



- Bird, Bat & Reptile Features**
- Bird Boxes:** 54 boxes (c. 25% of the total number (212) of residential dwellings proposed) integrated into new dwellings in clusters, allowing for the provision of up to 3 nesting chambers per residential dwelling selected (i.e. flights to be selected). Bird boxes will be installed in accordance with manufacturer's specifications, on suitable aspects (avoiding southern elevations) so as to be protected from strong wind, rain and sunlight, and at suitable heights of between 4m and 6m above ground level. Bird box designs to include at least two of the following types (or similar): Manthorpe swath brick (or Barratts own type), Woodstone house sparrow nest box, and/or Woodstone house martin nest.
 - Bat boxes:** 22 bat roost (c. 10% of the total number (212) of residential dwellings proposed) features boxes, integrated into new dwellings at between 4m and 7m height above ground level in accordance with manufacturer's specifications, sited carefully in relation to aspect (ideally south facing) and adjacent habitat, and to avoid any features that would obstruct access by bats. Bat box designs to include at least two of the following designs (or similar): Schwegler ZFR bat tube, Batlock bat bricks, and/or inclusion of habitat integrated bat boxes such as the bat box brick face.
 - Reptile Hibernacula/Refugia:** 5 hibernacula to be created adjacent to retained hedgerows and/or within areas of informal open space located away from publicly accessible areas. The principles of the design of these features are as follows:
 - Finished site approximately 2m long, by 1m wide and 1m high, capped with topsoil and covered with turf.
 - Hibernacula to be partially buried in a pit up to circa 0.5-1m deep and located within uncut areas of rough grassland vegetation.
 - The body of each hibernaculum to contain a range of materials including cut timber, brush, inert hardcore, bricks, rocks, grubbed-up tree roots or building rubble.
 - Materials that will decompose should not be placed beneath heavy components such as bricks or rocks, to avoid the risk of collapse.
 - Wood chippings or loose topsoil should be incorporated into the construction, to pack some of the larger cavities.
 - Hibernacula to be located within uncut areas of grassland and/or woodland edges, covered with topsoil and seeded using a wildflower seed mix, and
 - Access points for amphibians and other wildlife should be created by ensuring that some timber or rubble protrudes from the edge, creating crevices that allow reptiles and amphibians to get deep inside.
 Additionally, logs and brush generated from clearance of trees and scrub will be retained where possible and used to create informal refugia alongside hibernacula provision. Deadwood will also be retained where feasible.

Biodiversity mitigation and enhancement area

REV	DESCRIPTION	DATE
B	Drawing updated to reflect the latest changes carried out to the planning layout	09.12.21
A	Drawing updated to reflect the latest changes carried out to the planning layout	25.05.21

CLIENT	DAVID WILSON HOMES WHERE QUALITY LIVES	
JOB TITLE	Hildersley Farm, Ross on Wye	
DRAWING TITLE	Biodiversity Enhancements Plan	
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