Proposed Extension with Internal Alterations
71 The Meadows
Gwersyllt
Wrexham
LL11 4TJ

Green Infrastructure Statement for Wildlife Protection

Introduction

In light of the alarming findings of the State of Nature 2019 report, which highlights the continued decline of wildlife in Wales, this Green Infrastructure Statement is prepared as an integral component of the proposed single storey extension with internal alterations. The project envisages the expansion of dwelling to accommodated an additional bedroom on the ground floor with open plan living, dining and kitchen. This statement underscores our commitment to ensuring the protection and enhancement of local wildlife habitats, specifically for hedgehogs, birds, foxes, and bats, throughout the development process.

Project Overview

The proposed development seeks to balance architectural innovation with environmental stewardship. Recognizing the importance of biodiversity, the project is designed to integrate green infrastructure elements that support local wildlife, in alignment with Wales' commitment to sustainable development and biodiversity conservation.

Green Infrastructure Strategies

1. **Hedgehog Highways**: Small gaps will be created in the boundaries of the property to facilitate hedgehog movement across gardens and landscapes, ensuring connectivity between habitats.
2. **Bird-Friendly Landscaping**: The garden will be landscaped with native plants that provide food and shelter for birds. Bird boxes will be installed in secure locations to encourage nesting.
3. **Bat Roosting Sites**: Incorporating bat boxes and ensuring loft spaces are accessible to bats, without disturbance, to support their roosting needs. Lighting designs will consider the sensitivity of bats to certain light wavelengths, avoiding disruption to their natural behaviours.
4. **Fox Dens and Foraging Grounds**: The design will include areas of dense vegetation and undisturbed land to support foxes in denning and foraging, ensuring that the development does not impede their natural activities.

Conclusion

This Green Infrastructure Statement reflects our dedication to the preservation and enhancement of wildlife habitats in Wales, acknowledging the critical balance between development and nature conservation. Through thoughtful design and responsible management, the proposed extension will serve as a model for sustainable development, contributing positively to the local biodiversity and the well-being of hedgehogs, birds, foxes, and bats.

February 2025