

BAT SURVEY REPORT

WEST LODGE, BARFORD ST. MARTIN,
WILTSHIRE

By

stark ecology^{ltd}

JULY 2026

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INTRODUCTION

In August 2023 Stark Ecology Ltd was asked by Mr and Mrs Stephenson to carry out a Preliminary Roost Appraisal of West Lodge, Barford St. Martin, Wiltshire. The property was proposed for renovation which was to include an extension and work to the roof and roof space.

The site is located at OS Grid Reference SU055314 and is in a central position in Barford St. Martin, a rural village to the west of Salisbury. The property is surrounded by other rural properties with mature gardens and mixed farmland which supports good hedgerow networks. There is excellent woodland connectivity, and the River Nadder forms the western boundary of the property.

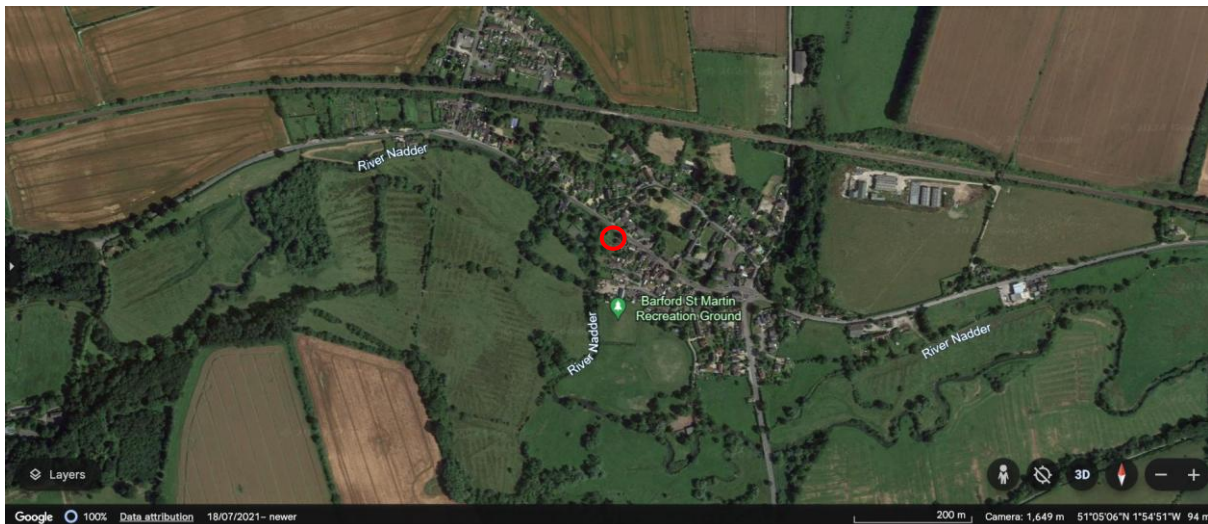


Fig 1: West Lodge has excellent connectivity to woodland and hedgerow networks.

A Preliminary Roost Appraisal (PRA) was carried out on 27th September 2023 by Georgie Starkie BSc (Hons) MSc MRSB (Natural England Class 2 Bat Licence Number 2015-13123-CLS-CLS), when the weather was overcast but dry with a light wind and when the temperature was c.19°C.

Evidence of bats roosting in the property was found during the PRA and so a full suite of three emergence surveys was carried out in May and June 2024.

The first emergence survey was carried out by Gareth Harris BSc (Hons) MSc MCIEEM (Natural England Class 3 & 4 bat licence number 2015-11684-CLS-CLS), Richard Codlin (Natural England Class 2 Bat Licence) and Jake Cousins on 8th May 2024 when the weather was clear and dry with no wind and the temperature was c.17°C.

The second emergence survey was carried out by Georgie Starkie, Gareth Harris and Adam Young (Natural England Class 2 Bat Licence) on 3rd June 2024 when the

weather was clear and dry with no wind and the temperature was between 14 and 18°C.

The third emergence survey was carried out by Richard Codlin and Jake Cousins with the third survey position covered by a camera with infra-red capabilities and IR arrays with footage reviewed by Richard Codlin. This survey was carried out on 24th June 2024 when the weather was partly cloudy but dry with no wind and the temperature was c.21°C.

In 2026 the proposals for the property have been updated and so a single emergence survey was carried out by Jake Cousins and Ellie Gollop PgD (Natural England Class 1 Bat Licence Number 2025-12605-CL17-BAT) on 22nd June 2026 when the weather was overcast but dry with no wind and the temperature was between 21 and 24°C.

METHODOLOGY

Data Search

The MAGIC website was reviewed for details of European Protected Species licences granted by Natural England for sites within 2km of West Lodge and for details of any statutory designated sites within 2km.

Preliminary Roost Appraisal

The property was surveyed internally and externally in accordance with the Bat Survey Guidelines, published by the Bat Conservation Trust (BCT). Externally it was examined for cracks, crevices or other features that could be used by bats for shelter or as access points to voids within the building. Internally it was surveyed for signs of use by bats such as droppings, rub marks or bats themselves.

DNA Analysis

Bat droppings collected from the loft space of the property were sent for DNA analysis to aid species identification.

Emergence Surveys

Emergence surveys were carried out from 15 minutes before sunset until 90 minutes after sunset on 8th May and 3rd and 24th June 2024. EM Touch Pro and Batscanner detectors were used to confirm the species observed. Night Visual Aids were used by each surveyor with a Panasonic HC-VX870 with infra-red array, supported by a Nightfox XC5 850nm torch, Nightfox Whisker, Canon XA11 and Canon AX700 with infra-red array and Nightfox Whisker used to aid visual assessment of bat activity associated with the property. Bat activity in the surrounding area was also noted.

In 2026 one emergence survey was carried out on 22nd June, commencing 15 minutes before sunset and ending 90 minutes after sunset. Batscanner and EM Touch detectors were used and a Canon XA25 with infra-red array and Pixfra Arc A613 thermal camera were used to aid visual assessment of bat activity associated with the property. Bat activity in the surrounding area was also noted.

Limitations

These surveys provide a brief snapshot of the site at the time the work was carried out and while every step was taken to ensure that the results of the survey are accurate, features of ecological value can change and therefore this report is only valid for 12 months.

RESULTS

Data Search

Natural England has granted no licences for work affecting European Protected Species at other properties within 2km of Barford St. Martin but in March 2025 a bat licence was granted for re-roofing work of West Lodge. This licence allowed disturbance to the roosts identified in the property in 2024 (see details below) and work was completed in accordance with that licence during 2025.

The River Nadder, which forms the western boundary of the property, is part of the River Avon System Special Area of Conservation (SAC) and Site of Special Scientific Interest (SSSI) which is richer and more varied than in most chalk streams with over 180 species of aquatic plant having been recorded, one of the most diverse fish faunas in Britain and a wide range of aquatic invertebrates. The works proposed to West Lodge are limited to the existing property only and therefore impacts on the SAC/SSSI would not be anticipated.

The Burcombe Down SSSI is a botanically rich, grazed chalk grassland which is c.1.9km to the southeast of West Lodge and so no impacts on this site would be anticipated due to the distance between the property and the designated site.

Preliminary Roost Appraisal

External

West Lodge is a two storey property which has block walls with a painted stone facade. In 2024 the roof was asbestos tiles with decorative clay ridge tiles and there was one red brick chimney at the western end of the house and one on the north side of the roof. In 2026 the roof of the property had been replaced with slate (this work was carried out under licence from Natural England in 2025).

Part of the upper floor of the southern face of the house is covered with cement hanging tiles.



Fig 2: West Lodge.

This photo taken from the south on 22nd June 2026.

At the western end of the property is a two storey section of the house which has a lower, monopitch roof. This part of the roof ties into a timber clad part of the gable end wall and the asbestos tiles in this area of the property were also replaced with slate in 2025. Under the bat licence that was issued in 2025 the timber cladding has also been removed from this part of the property.



Fig 3: A lower roof ties in on the western gable which is clad with timber.

This photo taken from the southwest on 27th September 2023.

At the eastern end of the house is an attached single storey garage of the same construction as the house. The door on the north face of the building is left open and the garage is attached to the house by a single storey car port structure which is also open on the north face.



Fig 4: Single storey garage and car part attached to the east face of West Lodge.

This photo taken from the north on 27th September 2023.

Internal

There is a single loft space above the property which was all accessible to the surveyor on 27th September 2023. The asbestos roof tiles were unlined and the loft space insulated with fibreglass material.



Fig 5: The asbestos roof tiles were unlined (and have since been replaced with slate).

This photo taken on 27th September 2023.

There are windows in both gable ends of the loft space which allow daylight to penetrate large areas of this part of the property.



Fig 6: Windows in the gable ends allow daylight to penetrate the loft space.

This photo taken on 27th September 2023.

Bats

In 2024 the building was found to externally support a number of features with the potential to provide roosting opportunities for bats:

- The hanging tiles on the southern face of the property support excellent opportunities for crevice dwelling species such as pipistrelle bats.
- There are crevices in and around the red brick chimneys which could provide roosting opportunities for species such a pipistrelle or serotine and could also provide access to the loft space.
- The open garage and car port could be used by horseshoe bats as a night roost or feeding perch.

Internally evidence of bats was found in the loft space with accumulations of bat droppings noted around both chimneys.



Fig 7: Bat droppings were noted at the base of both chimneys as they pass through the loft space of West Lodge.

This photo taken 27th September 2023.

A sample of the droppings was collected and sent for DNA analysis to aid species identification which confirmed that the droppings were from brown long-eared *Plecotus auritus* and serotine *Eptesicus serotinus* bats.

Emergence Survey – 8th May 2024

The results of this survey are set out in Appendix 2.

This survey was carried out at an optimum time of the year in good weather conditions and bat activity was recorded in the habitat surrounding the property throughout.

A soprano pipistrelle *Pipistrellus pygmaeus* maternity roost was identified on the southern aspect of the house, using features where the hanging tiles meet the soffit box. A total of 89 bats were recorded emerging in this area between 2044 and 2113.

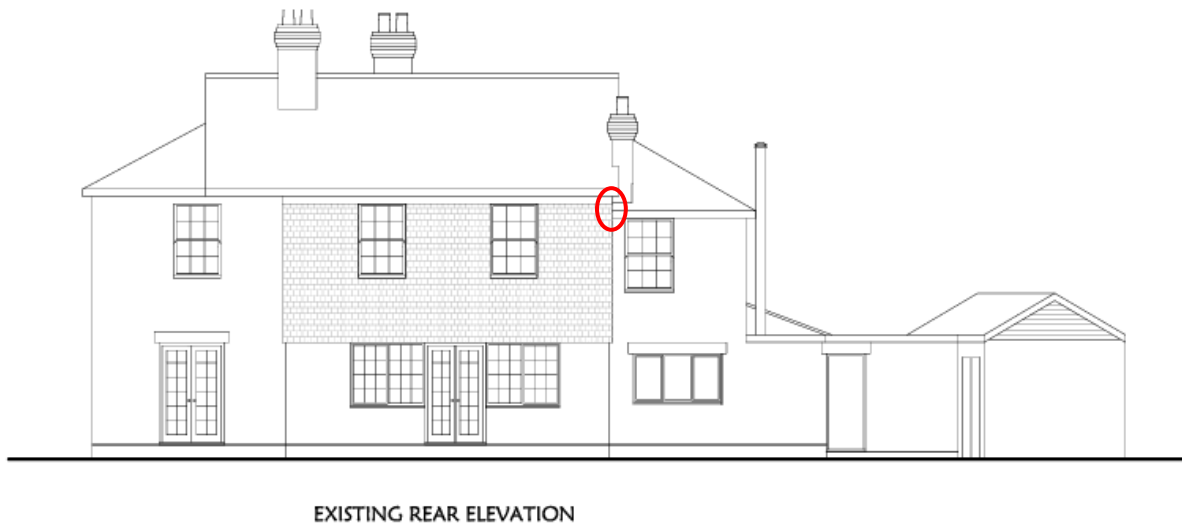


Fig 8: A total of 89 soprano pipistrelle bats were recorded emerging from this area of the southern face of the property on 8th May 2024.

No other emergences were confirmed during this survey but commuting and foraging over the garden and surroundings was recorded by common pipistrelle *P. pipistrellus*, soprano pipistrelle, serotine, noctule *Nyctalus noctula* brown long-eared a lesser horseshoe *Rhinolophus hipposideros* commuted north to south over the site at 2118.

Emergence Survey – 3rd June 2024

The results of this survey are set out in Appendix 3.

During this survey four soprano pipistrelle bats emerged from behind the hanging tiles on the southern face of the property, in the same area as a maternity roost had been identified on 8th May.

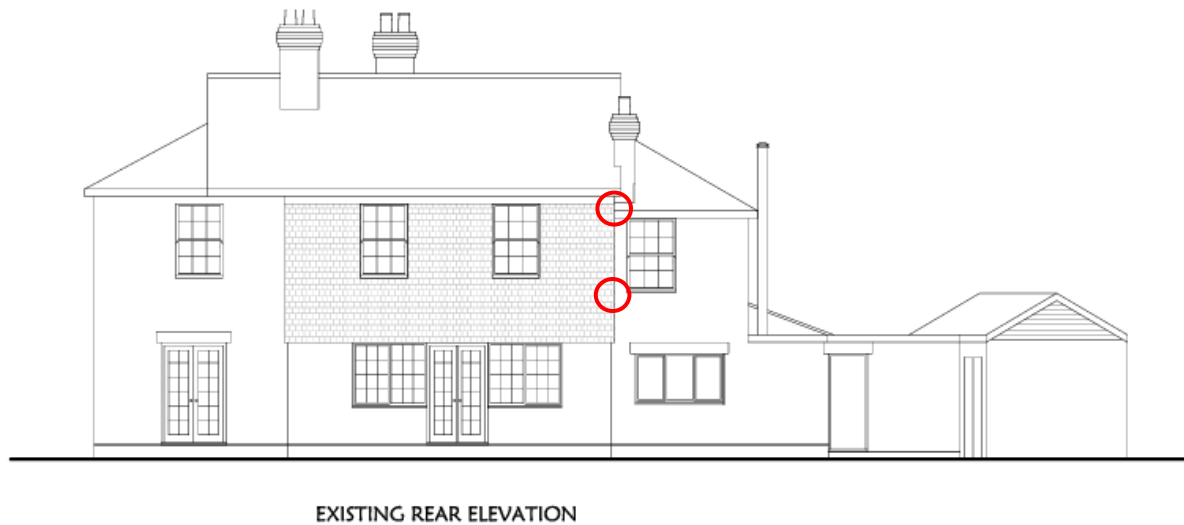


Fig 9: Four soprano pipistrelle bats were recorded emerging from these areas of the southern face of the property on 3rd June 2024.

No other emergences were recorded but commuting and foraging by soprano pipistrelle, common pipistrelle, noctule, brown long-eared and Daubenton's *Myotis daubentonii* was recorded throughout the survey. At 2153 a greater horseshoe *R. ferrumequinum* commuted from the north to the south past the western gable of the house.

Emergence Survey – 24th June 2024

The results of this survey are set out in Appendix 4.

This survey was carried out at an optimum time of the year in fair weather conditions and bat activity was recorded in the habitat surrounding the property throughout.

No bats were recorded emerging from the hanging tiles during this survey and the soprano pipistrelle maternity roost was no longer active in any features of the property.

At 2156 one serotine bat emerged from the western corner of the main part of the house, close to the eaves.



Fig 10: One serotine bat emerged from this area of the property on 24th June 2024.

At 2149 one common pipistrelle bat emerged from the timber cladding on the western gable of the house.



Fig 11: One common pipistrelle emerged from this area of the property on 24th June 2024.

Commuting and foraging was recorded by common pipistrelle, soprano pipistrelle, long-eared, serotine and noctule bats throughout this survey.

Works Under Bat Licence

Following the survey effort described above, work to replace the roof materials was carried out under licence from Natural England in 2025. This did not include direct impacts on the soprano pipistrelle maternity roost behind the hanging tiles but work avoided the peak maternity period in order to minimise disturbance.

Emergence Survey – 22nd June 2026

The results of this survey are set out in Appendix 5.

This survey was carried out at an optimum time of the year in fair weather conditions and bat activity was recorded in the habitat surrounding the property throughout.

During this survey no bats emerged from any part of the property but activity was recorded over the garden and surroundings by soprano pipistrelle, common pipistrelle, serotine, noctule and Myotis sp. At 2248 a lesser horseshoe bat was heard commuting through the garden of West Lodge.

LEGISLATION

Bats

Bats are protected under Regulation 41 of the Conservation of Habitats and Species Regulations 2017 and under Section 9 of the Wildlife and Countryside Act 1981.

Under this legislation it is an offence to:

- Kill, injure or handle a bat;
- Possess a bat (whether alive or dead);
- Disturb a roosting bat; or
- Sell (or offer for sale) a bat (without an appropriate licence).

In addition, it is an offence to damage, destroy or obstruct access to a bat roost, whether it is currently in use or not.

Where bats are present within a feature or structure on a development site in England, a licence may be granted by Natural England for works to alter or remove the roost. Licence applications can only be made once full planning permission has been granted and a suitable mitigation strategy (set out in a detailed Method Statement) forms an essential part of this application process. Works are likely to be seasonally restricted and must be carried out in accordance with the Method Statement agreed with Natural England.

DISCUSSION AND CONCLUSIONS

Bats

A Preliminary Roost Appraisal carried out in September 2023 and emergence surveys carried out in May and June 2024 identified a soprano pipistrelle maternity roost behind the hanging tiles and in the soffit box on the south face of West Lodge, Barford St. Martin. Droppings found in the loft space confirmed that this area of the property was being used by serotine and brown long-eared bats. The number of droppings found and low numbers of bats recorded emerging from the roof of the property indicated that the serotine and brown long-eared roosts are of low numbers of bats only and are used on an infrequent basis as a day/night roost. The loft space could be used by brown long-eared bats over the winter hibernation period.

The serotine and brown long-eared roosts in the loft space of the house were modified when this area of the property was re-roofed in 2025 (under bat licence from Natural England). Although no direct work to the hanging tiles or soffit on the south face of the property was proposed, there was the potential for this work to result in disturbance and possibly some damage to the soprano pipistrelle maternity roost and so the work was carried out in March/April, before the maternity period.

No further work to the hanging tiles or soffit box is proposed but any removal or replacement of the hanging tiles in the future would result in the destruction of the soprano pipistrelle maternity roost and this work would also need to be carried out under licence from Natural England.

The updated plans to extend West Lodge in 2026 will now only result in impacts on the western face of the property, where no bat roosts have been identified in 2023, 2024 or 2026. As there will be no direct impacts on bats or their roosts there is no seasonal constraint on the work to tie in the new extension, and this work will not need to be carried out under licence from Natural England but as there are known to be bat roosts in other areas of the property, the following approach to work to remove roof materials will be adopted in order to avoid accidental disturbance:

- The removal of roof materials (to tie in the new extension) will be carried out under the supervision of a suitably licensed ecologist.
- Roof materials will be carefully removed by hand and will be lifted, not rolled, to prevent crushing any bats which may be present beneath. All materials will then be checked on all surfaces for bats before stacking or throwing.

- In the unlikely event that a bat is found during this work the ecologist will contact Natural England for advice and a licence will be obtained before work to remove the roof materials continues.

Commuting and Foraging

The site supports habitat which can be of value to bats when commuting and foraging and is connected to other areas of high quality habitat for this purpose in the surroundings.

The proposals for the site include the retention and enhancement of all surrounding habitat, which will retain connectivity for bats commuting and foraging through the wider landscape.

External lighting of the extension will be kept to a minimum and will not be allowed to shine onto boundary vegetation. Where external lighting is to be provided, this will comply with ILP Guidance Note 8 and will be installed to the following specification:

- LED luminaires with a warm white (<2700 kelvin) spectrum
- Peak wavelength higher than 550nm
- External security lighting will use motion sensors and be set to a short timer (c.1 minute)
- Luminaires with an upward light ration of 0% will be used.

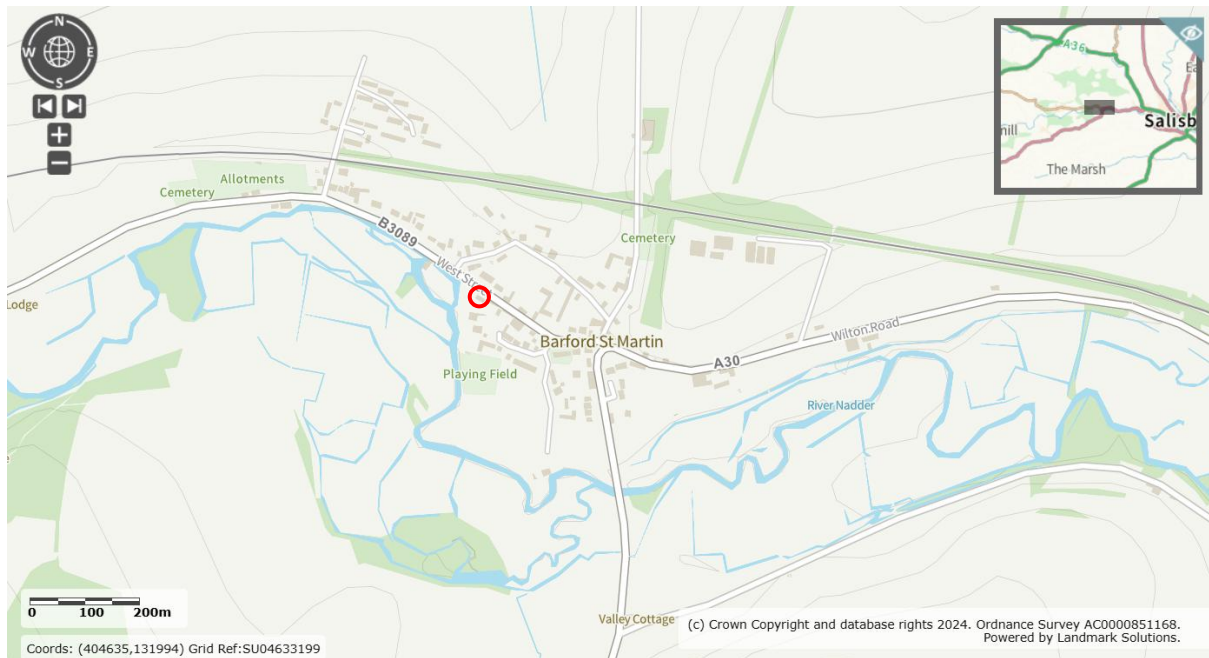
REFERENCES

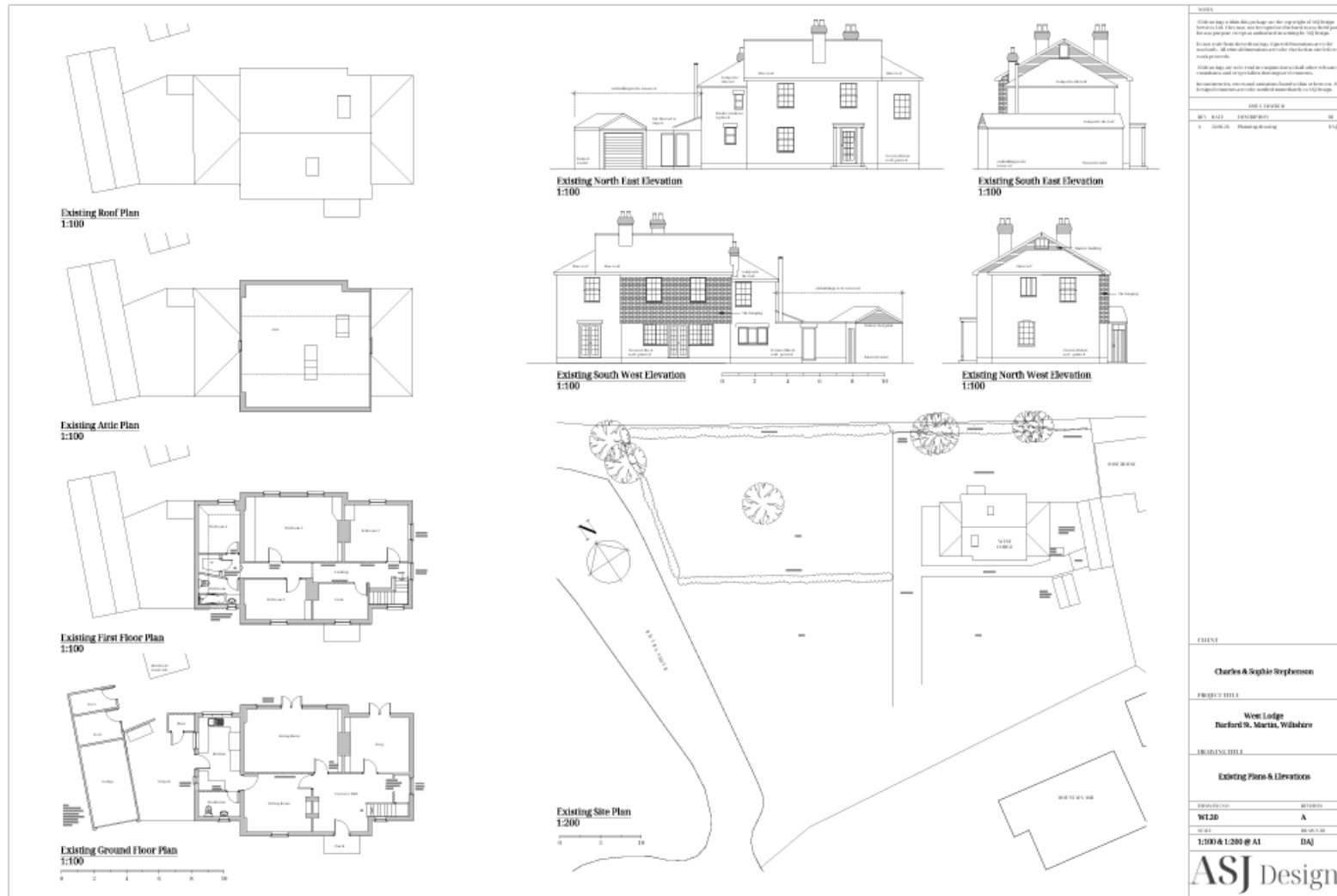
<http://www.magic.defra.gov.uk/>

Collins, J. (ed.). (2023). Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th edition.). The Bat Conservation Trust, London. ISBN-978-1-7395126-0-6.

Bats and Artificial Lighting in the UK. Guidance Note 08/23. 2023. Institution of Lighting Professionals.

APPENDIX 1: SITE MAP







Road Elevation
1:100



Boundary Elevation
1:100



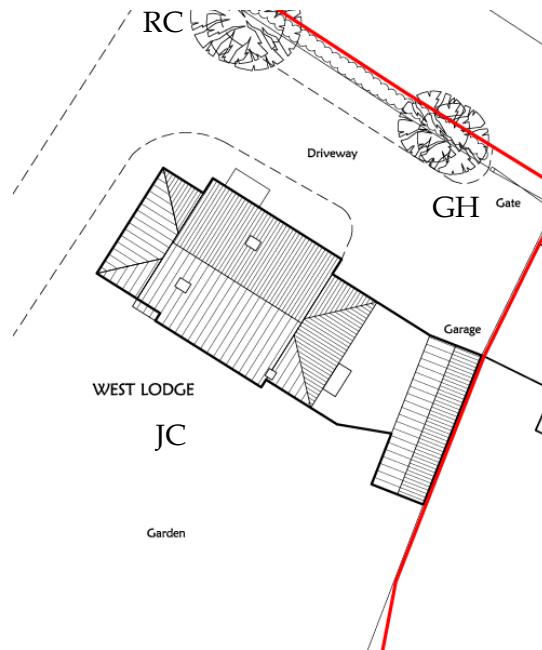
Garden Elevation
1:100



River Elevation
1:100

ASJ Design all drawings are the property of ASJ Design and are not to be used for any other purpose without the written consent of ASJ Design. All drawings are the property of ASJ Design and are not to be used for any other purpose without the written consent of ASJ Design.		
Client: West Lodge, North St. Martin, Wiltshire		
Project: Proposed Elevation		
Scale: 1:100		
Date: 10/11/20		
Drawn by: ASJ		
Checked by: ASJ		
ASJ Design		

APPENDIX 2: EMERGENCE SURVEY 8TH MAY 2024



Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 08/05/24

Weather Conditions: 10% cloud, wind B1, no rain

Max Temp: 16°C

Min Temp: 13°C

Sunset Time: 2041

Survey Type: Emergence

Survey Starts: 2026

Survey Ends: 2211

Surveyor: JC

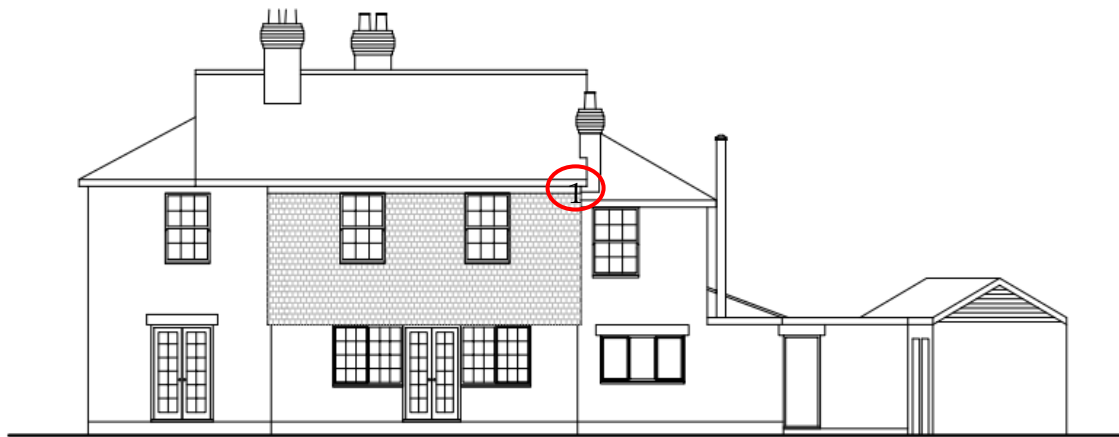
Survey Kit Used:

Batlogger M

Canon XA11

Time	Map Ref	Species	Activity
2044	1	55 pip	1 bat emerged from hanging tile at top right
2045	1	55 pip	Second emergence as above
2049-2113	1	55 pip	87 bats emerged from top right of hanging tiles and from soffit box
2106	2	LE	Flew around the eastern end of the house
2108		45 pip	1 bat foraging overhead

Time	Map Ref	Species	Activity
2116		55 pip	Foraging over garden until survey ends
2118		LHS	Single pass HnS
2123		45 pip	3 bats foraging over garden
2127		Noctule	HnS
2128		Myotis sp.	HnS
2137		Serotine	HnS
2139		45 pip	Foraging HnS
2143		Noctule	HnS
2150		LE	HnS



EXISTING REAR ELEVATION

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 08/05/24

Weather Conditions: 10% cloud, wind B1, no rain

Max Temp: 16°C

Min Temp: 13°C

Sunset Time: 2041

Survey Type: Emergence

Survey Starts: 2026

Survey Ends: 2211

Surveyor: RC

Survey Kit Used:

EM Touch Pro 2

Canon XA11

Time	Map Ref	Species	Activity
2053		55 pip	HnS
2054		55 pip	Flew around house from south
2055		55 pip	Foraging over driveway
2056		55 pip	Commuting over garden
2058		55 pip	HnS
2100		55 pip	Foraging up and down front hedge
2104		45 pip	HnS
2110		Myotis sp.	Foraging HnS
2118		LHS	Flew onto site from the north
2127		Noctule	HnS
2130		Myotis sp.	HnS
2136		LHS	Commuting SE over driveway
2137		Serotine	HnS
2143		Noctule	HnS
2146		LHS	HnS

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 08/05/24

Weather Conditions: 10% cloud, wind B1, no rain

Max Temp: 16°C

Min Temp: 13°C

Sunset Time: 2041

Survey Type: Emergence

Survey Starts: 2026

Survey Ends: 2211

Surveyor: GH

Survey Kit Used:

Elekon Batscanner

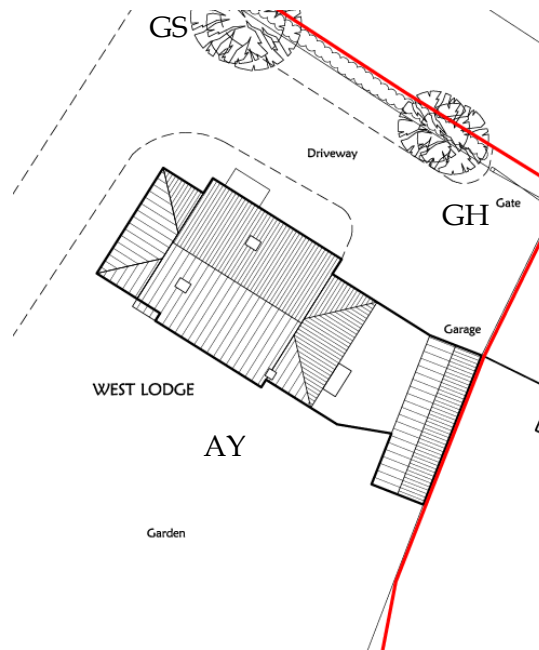
EMT Pro 2

Nightfox Whisker

Time	Map Ref	Species	Activity
2053		45 pip	HnS, faint
2058		55 pip	Commuting over garage from the south
2059		55 pip	HnS
2101		55 pip	Foraging over garden HnS
2107		45 pip	Foraging over garden
2111		55 pip	Foraging HnS
2114		LE	May have emerged, flew SE over driveway towards surveyor
2115		Natterer's	HnS
2121		45 pip	Foraging HnS
2124		45 pip	Foraging HnS
2125		55 pip	Foraging HnS
2126		45 pip	2 bats foraging HnS
2127		Noctule	HnS
2130		55 pip	Foraging HnS
2133		Myotis sp.	Foraging HnS then flew over garage

Time	Map Ref	Species	Activity
2137		Serotine	Foraging HnS in the distance
2139		45 + 55 pip	Foraging HnS
2141		45 pip	Foraging HnS
2143		Noctule	HnS
2143		45 pip	HnS
2145		55 pip	Social calls HnS
2154		45 pip	Foraging HnS
2154		Serotine	Foraging HnS
2157		45 + 55 pip	Regular passes HnS
2205		Leisler's	HnS
2210		Daubenton's	HnS

APPENDIX 3: EMERGENCE SURVEY 3RD JUNE 2024



Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 03/06/24

Weather Conditions: 0% cloud, no rain, wind B1

Max Temp: 18°C

Min Temp: 14.5°C

Sunset Time: 2116

Survey Type: Emergence

Survey Starts: 2101

Survey Ends: 2246

Surveyor: AY

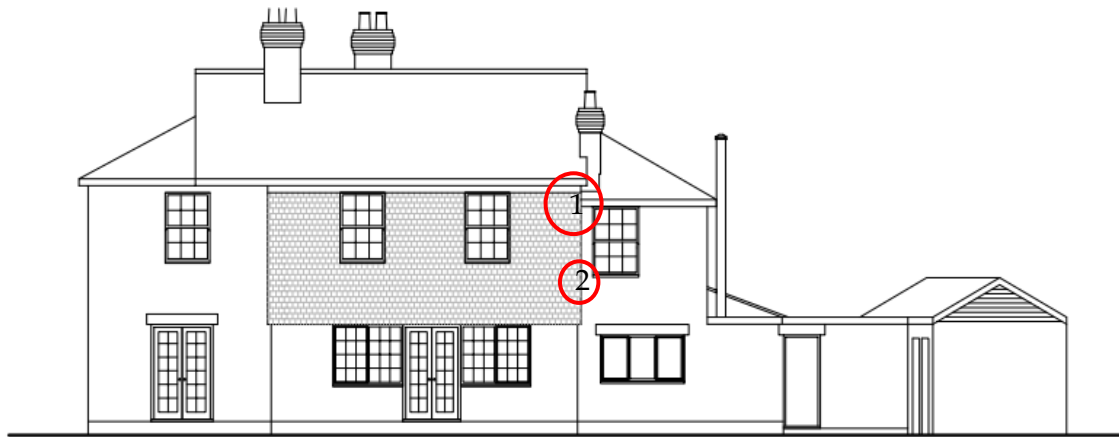
Survey Kit Used:

EM Touch Pro 2

Canon AX700

Time	Map Ref	Species	Activity
2128	1	55 pip	2 bats emerged
2142		55 pip	Commuting over garden
2143		55 pip	Foraging over garden
2143		45 pip	Foraging over garden
2145		45 pip	Foraging over garden

Time	Map Ref	Species	Activity
2148	2	55 pip	1 bat emerged
2155	2	55 pip	1 bat emerged
2217		55 pip	Foraging over garden and close to house
2219		Daubenton's	2 bats foraging over garden
2222		55 pip	Foraging close to house
2223		55 pip	Approached hanging tiles



EXISTING REAR ELEVATION

Survey Kit Used:

EM Touch Pro 2

Panasonic HC-VX870

with 850nm IR array

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 03/06/24

Weather Conditions: 0% cloud, no rain, wind B1

Max Temp: 18°C

Min Temp: 14.5°C

Sunset Time: 2116

Survey Type: Emergence

Survey Starts: 2101

Survey Ends: 2246

Surveyor: GS

Time	Map Ref	Species	Activity
2127		45 pip	Foraging over garden to west of house
2128		Noctule	Foraging high over site
2129		45 pip	Commuting through garden towards GH
2130		55 pip	Over driveway and road foraging
2132		55 pip	Foraging between road and garden
2132		55 pip	Foraging over garden to west of house
2134		55 pip	Flew close to house AY to GS to GH
2137		45 pip	Foraging over garden to west of house
2138		45 pip	Foraging over garden
2144		45 + 55 pip	Foraging over garden ongoing
2150		Noctule	HnS
2153		GHS	Commuting over site, S to N
2205		55 pip	Foraging over driveway
2207		Noctule	HnS
2208		55 pip	2 bats foraging over driveway

Time	Map Ref	Species	Activity
2211		45 pip	Foraging over driveway
2212		45 + 55 pip	Including social calls
2216		55 pip	HnS
2218		45 pip	Foraging over driveway
2219		Daubenton's	Commuting around house
2222		55 pip	Foraging over driveway
2223		Myotis sp.	Brief call HnS
2224		55 pip	Foraging HnS
2231		55 pip	HnS
2234		55 pip	Faint call HnS
2239		Daubenton's	Faint call HnS
2241		55 pip	HnS
2243		55 pip	HnS
2246		55 pip	Social calls HnS

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 03/06/24

Weather Conditions: 0% cloud, no rain, wind B1

Max Temp: 18°C

Min Temp: 14.5°C

Sunset Time: 2116

Survey Type: Emergence

Survey Starts: 2101

Survey Ends: 2246

Surveyor: GH

Survey Kit Used:

Elekon Batscanner

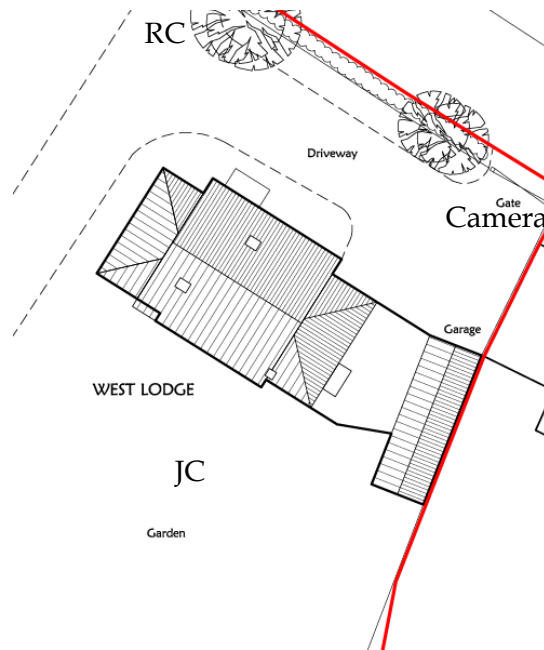
EM Touch Pro 2

Nightfox Whisker

Time	Map Ref	Species	Activity
2127-28		Noctule	HnS overhead
2134		55 pip	HnS – distant call
2136		55 pip	Commuting from AY location
2137		55 pip	HnS
2142		45 pip	Distant call HnS
2143		45 + 55 pip	Commuting from AY location
2145		45 pip	2 bats foraging over garage
2147		LE	Possibly emerged from eastern aspect of building but not observed or recorded.
2149		Noctule	HnS high over site
2200		LE	HnS
2207		Noctule	HnS
2210		Noctule	HnS
2216		55 pip	Foraging overhead
2219		Daubenton's	HnS
2225		Myotis sp.	Foraging HnS

Time	Map Ref	Species	Activity
2229		Daubenton's	HnS
2239		Daubenton's	Foraging HnS
2241		Myotis sp.	HnS
2245		LE	HnS

APPENDIX 4: EMERGENCE SURVEY 24TH JUNE 2024



Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 24/06/24

Weather Conditions: 0% cloud, wind B1, no rain

Max Temp: 21°C

Min Temp: 20°C

Sunset Time: 2127

Survey Type: Emergence

Survey Starts: 2112

Survey Ends: 2257

Surveyor: JC

Survey Kit Used:

Batlogger M

Canon XA11

Time	Map Ref	Species	Activity
2136		55 pip	Commuting through garden
2139		Pip	Flying close to RC
2139		55 pip	Foraging over garden
2142		45 pip	Commuting over garden
2143		45 pip	Foraging over garden

Time	Map Ref	Species	Activity
2145		Pip	HnS
2148		45 pip	HnS
2149		55 pip	Foraging over garden and briefly investigated hanging tiles
2150		45 + 55 pip	Intermittent foraging over garden for rest of survey
2156	1	Serotine	1 bat emerged
2208		Serotine	HnS
2213		45 pip	Foraging over garden
2220		LE	Foraging over garden



EXISTING REAR ELEVATION

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St. Martin Date: 24/06/24

Weather Conditions: 0% cloud, wind B1, no rain

Max Temp: 21°C

Min Temp: 20°C

Sunset Time: 2127

Survey Type: Emergence

Survey Starts: 2112

Survey Ends: 2257

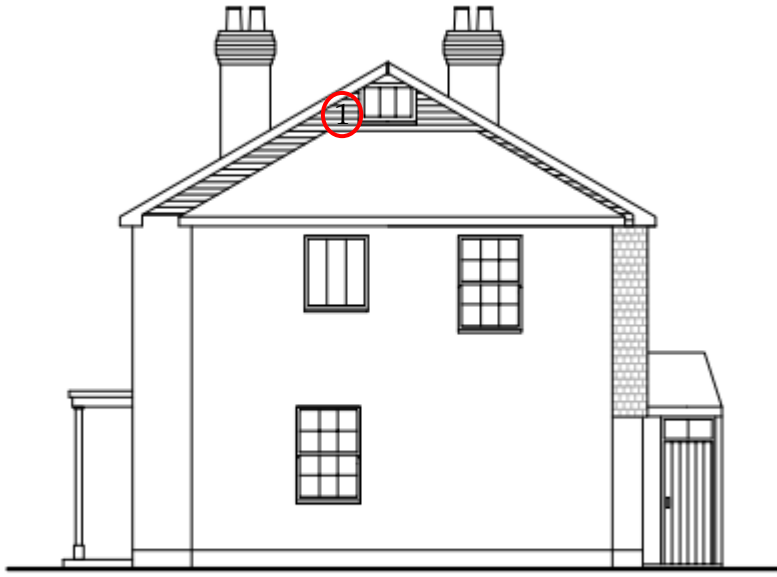
Surveyor: RC

Survey Kit Used:

EM Touch Pro 2

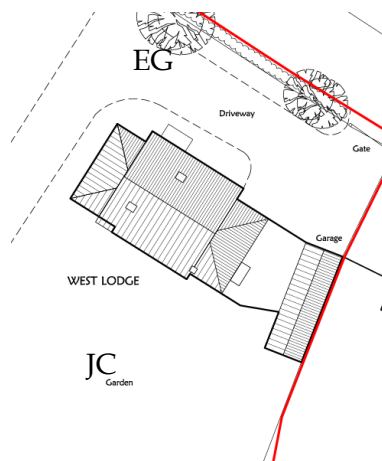
Canon XA11

Time	Map Ref	Species	Activity
2133		Noctule	HnS
2135		55 pip	HnS
2138		45 + 55 pip	Foraging HnS
2142		55 pip	Foraging over driveway
2144		55 pip	Foraging over driveway
2145		55 pip	Foraging up and down along roadside hedge
2149	1	45 pip	1 bat emerged
2206		Serotine	Flew around from south side of house
2208		55 pip	Social calls HnS
2209		Myotis sp.	HnS
2228		Myotis sp.	HnS
2245		LHS	HnS



EXISTING SIDE ELEVATION

APPENDIX 5: EMERGENCE SURVEY 22ND JUNE 2026



stark ecology ltd

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St Martin Date: 22/6/26

Weather Conditions: 90% cloud, occasional light rain, B1

Max Temp: 24°C

Min Temp: 21°C

Sunset Time: 2126

Survey Type:

Survey Starts: 2111

Survey Ends: 2256

Surveyor: EG

Survey Kit Used:

EM Touch Pro 2

Canon XA25 with IR
Array

Time	Map Ref	Species	Activity
2140		45 pip	HnS
2143		55 pip	Commuting W to E over corner of house
2144		45 pip	Commuting over driveway
2145		55 pip	HnS
2149		45 pip	Commuting SE to NW
2149		55 pip	Up to three bats foraging over driveway
2150		Noctule	Commuting HnS
2150		55 pip	Commuting over garden

Time	Map Ref	Species	Activity
2151		Serotine	HnS
2152		45 pip	Commuting over garden NW to SE
2154		Serotine	Commuting over site
2157		Noctule	HnS
2157		45 pip	HnS
2211		Serotine	HnS overhead
2211		Myotis sp.	HnS
2212		Myotis sp.	HnS
2217		Serotine	HnS
2218		Myotis sp.	Commuting NE to SW
2226		Serotine	HnS
2229		Myotis sp.	HnS
2232		Myotis sp.	HnS
2248		LHS	Pass HnS
2251		Serotine	HnS
2251		Myotis sp.	Faint call HnS

Survey Kit Used:

Batlogger M

Pixfra Arc A613

Survey Sheet – Bat Activity

Site Name: West Lodge, Barford St Martin Date: 22/6/26

Weather Conditions: 90% cloud, occasional light rain, B1

Max Temp: 24°C

Min Temp: 21°C

Sunset Time: 2126

Survey Type:

Survey Starts: 2111

Survey Ends: 2256

Surveyor: JC

Time	Map Ref	Species	Activity
2125		55 pip	Commuting through garden
2136		55 pip	HnS
2137		55 pip	4 bats commuting through garden
2146		55 pip	3 bats commuting through garden
2151		Noctule	Commuting high over site
2154		Serotine	Commuting through garden
2158-2256		55 pip	Several bats foraging over the garden throughout
2207		Serotine	HnS
2217		Serotine	HnS
2226		Serotine	Commuting through garden
2248-2258		45 pip	Foraging over garden ongoing