



Glaven Ecology



Former Piggery Bedingfield House Farm

**Biodiversity
Enhancements Plan**

**Prepared by
Glaven Ecology**

**on behalf of
Brown & Co**

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1 Background

1.1.1 Planning has been approved by Babergh and Mid-Suffolk District Councils – DC/21/05332 to allow for the change of use and conversion of part of an agricultural building to a Canine Hydrotherapy Centre

1.1.2 This Biodiversity Enhancement plan has been compiled to discharge condition 4 of the planning approval:

Prior to first use a Biodiversity Enhancement Layout, providing the finalised details and locations of the enhancement measures contained shall be submitted to and approved in writing by the Local Planning Authority.

The enhancement measures shall be implemented in accordance with the approved details prior to first use and all features shall be retained in that manner thereafter.

2 Enhancements

2.1.1 A bat box to be installed on the southern aspect of the building, at least 3m high where there is a clear flight path for bats entering and leaving. Either the [Beaumaris bat box](#) or the [Schwegler 1FQ Bat Roost](#) would be suitable.

2.1.2 Installation of a bird box on the eastern aspect close to the eaves. Either the [Vivara Pro Seville WoodStone Nest Box](#) or the [Eco Small Bird Box](#) would be suitable.

3 Specification of bat and bird boxes

Beaumaris Woodstone Bat Box



- The Beaumaris box has a single narrow cavity which makes it suitable for crevice roosting bats such as the common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, Brandt's bat and whiskered bat. The interior of the box has a rough surface for bats to cling to and the front of the box features a subtle but attractive imprint of a bat in flight.
- Height: 39cm Width: 29cm Depth: 6cm Weight: 4.4kg

Schwegler 1FQ Bat box



- The 1FQ Bat Roost is ideal for all types of bats which inhabit buildings. The shape and design make it equally attractive to bats as a roost or nursery.
- The inside of the box has rough pieces of wood incorporated which provide good insulation and are also used by the bats as perches. The internal layout provides three different areas from which bats can hang and which offer different levels of light and temperature.
- Height: 600mm; Width: 350mm; Depth: 90mm Weight: 15.8kg

Vivara Pro Seville WoodStone Nest Box:



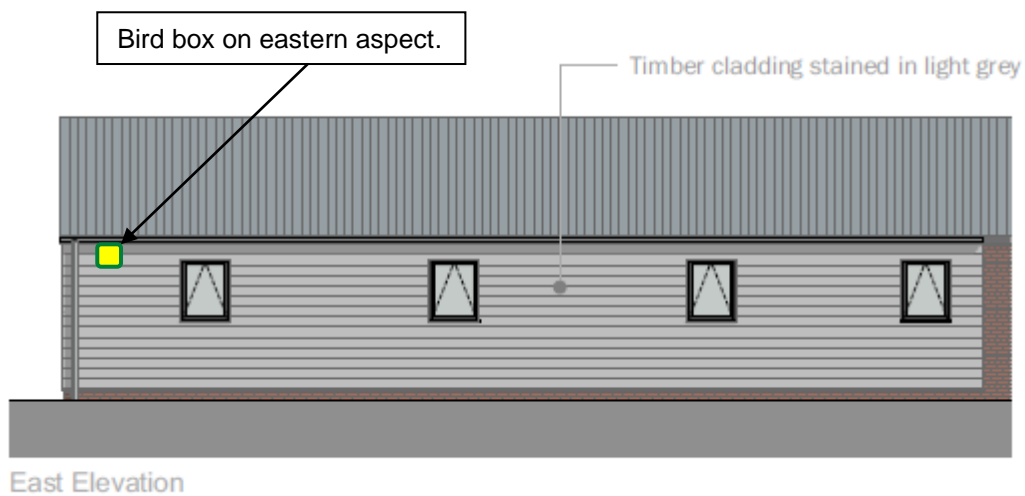
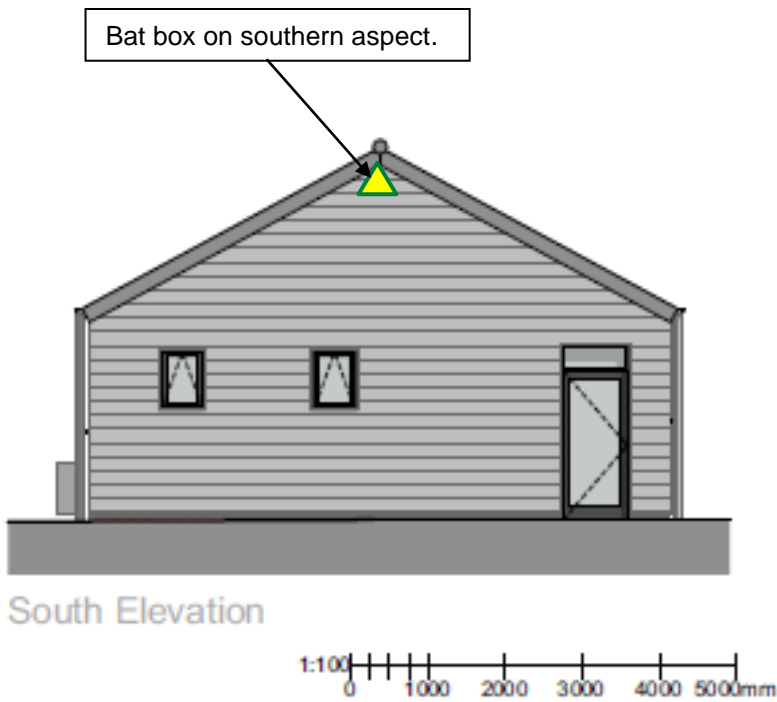
- Manufactured from WoodStone which is a mix of concrete and FSC certified wood fibres. Unlike a traditional wooden nest box, these boxes will not rot away or deteriorate and are guaranteed for 10 years.
- These 32mm hole nest boxes are suitable for blue tits, tree sparrows, house sparrows, great tits, crested tits, nuthatches, coal tits and pied flycatchers and they are available in brown, green or grey.
- Dimensions: height: 310mm, width: 200mm, Weight: 6.9kg
- Nest boxes should be angled so that they face away from the prevailing wind (usually south-westerly in the UK). The chances of occupation are higher if there is good vegetation cover nearby as these will provide a good source of insect food for the nestlings when they hatch.

Eco Small Bird Box:



- This nest box consists of a weatherproof outer shell made from UV stabilised 100% recycled plastic. Inside the outer shell is a wooden nest box to provide the ideal environment for birds to nest in.
- The 25mm hole is primarily suitable for the smallest tit species such as blue tits, coal tits and marsh tits.
- Dimensions: height: 260mm, width: 170mm, weight: 1.1kg

4 Enhancement locations



Drawings courtesy of Brown & Co, 2021