Ecological Design Strategy

Proposed dwelling, Land adjoining The Sidings, Station Lane, Shepley

This statement has been prepared as a proportionate response to condition 9 of planning permission ref 2020/90893 requiring enhancement of biodiversity at the site.

The strategy seeks to address any mitigation for loss of habitat and for the enhancement of the local ecological network. The development includes for provision of bat/bird boxes, and measures to ensure the free movement of hedgehogs.

The strategy aims to achieve

- Ensure adequate ecological mitigation and enhancement is provided
- Ensure benefits of biodiversity are achieved
- Provide bat roost provision and ensure correct location to maximise likelihood of being used
- Provide bird box
- Ensure the movement of hedgehogs is not impeded by site boundary fences/walls.

The development Includes for the planting of native species trees/shrubs along the length of the boundary with the railway, including Rowan, whitebeam, wild cherry, guelder rose, holly, dogwood to provide a corridor and linkages to enhance ecological connectivity.

Native species planting will create new wildlife habitat, increasing diversity and providing a good food source for a range of birds, butterflies, moths, flies, dragonflies, bees and wasps.

Bat Box provision will be integral to the fabric of the building installed at high level on the gable of the dwelling. Recommend provision of a woodstone bat box 500x 220 x 140mm details of product at www.wildcare.co.uk/segovia-build-in-bat-box.html

Also propose fitting a sparrow bird box, fastened to the dwelling wall directly beneath the soffit where shade will be provided to prevent chicks overheating on warm days – Schwegler Sparrow terrace, www.nhbs.com/lps-schwegler-sparrow-terrace

Hedgehog friendly boundaries – the boundary of the site with the railway will provide for the free movement of hedgehogs, at least 2 holes of at least 12cms by 12cms will be provided within the fence line.