

Ecology response amended for H/24/96969 SOUTH WOODS, SALTERNS LANE, BURSLEDON, SOUTHAMPTON, SO31 8DH

Remodelling of dwelling to include: first floor side extension and roof; alterations to materials; revised fenestration and doors; replacement front porch; erection of detached car port with solar panels; and conversion of existing detached garage to home office with alterations to materials and fenestration.

Gary Osmond

12/6/24

I have reviewed the Preliminary Roost Assessment Report by Hampshire Ecological Services (June 2024). The building has been assessed to have moderate bat roost suitability. At least two further bat emergence/activity surveys are required, during the active bat season, a minimum of 3 weeks apart. As the presence of protected species is a material consideration, the surveys must be done before planning permission can be granted.

Cotoneaster horizontalis, an invasive Schedule 9 plant has been recorded on site and is recommended to be removed to avoid the possibility of it being spread during the works.

The ecological enhancements recommended in the report are appropriate and should be implemented. Further mitigation may be required depending on the results of the bat activity surveys.

Lisa Malter

Ecologist

25/3/24

This site is located within an amber impact risk zone for great crested newts. There are records of adders, bats, stag beetles nearby. The site is adjacent to Mallards Moor SINC which is designated 1A/Cii for ancient woodland and important community sites of restricted distribution in the County (such as yew woods and alder swamp woods). There are large expanses of hanging tiles visible on the photos on Google maps, and the existing elevation drawings.

A preliminary ecological appraisal is required. The report should also include recommendations of biodiversity enhancements for this site. A bat brick and a swift brick may be appropriate for this building.

The Bat Conservation Trust recommends installing a bat brick/box at least 4 m above the ground, away from artificial light sources, sheltered from strong winds and exposed to the sun for part of the day, facing south, south-east or south-west. ([https://www.bats.org.uk/our-work > putting-up-your-box](https://www.bats.org.uk/our-work/putting-up-your-box))

Swift nest boxes are best positioned under the eaves or on walls facing north, northeast or north-west out of direct sunlight, five metres above the ground, with clear adjacent airspace so swifts can access them in a high-speed direct flight.

(<https://www.swiftconservation.org/Nestboxes%26Attraction.htm>)

Additional information is available at:

<https://sussexwildlifetrust.org.uk/discover/in-your-garden/article/31>, planting for bats

<https://www.wildaboutgardens.org.uk/sites/default/files/2022-03/WAG16%20Bats%20updated%202022%20WEB.pdf> - Stars of the Night guide to attract bats into your garden

<https://www.rhs.org.uk/science/conservation-biodiversity/wildlife/plants-for-pollinators>

<https://www.bats.org.uk/our-work/buildings-planning-and-development/bat-boxes>

<https://www.hampshireswifts.co.uk/nesting>

<https://www.rspb.org.uk/birds-and-wildlife/advice/how-you-can-help-birds/nestboxes/nestboxes-for-small-birds/>

<https://www.swift-conservation.org/OurLeaflets.htm>

<https://www.hedgehogstreet.org/help-hedgehogs/hedgehog-homes/>

www.bats.org.uk/resources/guidance-for-professionals/landscape-and-urban-design-for-bats-and-biodiversity

<https://ptes.org/my-garden/>

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