



Bat Emergence and Re-entry Surveys

Witham Wood, Marley Lane, Haslemere, West Sussex, GU27 3PZ

Claire Coleman

Status	Issue	Name	Date
Draft	1	Benjamin Newbery BSc (Int.) MSc, Graduate Ecologist (Accredited Agent to Natural England Bat Licence Number: 2019-41480-CLS-CLS)	18/08/2023
Reviewed	1.1	Natalie Evans BA (Hons), MA, MRSB, Principal Consultant, Bat Licence Lead	19/08/2023
Draft	2	Benjamin Newbery BSc (Int.) MSc, Graduate Ecologist (Accredited Agent to Natural England Bat Licence Number: 2019-41480-CLS-CLS)	19/08/2023
Reviewed	2.1	Natalie Evans BA (Hons), MA, MRSB, Principal Consultant, Bat Licence Lead	22/08/2023
Final	3	Benjamin Newbery BSc (Int.) MSc, Graduate Ecologist (Accredited Agent to Natural England Bat Licence Number: 2019-41480-CLS-CLS)	24/08/2023

Arbtech Consultant's Contact Details:

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Graduate Ecologist

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3.0 Results and Evaluation

3.1 Survey Results

The results of each survey are provided in the tables below and shown on the plan in Appendix 3. A day roost of one common pipistrelle was recorded during the survey, located in the main loft (L1) of building B1.

Table 1: Survey results (first visit)

Date	15/06/2023
<p>Building inspection prior to survey</p>	<p>The roost features identified during the PRA were subject to an inspection prior to the BERS to check for evidence of roosting bats. An internal inspection of the loft void was also completed. No additional evidence of bats was identified. All droppings (~14) were collected during the initial PRA, and no new droppings were present during the BERS inspection. The torn roofing felt, initially identified during the PRA (Arbtech Consulting Ltd, 2023) is shown below.</p> <div data-bbox="450 660 1279 1289" data-label="Image"> </div> <p>Figure 1: Torn bitumen roofing felt in the main loft (L1) of B1 showing light ingress from underneath roofing tiles.</p>




Figure 2a (left): Emergence point of common pipistrelle as observed from Position 2.

Figure 2b (right): Closer view of B1 showing approximate emergence point location, circled.

B1	4	<p>No roosting activity was observed from position 4</p> <p>The first bat seen was a common pipistrelle that was observed passing west to east over B1 at 21:38 (18 minutes after sunset). A soprano pipistrelle was heard but not seen at 21:43, and several Common Pipistrelles were observed foraging and commuting southeast to east, northeast to east, and northwest to northeast over B1.</p>
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Building reference	IR position	Notes/observations:
B1	1	<p data-bbox="450 244 1075 272">No roosting activity was observed on the IR footage</p>  <p data-bbox="450 951 981 979"><i>Figure 3: Screenshot of view from IR camera</i></p>
Other observations	None.	

B1	4	<p>No roosting activity was observed from position 4</p> <p>The first bat activity was a common pipistrelle which was seen passing from the western elevation of B1, turning the corner and heading east in front of Position 4, at 21:35 (13 minutes after sunset). Common pipistrelles were heard and observed frequently throughout the survey, circling back and forth along the eastern elevation of B1. Feeding activity of common pipistrelles was also recorded. Two serotines were heard from Position 4, one of which was observed passing from west to east along the northern elevation of B1.</p>
Building reference	IR position	Notes/observations:
B1	1	<p>No roosting activity was observed on the IR footage</p>  <p><i>Figure 4: Screenshot of view from IR camera</i></p>
Other observations		None.

B1	4	<p>No roosting activity was observed from position 4</p> <p>The first bat observed was a common pipistrelle which was heard but not seen at 21:29 (19 minutes after sunset). Several common pipistrelles were also observed passing and foraging from south to northwest, northwest to south and northeast to south over and around the northern and eastern elevations of B1.</p>
Building reference	IR position	Notes/observations:
B1	1	<p>No roosting activity was observed on the IR footage</p> <div data-bbox="445 443 1559 1070" data-label="Image"> <p>The image is a black and white infrared (IR) camera screenshot of a building at night. The building has a gabled roof and is illuminated from below, likely by the camera's IR light. The timestamp '2023/06/29 22:54:02' is visible in the bottom right corner of the image.</p> </div> <p><i>Figure 5: Screenshot of view from IR camera (Position 1) observing the east and south elevations of B1.</i></p>



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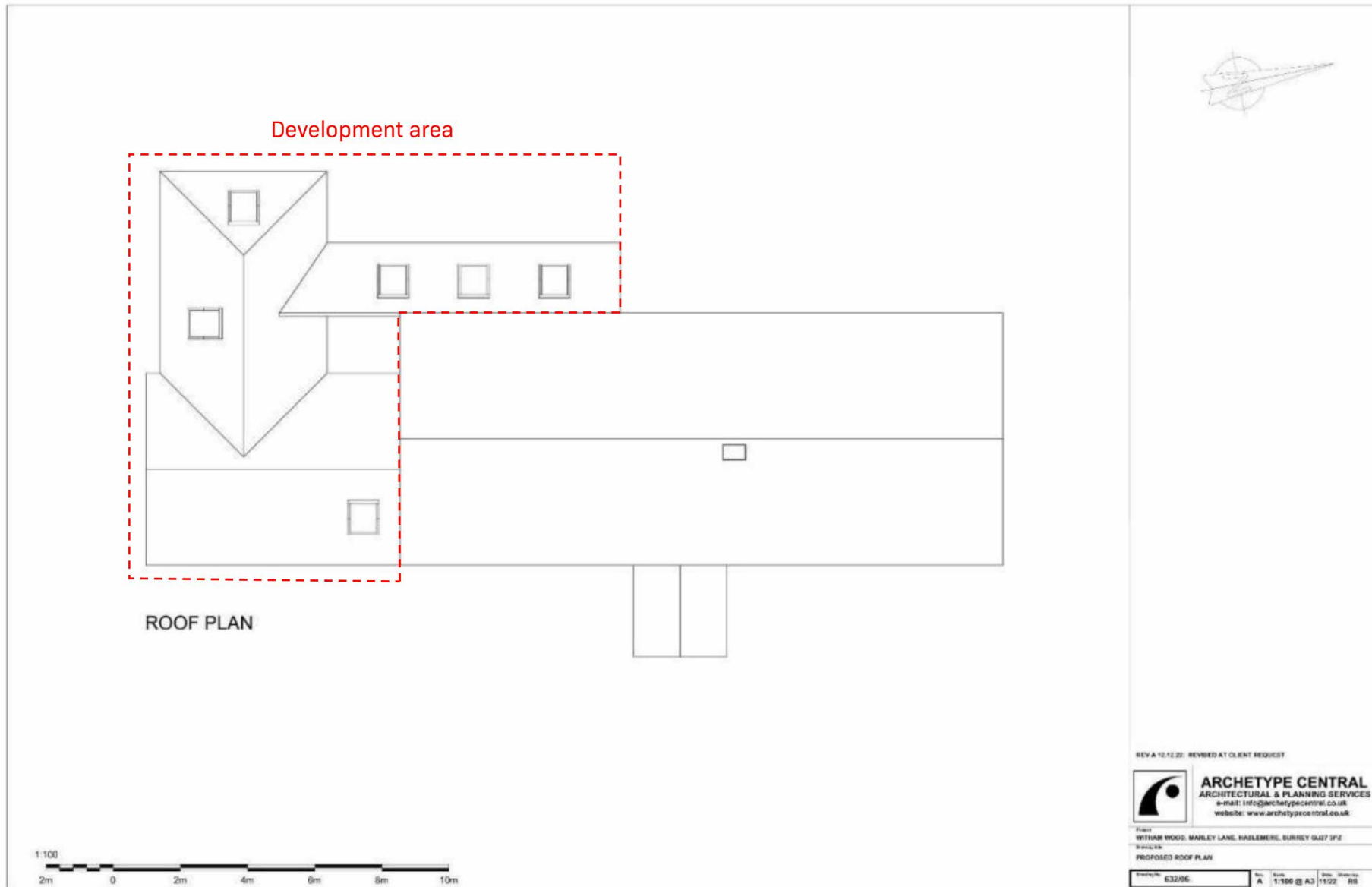
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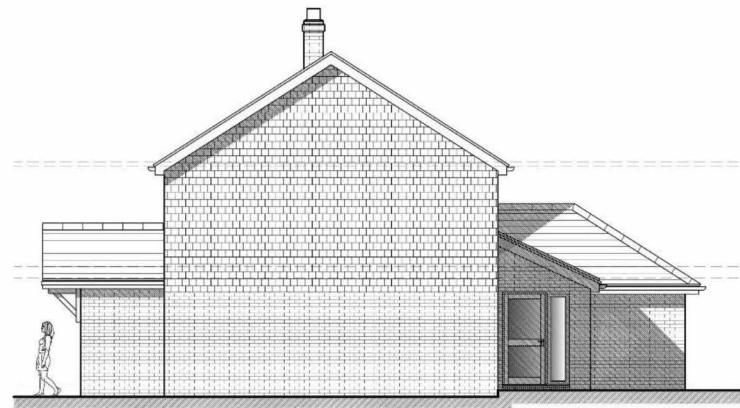
Appendix 1a: Proposed Development Plan (Aerial View)



Appendix 1b: Proposed Development Plan (East and North Elevations)



FRONT ELEVATION



SIDE ELEVATION



PROPOSED EXTERNAL FINISHES
 EXTERNAL WALLS TO BE BRICK FACED TO MATCH EXISTING.
 STANDING SEAM METAL ROOF.
 ALL LEADWORK FLASHINGS, SOAKERS, ABUTMENT FLASHINGS, CAVITY TRAYS AND VALLEYS TO BE FORMED IN CODE 4/5 LEADWORK, TREATED WITH PATINATION OILS. ALL WINDOWS/DOORS TO BE PURPOSE - MADE PPC ALUMINIUM CASEMENT WINDOWS/DOORS (COLOUR BLACK) , DOUBLE GLAZED UNITS. ALL NEW DOORS AND WINDOWS TO BE REPLACED ARE NUMBERED ON THE PROPOSED ELEVATIONS. RAINWATER GOODS TO BE BLACK COLOUR U.P.V.C. ROUND DOWNPIPES.

REV B 16.12.22: REVISED AT CLIENT REQUEST
 REV A 12.12.22: REVISED AT CLIENT REQUEST



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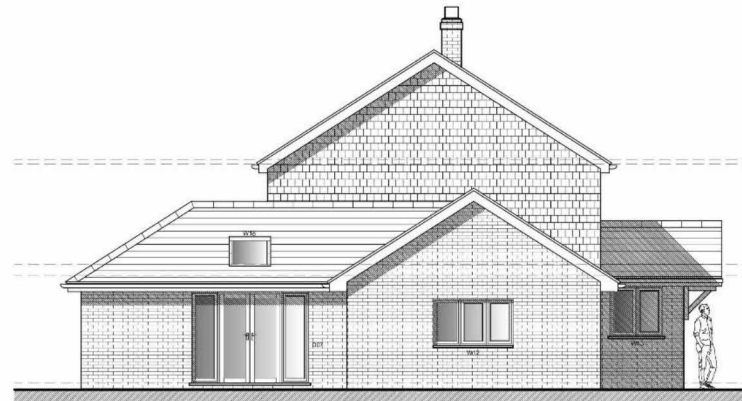
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Appendix 1c: Proposed Development Plan (East and South Elevations)



REAR ELEVATION



SIDE ELEVATION



PROPOSED EXTERNAL FINISHES
 EXTERNAL WALLS TO BE BRICK FACED TO MATCH EXISTING. STANDING SEAM METAL ROOF. ALL LEADWORK FLASHINGS, SOAKERS, ABUTMENT FLASHINGS, CAVITY TRAYS AND VALLEYS TO BE FORMED IN CODE 4/5 LEADWORK, TREATED WITH PATINATION OILS. ALL WINDOWS/DOORS TO BE PURPOSE - MADE PPC ALUMINIUM CASEMENT WINDOWS/DOORS (COLOUR BLACK) , DOUBLE GLAZED UNITS. ALL NEW DOORS AND WINDOWS TO BE REPLACED ARE NUMBERED ON THE PROPOSED ELEVATIONS. RAINWATER GOODS TO BE BLACK COLOUR U.P.V.C. ROUND DOWNPIPES.

REV B 28.12.22: REVISED AT CLIENT REQUEST
 REV A 12.12.22: REVISED AT CLIENT REQUEST



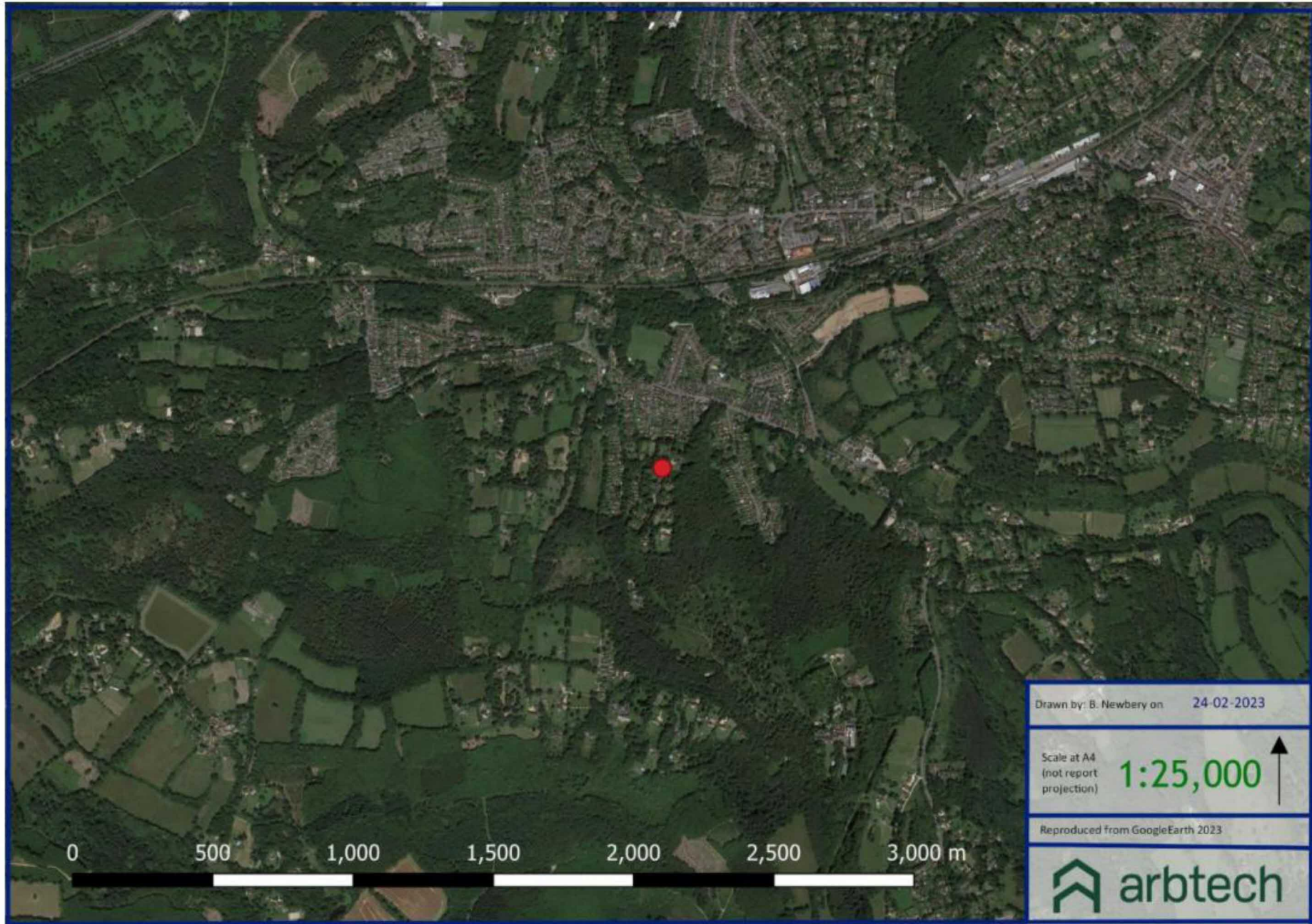
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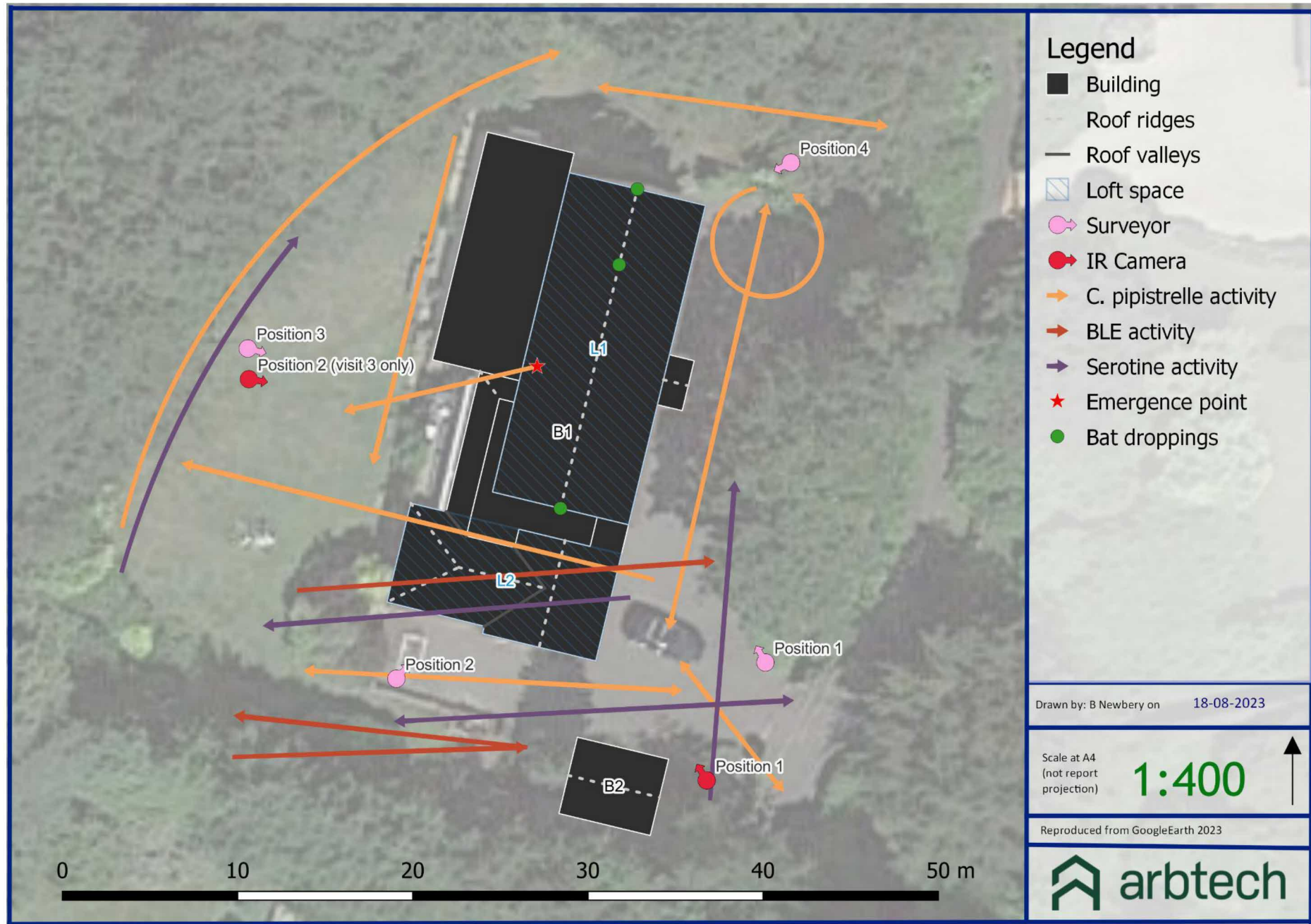
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Appendix 2: Site Location Plan



Appendix 3: BERS Plan



Appendix 4: Bat Mitigation and Enhancement Plan



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