

## Plans

# **PLAN ECO1**

Ecological Enhancement Strategy

A combination of 11x Manthorpe Swift Nesting Bricks and 11x Manthorpe Dual Swift Brick will be installed into buildings to be constructed in the construction phase of development. Bricks are to be oriented between north and east direction to appropriately minimise sunlight to prevent overheating in the nest. Bricks should be installed 5 metres from the ground and where possible away from windows.

20x Schwegler 1SP Sparrow Terrace to be installed on to created houses. Terrace nests to be installed 2-5 meters from the ground facing a north or east direction to appropriately minimise sunlight to prevent overheating in the nests.

15x Manthorpe Bat Ridge Roosts and 10x Ibstock Eclosed Bat Box C to be installed in to the created buildings. Ibstock Enclosed Bat Box C are to be installed facing a southern direction, between 4-5 metres and when possible under eaves and apexes to protect the entrance from the wind and rain.

2x Log piles to be created. This is made to aid potential on site reptiles, amphibians, invertebrates and hedgehogs. Log piles to be created on east and northern boundaries for simple traversal to the off site ancient woodland at the north east of site.

Proposed locations are based on the lighting plan as lights can have negative impacts on birds and bats nests and roosts.

Wildlife Duo-Insect and Ladybird House in aim to aid on site invertebrate species. To be installed on to retained trees on the boundary.

A combination of 10x Vivara Pro Seville 32mm Woodstone Bird Nest Box and 10x Vivara Pro 28mm Woodstone Bird Nest Boxes to be installed on retained trees around the boundary. Bird boxes to be oriented between north to east direction to prevent overheating.

11x Schwegler 10 Swallow Nest to be installed on to created buildings. Due to the shape of the nest being a bowl shape, these nests need to be built under eaves to protect from the weather. Nests should be 2+ metres from the ground in a north or east direction.

10x Schwegler 1FF bat boxes to be installed on retained trees around the boundary. Bat boxes to be installed between a southeast to southwest orination, to maximize warmth from the sunlight.

Bat boxes and bird boxes when possible should be spaced out to avoid competition for habitat.

KEY:

- Red Line Boundary
- Schwegler 1FF
- Schwegler 1FS
- Manthorpe Bat Ridge Roost
- Ibstock Enclosed Bat Box C
- Vivara Pro Seville 32mm Woodstone Nest Boxes
- Vivara Pro Seville 28mm Woodstone Nest Boxes
- Schwegler 10 Swallow Nest
- Manthorpe Swift Nesting Brick
- Manthorpe Dual Swift Brick
- Schwegler 1SP Sparrow Terrace
- Log Piles
- Dormouse Nest Boxes
- Wildlife Duo-Insect and Ladybird House



Farncombe House, Farncombe Estate, Broadway,  
Worcestershire, WR12 7LJ  
info@ecologyolutions.co.uk | ecologyolutions.co.uk

12691: WOODFORDS, SOUTHWATER

PLAN ECO1: ECOLOGICAL  
ENHANCEMENT STRATEGY

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