



BAT EMERGENCE SURVEY REPORT

**Birchgrove Farmhouse Barns, Birchgrove Lane,
Horsted Keynes**

On behalf of: David Jenkins Design Ltd.

Client:	David Jenkins Design Ltd.			
Project:	Birchgrove Farmhouse Barns, Birchgrove Lane, Horsted Keynes			
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Revision:	Date:	Author	Proof	Approved
00	30/07/2026	Thomas Rayfield BSc (Hons)	Louise Barker MCIEEM MSc BSc (Hons)	Louise Barker MCIEEM MSc BSc (Hons)

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Validity:

This report is valid for 18 months from the date of the site visit. If works have not commenced by this date, an updated site visit should be carried out by a suitably qualified ecologist to assess any changes in the habitats present on site, and to inform a review of the conclusions and recommendations made.

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SUMMARY

Lizard Landscape Design and Ecology has been commissioned by David Jenkins Design Ltd. to undertake bat emergence surveys of Birchgrove Farmhouse Barns, Birchgrove Lane, Horsted Keynes (*Grid Reference: TQ 39968 30074 – hereafter referred to as 'the site'*).

The site comprises approximately 0.2 hectares (Ha) of residential property and associated outbuildings, located east of Birch Grove, approximately 1.4 kilometre (km) west of Chelwood. The site lies within a rural setting and includes existing buildings, hardstanding and vegetated garden habitat.

The development proposals are understood to include the conversion of connected barn buildings (numbered B1 and B2) into a residential property.

The Preliminary Ecological Assessment (PEA) and daytime bat walkover was carried out on 9th of September 2025 by PJC Consultancy Ltd, wherein DNA analysis results for droppings found within Building B1 confirmed presence of brown long-eared bat *Plecotus auritus*. Building B1 was assessed as offering moderate suitability for hibernating bats.

Hibernation roost inspections were undertaken by Lizard Design and Ecology between January and February 2026, in order to establish the presence or likely absence of hibernating bats within the buildings. The results suggested the likely absence of a hibernation roost within the accessible parts of the buildings, during this survey period. Bat emergence surveys were advised and subsequently carried out in May, June and July 2026.

Emergence surveys of B1 were undertaken on the 2nd of June, 24th of June and 16th of July, while surveys on B2 were undertaken on the 26th of May and 16th of June. The results of the surveys suggest the likely presence of 1no. day roost of brown long-eared bat, supporting up to 4no. individuals with access points on the northwest elevation via the open eaves. This is supported by analysed bat droppings. No evidence of bats roosting in B2 was recorded.

As the works to B1 would cause damage or destruction of a bat roost, a licence shall need to be obtained from Natural England to allow works to progress. Recommended mitigation measures that form part of that licence are detailed herein.

1.0 INTRODUCTION

- 1.1 Lizard Landscape Design and Ecology has been commissioned by David Jenkins Design Ltd. to undertake emergence surveys of Birchgrove Farmhouse Barns, Birchgrove Lane, Horsted Keynes (*Grid Reference: TQ 39968 30074 – hereafter referred to as 'the site'*).
- 1.2 During the Preliminary Ecological Assessment (PEA) and daytime bat walkover carried out on 9th of September 2025 by PJC Consultancy Ltd, DNA analysis results of droppings found within Building B1 confirmed presence of brown long-eared bat *Plecotus auritus*. Building B1 was assessed as offering moderate suitability for hibernating bats.
- 1.3 Hibernation roost inspections were undertaken by Lizard Design and Ecology on the 22nd of January and the 19th of February 2026. A bat detector was positioned centrally in the roof along a wooden beam within the building between 22nd January and 23rd of March 2026, in order to establish the presence or likely absence of hibernating bats within the buildings. The results suggested the likely absence of a hibernation roost within the accessible parts of the buildings during this survey period. No further hibernation survey visits were considered necessary, although further 'active season' bat emergence surveys were recommended.
- 1.4 Subsequently, three bat emergence surveys of Building B1 and two bat emergence survey of Building B2 were undertaken between May, June and July 2026.
- 1.5 The purpose of the bat emergence surveys and this report is to establish the presence or absence of a bat roost within the buildings, characterisation of any roosts present and to allow the full impact of the proposed development to be established.
- 1.6 This report has been compiled in accordance with current guidelines, including British Standard 42020:2013 Biodiversity. Code of Practice for Planning and Development, 2013 and Bat Conservation Trust, Good Practice Guidelines 2023.

Site Information

- 1.7 The site comprises approximately 0.2 hectares (Ha) of residential property and associated outbuildings, located east of Birch Grove, approximately 1.4km west of Chelwood. The site lies within a rural setting and includes existing buildings, hardstanding and vegetated garden habitat.

Surrounding Landscape

- 1.8 The surrounding landscape comprises large open green spaces and woodland parcels interspersed with residential properties. This wider landscape provides suitable foraging and commuting habitat for bats, together with additional roosting opportunities within nearby buildings and trees.
- 1.9 The surrounding landscape is rural with nearby woodlands and both open farmland making the site suitable for most UK bat species.

Development Proposals

- 1.10 The development proposals are understood to include the conversion of Buildings B1 and B2 into a residential dwelling.

2.0 SCOPE OF THE SURVEY

- 2.1 The aim of the survey has been:
- To assess the buildings for signs of current use by bats;
 - To establish the location of any roosts if present;
 - To establish the numbers and species of bats present;
 - To identify access points and flight lines to and from the building;
 - To provide suitable mitigation measures.

3.0 METHODOLOGY

3.1 Bat Emergence Surveys

- 3.1.1 In accordance with current best practice guidelines (BCT, 2023), three emergence surveys of B1 and two emergence surveys of B2 were undertaken to characterise the roost(s) and provide data to inform the impacts of development upon roosting bats.
- 3.1.2 Two bat surveyors were in attendance for each survey and assigned a perspective each to adequately cover all potential roost features of each building (*Refer to Figure No. 01 – Bat Survey Plan*).
- 3.1.3 The emergence surveys started 15 minutes before sunset and terminated 1.5 hours after sunset. Data including species, behaviour and general patterns of activity were recorded throughout the survey. Details of the survey visits can be found in *Table No. 01* below.

Table No. 01 – Bat Emergence Survey Details – B1

Date	02/06/2026	24/06/2026	16/07/2026
Survey Type	<i>Dusk</i>	<i>Dusk</i>	<i>Dusk</i>
Surveyors	<i>Louise Barker, Jen Gibbons</i>	<i>Eve Hills, Ben Lapham</i>	<i>Louise Barker, Sam Hall</i>
Weather	<i>13°C, WF1, 0% cloud, dry</i>	<i>31°C, WF1, 0% cloud, dry</i>	<i>22°C, WF3, 15% cloud, dry</i>
Sunset	<i>21:06</i>	<i>21:20</i>	<i>21:08</i>
Start	<i>20:51</i>	<i>21:05</i>	<i>20:53</i>
Finish	<i>22:36</i>	<i>22:50</i>	<i>22:38</i>

Table No. 02 – Bat Emergence Survey Details – B2

Date	26/05/2026	16/06/2026
Survey Type	<i>Dusk</i>	<i>Dusk</i>
Surveyors	<i>Louise Barker, Sam Douglas</i>	<i>Eve Hill, Sam Douglas</i>
Weather	<i>21°C, WF2, 15% cloud, dry</i>	<i>17°C, WF1, 0% cloud, dry</i>
Sunset	<i>20:58</i>	<i>21:21</i>
Start	<i>20:35</i>	<i>21:06</i>
Finish	<i>22:20</i>	<i>22:51</i>

- 3.1.4 Bats were identified using Echo Meter Touch Pro 2 bat detectors. Two Whisker Nightfox infra-red cameras were also used to aid the surveys (see *Figure No. 02 - Bat Survey Plan*) in line with night visual aid guidance.

Data Analysis

- 3.1.5 Sonogram analysis was undertaken using the Kaleidoscope programme and video footage was reviewed to check any potential emergences identified over the course of the surveys, as well as the darkest half an hour at the end of the emergence survey.

Surveyor Details

- 3.1.6 The surveys were led by experienced surveyors and assisted by experienced field ecologists. The following surveyors were used during these surveys:

- Louise Barker – MCIEEM, NE Class 2 Licence Holder, 10 years survey experience.
- Sam Hall – Consultant Ecologist with 4 years survey experience.
- Eve Hill – Assistant Ecologist with 4 years survey experience.
- Ben Lapham – Assistant Ecologist with 3 years survey experience.
- Jen Gibbons – Seasonal Ecologist with 2 years survey experience.
- Sam Douglas – Seasonal Ecologist with 2 years survey experience.

3.2 Limitation and Constraints

- 3.2.1 During the survey of B1 on the 16th of July, a momentary technical issue with the bat detector software prevented audio or sonographic ID of the emergence noted by surveyor Sam Hall at 21:40. Camera footage confirmed its emergence, though the bat was not identifiable from footage alone. Although the species was later corroborated by the surveyor on the opposite side of the building.
- 3.2.2 No further limitations to the emergence surveys were encountered, the surveys were undertaken at the optimal time of year and in suitable weather conditions for bats to be active.

4.0 RESULTS

4.1 Desk Study

- 4.1.1 The desk study returned 36no. records for bats identified since 2012, within a 2.0km radius of the site area. Identified species include common pipistrelle *Pipistrellus pipistrellus*, soprano pipistrelle *Pygmaeus pipistrellus*, serotine *Cnephaeus serotinus*, brown long-eared *Plecotus auritus*, Daubenton's *Myotis daubentonii*, and noctule *Nyctalus noctula*.

4.2 Preliminary Roost Assessment

- 4.2.1 The initial walkover survey was completed in September 2025 by PJC Consultancy Ltd. Building B1 was characterised as a stone-and-mortar barn with a pitched clay tile roof, open eaves, gaps within the stonework and open mortise and tenon joints. It was also identified as supporting a confirmed bat roost. Bat droppings were recorded scattered throughout the internal elements of the building and DNA analysis confirmed the droppings to be from brown long-eared bat *Plecotus auritus*. Building B1 was also assessed as offering moderate suitability for hibernating bats.
- 4.1.2 Building B2 was described as a single storey timber-clad structure with lifted and missing weatherboarding, lifted and damaged roof tiles, and some open eaves. No evidence of bats was recorded within this building during the Preliminary Ecological Appraisal. Building B2 was assessed as offering moderate suitability for summer roosting bats and low suitability for hibernating bats. For full details of the preliminary assessment, refer to the Preliminary Ecological Appraisal (PJC Consultancy Ltd, October 2025).

4.3 Bat Emergence Surveys

- 4.3.1 A total of 2no. bat emergences and 3no. bat re-entries were observed across the surveys for Building B1. 1no. emergence and 3no. re-entries were recorded on the 2nd June 2026 and 1no. bat emergence was recorded on the 16th July 2026. Video and audio recordings confirmed these as brown long-eared bats *Plecotus auritus*. No bat emergences were recorded for Building B2.

Bat Emergence Survey 1 – B1, 02/06/2026

- 4.3.2 During this survey, moderate levels of foraging and occasional commuting activity for both soprano pipistrelle *Pipistrellus pygmaeus* and common pipistrelle *Pipistrellus pipistrellus* were recorded in the local area between 21:39 and 22:30, from the northwestern perspective. 1no. bat emergence and 3no. re-entries of bats to the building were recorded at 21:29, 22:14 22:15, and 22:24 respectively, beneath the eaves of the building's northern corner.
- 4.3.3 The surveyor on the eastern side of Building B1 only observed emergence and re-entry activity on the north corner, pertaining to the activity described above. Sonograms from this perspective were used to identify the species to brown long-eared. Additional activity was limited to low levels of unobserved foraging and commuting activity for noctule *Nyctalus noctula*, common pipistrelle, long-eared species and a myotis species. Further detail can be found within *Appendix B – Full Survey Results* and images of entry locations can be found within *Appendix C – Emergence Points*.
- 4.3.4 Three myotis species bats (possibly *Myotis brandtii*) were also incidentally observed to emerge from a neighbouring building within the residential ownership boundary at 21:34, 21:35 and 21:36 respectively. These were confirmed by the camera footage, though notably this building is not currently within the red-line boundary.

Bat Emergence Survey 2 – B1, 24/06/2026

- 4.3.5 During this survey, low levels of foraging and commuting activity of common pipistrelle and soprano pipistrelle bats were recorded in the local area between 21:55 and 22:37. No emergences were recorded. Further detail can be found within *Appendix B – Full Survey Results*.

Bat Emergence Survey 3 – B1, 16/07/2026

- 4.3.6 During the final survey on B1, low to moderate levels of foraging and commuting activity of common pipistrelle, serotine, and myotis species were recorded in the local area from 21:39 to 22:38. A single emergence of an unconfirmed bat species was recorded from the eaves from the northwest elevation at 21:40. Further detail can be found within *Appendix A – Site Photographs* and *Appendix C – Emergence Points*.

Bat Emergence Survey 1 – B2, 26/05/2026

- 4.3.7 During this survey, low levels of foraging and commuting activity were recorded. Species included common pipistrelle, soprano pipistrelle, serotine, and noctule species, between 20:53 to 22:17. No emergences were recorded. Details can be found within *Appendix B – Full Survey Results*.

Bat Emergence Survey 2 – B2, 16/06/2026

- 4.3.8 During this survey, moderate levels of foraging and commuting activity were recorded from the eastern survey point. Species included serotine, common pipistrelle and noctule, between 21:34 and 22:50. From the western survey point, activity was limited to low levels of distant passes for 3no. species: common pipistrelle, serotine and noctule; until 21:50 where the surveyor recorded an approximate 10-minute period of high foraging activity. No emergences were recorded. Further detail can be found within *Appendix B – Full Survey Results*.

5.0 Evaluation and Mitigation

- 5.0.1 The results of the survey suggest the likely presence of 1no. day roost of brown long-eared bat, supporting up to 4no. individuals with access points on the northwest elevation via the open eaves. This is supported by analysed bat droppings in 2025. This information has been deemed as sufficient for planning and a mitigation licence application.
- 5.0.3 In the absence of mitigation impacts may include killing or injuring of individual bats roosting within B1, damage, disturbance or destruction of a bat day roost of brown long-eared bats from the site. The impacts would be of major magnitude at the site level and certain to occur.
- 5.0.4 The works to B1 would cause the destruction of a bat roost, a licence shall be obtained from Natural England to allow works to progress. Mitigation measures will be agreed through the application process for a mitigation licence from Natural England but are likely to be as follows:
- Licence application made to Natural England, once full planning permission is received.
 - Works impacting day roosts can be undertaken at any time of the year (although should aim to avoid the hibernation season). No works to the building are to begin until the licence is received.
 - Bat boxes including 2no. cavity dwelling species specific (suitable for long eared species) boxes shall be installed to the southern aspect of an adjacent mature tree.
 - Once the licence is received, a toolbox talk shall be given to all contractors to make them aware of the legislation relating to bats, and what to do should a bat be unexpectedly found on site.
 - Following erection of bat boxes, a soft strip of any roof and hanging tiles in the vicinity of the known roost required for removal shall be completed. All works shall be undertaken under ecological supervision.
 - Any bats found shall be caught by hand and released into the pre-erected bat box.

- Non-bitumen coated roofing membranes (formerly BRMs) shall not be used in any building on site as this can cause bat entanglement and death. Type 1F felt or a breathable membrane which has passed a snagging propensity test are the only membranes permitted for use under licence.
- Existing adjacent vegetation should be retained where possible.
- A monitoring visit shall be completed in the summer following completion of the works, with any remedial measures identified by the survey completed as soon as possible.

5.0.5 Any new external lighting should adhere to a sensitive lighting scheme with lighting kept to the minimum levels and angled down and away from roost access points, bat boxes and surrounding mature trees and hedges. Any soft landscaping should include '*bat-friendly*' planting to maintain and enhance the foraging resource on site.

6.0 REFERENCES

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Ministry of Housing, Communities & Local Government. (2024). National Planning Policy Framework. Fry Building, 2 Marsham Street, London. This publication is available [online] at www.gov.uk/government/publications

Multi-Agency Geographic Information for the Countryside (MAGIC). (2013). Interactive Map. [online]. Available at <http://www.magic.gov.uk/Magicmap.aspx>

Mitchell-Jones and McLeish: Bat Workers Manual; JNCC, 3rd Edition (2004).

Appendix A – Survey Plan and Site Photographs



Figure No. 01 – Bat Survey Plan. Building B1 and respective surveyor perspectives (SP1/SP2) are indicated in yellow. B2 and the respective surveyor perspectives (SP3/SP4) are in red.



Image No. 01 – B1, northwestern building elevation (SP1).



Image No. 02 – B1, eastern survey perspective (SP2).



Image No. 03 – B2, eastern survey perspective (SP3).



Image No. 04 – B2, western survey perspective (SP4).

Appendix B – Full Survey Results

Building B1

Date	02/06/26
Survey Type	Dusk
Sunrise / Sunset	21:06
Start Time	20:51
End Time	22:36
Start Temperature	13 °C
End Temperature	12
Wind (Beauforts)	1
Cloud Cover	1/8
Rain	None

Surveyor	LB	
Survey Point	B1: N and E aspects / SP2	
Brief Summary of Observed Bat Activity	1x BLE re-entry observed at NW corner. 2x BLE re-entry observed at NW corner on footage. Myotis sp. emergence noted from main building outside of red line. CPip commuting and foraging. 1x Noct pass.	
Limitations	None.	
Time	Species	Notes
21:10		Wren investigating NW corner of B1.
21:29	N/K	No call. Flew from N to NW corner (access point) of B1. Re-entry.
21:34	MYOT SP.	Emergence from building behind survey point (not in red line), flew along E aspect of B1 heading N
21:35	MYOT SP.	Emergence from building behind survey point (not in red line), flew along E aspect of B1 heading N
21:36	MYOT SP.	Emergence from building behind survey point (not in red line), flew along E aspect of B1 heading N
21:39	CPIP	Flew from SE of B1 heading N
21:47	CPIP	Flew from NW past B1 heading SE
21:50	NOCT	HnS
21:54-21:59	CPIP	Foraging route around B1 N to SE
21:58	MYOT SP.	Whk? HnS
22:04	CPIP	HnS brief commuting pass
22:08	CPIP	Foraging around B1 heading N
22:11	SPIP	HnS
22:15	BLE	Re-entry NW corner. Roost access point near guttering under eaves.
22:18	SPIP	Foraging pass
22:22	GLE	HnS check NF
22:24	BLE	Re-entry near NW corner. Roost access point as above, under eaves.
22:28	CPIP	Foraging pass
22:30	CPIP	Foraging route N to SE

Surveyor	JG	
Survey Point	B1: W and S aspects / SP1	
Brief Summary of Observed Bat Activity	3x re-entry of BLE to NW corner of B1. 1x emergence from central eaves (likely BLE).	
Limitations	Dark spot at NW end during survey, persisted into footage.	
Time	Species	Notes
21:29	N/K	Silent re-entry on corner of building under eaves.
21:50	NOCT	HnS
22:09	CPIP	HnS
22:15	BLE	Re-entry on corner of building under eaves.
22:15	N/K	Emergence, middle of building, under eaves. Likely BLE.
22:15	CPIP	HnS
22:22	BLE	HnS.
22:22	GLE	HnS
22:24	BLE	HnS. Re-entry on corner of building under eaves.

Date	24/06/2026
Survey Type	Dusk
Sunrise / Sunset	21:20
Start Time	21:05
End Time	22:50
Start Temperature	31 °C
End Temperature	25 °C
Wind (Beauforts)	1
Cloud Cover	1/8
Rain	None

Surveyor	EH	
Survey Point	B1: N and E aspects / SP2	
Brief Summary of Observed Bat Activity	Occasional CPip pass, HnS.	
Limitations	None.	
Time	Species	Notes
21:55	CPIP	Flew from S past B1 headed to trees to the N. Foraging
22:01	SPIP	Flew over roof from W side
22:06	SPIP	Brief call. HnS.
22:08	SPIP	Seen from NW side of building check camera. No emergence.
22:09	CPIP	Same as above, check camera. No emergence.
22:13	CPIP	HnS.
22:14	CPIP	Flew from trees to W of building passed N gable, headed E. Foraging. Looped back to trees
22:32	CPIP	Brief call. HnS.
22:32	SERO	Few calls. HnS.

Surveyor	EH	
Survey Point	B1: N and E aspects / SP2	
22:36	CPIP	Few faint calls
22:37	SPIP	Brief call. HnS.

Surveyor	BL	
Survey Point	B1: W and S aspects / SP1	
Brief Summary of Observed Bat Activity	Low activity. No emergences.	
Limitations	None.	
Time	Species	Notes
22:00	CPIP	Faint HnS
22:33	SERO	Foraging overhead.
22:37	CPIP	HnS.
22:38	CPIP	HnS.

Date	16/07/2026
Survey Type	Dusk
Sunrise / Sunset	21:08
Start Time	20:53
End Time	22:38
Start Temperature	22 °C
End Temperature	19 °C
Wind (Beauforts)	3
Cloud Cover	2/8
Rain	None

Surveyor	EH	
Survey Point	B1: N and E aspects / SP2	
Brief Summary of Observed Bat Activity	CPip and Sero foraging. Occasional Leis and Myo pass.	
Limitations	None.	
Time	Species	Time
21:39	MYOT SP.	Flew from E to NW.
21:41	CPIP	Flew N
21:42	SPIP	Flew NE
21:44	CPIP	Flew from W to NE
21:51-22:05	CPIP	1x flew from NE heading SW, foraging loops back and forth
21:52	CPIP	Flew SW to NE
22:03	SERO	Flew from NW over B1, flying high
22:09	SPIP	HnS. Brief pass
22:10	LEISL	2x flew N to W, high pass.
22:12-22:17	CPIP	Continuous foraging loop around B1

Surveyor	EH	
Survey Point	B1: N and E aspects / SP2	
22:23	CPIP	HnS
22:24	SERO	Foraging.
22:25	MYOT SP.	Flew S.
22:29-22:30	CPIP	Foraging S of B1
22:35	SPIP	HnS. Brief pass
22:37	CPIP	Foraging S of B1

Surveyor	SH	
Survey Point	B1: W and S aspects / SP1	
Brief Summary of Observed Bat Activity	1x emergence of unknown sp. CPip and SPip foraging, mainly HnS. Odd Sero and Myo pass.	
Limitations	None.	
Time	Species	Time
21:40	N/K	Detector error. Emergence from eaves. Confirmed on camera.
21:43	SPIP	Flew overhead towards NE
21:53	CPIP	HnS
21:57	CPIP	HnS
22:00	CPIP	Flew overhead towards NE
22:02	SERO	Flew overhead and over B1
22:04	CPIP	HnS
22:09	MYOT SP.	2 bats flew toward me away from smaller building. No emergence seen on cam.
22:09	SERO	Commute overhead towards SW
22:10-12	CPIP	HnS x2 passes.
22:16	CPIP	HnS
22:17	SERO	HnS
22:17-19	CPIP	HnS x2 passes
22:19	SPIP	HnS
22:22	CPIP	HnS
22:24-25	SERO	HnS x2 passes
22:26	CPIP	HnS
22:30	CPIP	HnS
22:35	MYOT SP.	HnS
22:36	CPIP	HnS

Building B2

Date	26/05/2026
Survey Type	Dusk
Sunrise / Sunset	20:58
Start Time	20:35
End Time	22:20
Start Temperature	21 °C
End Temperature	18 °C
Wind (Beauforts)	2
Cloud Cover	2/8
Rain	None

Surveyor	LB	
Survey Point	B2: S and E aspects / SP3	
Brief Summary of Observed Bat Activity	CPip foraging and occasional Sero activity	
Limitations	None.	
Time	Species	Notes
21:17	PIP SP.	Flew from E to N
21:30	CPIP	Flew from N to E
21:32-33	SPIP	2x individuals foraging over surveyor. Flew S
21:41-54	SPIP	Continuous foraging in front of SP. Feeding buzz
21:51	SERO	Brief pass. HnS
21:54	SERO	Flew S of B2
21:55	CPIP	Brief commuting pass in front of SP HnS
22:00-02	SPIP	Foraging in front of position.
22:06-09	CPIP	Flew S to NE, foraging route
22:12	CPIP	Foraging pass
22:17	CPIP	HnS. Brief pass.

Surveyor	SD	
Survey Point	B2 – N and W aspects / SP4	
Brief Summary of Observed Bat Activity	SPip and CPip activity. 2x Noc and 1x Sero pass Mostly HnS. Activity perceived to centre on adjacent hedgerows.	
Limitations	None.	
Time	Species	Notes
20:53	SPIP	HNS
21:43	SPIP	HNS
21:40	NYC SP.	HNS
21:53	NYC SP.	HNS
21:58	SERO	Flying above in field
21:59	SPIP	HNS

Surveyor	SD	
Survey Point	B2 – N and W aspects / SP4	
22:00	NYC SP.	HNS
22:06	CPIP	HNS
22:13	CPIP	Flying above in field

Date	16/06/2026
Survey Type	Dusk
Sunrise / Sunset	21:21
Start Time	21:06
End Time	22:51
Start Temperature	17 °C
End Temperature	16
Wind (Beauforts)	1
Cloud Cover	1/8
Rain	None

Surveyor	EH	
Survey Point	B2: S and E aspects / SP3	
Brief Summary of Observed Bat Activity	Moderate CPip and SPip foraging and commuting. High/constant Sero activity after sunset - suspected roost nearby.	
Limitations	None.	
Time	Species	Notes
21:34	CPIP	Brief call. HnS
21:42	CPIP	Check camera - E to N in front of building. Commuting. No emergence.
21:44	SPIP	1x bat N to E
21:49	SPIP	1x bat N to S. Commuting
21:50	CPIP	N to S
21:54	NOCT	HnS
21:56	SERO	E to S
21:58-22:00	CPIP	Foraging around B2
21:58	SERO	E to W. Foraging.
22:02-22:12	SERO	3x bats. Very active foraging around building. Numerous passes
22:11	CPIP	Foraging around B2
22:14-22:23	SERO	Foraging around B2
22:19	SPIP	Brief HnS
22:19	CPIP	HnS
22:24	SPIP	W to E over B2
22:24-22:27	SERO	HnS (faint)
22:29	SERO	Foraging to W
22:30-22:34	SERO	Very active, made 1 pass otherwise HnS.

Surveyor	EH	
Survey Point	B2: S and E aspects / SP3	
22:35	SERO	W to S. Foraging
22:35 -22:37	CPIP	HnS
22:37-22:45	SERO	Lots of activity but HnS (faint).
22:45	SPIP	HnS
22:46	SERO	HnS
22:47-22:48	CPIP	HnS
22:48	SERO	HnS
22:50.	CPIP	HnS
22:45	SPIP	HnS
22:46	SERO	HnS
22:47-22:48	CPIP	HnS
22:48	SERO	HnS
22:50.	CPIP	HnS

Surveyor	SD	
Survey Point	B2 – N and W aspects / SP4	
Brief Summary of Observed Bat Activity	Mainly HnS commuting and foraging CPip, Noct and Sero.	
Limitations	None.	
Time	Species	Notes
21:49	CPIP	HnS
21:56	NOCT	HnS
22:00	SERO	HnS
21:55	NOCT	Flying overhead
21:55	SERO	Flying overhead
22:06	CPIP	HnS
22:09	NOCT	Foraging above
22:23	SERO	HnS
22:29	SERO	HnS
22:28	CPIP	HnS
22:43	SERO	HnS
22:44	CPIP	HnS
21:50:00 - 58	SERO	Loads of activity

Appendix C – Emergence/Re-entry Points

Building B1, Survey 1 - northwest aspect.



Image No. 05 – B1, northwest aspect. Re-entry at 21:29 on 02/06/2026 between guttering and eaves. Entry point location circled in red.



Image No. 06 – B1, northwest aspect. Re-entry at 22:15 on 02/06/2026 between guttering and eaves. Access point circled in red, bat visible faintly, circled in yellow to the left.



Image No. 07 – B1, northwest aspect. Emergence at 22:15 on 02/06/2026 between guttering and eaves along a central point. Emergence point circled in red.



Image No. 08 – B1, northwest aspect. Re-entry at 22:24 on 02/06/2026 between guttering and eaves. Access point circled in red.

Building B1, Survey 3 - southwest aspect.

Image No. 09 – B1, northwest aspect. Emergence at 21:40 on 16/07/2026 between guttering and eaves. Emergence point circled in red.