features such as hedgerows and tree lines extend from the site to the wider landscape.
Confirmed	Presence of field signs indicative of a bat roost including staining and scratch marks around a potential roost entry point combined with the following; urine staining, droppings clustered beneath a potential roosting feature and the presence of live or dead bats.	N/A



- 3.2.2 A detailed external and internal assessment of the properties subject to demolition was undertaken on the 19th July 2023. This involved checking for bats and any direct evidence of bats (e.g., droppings, staining, feeding remains etc). As well as identifying any potential access points into the structure which could be used by bats and the overall roost potential of the building.
- 3.2.3 The surveyors were equipped with a high-powered torch, close-focus binoculars, ladder, camera and endoscope.

Bat activity survey

- 3.2.4 One emergence survey was conducted on 19th July 2023 with two surveyors present.
- 3.2.5 The survey started 15 minutes before sunset and continued for 1 hour and 30 minutes after sunset. Surveyors were equipped with Anabat Scout bat detectors, to record bat call data for later analysis, and Night Vision Aids (NVAs) thermal imaging monocular x 2. During the activity survey any bat activity was noted by the surveyors, including species, the locations of any emerging bats, flight paths and general activity, commuting foraging etc and the timings of these encounters.
- 3.2.6 One surveyor was located at the front of the property and the second surveyor was located at the rear of the property. Surveyor locations are shown on a plan in **Appendix E**.

Static Detector Survey

- 3.2.7 In addition to the activity survey, an automated monitoring survey was undertaken using static bat detectors (Anabat Swift) to record bat activity over a continuous period. These were deployed within the basement of the site from 19/07/2023 to 27/07/2023 and in the loft from 27/07/2023 to 01/08/2023.
- 3.2.8 The recordings from the static detectors were used to identify species of bat within the site and measure levels of activity throughout the night. This method is often



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used in picking up hard to detect bats such as brown long eared bats (*Plecotus auratus*), which have weak calls and are not always detected using handheld devices.

- 3.2.9 The detectors were programmed and positioned by an ecologist with suitable training in static detector functionality and deployment.

3.3 Data analysis

Activity survey

- 3.3.1 Recordings made with the Scout detectors were later analysed in the office by a suitably trained/experienced ecologist using Anabat Insight software. Using the Batclassify species auto ID plugin set at 70% ID certainty threshold, to identity species encountered, calls were then manually checked by a competent bat ecologist to ensure ID accuracy.
- 3.3.2 Video footage obtained from the thermal NVA's was analysed by a suitably trained/experienced ecologist.

Static detector survey

- 3.3.3 After completion of the survey period, the detectors were retrieved from the site, data was downloaded and then analysed both using Anabat Insight and manually checking by a suitably experienced ecologist. The static detector data was used to assess the following.
- Species present within the site;
 - Frequency of the bat activity; and
 - Frequency of individual species activity.

3.4 Nesting bird checks

- 3.4.1 During the bat survey, any evidence of nesting birds was noted and reported on.



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3.5 Limitations

- 3.5.1 In flat 1 shown in **Appendix A**, there was a small hole in the floor which indicated that there was a cellar under the floor, but there was no access at the time of survey. There was no access for bats to this cellar and no connecting access from one cellar to the other. The hole in the floor had been made in the days prior to survey, during the asbestos checks.



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4 RESULTS

4.1 Desk study

Statutory designated sites

4.1.1 There are no statutory designated sites within 0.5 km of the site.

Non-statutory designated sites

4.1.2 There are no Local Wildlife Sites located within 0.5 km of the site.

Bats

4.1.3 There were no records of bats within 0.5 km of the site within the last 10 years. The only recorded bat was 827 m west of the site. The record was for a common pipistrelle (*Pipistrellus pipistrellus*) in 1999.

Birds

No records for birds were returned for the site, the nearest record was for a swift (*Apus apus*) 246 m north in 2021. There were 9 records of 5 different species of birds in the last 10 years, within 0.5 km of the site, these species are shown in



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4.1.4 Table 3.

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Table 3: Bird species within 0.5 km

Scientific Name	English Name	Location from site	Legislative protection
<i>Larus argentatus</i>	Herring gull	213 m north	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR
<i>Falco tinnunculus</i>	Kestrel	247 m south west	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR
<i>Apus apus</i>	Swift	247 m south west	RL-EN, UKBR, WBA
<i>Larus fuscus</i>	Lesser Black-backed Gull	323 m north east	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA
<i>Cyanistes caeruleus</i>	Blue Tit	323 m north east	Bern2, LBAP-C
Key: BAP: UK Biodiversity Action Plan Priority Species BDir2.2: EU Birds Directive Annex 2.2 - Birds which may potentially be hunted within certain member states Bern2: Bern Convention on the Conservation of European Wildlife and Natural Habitats, Appendix 2 - Strictly protected fauna species Bonn2: Bonn Convention on the Conservation of Migratory Species of Wild Animals, Appendix 2 - Migratory Species to be the subject of agreements CITES-A: Convention on International Trade in Endangered Species, Annex A - Species threatened with extinction LBAP: Local Biodiversity Action Plan RL-VU: IUCN Red List of Threatened Species - Vulnerable S7 = Section 7 Species UKBR-G: RSPB/BTO Birds of Conservation Concern – Green list (not based on IUCN criteria), UKBR-A: RSPB/BTO Birds of Conservation Concern – Amber list (not based on IUCN criteria), UKBR-R: RSPB/BTO Birds of Conservation Concern – Red list (not based on IUCN criteria). WCA: Wildlife & Countryside Act 1981, Schedule 1.1 – Birds which are protected at all times.			

4.1.5 A full list of species from the Cofnod data is provided in **Appendix D** along with a plan of species locations as extracted from Cofnod.

4.2 Preliminary Roost Assessment

Building exterior

4.2.1 All photographs are in **Appendix F** and Target Notes are shown in **Appendix G**.



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- 4.2.2 The site consists of one detached property (**Photograph 1 and 2**) divided into four self-contained flats with a cellar/basement and a loft space.
- 4.2.3 The building was constructed of brick with pebble dash covering all the external walls, which were in good condition with no cracks, gaps or crevices observed. The roof was generally in good condition with only a single slipped slate on the rear roof which is illustrated in **Target Notes 1** and **Photograph 3**. The windows were all intact, none were broken and none had any gaps, no bat droppings were observed on any of the window sills.
- 4.2.4 The front of the building had soffit boxes, these were generally intact and were close to the wall with no gaps behind. There were slight gaps at the gable ends shown in **Photograph 4 and 5**. The end of the soffit box was completely missing at the front of the building shown in **Target Note 3**, this is believed to have been removed a couple of days before the survey was carried out, in association with the asbestos assessment of the site, shown in **Photograph 6 and 7**.
- 4.2.5 The rear of the site had fascia boards instead of soffit boxes. These fascia boards were in good condition and were close to the wall leaving no gaps underneath (**Photograph 8 and 9**).
- 4.2.6 The mortar under the roof tiles on the east gable end was in good condition with no gaps. There was some mortar missing on the west gable end as shown in **Photograph 10**.

Building interior

- 4.2.7 The building was vacant and had been for at least 6 months (at time of writing). The interior consisted of four flats, two on each floor. There was no evidence (i.e., bat droppings, feeding remains or bats) in any part of the interior of the site. Examples of the rooms are provided in the photograph reference in **Appendix F**. All the



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windows and doors to the property were sealed and intact with no gaps. No gaps, cracks or crevices were observed in any of the rooms in the property.

loft space

- 4.2.8 There was access into the loft space. The loft space was traditional, with bitumen felt lined tiles and wooden trusses, purlins and rafters. No light was seen to be coming through the roof. No gaps or cracks in the gable wall or the roof were observed. No bat droppings or feeding remains were found.

Basement

- 4.2.9 There was one basement under the west side of the site accessed via a door under the stairs. The basement had stone walls and floor. The ceiling boards had been pulled off revealing the insulation and the wooden joists for the floor above. There were two air vents in the west gable wall. The basement contained cobwebs from cellar spiders (*Pholcidae sp.*).
- 4.2.10 Flat 1 (shown in **Appendix A**) had a small hole in the floor which indicated that there was a cellar beneath, but there was no access at the time of survey. During the survey an inspection was made to see if there was any way in which bats could access these or any adjoining cellars, none was noted either internally or externally.

4.3 Habitats

- 4.3.1 In front of the property was a large area of hardstanding and a smaller area which has been left unmanaged to the south east, with dock (*Rumex obtusifolius*), red valerian (*Centranthus ruber*), dandelion (*Taraxacum spp.*) and willowherb (*Epilobium sp.*). There was a willow (*Salix spp.*) growing close to the site in the south west. There was a stone wall along the boundary with the pavement with a gap to allow off street parking. Along the east and west boundary were stone walls.



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4.3.2 At the rear of the property was a lawned area which had been left unmanaged, with dock, and red campion (*Silene dioica*) the back boundary consisted of a post and panel fence.

4.3.3 There were no trees on site, there were a few trees in a neighbouring property which offers limited connectivity into the wider landscape.

4.4 Protected and notable species

4.4.1 The following section presents the findings of the PRA and emergence surveys, conducted on the 19th of July 2023.

Bats

4.4.2 There were no trees within the surveyed area to provide roosting potential for bats. The building has low potential to support roosting bats. There were no cracks in the walls and no gaps under the roofing material, apart from a slipped tile on the rear roof. No evidence of bats was noted during the inspections.

4.4.3 The weather conditions for the bat emergence survey conducted on the 19th July 2023 were suitable, it was dry and calm with an ambient temperature of 20°C. No bats were seen to emerge from the site. Only one bat was recorded, a soprano pipistrelle (*Pipistrellus pygmaeus*), which was registered at 22:36 by both surveyors. The bat was first heard by surveyor 1 at the rear of the site then by surveyor 2 at the front. When reviewing the thermal footage, the bat was seen to fly in front of the building from east to west. The front of the structure is subject to illumination from nearby properties and streetlamps, whilst the rear is less illuminated.

4.4.4 The static detectors deployed in the basement and loft space detected no bat activity.

Breeding birds

4.4.5 Very limited nesting habitat occurs within the surveyed site. There were no trees, or hedgerows on site, and the site provides very little potential in the way of shelter



Bat and Bird Survey and Report

(i.e., accessible roof voids) for birds to nest on/in, with the exception of minor gaps in the soffit. No evidence of nesting birds was noted during the survey.



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5 EVALUATION AND RECOMMENDATIONS

5.1 Summary

- 5.1.1 The following section discusses the potential effects of the proposed works, current at the time of writing, upon the ecology interest at the site and advises upon methods which can either avoid, mitigate, or compensate for these effects.

5.2 Designated sites and non-statutory sites

- 5.2.1 There are no designated sites within 0.5 km of the site. Due to the distance of the scheme to any designated site, it is not envisaged to have any effect on such locations.
- 5.2.2 There are no non-statutory sites, within 0.5 km of the site. Due to the distance of any non-statutory site, no effects are envisaged.

5.3 Protected species

Bats

Potential effects

- 5.3.1 The structure on site is considered to have a low potential for bats owing to a lack of potential roost features and no evidence of bats detected at the time of the surveys.

Recommendations

- 5.3.2 Based on the external and internal inspections, as well as one dusk emergence survey, the results indicate that the probability of encountering bats is highly unlikely. There is no connecting habitat surrounding the site, and very little in the immediate vicinity.
- 5.3.3 It is advised that no further emergence surveys are required. However, as a precaution, it is recommended that prior to the demolition of the site an inspection by a bat licensed ecologist is carried out. If a bat is discovered at any time during the works, the following procedure would be followed:



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- Works would stop immediately.
- Unless it is in immediate danger, the bat must **only** be handled by an NRW licenced bat surveyor with handling endorsement.
- The ecologist would re-assess the location where the bat was found and determine whether works can continue, and the precautions to take.

5.3.4 The capture and handling of any bats will only be undertaken by **licensed bat workers with handling endorsement**. Injured bats will immediately be taken into care (as directed by The Bat Workers Manual, s7.3, pp. 64-66, 3rd Edition, 2004).

5.3.5 Whether bats are found roosting or not, consideration should be given to the installation of integrated bat boxes into the proposed structures onto a south-east or south-west aspect as a biodiversity net gain, examples of bat mitigation are shown in **Appendix H**.

Breeding birds

Potential effects

- 5.3.6 No evidence of nesting birds was noted during the surveys.
- 5.3.7 The main effect on nesting birds is from the loss of, and disturbance to, habitat which they use, or potentially use for nesting. This effect would be greatest where disturbance is conducted within the nesting bird season (considered to be March-August inclusive but can be later or earlier in the season depending upon local weather conditions).

Recommendations

- 5.3.8 The site offered very little potential for nesting birds; however, it is advised that if this site is demolished within the nesting bird season, then the site should be subject to a nesting bird check by a suitably qualified ecologist. If any active nests are found, then demolition works would need to proceed with caution and an exclusion zone



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around the nest set up, or work stopped until such time that all young have fledged. The advice of a consultant ecologist would need to be sought.

- 5.3.9 Consideration should be given to the installation of bird boxes on the new buildings. Sparrow nest boxes could be placed on the northern and eastern sides of buildings. Example bird boxes are provided in **Appendix H**.

5.4 Further survey requirements

- 5.4.1 The details in this report will remain valid for a period of eighteen months⁸ from the date of the last survey (19/07/2023), after which if no site works have commenced, the validity of this assessment should be reviewed to determine whether further updates are necessary.

⁸ Based on guidance produced by CIEEM on the lifespan of Ecological Reports and Surveys.
<https://cieem.net/wp-content/uploads/2019/04/Advice-Note.pdf>



6 Conclusions

- 6.1.1 This report presents the findings of the PRA and bat emergence survey, which provide an assessment of the potential effects on ecological features which may result from the proposed works.
- 6.1.2 No Priority habitats would be disturbed/lost and no effects on statutory or non-statutory sites are envisaged.
- 6.1.3 The site has little value for protected or notable species, and none were recorded on site.
- 6.1.4 Biodiversity enhancements including the provision for bats and nesting birds have been advised.



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7 References:

- CIEEM (2017) Guidelines on Ecological Report Writing. Chartered Institute of Ecology and Environmental Management, Winchester
- HMSO, 1981. *The Wildlife & Countryside Act 1981 (as amended)*, Norwich: Her Majesty's Stationary Office.
- HMSO, 2016. Environment (Wales) Act 2016.
- HMSO, 2017. The Conservation of Habitats and Species Regulations 2017. (as amended)



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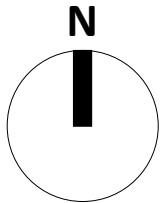
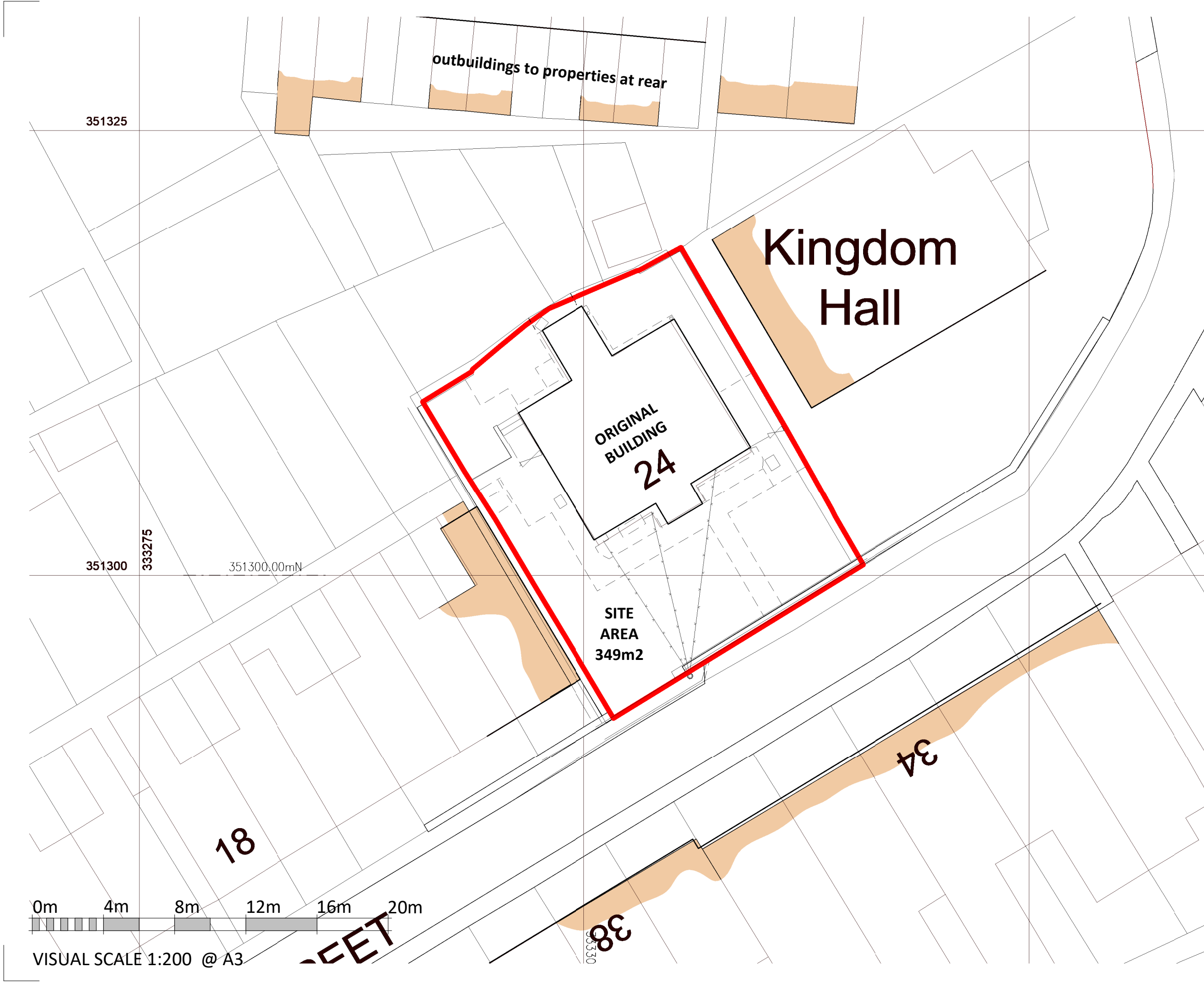


APPENIDX A: Site Location



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A		SURVEY ADDED	10/05/23	TA
REV	DESCRIPTION		DATE	BY

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PROJECT
24 PARK STREET,
WREXHAM LL11 2NN
for CLWYDALYN HA

DRAWING TITLE
LOCATION PLAN

SCALE	@A3	DATE	DRAWN	CHECKED
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DRAWING STATUS
PLANNING

JOB No	DRAWING No	REVISION
C1118	001	A

AG

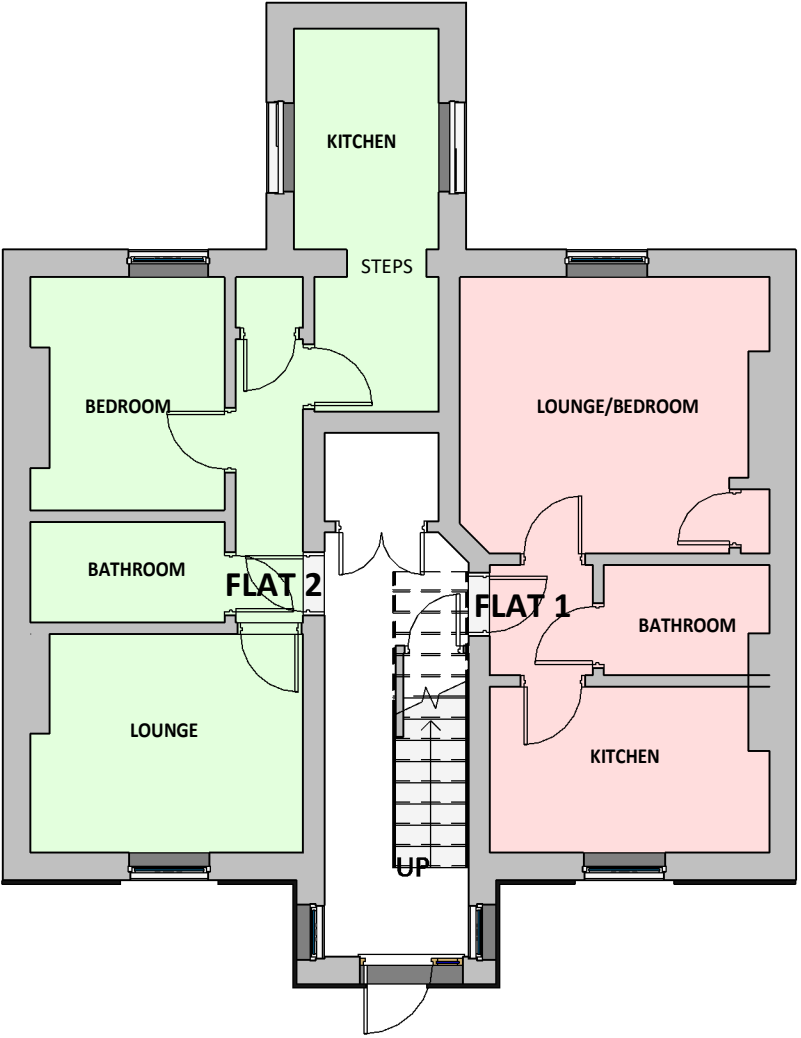
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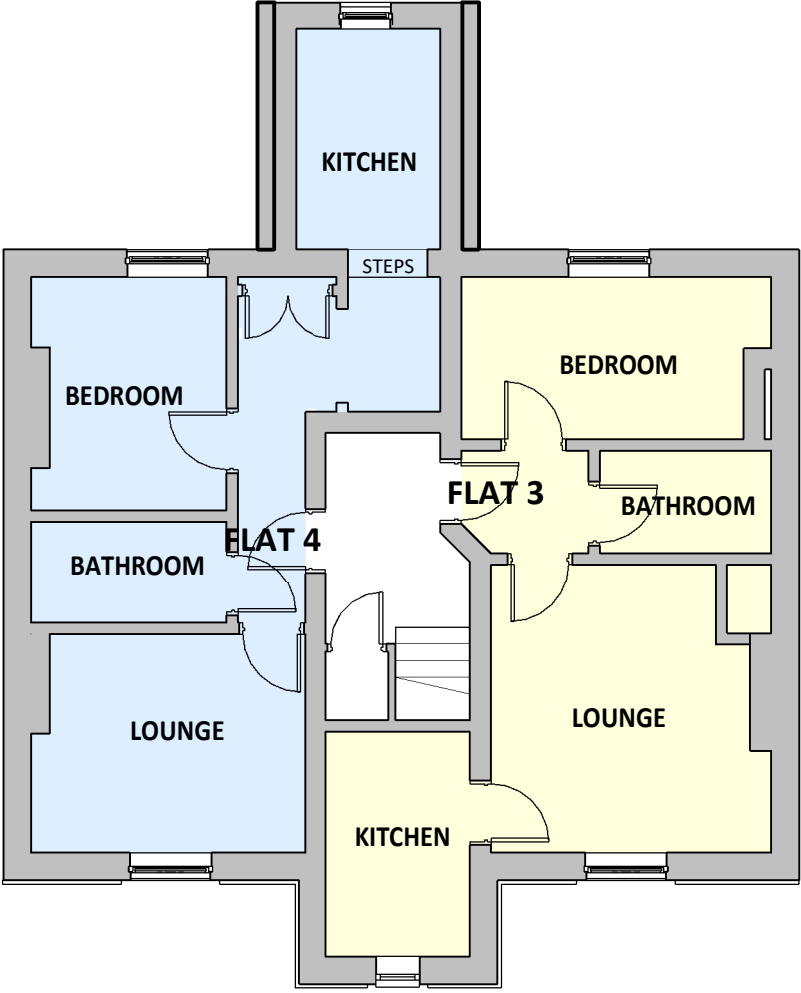
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GROUND FLOOR PLAN

SCALE: 1 : 100



FIRST FLOOR PLAN

SCALE: 1 : 100

REV	DESCRIPTION	DATE	BY

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PROJECT
24 PARK STREET, WREXHAM
LL11 2NN
for CLWYDALYN HA

DRAWING TITLE
EXISTING FLOOR PLANS

SCALE	DATE	DRAWN	CHECKED
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DRAWING STATUS	PLANNING		
JOB No	DRAWING No	REVISION	
C1118	008		

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APPENDIX B: Proposed Plans



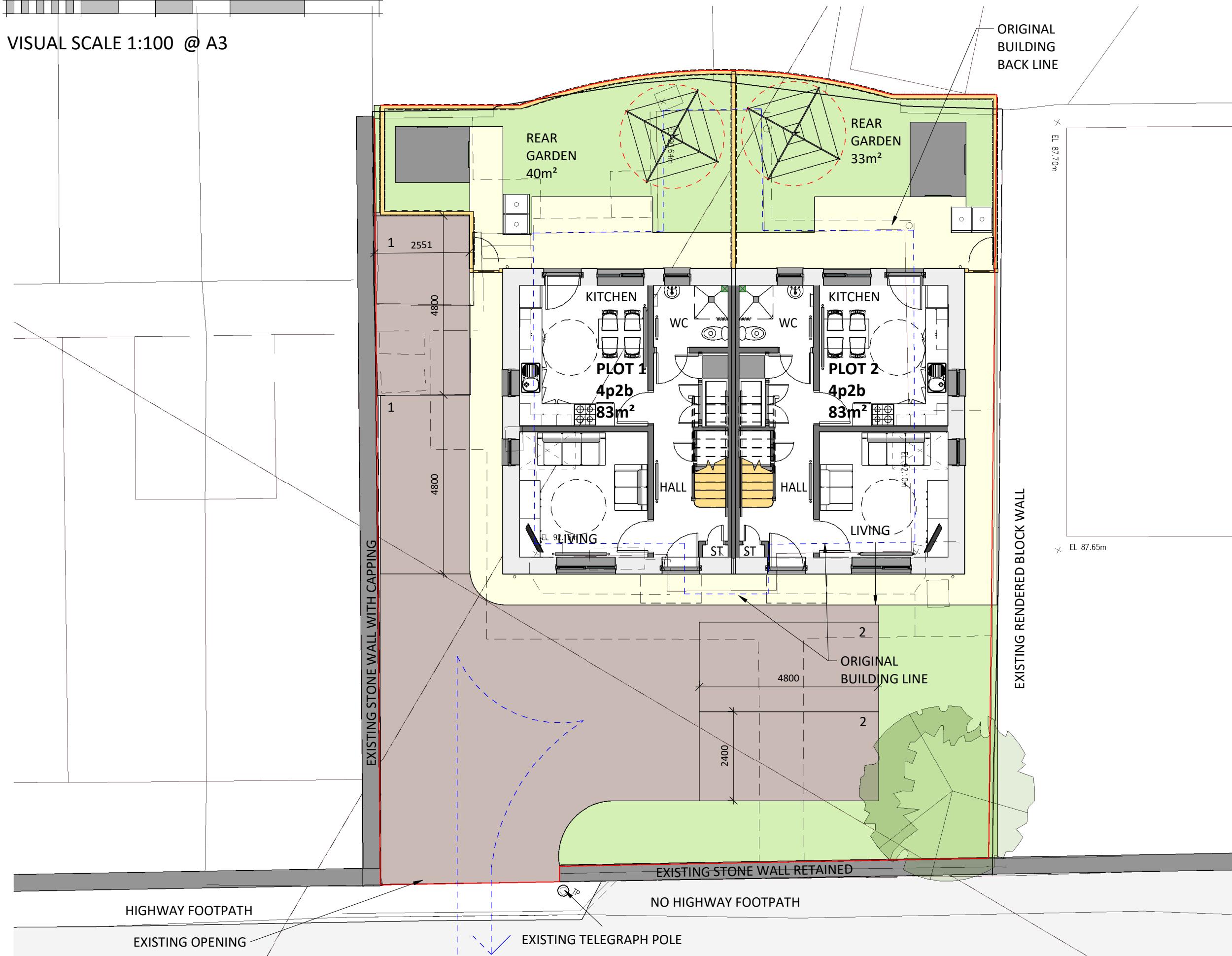
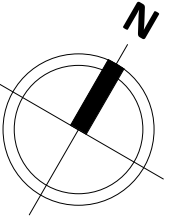
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0m 2m 4m 6m 8m 10m

VISUAL SCALE 1:100 @ A3

ORIGINAL
BUILDING
BACK LINE



REV	DESCRIPTION	DATE	BY

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PROJECT
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for CLWYDALYN HA

DRAWING TITLE
PROPOSED SITE PLAN

SCALE	@A3	DATE	DRAWN	CHECKED
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DRAWING STATUS	PLANNING
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JOB No	DRAWING No	REVISION
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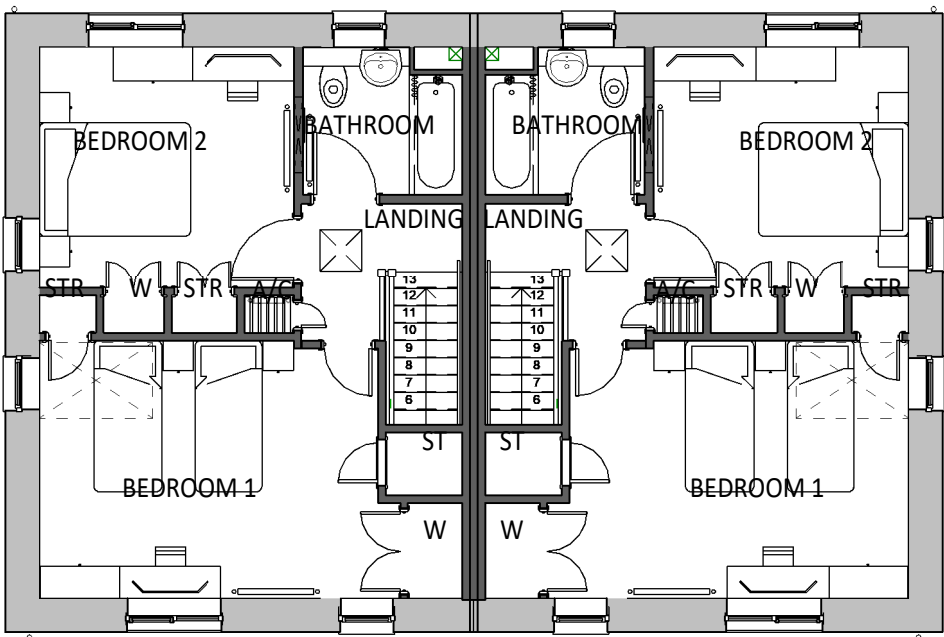
AG | **A** AINSLEY GOMMON ARCHITECTS

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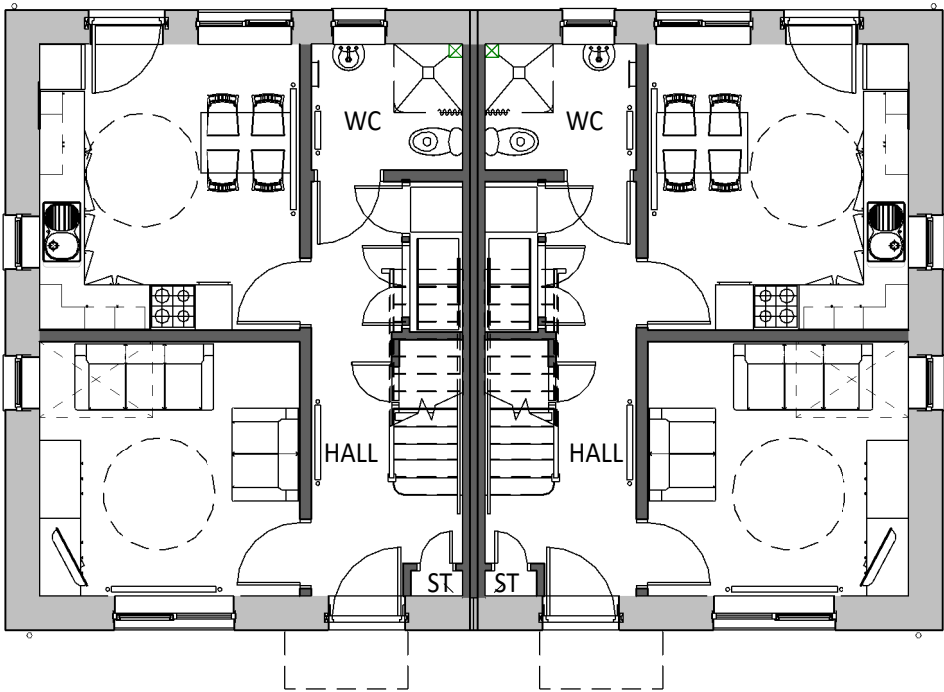
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PROPOSED FIRST FLOOR PLAN



PROPOSED GROUND FLOOR PLAN

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PROJECT
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for CLWYDALYN HA

DRAWING TITLE
GROUND AND FIRST FLOOR
PLANS

SCALE	@A3	DATE	DRAWN	CHECKED
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DRAWING STATUS	PLANNING
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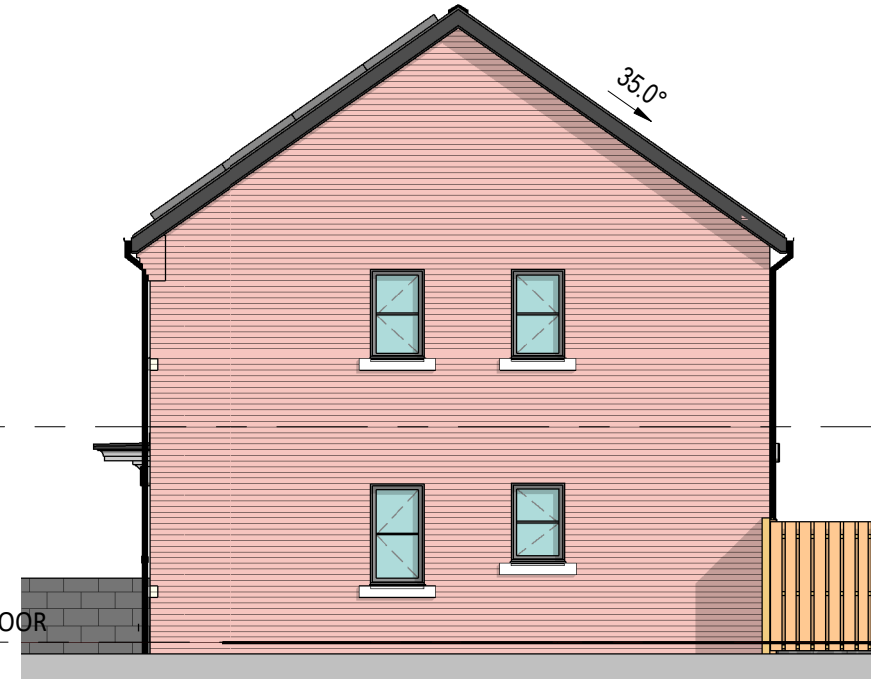
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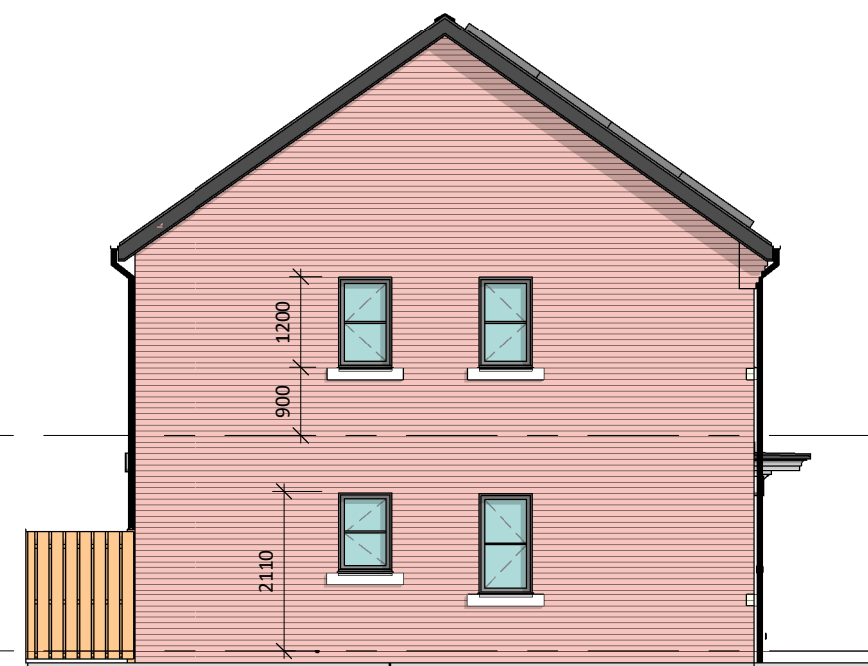
FRONT SE ELEVATION



GABLE NE ELEVATION



REAR NW ELEVATION



GABLE SW ELEVATION

SCHEDULE OF MATERIALS

MAIN WALLS: RED FACING BRICK WITH YELLOW FEATURE BAND TO LA APPROVAL. RED ENGINEERING BRICK BELOW DPC.

ROOF: EDGEMERE TILES TO LA APPROVAL WITH MATCHING DRY RIDGE AND DRY VERGE DETAIL. MAIN ROOF PITCH TO BE 35°.

CILLS & HEADS: BUFF ARTSTONE.

WINDOWS: HIGH PERFORMANCE GREY UPVC WINDOWS TO MEET SECURE BY DESIGN AND EMERGENCY EGRESS REQUIREMENTS. OBSCURE GLAZING TO BATHROOMS AND WC'S.

DOORS: COLOURED PROPRIETARY COMPOSITE INSULATED SBD DOORSETS. LOW PROFILE THRESHOLDS TO EXTERNAL DOORS TO MEET RNIB REQUIREMENTS.

FASCIAS/BARGEBOARDS: BLACK UPVC

SOFFITS: BLACK UPVC

RAINWATER GOODS: BLACK UPVC DEEPFLOW GUTTERS AND MATCHING ROUND DOWNPIPES.

REV	DESCRIPTION	DATE	BY

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PROJECT
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DRAWING TITLE
PROPOSED ELEVATIONS

SCALE @A3 | DATE | DRAWN | CHECKED
As indicated | 24/10/22 | OR | SV

DRAWING STATUS
PLANNING

JOB No | DRAWING No | REVISION
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VISUAL SCALE 1:50 @ A3

APPENDIX C: Relevant Protected Species Legislation

The following has been produced as a guide, to outline possible offences that could occur during the scheme. For a definitive list of all species of flora and fauna, and a full interpretation you should refer to relevant Acts listed below.

Conservation of Habitats and Species Regulations 2017 (as amended)

Schedule 2 applies to all European Protected Species (EPS) which includes all bat species, otters, great crested newts, dormice, otters, sand lizards, smooth snake and natterjack toad amongst others. The protection afforded is overlapping but separate from the Wildlife and Countryside Act 1981 (as amended).

It is an offence:

- to deliberately capture, injure or kill
- to deliberately disturb
- to damage or destroy a breeding site or resting place of an EPS; this applies whether species are present or not.

The Wildlife and Countryside Act 1981 (as amended)

Applies to all wild birds where it is an offence:

- to kill, injure or take any wild bird (subject to certain exceptions)
- to take, damage or destroy a nest whilst it is in use or being built
- to take or destroy the egg of any wild bird

Schedule 1

It is also an offence to disturb any wild bird listed on Schedule 1 of the Wildlife & Countryside Act 1981 (as amended)

- while it is nest building
- at a nest containing eggs or young
- disturbs the dependant young of any such bird.

Schedule 5

For animals fully protected under Schedule 5 which includes all bats, great crested newts, otters, water voles, sand lizards, smooth snake and natterjack toad, it is an offence:

- to intentionally kill or injure or take
- to intentionally damage or destroy or obstruct access to any structure or place which a species uses for shelter or protection, at any time even if the animal is not there
- to intentionally disturb whilst it is occupying a place which it uses for shelter or protection
- to obstruct access to any structure or place which an animal uses for shelter or protection

Adder, grass snake, common lizard and slow worm are only protected from being killed or injured and the white-clawed crayfish is only protected from being taken.



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Schedule 9

Invasive non-native species are listed under Schedule 9. It is an offence:

- to plant or otherwise cause to grow in the wild any species listed on Schedule 9.

In addition, The Invasive Alien Species (Enforcement & Permitting Order took effect on the 1st December 2019. It introduces enforcement provisions, offences and penalties needed to comply with the requirements of EU Regulation (1143/2014) on the prevention and management of the introduction and spread of invasive alien species. The provisions apply to 66 species known as 'species of Union concern'. Under the Order, NRW and the police may impose criminal sanctions in Wales relating to an offence under the Order. As the regulator, NRW may also impose civil sanctions.

Licences may be issued under the Order allowing activities which are prohibited under the EU Regulation to be carried out. These activities can only be carried out in compliance with the conditions of a licence. Natural Resources Wales are the licensing body in Wales.



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APPENDIX D: Cofnod Data



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cofnod

Gwasanaeth Gwybodaeth Amgylcheddol Gogledd Cymru
North Wales Environmental Information Service

Cofnod Environmental Information Search (PUBLIC VERSION)

Our Reference	CO/E11413
Your Reference	3172
Requested By	Kathryn Morris, Richards Moorehead and Laing Ltd
Data Users	Kathryn Morris
Search Date	19/07/2023 09:40
Expiry Date	19/01/2024 (may be extended on request)
Search Type	Chargeable

Important Information

- Use of the data is governed by Cofnod's [Terms & Conditions](#).
- Data marked as confidential or sensitive must not be released into the public domain, with the exception of the Public Version of the PDF report, which has had sensitive information removed or restricted.
- You should not amend any part of the downloaded records.
- Unless otherwise agreed, use of the data is valid until the Expiry Date (19/01/2024).
- Past records of presence of a habitat or species do not guarantee continued occurrence; absence of records does not imply absence of a species, merely that no records are held by Cofnod; Cofnod cannot guarantee the accuracy of supplied data; copyright of records remains with the original recorder.
- The Dataset ID associated with each record can be used to find information about the provenance of the data. See the [Cofnod Metadata](#) page for more information.
- Verification Levels are given for each record and indicate whether the record has been assessed by an expert.
- Please [contact us](#) if you have any questions about using the data or wish to add further Data Users.

Notes

- Records with 1km, 2km, 5km, 10km or 100km grid references (where present) are highlighted with, for example, (1km) next to the distance to indicate that the distance

should not be considered to be exact given the vague nature of the grid reference.

- Records shown in **bold** typeface are sensitive species records, and some details have been restricted in this public version of the report.

Verification Levels

- **UA**: Unassessed
- **PC**: Probably Correct
- **KC**: Known Correct
- **NA**: Not Required

Species Categories

- **All Other Species**: Any species not included in other categories
- **Category 1 Species**: Species with European and/or UK Legal Protection, Section 7 Species or UK BAP Priority Species
- **Category 2 Species**: Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red and Amber Birds & Welsh Red Data Lists, not identified in Category 1
- **Category 3 Species**: Local species not identified under Categories 1 & 2, Locally Important species as specified by local experts

Abbreviations

BAP - UK Biodiversity Action Plan Priority Species, **BDir1** - EU Birds Directive Annex 1 - Birds which are the subject of special conservation measures, **BDir2.2** - EU Birds Directive Annex 2.2 - Birds which may potentially be hunted within certain member states, **Bern2** - Bern Convention on the Conservation of European Wildlife and Natural Habitats, Appendix 2 - Strictly protected fauna species, **Bonn2** - Bonn Convention on the Conservation of Migratory Species of Wild Animals, Appendix 2 - Migratory Species to be the subject of agreements, **CHS2** - The Conservation of Habitats and Species Regulations 2010, Schedule 2 - European Protected Species of Animals, **CITES-A** - Convention on International Trade in Endangered Species, Annex A - Species threatened with extinction, **GBNNSIP** - Great Britain Non-native Species Inventory Portal Checklist of Non-native Species, **HDir4** - Habitats Directive, Annex IV - Species in need of strict protection, **LBAP-A** - Anglesey Local Biodiversity Action Plan, **LBAP-C** - Conwy Local Biodiversity Action Plan, **LBAP-D** - Denbighshire Local Biodiversity Action Plan, **LBAP-E** - Eryri National Park Authority Local Biodiversity Action Plan, **LBAP-F** - Flintshire Local Biodiversity Action Plan, **LBAP-G** - Gwynedd Local Biodiversity Action Plan, **RL-DD** - IUCN Red List of Threatened Species - Data Deficient, **RL-EN** - IUCN Red List of Threatened Species - Endangered, **RL-NT** - IUCN Red List of Threatened Species - Near Threatened, **RL-VU** - IUCN Red List of Threatened Species - Vulnerable, **S7** - Environment (Wales) Act 2016 (Section 7), **UKBA** - RSPB/BTO Birds of Conservation Concern - Amber list (not based on IUCN criteria), **UKBR** - RSPB/BTO Birds of Conservation Concern - Red list (not based on IUCN criteria), **WBA** - RSPB/BTO Birds of Conservation Concern in Wales - Amber list (not based on IUCN criteria), **WBR** - RSPB/BTO Birds of Conservation Concern in Wales - Red list (not based on IUCN criteria), **WCA1.1** - Wildlife & Countryside Act 1981 Schedule 1.1 - Birds which are protected at all times, **WCA5** - Wildlife & Countryside Act 1981 Schedule 5 - Animals which are protected

Data Description

Distance	Indicates the distance, in metres, between the grid reference of the record (using the central point of the grid square) and the search location. For any Sensitive Species Records, this should not be released into the Public Domain.
Species Name	Name of the taxon (usually identified to species level) using the binomial system.
Grid Reference	Grid reference based on the Ordnance Survey grid system.
Date	Date on which the record was made. In some cases this might be a date range, or a vague date such as 'Summer 2010'.
Recorder(s)	One or more people who made the original observation and recorded it in some way. It may have subsequently been included in a data collation by another person or it may have been submitted to the LERC directly.
Abundance	Number of individuals recorded. Where not specified it is assumed that at least one was present.
Record Type	A description of the type of record.
Site Name	The site name (if one has been supplied). For any Sensitive Species Records, this cannot be released into the Public Domain.
Notes	Any additional notes about the sighting. For any Sensitive Species Records, this cannot be released into the Public Domain.
Dataset ID	ID of this dataset. See 'Important Issues' for more details.
Lists	Any local, national or international conservation statuses or legal protection which apply to this species and whether it is included in any Local Biodiversity Action Plans. See 'Abbreviations' for more details.
V	An indicator showing the level of confidence held in the record's correct identification.

Dataset Information

The records in these results are drawn from the following datasets. Use the Dataset ID next to each record to find its dataset.

Dataset ID	Title	Acknowledgements	Type
D0062/008/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - All records up to 2018	Ian M Spence (Clwyd Bird Recording Group)	Species
D0346/003/01	eBird records - Records from Cofnod area between 2011 and 2019	Cornell Lab of Ornithology	Species
D1297/021/01	BirdTrack records - 2016 records from within the Cofnod boundary	British Trust for Ornithology & Individual recorders	Species
D1297/025/01	BirdTrack records - 2004-2018 data from Vice-Counties 50 & 51 (Denbighshire & Flintshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/026/01	BirdTrack records - 2019 data from Vice-County 50 (Denbighshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/039/01	BirdTrack records - 2020 records for Vice-County 50 (Denbighshire)	Ian M. Spence and British Trust for Ornithology	Species
D1297/047/01	BirdTrack records - 2021 records from within the Cofnod boundary (excluding Meirionnydd)	Julian Hughes & British Trust for Ornithology	Species
D1297/050/01	BirdTrack records - 2022 records for Vice-County 50 (Denbighshire)	Ian M. Spence & British Trust for Ornithology	Species
D1486/001/01	Natural Resources Wales North Wales Bat Roosts	Cyfoeth Naturiol Cymru/Natural Resources Wales	Species
D1622/001/01	Swift records submitted to Cofnod via their Online Recording System as part of A Swift Recovery project	Individual recorders, and North Wales Wildlife Trust	Species
D1734/001/02	Swift Inventory of Low-Level Screaming Parties in the UK, 2009-2014 - Records from Cofnod area	RSPB (NBN download, 23/01/2020)	Species
D1735/001/02	Swift Inventory of Nest Sites in the UK, 2009-2014 - Records from Cofnod area	RSPB (NBN download, 23/01/2020)	Species
D1852/001/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2008 records	RSPB (NBN Download, 16/01/2019)	Species
D1852/002/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2009 records	RSPB (NBN Download, 16/01/2019).	Species
D0220/013/01	GIS Datasets for Protected Sites in Wales - Listed Buildings	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), licensed under the Open Government Licence http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/	Sites
D0220/013/02	GIS Datasets for Protected Sites in Wales - Listed Buildings	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), 09/05/2023, licensed under the Open Government Licence http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/	Sites
D0220/014/01	GIS Datasets for Protected Sites in Wales - Scheduled Monuments	Welsh Government	Sites

D0220/014/02	GIS Datasets for Protected Sites in Wales - Scheduled Monuments	Designated Historic Asset GIS Data, The Welsh Historic Environment Service (Cadw), 09/05/2023, licensed under the Open Government Licence http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/	Sites
D0157/002/01	Phase 1 Habitat Survey of Wales 1979-1997 - GIS layer showing habitats as polygons and using the phase 1 codes to identify the habitat category	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	Habitats

Contact Us

Cofnod - North Wales Environmental Information Service

Intec, Ffordd y Parc, Parc Menai, Bangor, Gwynedd, LL57 4FG

Tel: 01248 847456 **Email:** info@cofnod.org.uk **Website:** www.cofnod.org.uk **Facebook:** facebook.com/Cofnod **Twitter:** twitter.com/Cofnod **Instagram:** instagram.com/cofnod_lerc

Search Location	Grid Reference
24 Park Street, wrexham	SJ3330551310

Species Set - Bats										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Pipistrellus</i> <i>pipistrellus</i> (Common Pipistrelle)	SJ3251	14/10/1999	Anon	1		-Withheld-	-Withheld-	D1486/001/01	Bonn2, CHS2, HDir4, LBAP-A, LBAP-D, LBAP-E, LBAP-F, LBAP-G, S7, WCA5	NA

Species Set - Roof Nesting Birds										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ332516	3 records, all on 14/06/2012	Anon	2; 55	Nest		Building type: House; Estimated number of screaming swifts. Possible breeding. Building type: House	D1735/001/02 , D1734/001/02	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ332512	2011	Anon	6		Park Street	Estimated number of screaming swifts. Possible breeding	D1734/001/02	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ333510	2011	Anon	6		Rhosddu	Estimated number of screaming swifts. Possible breeding	D1734/001/02	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3351 (Approximate)	7 records, between 02/09/2004 and 02/09/2022	Anon; Kevin J Smith; Jason Newton; Mrs susan haslem	12; 1; 2; 3; 28; 14	Reported to recorder	LL112LY; Wrexham, N; Wrexham	Estimated number of screaming swifts. Possible breeding; Survey: Observer data; Activity: H. Survey: Observer data	D1734/001/02 , D0062/008/01 , D1297/039/01 , D1297/050/01	RL-EN, UKBR, WBA	NA, PC, UA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3350 (Approximate)	7 records, between 27/04/2004 and 16/07/2022	Kevin J Smith; Norman Hallas; Jim Hulse; Jason Newton; Steven Davies; Mr James Hughes	1; 4; 8; 2	Reported to recorder	Wrexham, centre; Wrexham, Centre	Survey: Observer data; Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/050/01	RL-EN, UKBR, WBA	NA, PC, UA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3250	2 records, between 13/07/2007 and 23/05/2009	Neil Hughes; Jason Newton	12; 3	Reported to recorder	Wrexham, W	Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	RL-EN, UKBR, WBA	NA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ3251	2 records, between 13/06/2009 and 18/08/2014	Jason Newton; David M Hytch	1	Reported to recorder	Wrexham, NW	Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	RL-EN, UKBR, WBA	NA, PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ332515 (Selected from Interactive Map)	2 records, between 08/07/2021 and 10/05/2022	James Pugh	~20 Adult; 12 Adult		East Avenue, Wrexham; East Av Wrexham	There are numerous Swift Nesting sites in the Eves of the Council houses down East Avenue, Wrexham. Lots of screaming parties too	D1622/001/01	RL-EN, UKBR, WBA	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ33165151 (Selected from Interactive Map)	08/07/2021	Andrew Brown	~40+ Adult	Live Sighting	East Avenue, wrexham	Many birds on the wing and feeding chicks in nests under the eaves.	D1622/001/01	RL-EN, UKBR, WBA	UA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ332517 (Selected from Interactive Map)	20/05/2023	James Pugh	8 Adult		Rhosddu		D1622/001/01	RL-EN, UKBR, WBA	UA
<i>Athene noctua</i> (Little Owl / Tylluan Fach)	SJ3251	02/07/2006	Kevin J Smith	1	Reported to recorder	Wrexham, NW	On Bryn offa School roof. Survey: Observer data	D0062/008/01	Bern2, CITES-A, GBNNSIP, LBAP-C	NA
<i>Athene noctua</i> (Little Owl / Tylluan Fach)	SJ3250	29/09/2007	Julie Rogers	1	Reported to recorder	Wrexham, W	Survey: Observer data	D0062/008/01	Bern2, CITES-A, GBNNSIP, LBAP-C	NA
<i>Coloeus monedula</i> (Jackdaw / Jac-y-Do)	SJ3351 (Approximate)	6 records, between 24/01/2009 and 18/12/2022	Anon; Jason Newton; Mrs susan haslem	75; 1; 10; 2	Reported to recorder	Wrexham, N; Wrexham; wrexham	Occurrence ID: NBN-GA000656-BGBW2009-16445112-106609229; Winter Roving Record. Survey: Observer data; Activity: H. Survey: Observer data	D1852/002/01 , D0062/008/01 , D1297/039/01 , D1297/047/01 , D1297/050/01	BDir2.2	PC, NA, UA
<i>Coloeus monedula</i> (Jackdaw / Jac-y-Do)	SJ3251	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444376-106608976	D1852/002/01	BDir2.2	PC
<i>Coloeus monedula</i> (Jackdaw / Jac-y-Do)	SJ3350 (Approximate)	5 records, between 03/01/2007 and 10/01/2022	Jason Newton; Anthony Britner; Steven Davies; Mr Steve Davies	2; 1; 4	Reported to recorder	Wrexham, centre; Wrexham--SJ3350	Winter Roving Record. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/050/01	BDir2.2	NA, PC, UA
<i>Coloeus monedula</i> (Jackdaw / Jac-y-Do)	SJ3250	2 records, between 10/12/2008 and 05/05/2016	Jason Newton; Joe O'Hanlon	6; 3	Reported to recorder	Wrexham, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3350 (Approximate)	7 records, between 03/01/2007 and 10/01/2022	Anon; Jason Newton; Ian Newberry; Anthony Britner; Kevin J Smith; Mr Steve Davies	2; 5	Reported to recorder	Wrexham, centre;Wrexham-- -SJ3350	Occurrence ID: NBN-GA000656- BGBW2009- 16444869- 105770680; Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack; BirdTrack	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/050/01	Bern2, LBAP-C	PC, NA, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3351 (Approximate)	11 records, between 17/11/2008 and 21/02/2022	Anon; Jason Newton; Sharon Williams; Mrs susan haslem	2; 6; 4	Reported to recorder	Wrexham, N;Wrexham;wrexh am	Occurrence ID: NBN-GA000656- BGBW2009- 16445331- 105770806; Survey: Observer data; Winter Roving Record. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack. Activity: P	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/047/01 , D1297/050/01	Bern2, LBAP-C	PC, NA, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3251	2 records, between 24/01/2009 and 13/04/2014	Anon; D Archer			Wrexham, NW	Occurrence ID: NBN-GA000656- BGBW2009- 16444698- 105771931; BirdTrack	D1852/002/01 , D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Titw Tomos Las)	SJ3250	02/01/2017	Heather Cartwright			Wrexham, W	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ3350	15/08/2004	Norman Hallas	2+	Reported to recorder	Wrexham, centre	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, RL-VU, UKBR, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ3350	24 records, between 06/07/2004 and 14/03/2019	Neil Hughes; Kevin J Smith; Norman Hallas; Anthony Britner; Peter Lawton; Trevor B Taylor; Mr T Taylor	1; 2	Reported to recorder	Denbighshire, Wrexham, centre;Wrexham centre;Wrexham Town Centre, Clwyd	around St. Giles Church. Survey: Observer data; Flew over Water World. Survey: Observer data; St giles church. Survey: Observer data; Survey: Observer data; Police Station. Survey: Observer data; After starting flock. Survey: Observer data; over. Survey: Observer data; Pair. Survey: Observer data; Activity: H. Survey: Observer data; Activity: N. Survey: Observer data; Birdtrack; BirdTrack; Bird Track; Birdtrack. On police station tower	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP- A, LBAP-C, LBAP-G, WCA1.1	NA, PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ3351	02/05/2011	Kevin J Smith	1	Reported to recorder	Wrexham, N	Survey: Observer data	D0062/008/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP- A, LBAP-C, LBAP-G, WCA1.1	NA
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ3250	3 records, between 07/07/2004 and 11/03/2018	Kevin J Smith; Greg M Thurnham	2; 1	Reported to recorder	Wrexham, W	Inland. Survey: Observer data	D0062/008/01 , D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP- A, LBAP-C, LBAP-G, WCA1.1	NA, PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ330511	29/04/2016	Mr E M Ab Owain & Ms H Kidd	1		Wrexham		D1297/021/01	Bern2, Bonn2, CITES-A, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3350	06/06/2004	Norman Hallas	1	Reported to recorder	Wrexham, centre	Survey: Observer data	D0062/008/01	Bern2, Bonn2, CITES-A, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3250 (Approximate)	5 records, between 07/02/2005 and 08/02/2021	Kevin J Smith; Jim Hulse; Joe O'Hanlon; Mr Trevor Payne	1; 1 Female	Reported to recorder	Wrexham, W;Wrexham Moneypenny	Survey: Observer data; Took mouse(?) from waste ground. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/047/01	Bern2, Bonn2, CITES-A, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3351	29/04/2016	Mel Ab Owain	1		Wrexham, N	BirdTrack	D1297/025/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ3251	2 records, between 17/03/2014 and 23/01/2016	Neil Hughes; David M Hytch	1		Wrexham, NW	Birdtrack. in tree in roundabout area on bypass; BirdTrack	D1297/025/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3351	18/07/2009	Jason Newton	1	Reported to recorder	Wrexham, N	Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ3350	2 records, between 29/09/2004 and 11/05/2007	Norman Hallas; Peter Lawton	2	Reported to recorder	Wrexham, centre	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3350 (Approximate)	12 records, between 08/07/2006 and 24/02/2022	Kevin J Smith; Jason Newton; Neil Hughes; Peter Lawton; Steven Davies; Mr Steve Davies; Mrs Heather Cartwright	1; 2; 4; 8+; 7; 3	Reported to recorder	Wrexham, centre; Denbighshire, Wrexham, centre; Wrexham--SJ3350; Wrexham	Survey: Observer data; Winter Roving Record. Survey: Observer data; a few in area all year. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/050/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	NA, PC, UA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3351 (Approximate)	6 records, between 19/01/2009 and 18/12/2022	Kevin J Smith; Jason Newton; Mrs Susan Haslem	1; 2; 8; 20; 7; 6	Reported to recorder	Wrexham, N; Wrexham	Survey: Observer data; Winter Roving Record. Survey: Observer data	D0062/008/01 , D1297/039/01 , D1297/050/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	NA, PC, UA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3251	4 records, between 13/06/2009 and 28/01/2019	Jason Newton; D Archer; Hugh Linn; Recorder Name withheld (obsr800006)	1; 2	Reported to recorder	Wrexham, NW; Racecourse Ground, Wrexham GB-Wales	Activity: H. Survey: Observer data; BirdTrack; Birdtrack. Bird collecting nest material from roundabout in middle of road. Activity: B	D0062/008/01 , D1297/025/01 , D0346/003/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	NA, PC, UA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ3250	3 records, between 05/05/2016 and 13/08/2019	Joe O'Hanlon; Heather Cartwright; Recorder Name withheld (obsr932800)	7; 11		Wrexham, W; Racecourse Ground, Wrexham GB-Wales	BirdTrack	D1297/025/01 , D0346/003/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3351	2 records, between 11/06/2009 and 25/11/2009	Jason Newton	1; 2	Reported to recorder	Wrexham, N	Winter Roving Record. Survey: Observer data; Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA	NA
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3350 (Approximate)	5 records, between 05/05/2009 and 01/04/2021	Kevin J Smith; Jason Newton; Steven Davies; Mr James Hughes	1; 6; 10+; 3	Reported to recorder	Wrexham, centre;Wrexham, Centre	Survey: Observer data; Activity: U. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/047/01	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA	NA, PC, UA
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ3251	13/04/2014	D Archer			Wrexham, NW	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, LBAP-E, LBAP-G, RL-DD, UKBA, WBA	PC
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3351	2 records, between 18/08/2004 and 24/05/2009	Kevin J Smith	1	Reported to recorder	Wrexham, N	Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	BAP, Bern2, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ3350	2 records, between 16/06/2004 and 23/06/2004	Norman Hallas	1	Reported to recorder	Wrexham, centre	Survey: Observer data	D0062/008/01	BAP, Bern2, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3251	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16444376- 106437666	D1852/002/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3351 (Approximate)	7 records, between 31/12/2008 and 18/12/2022	Anon; Jason Newton; Mrs susan haslem	2; 3 Juvenile; 1	Reported to recorder	Wrexham, N;wrexham;Wrex am	Occurrence ID: NBN-GA000656- BGBW2009- 16445331- 106437591; Winter Roving Record. Survey: Observer data; Survey: Observer data; Activity: FL. Survey: Observer data; Activity: H. Survey: Observer data	D1852/002/01 , D0062/008/01 , D1297/047/01 , D1297/050/01	Bern2, LBAP-C	PC, NA, UA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3350	5 records, between 21/06/2004 and 07/02/2016	Anon; Norman Hallas; Jason Newton; Anthony Britner; Kevin J Smith	10+; 1	Reported to recorder	Wrexham, centre	Occurrence ID: NBN-GA000656- BGBW2009- 16444959- 106437823; Survey: Observer data; Activity: S. Survey: Observer data; Birdtrack; BirdTrack	D1852/002/01 , D0062/008/01 , D1297/025/01	Bern2, LBAP-C	PC, NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ3250	3 records, between 10/12/2008 and 02/01/2017	Jason Newton; Heather Cartwright	1	Reported to recorder	Wrexham, W	Survey: Observer data; Activity: S. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3250	5 records, between 26/01/2008 and 02/01/2017	Anon; Jason Newton; Heather Cartwright	5; 25; 10	Reported to recorder	Wrexham Denbighshire;Wre xham, W	Occurrence ID: NBN-GA000567- BGBW2008- 22135467- 139469226; Occurrence ID: NBN-GA000656- BGBW2009- 16444617- 106609164; Survey: Observer data; Activity: H. Survey: Observer data; BirdTrack	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3350 (Approximate)	11 records, between 08/07/2004 and 10/01/2022	Anon; Norman Hallas; Kevin J Smith; Jason Newton; Peter Lawton; Steven Davies; Mr James Hughes; Mr Steve Davies	1; 5; 40; 1 Male; 4; c10; 3	Reported to recorder	Wrexham Denbighshire;Wrexham, centre;Wrexham, Centre;Wrexham--SJ3350	Occurrence ID: NBN-GA000567-BGBW2008-22135525-139658594; Occurrence ID: NBN-GA000656-BGBW2009-16445533-106609155; Nearly complete albino. Survey: Observer data; Survey: Observer data; Winter Roving Record. Survey: Observer data; Activity: FF. Survey: Observer data; Birdtrack; BirdTrack	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/047/01 , D1297/050/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC, NA, UA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3351 (Approximate)	13 records, between 26/01/2008 and 18/12/2022	Anon; Jason Newton; Sharon Williams; Mrs susan haslem	20; 50+; 15; 6; 24; 12; 8; 10	Reported to recorder	Wrexham Denbighshire;Wrexham, N;Wrexham;wrexham	Occurrence ID: NBN-GA000567-BGBW2008-22135488-139322460; Occurrence ID: NBN-GA000656-BGBW2009-16445255-106608952; Winter Roving Record. Survey: Observer data; Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack:	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/047/01 , D1297/050/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC, NA, UA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ3251	3 records, between 26/01/2008 and 13/06/2009	Anon; Jason Newton	6	Reported to recorder	Wrexham Denbighshire;Wrexham, NW	Occurrence ID: NBN-GA000567-BGBW2008-22135462-139595868; Occurrence ID: NBN-GA000656-BGBW2009-16444376-106608977; Activity: H. Survey: Observer data	D1852/001/01 , D1852/002/01 , D0062/008/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3350 (Approximate)	11 records, between 15/08/2004 and 10/01/2022	Anon; Julie Rogers; Jim Hulse; Jason Newton; Norman Hallas; Anthony Britner; Neil Hughes; Steven Davies; Mr Steve Davies	1; 2; 13	Reported to recorder	Wrexham, centre; Wrexham--SJ3350	Occurrence ID: NBN-GA000656-BGBW2009-16445533-106179897; Survey: Observer data; Winter Roving Record. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack; BirdTrack	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/050/01	BDir2.2, GBNNSIP, RL-NT	PC, NA, UA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3351 (Approximate)	11 records, between 14/10/2004 and 18/12/2022	Anon; Jason Newton; Kevin J Smith; Mrs susan haslem	4; 8; 9; 1; 10; 14; 2; 5	Reported to recorder	Wrexham, N; Wrexham; wrexham	Occurrence ID: NBN-GA000656-BGBW2009-16445534-106179463; Winter Roving Record. Survey: Observer data; Survey: Observer data; Activity: S. Survey: Observer data	D1852/002/01 , D0062/008/01 , D1297/039/01 , D1297/047/01 , D1297/050/01	BDir2.2, GBNNSIP, RL-NT	PC, NA, UA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3251	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16444698-106179987	D1852/002/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ3250	2 records, between 10/12/2008 and 23/05/2009	Jason Newton	2; 1	Reported to recorder	Wrexham, W	Survey: Observer data; Activity: H. Survey: Observer data	D0062/008/01	BDir2.2, GBNNSIP, RL-NT	NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3351 (Approximate)	12 records, between 26/01/2008 and 18/12/2022	Anon; Jason Newton; Barbara Cooper-Poole; Sharon Williams; Mrs susan haslem	30; 60; 2000+; 3; 6; 15; 14; 97	Reported to recorder	Wrexham, Denbighshire; Wrexham, N; Wrexham; wrexham	Occurrence ID: NBN-GA000567-BGBW2008-22135788-139350752; Occurrence ID: NBN-GA000656-BGBW2009-16445331-106878441; Winter Roving Record. Survey: Observer data; Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack:	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/047/01 , D1297/050/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC, NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3350	6 records, between 18/05/2004 and 16/06/2017	Anon; Neil Hughes; Norman Hallas; Steven Davies	1000+; 9 Adult; 9 Juvenile	Reported to recorder	Wrexham, Denbighshire; Wre xham, centre	Occurrence ID: NBN-GA000567- BGBW2008- 22135804- 139467661; Occurrence ID: NBN-GA000656- BGBW2009- 16444869- 106878426; Flying around centre. Survey: Observer data; Survey: Observer data; BirdTrack	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC, NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3250	5 records, between 26/01/2008 and 13/08/2019	Anon; Kevin J Smith; Jason Newton; Recorder Name withheld (obsr932800)	10; 5000; 3; 9	Reported to recorder	Wrexham, Denbighshire; Wre xham, W; Racecourse Ground, Wrexham GB-Wales	Occurrence ID: NBN-GA000567- BGBW2008- 22135778- 139545704; Survey: Observer data; Rhosddu Road. Survey: Observer data; Activity: H. Survey: Observer data	D1852/001/01 , D0062/008/01 , D0346/003/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC, NA, UA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ3251	2 records, between 26/01/2008 and 25/01/2009	Anon			Wrexham, Denbighshire	Occurrence ID: NBN-GA000567- BGBW2008- 22135775- 139595869; Occurrence ID: NBN-GA000656- BGBW2009- 16444698- 106878542	D1852/001/01 , D1852/002/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Troglodytes</i> <i>troglodytes</i> (Wren / Dryw)	SJ3351 (Approximate)	4 records, between 06/11/2008 and 09/01/2021	Anon; Jason Newton; Mrs susan haslem	1	Reported to recorder	Wrexham, N;wrexham	Occurrence ID: NBN-GA000656- BGBW2009- 16445112- 106817446; Survey: Observer data; 1. Activity: S. Survey: Observer data	D1852/002/01 , D0062/008/01 , D1297/047/01	BAP, BDir1, Bern2, UKBA	PC, NA, UA
<i>Troglodytes</i> <i>troglodytes</i> (Wren / Dryw)	SJ3251	2 records, between 24/01/2009 and 13/04/2014	Anon; D Archer			Wrexham, NW	Occurrence ID: NBN-GA000656- BGBW2009- 16444698- 106817438; BirdTrack	D1852/002/01 , D1297/025/01	BAP, BDir1, Bern2, UKBA	PC
<i>Troglodytes</i> <i>troglodytes</i> (Wren / Dryw)	SJ3250	3 records, between 10/12/2008 and 05/05/2016	Jason Newton; Joe O'Hanlon	1; 2	Reported to recorder	Wrexham, W	Survey: Observer data; Activity: S. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir1, Bern2, UKBA	NA, PC

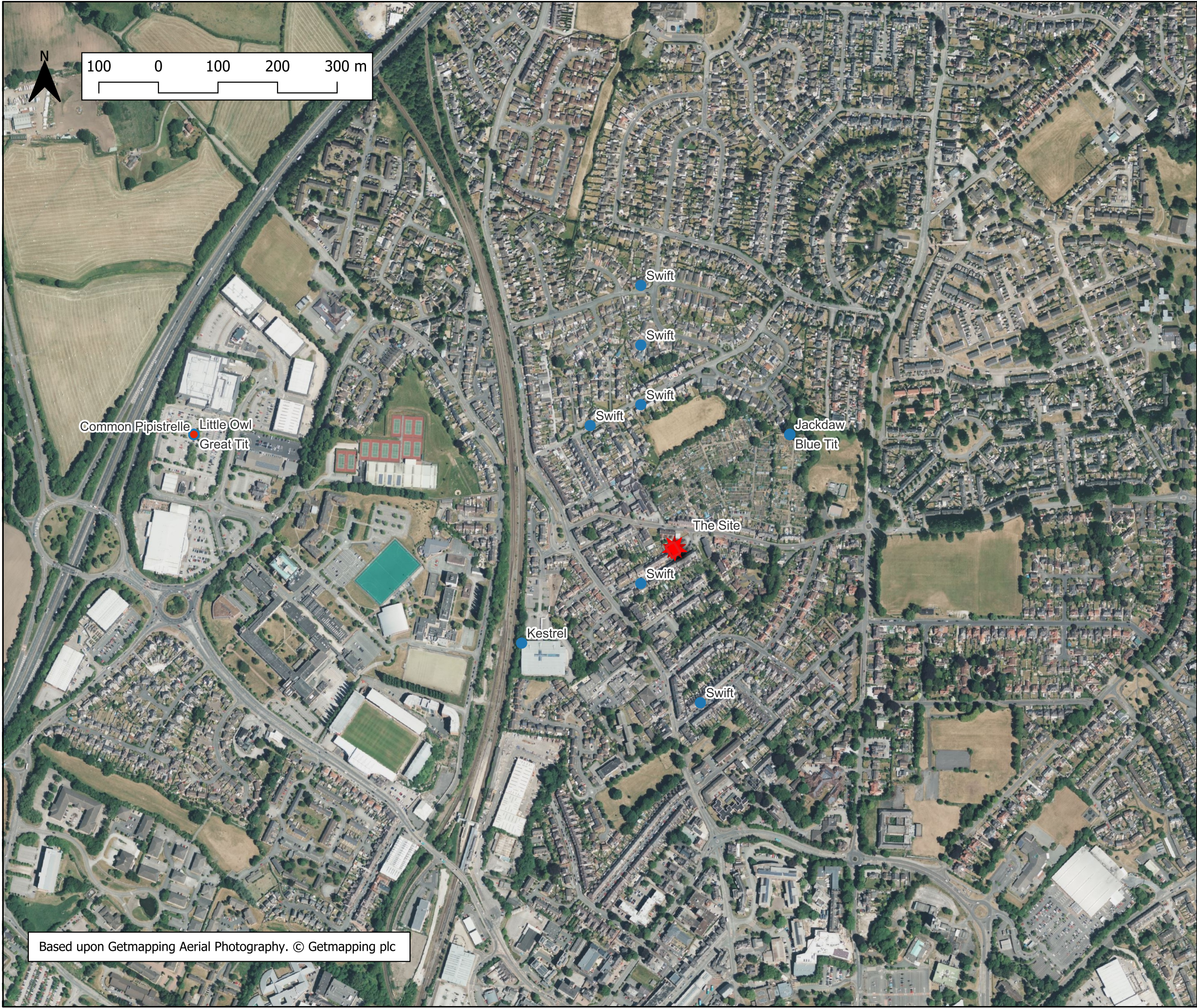
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Troglodytes</i> <i>troglodytes</i> (Wren / Dryw)	SJ3350 (Approximate)	5 records, between 14/06/2004 and 10/01/2022	Jason Newton; Norman Hallas; Steven Davies; Mr Steve Davies	1; 3+ Juvenile	Reported to recorder	Wrexham, centre;Wrexham-- -SJ3350	Survey: Observer data; Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/050/01	BAP, BDir1, Bern2, UKBA	NA, PC, UA

Sites - 8 records	
Scheduled Ancient Monuments intersecting 500m buffer	Wat's Dyke at Crispin Lane, Wrexham (DE286) (286m)
Listed Buildings intersecting 500m buffer	Plas Gwilym (1833) (414m), NO.9 GROVE ROAD (NW SIDE),,,,,CLWYD, (1834) (394m), Fern Bank and former Coach House (1835) (391m), Epworth Lodge (1836) (386m), Romano (1837) (476m), Abbotsfield Priory Hotel (1853) (461m), Church of St James (1854) (183m)

Scheduled Ancient Monuments					
Site Code	Site Name	Class	Period	Site Type	Link
DE286	Wat's Dyke at Crispin Lane, Wrexham	Monument	Early Medieval	Linear Earthwork	More Information

Listed Buildings					
Site Code	Site Name	Grade	Classification	Location	Link
1833	Plas Gwilym	II	Domestic		More Information
1834	NO.9 GROVE ROAD (NW SIDE),,,,,CLWYD,	II	Domestic		More Information
1835	Fern Bank and former Coach House	II	Domestic		More Information
1836	Epworth Lodge	II	Domestic		More Information
1837	Romano	II	Domestic		More Information
1853	Abbotsfield Priory Hotel	II	Domestic		More Information
1854	Church of St James	II	Religious, Ritual and Funerary		More Information

Phase 1				
Habitat	Distance	Area	Coverage	At Search Location
J.3.6 - Buildings	0m - 497m	50.036ha	63.734%	Yes
J.1.2 - Amenity Grassland	146m - 485m	10.062ha	12.817%	No
J.1.1 - Arable Land	46m	3.973ha	5.061%	No
N/A	293m - 425m	0.261ha	0.333%	No



Cleient / Client:

CLYWD ALYN HOUSING

Enw project / Project name:

24 Park Street,
Wrexham

Teitl lluniad / Drawing title:

Bat and Bird Records

Eglurhad / Key:

 Site Location

 Bird Species

 Bat Species

Graddfa / Scale (A3): 1:6000 @ A3	Dyddiad / Date: July 2023	Darlunwyd gan: Drawn by: KM
Rhif lluniad / Drawing number: 3274 / 01		Gwilywyd gan: Checked by: DH
Darparwyd gan / Prepared by:		Cymeriad: Revision: 01

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1 Llys Clynid, Cwm Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1ND

Rhif Ffôn/Tel: +44 (0)1824 704566, Ffôn/Fac: +44 (0)1824 705450

e-bodl/e-mail: rm@rmlconsult.com, www.rmlconsult.com

APPENDIX E: Location of Surveyors



Office 1, Llys Clwyd Cwrt Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1NJ
email: rml@rmlconsult.com web: www.rmlconsult.com
Tel +44(0)1824 704366
Registered in England No. 1848683 VAT Reg. No. 401 4243 13





Cleient / Client:

CLYWD ALYN HOUSING

Enw project / Project name:

24 Park Street
Wrexham

Teitl lluniad / Drawing title:

Surveyor Locations

Eglurhad / Key:

Red Line Boundary

Surveyor locations

Graddfa / Scale (A3):
1:500 @ A3

Dyddiad / Date:
July 2023

Darlunwyd gan:
Drawn by:
KM

Rhif lluniad / Drawing number:
3272/02

Gwilydd gan:
Checked by:
DH

Darparwyd gan / Prepared by:



1 Llys Clywd, Cwrt Y Dderwen, Ffordd Celyn, Rullecott, Denbighshire, LL15 1ND

Rhif Ffôn/Tel: +44 (0)1824 704566, Ffôn/Fac: +44 (0)1824 705450

e-bodl/e-mail: rm@rmlconsult.com, www.rmlconsult.com

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APPENDIX F: Photograph Reference



Office 1, Llys Clwyd Cwrt Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1NJ
email: rml@rmlconsult.com web: www.rmlconsult.com
Tel +44(0)1824 704366
Registered in England No. 1848683 VAT Reg. No. 401 4243 13



Appendix F: Photograph Reference



Photograph 1: View of the site from Park Street.



Photograph 2: Rear of the site, taken from the garden of the property.



Photograph 3: A slipped slate tile with gaps, on the rear roof (TN1).



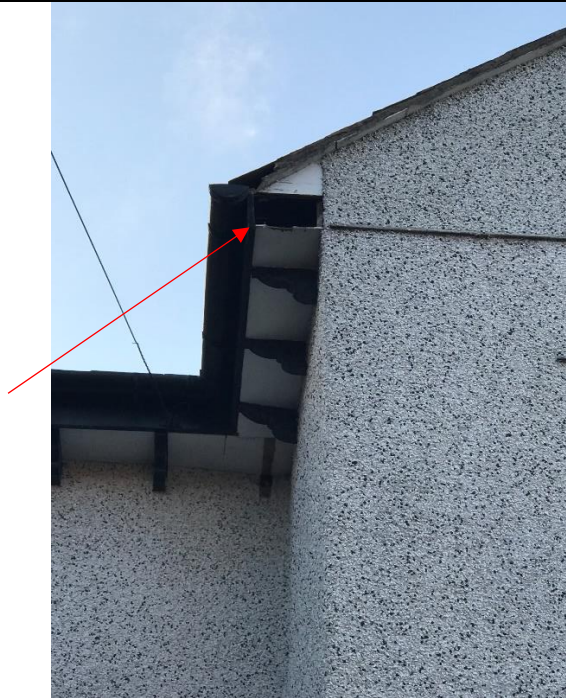
Photograph 4: The front aspect, with association to the west gable wall of the property showing the gap in the soffit box.



Photograph 5: The front aspect, with association to the east gable wall of the property showing the gap in the soffit box.



Photograph 6: Missing end of the soffit box, possibly only been missing for a couple of days at the time of writing. (TN3)



Photograph 7: Missing end of the soffit box, possibly only been missing for a couple of days at the time of writing. (TN3)



Photograph 8: Facia boards at the rear of the property. Arrow is pointing to where the slipped slate roof tile was. (TN1)



Photograph 9: Facia boards at the rear of the property.



Photograph 10: Missing mortar on the west gable end of the property. (TN2)



Photograph 11: An example of the interior rooms in the property.



Photograph 12: An example of the interior rooms in the property.



Photograph 13: An example of the interior rooms in the property.



Photograph 14: An example of the interior rooms in the property.



Photograph 15: An example of the interior rooms in the property.



Photograph 16: Basement showing the stone floor and walls.



Photograph 17: The steel beam in the basement.



Photograph 18: The air vent/brick in the basement.



Photograph 19: The static detector in situ in the basement.



Photograph 20: The loft space, showing the rafters, purlin, bitumen backed tiles, brick eastern gable wall and loft insulation.



Photograph 21: The loft space, showing the rafters, purlin, bitumen backed tiles, brick east gable wall and floor boards.



Photograph 22: The static detector in situ in the loft space.

Appendix G: Target Notes



Office 1, Llys Clwyd Cwrt Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1NJ
email: rml@rmlconsult.com web: www.rmlconsult.com
Tel +44(0)1824 704366
Registered in England No. 1848683 VAT Reg. No. 401 4243 13





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Cleient / Client:

CLWYD ALYN HOUSING

Enw project / Project name:

24 Park Street,
Wrexham

Teitl lluniad / Drawing title:

Target Notes

Eglurhad / Key:

Red Line Boundary

Target Notes

Graddfa / Scale (A3):
1:300 @ A3

Dyddiad / Date:
July 2023

Darlunwyd gan:
Drawn by:
KM

Rhif lluniad / Drawing number:
3272 / 03

Gwirwyd gan:
Checked by:
DH

Darparwyd gan / Prepared by:



1 Llys Clwyd, Cwrt Y Dderwen, Ffordd Celyn, Rulins, Denbighshire, LL15 1NJ

Rhif Ffôn/Tel: +44 (0)1824 704566, Ffacs/Fac: +44 (0)1824 705450

e-bodl/e-mail: rm@rmlconsult.com, info@rmlconsult.com, Gwefay/Website: www.rmlconsult.com

APPENDIX H: Example bat and bird specifications



Office 1, Llys Clwyd Cwrt Y Dderwen, Ffordd Celyn, Ruthin, Denbighshire LL15 1NJ
email: rml@rmlconsult.com web: www.rmlconsult.com
Tel +44(0)1824 704366
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Bat and Bird Survey and Report

Bat Boxes Links to suppliers ⁹ and images	
2FE Schwegler Wall-Mounted Bat Shelter https://www.arkwildlife.co.uk/2FE_Wall_Mounted_Bat_Shelter.	
1FQ Schwegler Bat Roost https://garden.jardinitis.com/schwegler-bat-roost-1fq	
1FE Schwegler Bat Access Panel https://www.nhbs.com/4?slug=integrated-batboxes	
Habibat Bat Box - Plain (For Rendering) https://www.nhbs.com/4?slug=integrated-batboxes	

⁹ Other suppliers are available



Bat and Bird Survey and Report

Bird Boxes Links to suppliers ¹⁰ and images	
Schwegler 1SP Sparrow Terrace Nest Box https://garden.jardinitis.com/schwegler-1sp-sparrow-terrace-nest-box	
Woodstone Sparrow Nest Box https://www.nhbs.com/vivara-pro-woodstone-house-sparrow-nest-box	

¹⁰ Other suppliers are available



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