

Bat Emergence and Re-Entry Surveys (BERS)

Survey site:

Land off Archway Road, Huyton, Metropolitan Borough of Knowsley, Merseyside, L36 9XD

Client:

Genr8 Kajima Regeneration (Huyton) Limited

Report date:

26th May 2025

Project:

This report is prepared to inform a planning application for the proposal described as:

“The demolition of the existing Muni tower, annex and computer centre, as well as enabling works to the whole site”

This report is supplementary to the Preliminary Roost Assessment report completed by Arbtech Consulting Ltd (2025).

BERS survey methodology and legislation can be found in the Arbtech Supplement: [BERS Methodology and Legislation - 2024.](#)

This report is an addendum to and must be read in conjunction with the Preliminary Roost Assessment completed by Arbtech Consulting Limited (2025) for the same site address. This table may include further work you will need to commission (if any) to obtain planning permission or comply with legislation for other consent. All clients are expected to read and understand this section, or to contact the consultant for advice.

Executive Summary

Report Validity: This report is valid for up to 18 months for the purposes of planning/LBC applications. For the purposes of bat licencing, the report is considered 'up to date' and suitable for licence application until the start of the following bat activity season. After those timeframes, some level of updated surveys will be required. The level of survey effort will depend on the specific circumstances of the site.

Results

The surveys undertaken to date have indicated that there is a sufficiently low risk of bat roosts being present on site, and works can proceed without any further survey or licence requirements.

Background

A preliminary roost assessment was conducted on site by Arbtech Consulting Ltd in March 2025. There are four buildings on site. Only B3, the Kwik Tan building was assessed as having habitat value for roosting bats and was subject to an emergence survey. The building was assessed as having low habitat value for roosting bats due to gaps along the fascia boards and a number of lifted tiles identified on the external of the building. No evidence of roosting bats, such as live animals, droppings or foraging remains, were identified during the survey.

Proposed development

Current use of building – Commercial.

Proposed use of building – Unknown.

The site surveys were designed and managed by Amber Williams BSc, MSc, MPhil, Graduate Ecologist (Accredited on Natural England Bat Licence Number: 2023-11521-CL18-BAT).

See surveyor locations in the BERS plan in Appendix 1

Limitations

There were no limitations associated with this survey.

Field Survey

Dusk Emergence Survey 1						
Building B3						
<i>Surveyor and position</i>	Surveyor Position	Name	BERS Experience / Bat Licence		BCT Competency	Elevation
	1 - LEAD	David Brookes	5 Years		Level 2	Observing northeast
	2	Margaret Warren	2 Years		Level 2	Observing southeast
	3	Lizzie Hill	1 Year		Level 2	Observing west
<i>Weather (start/end)</i>	Temperature (°C): 12 Relative humidity (%): 58 Cloud cover (%): 0 Wind (m/s): 0 Rain: None			Temperature (°C): 12 Relative humidity (%): 63 Cloud cover (%): 5 Wind (m/s): 0 Rain: None		
<i>Equipment used</i>	Equipment	Make	Model		Count	
	NVAs	Nightfox	Whisker		3	
	Additional Illumination	Nightfox	XB5 PRO		3	
	Bat Detector	Wildlife Acoustics	Echo Meter Touch 2		3	
		Magenta Electronics	Magenta Bat4		3	
	Two Way Radio	BAOFENG	FV-88E		3	
Results						
Date of survey			Sunset; Start - End			
22/05/2025			Sunset 21:16; 21:01 – 22:31			
Surveyor observations						

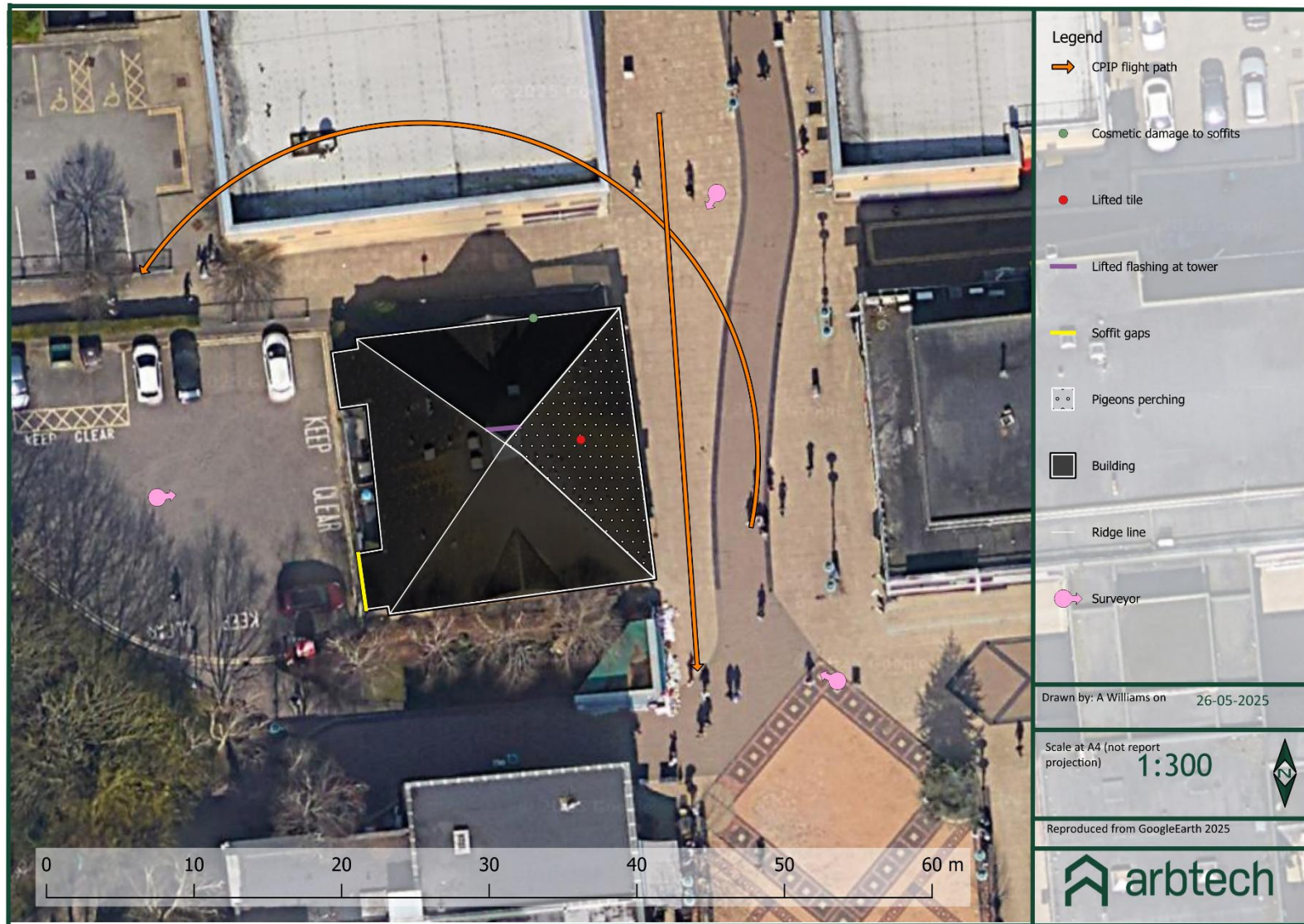
<i>Surveyor 1</i>	No emergencies or re-entries were observed during the survey. No activity was seen or heard from this position for the duration of the survey. No further bat activity was observed.	
<i>IR position 1</i> <i>Nightfox Whisker</i> <i>Nightfox XB5 PRO</i>	Camera position: observing northeast elevation of B3. Emergences observed: No First bat activity was a common pipistrelle recorded at 22:15 commuting in a southeast direction. Final bat activity was a common pipistrelle recorded at 22:19 in a northwest direction. No further bat activity was observed.	 Darkest point of survey – position 1.

<i>Surveyor 2</i>	No emergencies or re-entries were observed during the survey. No activity was seen or heard from this position for the duration of the survey. No further bat activity was observed.	
<i>IR position 2</i> <i>Nightfox Whisker</i> <i>Nightfox XB5 PRO</i>	Camera position: observing southeast elevation of B3. Emergences observed: No The footage reflected the view of surveyor 2. No further bat activity was captured on the footage.	 Darkest point of survey – position 2.
<i>Surveyor 3</i>	No emergencies or re-entries were observed during the survey. First bat activity was a common pipistrelle which was heard but not seen at 22:28. Final bat activity was a common pipistrelle which was heard but not seen at 22:29. No further bat activity was observed.	

<i>IR position 2</i> <i>Nightfox Whisker</i> <i>Nightfox XB5 PRO</i>	Camera position: observing west elevation of B3. Emergences observed: No The footage reflected the view of surveyor 3. No further bat activity was captured on the footage.	 Darkest point of survey – position 3.
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Conclusions, Impacts and Recommendations	
<i>Survey Results Summary</i>	No emergencies or re-entries were observed during the survey. Common pipistrelle commuting activity was observed along the eastern elevation of B3 heading northwest. There are tree lines to the northwest of B3 which likely provide foraging and commuting habitat value to local bat populations.
<i>Impact Assessment</i>	No impacts foreseen to roosting bats. Foraging and commuting bats could be impacted by additional lighting on site which can reduce resources for the local population. Only common and widespread species were identified on site, therefore no impacts at population level are anticipated. Impact site level only.
<i>Recommendations</i>	Works can proceed without the need for any further requirements. In the unlikely event bats are found, work must stop and a suitably qualified ecologist will be contacted for further advice. Wildlife Sensitive Lighting Strategy Bats may commute and forage in the wider area and across the site. Therefore, a wildlife sensitive lighting strategy will be adopted within the proposed development during and post development. This should be designed in accordance with Guidance Note GN08/23 Bats and Artificial Lighting at Night (Institution of Lighting Professionals, 2023). Parameters can be found within the guidance and include avoidance of light spill on to the tree line to the northwest of the site or features which bats may use for roosting, foraging or commuting.
<i>Enhancements</i>	The installation of five bat boxes at the site will provide additional roosting habitat for bats. The bat boxes will be incorporated into the fabric of the new structures. Suitable bat boxes include Habibat Bat Box, Ibstock Enclosed Bat Box or similar alternative brand. Bat boxes should be positioned 3-5m above ground level facing in a south or south-westerly direction with a clear flight path to and from the entrance, away from artificial light.

Appendix 1: BERS plan



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Version control			
Status	Issue	Name	Date
Draft	0.1	Amber Williams BSc (Hons) MSc MPhil Graduate Ecologist	27/05/2025
Proof	0.2	Natalie Evans BA (Hons), MA, MRSB, Principal Consultant, Bat Licence Lead	30/05/2025
Final	1.0	Amber Williams BSc (Hons) MSc MPhil Graduate Ecologist	30/05/2025