

sharman architecture

OAK BARN. WILLOW DROVE. BOROUGH FEN. PETERBOROUGH. PE6 7QB

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Site:

LAND OF HEReward WAY
CROWLAND
PETERBOROUGH
PE6 0HW

Date:

15TH FEBRUARY 2024.

BIODIVERSITY METHOD STATEMENT.

- The site supports common and widespread habitats low in ecological value. No signs or evidence of protected, priority or rare species have been identified.
- Recommendations following include for precautionary measures for foraging bats, birds, amphibians and hedgehogs.
- The proposed development could proceed with a minimal risk of harm impact to protected, priority or rare species or habitats.
- With biodiversity enhancements followed as described below, the proposed development will be enhanced for the benefit of local wildlife in accordance with net gain requirements in the national planning policy.

With the foregoing in mind we recommend as follows:

BATS

To minimise any residual risk of impact to foraging bats, the following precautionary measures will be undertaken where applicable.

Comments have been added where necessary in italics and underlined.

- During demolition, roof materials should be removed by hand. If at any point bats or evidence of bats are found (droppings) works should stop and an ecologist called for advice.
- Any proposed external lighting should be minimised. Where external lighting is required it should be warm white LED lamps with glass glazing, rather than plastic, as these produce the least amount of heat and UV light possible, minimising the attraction effects on insects and minimising disturbance to local bats. *For local access around the building during the periods of darkness it is recommended downlighters are used and not PIR floodlights or similar. An ideal type would be a CANON PIR wall downlighter*
- Any external lighting proposed for the development should be aimed carefully, to minimise illumination of boundary habitats and avoid light spillage into the sky, or horizontally out from any buildings, by using hoods or directional lighting.

- All trees required for removal should be replaced on a one-for-one basis to compensate for habitat loss. The new trees planted should be native broad-leaved species.
A comprehensive soft landscape scheme will be produced of which there will be 9 number native trees introduced.

MEASURES RELATING TO BATS THAT ARE INCORPORATED IN THE SITE.

Bat boxes at the rate of 1 per building have been introduced and their location can be found on drawing HW/04.

The type to be installed are shown at the end of this document

Bat boxes should be installed high in new buildings, with the bat boxes positioned between south-west and south-east.

BIRDS

To minimise any residual risk of impact to birds, the following precautionary measures will be undertaken where applicable.

Comments have been added where necessary in italics and underlined.

- Commencement of demolition of existing buildings and any tree or shrubs reduction should be undertaken outside of the main bird nesting season (March to end of August). If this is not possible or practical, an ecologist should survey the site for active bird nests and provide advice accordingly.
- If an active bird nest was found, it would require protection from impact or disturbance until the bird had finished nesting.
- All trees required for removal should be replaced, as detailed above for bats to compensate for habitat loss.
A comprehensive soft landscape scheme will be produced of which there will be 9 number native trees introduced.
- To compensate for loss of any swallow nesting habitat a swallow cup will be added to each dwelling.
These are shown on drawing number HW/04

MEASURES RELATING TO BIRDS AND THAT WILL BE INCORPORATED IN THE SITE.

SPARROW BOXES

Boxes at the rate of 1 per building have been introduced and their location can be found on drawing HW/04 and the type to be installed are shown at the end of this document

Bird boxes should be installed high in new buildings, with the bat boxes positioned between north-west and north-east

SWALLOW CUPS.

1 number Schwegler swallow nesting cup to placed under the eaves of the new dwellings facing a northerly aspect towards open countryside. And as shown on drawing HW/04

BEEES

Bee bricks at the rate of 3 per building have been introduced and their location can be found on drawing HW/04

The type to be installed are shown at the end of this document

Bee bricks should be installed a minimum of 1 metre above ground level and with no planting in their way. Bee bricks should be positioned between north-west and north-east

AMPHIBIANS & HEDGEHOGS

The following precautionary measures should be followed:

- Ground vegetation should be maintained short up until and during construction;
- During development, any construction materials should be stored on hardstanding or off the ground on pallets, to prevent wildlife from sheltering in the materials and being harmed by movement of the materials;
- Any excavations should be covered at night or have a roughly sawn plank placed in them to facilitate escape for any wildlife which may fall in;
- The site should be well drained and ground vegetation maintained short throughout the development, to prevent attracting wildlife into harm's way;
- In the unlikely event that an amphibian or hedgehog is found on the site, it should be allowed to disperse of its own accord. If rescuing is required, an ecologist should be contacted for advice;
- To allow continued access for hedgehogs any new boundary fencing should have gaps cut at the base every 10m. The holes should be at least 15cm diameter.

All of the foregoing will be added and precautions taken which will improve the site for local wildlife and provide a net-gain in accordance with national planning policy (NPPF, 2021).

The aids to wildlife will be built in as works progress or incorporated upon physical completion of the dwellings.

Maintenance in the case of the sparrow boxes will be yearly to clear out any previous nesting material.

All other items will be left alone.

SPARROW BOXES

VIVARA PRO SPARROW BOX (or similar approved)

As supplied by NHBS (website : nhbs.com)

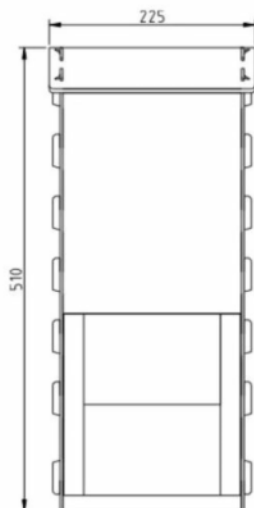


One number is to be installed per dwelling
They are to be fixed up high in the brickwork of the dwelling in a position between North West and North East.
The boxes can be built in or surface fixed
Refer to drawing number HW/04 for location details

BAT BOXES

ECO KENT BAT BOX (or similar approved)

As supplied by NHBS (website : nhbs.com)



**Internal
Configuration**
2 parallel crevices



One number is to be installed per dwelling.

They are to be fixed up high in the brickwork of the dwelling in a position between South West and South East.
The boxes are surface fixed.

Refer to drawing number HW/04 for location details

BEE BRICKS

BEE BRICK

As supplied by NHBS (website : nhbs.com)



3 number are to be installed per dwelling

They are to be ideally positioned in a warm sunny spot, south facing, with no vegetation in front of the fascia. Ideally placed at least 1 metre from the ground with no upward limit.

The bricks are built.

Refer to drawing number HW/04 for location details

SWALLOW CUPS

SWALLOW CUP

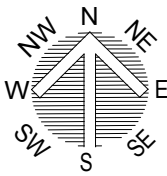
As supplied by NHBS (website : nhbs.com)



1 number is to be installed per dwelling

They are to be positioned under the eaves that are facing a northerly aspect towards open countryside
To ensure the swallows have sufficient room in the nest cup and when arriving and leaving there should be at least 60mm free space above the nest cup.

Refer to drawing number HW/04 for location details



- ECOLOGY
LOCATIONS OF BAT, SPARROW, SWALLOW BOXES AND BEE BRICKS
AND EXTERNAL LIGHTING
- BAT BOX
 - SPARROW BOX
 - SWALLOW CUP
 - BEE BRICKS