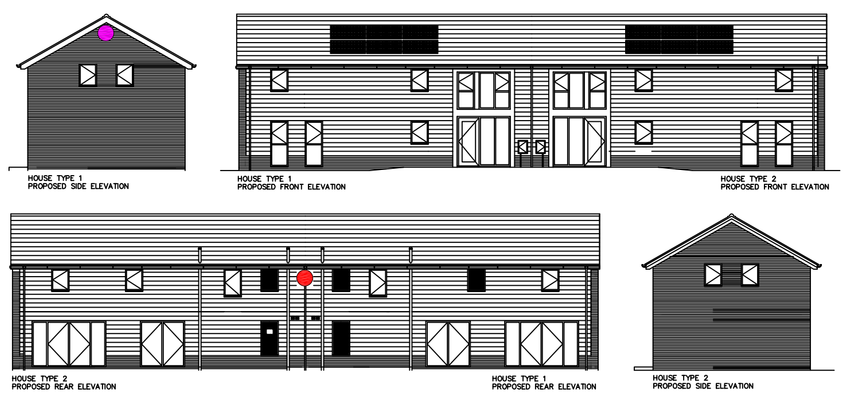






BIODIVERSITY ENHANCEMENT STRATEGY

i. Mitigation and compensation for potential impacts on protected and priority species/habitats.
ii. Maintaining the favourable conservation status of protected species.
iii. Providing a net gain in biodiversity, as is encouraged by the National Planning Policy Framework (NPPF, 2021).

Mitigation and enhancement measures

Habitat

A soft landscaping scheme is to be implemented including the planting of new trees and hedgerows around the site refer to landscaping drawing A001A for plant types and details .

Bats

Lighting schemes will follow guidance from the Bat Conservation Trust and CIE 150:2003. Warm-white (long wave)light filters with UV filters will be fitted as close to the ground as possible

Lighting units will be angled below 70° and equipped with movement sensors, baffles, hoods, louvres and horizontal cut off units at 90°.

As enhancements, the following will be implemented:

Two integrated bat boxes installed on the new dwellings on site (1FR Schwegler Bat Tube –

Birds

Any works affecting bird nesting habitat should be conducted outside of the main nesting season, which lasts from March to August. If work is planned during nesting season, then a precautionary check of all habitats should be conducted by a qualified ecologist immediately prior to the start of any work. If any nesting birds are found, an appropriate protection zone from the nest will be put in place and should be maintained until the young have fledged.

As enhancements, the following will be installed:

i. Two integrated swift boxes (Schwegler Brick Nest Box Type 25; Appendix A, see Appendix D for location).
ii. Two small bird boxes located on suitable trees onsite or nearby (Schwegler 3S Starling nest box, Appendix A, see Appendix D for location).

Herpetofauna (amphibians and reptiles)

The following precautionary measures will be implemented to avoid impacts on amphibians and Reptiles from the proposed works:

Vegetation on site will be cut and maintained short (maximum height of 10cm) until the start of works to discourage animals from using these areas.

Other animals

General mitigation to protect wildlife during the construction period are as follows:

i. Any excavations on the construction site will be covered at night to prevent any animals from falling in or have a rough sawn plank placed inside to act as a ramp to allow any animals that have fallen in to escape. The excavations will be checked each morning works are scheduled for, to remove any animals trapped.

ii. Lighting of the construction site at night will be minimised as far as practicable, to reduce the risk of possible disruption to nocturnal animals such as bats and badgers.
iii. Construction materials will be stored off the ground on pallets and waste materials in skips, to prevent providing shelter for animals and subsequent harm when materials are moved.

Responsible persons

The client is the developer and landowner of the site, and it will be their responsibility to ensure the safeguarding of the mitigation, enhancements and any post-development management, maintenance and monitoring.

Aftercare and long-term maintenance

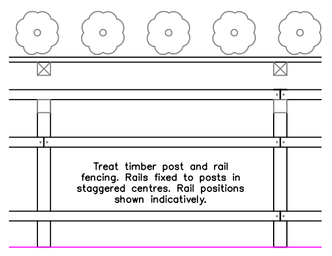
The model of bat and bird boxes have been selected for their design and material, which will ensure the boxes will be protected from weather and attacks from other animals.
If the bat and bird boxes experience any damage, they may need to be repaired or replaced. 2.15. Bird boxes will need to be cleaned at the end of each bird nesting season; the main nesting seasons lasts from March to August, so it is recommended boxes are cleaned in October to ensure all nests are unoccupied.
Hedgerows and trees may need to be maintained. Management would ideally be undertaken outside the main nesting season, which lasts from March to August, and if work is planned during the bird nesting season, a precautionary check of all habitats will be conducted by a qualified ecologist immediately prior to starting any work. If any nesting birds are found, an appropriate protection zone from the nest will be required and will need to be maintained until the young have fledged.

Recommendations for installing hedgehog friendly fencing: (Sourced from Hedgehog Street www.hedgehogstreet.org)

hedgehog friendly fence should have a gap measuring at least 13cm by 13cm in the gravel board. These gaps allow any hedgehog to pass through but are too small for nearly all pets.
At least one hedgehog friendly fence panel should be located on each side of your garden, to provide unimpeded access.
Almost all fencing materials can be made hedgehog friendly, but may require DIY adaptations. Please note that some concrete gravel boards contain metal rods running along the length of the boards to provide strength and rigidity, and cannot be cut. To overcome this, a gap can be left between the gravel board and post to provide the required gap.

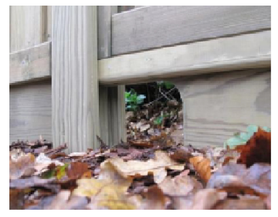
Legend of positions for bird and bat boxes

- postion of intergrated bat boxes
- postion of swift boxes
- postion of sparrow terrace
- postion of small bird nest box



post and rail fencing to gardens for easy ccess for hedgehogs

Examples of bird and bat boxes and hedgehog friendly access through fences



Jacksons-Fencing
Hedgehog friendly gravel board for use with slotted posts



Small bird nesting box 1B
Schwegler Nest Box

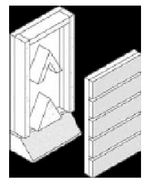


Standalone bat box
1FF Schwegler Bat Box
with built-in wooden rear panel



Small bird nesting box 2H
Schwegler Robin Box





Integrated bat box
Habibat Bat Box



Integrated sparrow terrace
1SP Schwegler Sparrow Terrace



Integrated swift box
Schwegler Brick Nest Box Type 25



Integrated swift box
Manthorpe Swift Brick

REV AMENDMENTS

REV	AMENDMENT	DRN	DATE
A			

Richardson & Peat Ltd

PROJECT TITLE
Manor Farm Woodwalton
PE28 5YU

DRAWING TITLE
Bio diversity notes & plan

DRAWN	CHECKED	DATE	SCALE
MP	AG	19/11/24	1/200

JOB NUMBER	DRAWING NUMBER	REVISION
JOB NO.	002A.	-