Ecological Mitigation - guideline to protected species

Bats:

- With regards to removing several trees and shrubs to facilitate the works, it is recommended to re-check the tree and any features for evidence of bats;
- Areas of ivy and loose bark should be re checked and carefully removed to reveal the tree trunk below if any features or bats present;
- If evidence of bats is present, or a bat is found and is injured, or if a roost is discovered and no bats are harmed then works should stop and advice of an ecologist sought immediately;
- Cavities in the trees should not be sawn through but cut above and below cavities, sections which support cavities should be soft felled and roped carefully down to the ground;
- Installing lighting only if there is a significant need;
- Using LED luminaries due to their low intensity (any lights with UV elements or metal halide lights should not be used;
- Lights with peak wavelengths higher then 550nm to avoid the component of light most disturbing to bats;
- Lights with an upward light ratio of 0% and good optical control;
- Careful consideration of column height to avoid light spill.

Nesting Birds:

- The removal of any suitable nesting habitat or accessible building should be undertaken outside of the breeding bird season (March-September inc) or immediately after a nesting bird check by a suitably qualified ecologist;
- If active nests are identified, works in the vicinity of the nest must cease until the birds have fledged the nest.

Reptiles

- The site was considered to provide limited opportunities to reptiles in terms of foraging and shelter.
- Tall ruderal vegetation, log piles, brash piles and compost heaps in the southern portion of the site is encouraged;
- It is recommended that areas of more suitable habitat to the south of the site are sensitively cleared whilst reptiles are active (April-September);
- It is recommended that areas of grassland habitat are maintained short.

Ecological Enhancements

Trees/hedging

- Use of native species of local provenance in landscaping to enhance the ecological value of the development. As mentioned in the Arboricultural report the development will incorporate new native hedging such as 30% Hawthorn (*Crataegus monogyna)*, 20% Hazel (*Coryllus avallana*), 12.5% Blackthorn (*Prunus spinosa*), 12.5% Wayfaring (*Viburnum lantana*), 12.5% Holly *(Ilex aquafolium*) and 12.5% Guelder-rose (*Viburnum opulus);*

Bats

- To enhance the local bat population and provide roosting opportunities within the site, two bat boxes (woodcrete style) are proposed to be hung on some of the retained mature trees;

Birds

- To provide new nesting opportunities for birds, two nest boxes (woodcrete style) are proposed to be hung on some of the retained mature trees;

Reptiles

- Log piles are recommended to create refugia by amphibias as well as reptiles, small mammals and invertebrates.

Hedgehogs

- A hole between 13cm x 13cm at the bottom of adjoining garden fences on site is recommended to provide a passageway for hedgehogs to travel between gardens and other habitats.
- To provide shelter for hedgehog within the site, two hedgehog boxes will be placed within the site.

Timetable summary

- May to September active bats
- March to September breeding bird season
- April to September active reptiles



Site Plan
Proposed
1:100

../Images/swift-nest-box-r421069-12.jpg

Picture of Swift Nest Box

Key:

Red line - indicates boundary of application site.

- Bin store
- Sandstone outdoor paving /path
- Permeable block paved drive
- Proposed Hedging
- Proposed Native hedging
- Turfed lawn
- Gravel driveway
- Existing trees to be retained
- Existing trees/hedging to be removed - Proposed under application reference EP/125/21/PL & APP/C3810/W/22/3292613
- Nest boxes
- Bat boxes
- Log piles
- Hedgehog highway sign and passageway for fence
- Hedgehog shelter
- Swift nest box - positioned directly below eaves

Revisions:
A High close board timber fencing location revised 03/10/25 BF
B Features added (pond, wildflower meadow, swift box) to address BNG condition 6 of Planning approval 25/3/26 ALP

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Job Title
Land to the rear of 22 Vermont Drive - New Dwelling

Client
Mr & Mrs G Byars

Drawing Name
Ecological Mitigation and Enhancement Appraisal Strategy - Proposed

Drawing Status
Planning

Drawn by BF Date Sep 25

Checked by LW Date Sep 25

Drawing Scale
1:100 at A1

Drawing No
240012/ 09

Revision
B