Green Infrastructure Statement

Project: Bank Conversion: Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PS

Application Reference P/2025/0608

Green Infrastructure at Existing Site:

The site is currently a concrete hardstanding with an existing flat-roofed building proposed for conversion. The building is unremarkable, and there is little vegetation on site. There are no water bodies, or features of ecological value within the site boundary.

Impact of the Proposal Without Biodiversity Enhancements

The proposed conversion does not involve any additional building works, and the existing concrete hardstanding will be retained as a practical solution for access and to reuse an existing resource. As there is no greenery on site, the change of use will have a neutral effect on biodiversity. To achieve a net biodiversity benefit, several enhancement measures are proposed.



Enhancements and Mitigation Measures

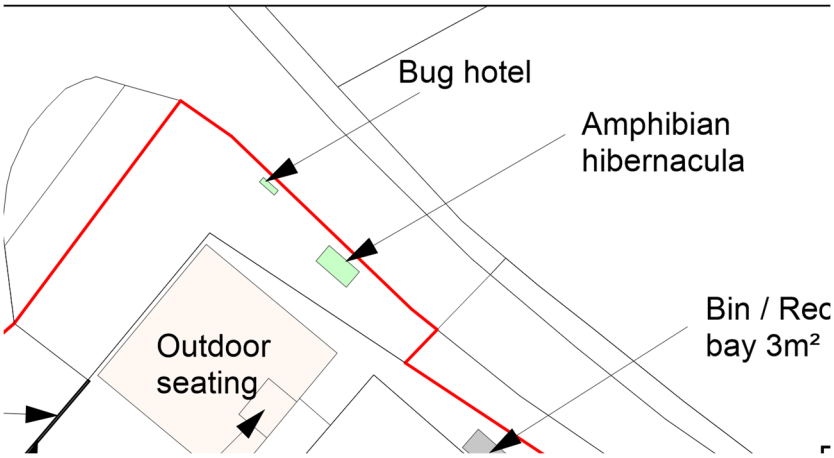
Construction of a Hibernaculum for Amphibians

A hibernaculum will be installed in the location shown on the site plan, constructed as follows:

1. Excavate a hole approximately 50 cm deep and 1.5 m wide.
2. Fill the void with logs, branches, bricks, and rocks, leaving gaps throughout.
3. Insert entrance tubes (such as short drainpipes) at ground level.
4. Cover the material with soil to a height of around 50 cm.
5. Sow meadow seed or long grasses over the mound to support pollinators in summer.



Indicitive hibernaculum

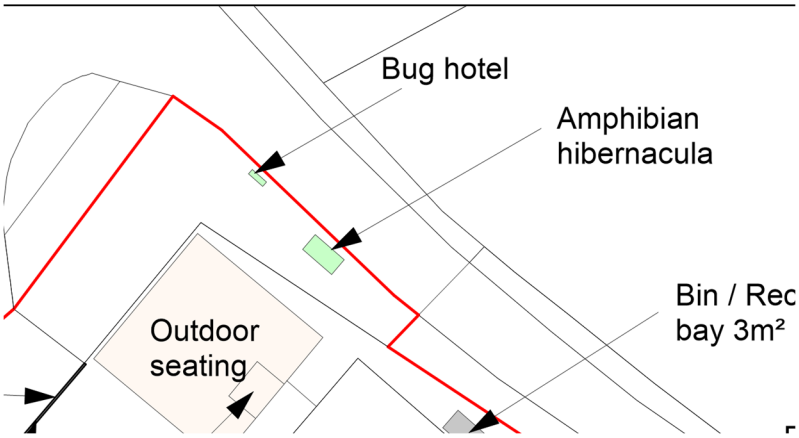


Location of hibernaculum

Installation of a Bug Hotel :

To support local insect populations and improve biodiversity, a bug hotel will be installed on site. This will create shelter and breeding spaces for beneficial insects, including pollinators such as bees and butterflies.

Key considerations:
• Positioned in a quiet, undisturbed part of the garden.
• South-facing to maximise warmth and encourage insect activity.
• Constructed from natural materials such as logs, bamboo, and dried leaves.



Location of Bug hotel



A sample bug hotel is illustrated below

Conclusion:

The proposed development has been designed to integrate and enhance the existing green infrastructure. By implementing the above measures, the project aims to provide a net biodiversity benefit and contribute to the resilience of local ecosystems.