Whitcher Wildlife Ltd.
Ecological Consultants.

ROUGHBIRCHWORTH LANE, OXSPRING.

OS REF: SE 27162 02085.

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN.

Ref No: **210543/CEMP.**

Date: **20th December 2022.**

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1. INTRODUCTION.

1.1. Planning consent number 2020/1387 has been granted for the construction of seven new dwellings on the Roughbirchworth Lane residential development area.

1.2. Planning condition number 5 states: -

Prior to the commencement of works on site a detailed Construction Environmental Management Plan (CEMP) undertaken by a suitably qualified ecologist shall be submitted to and approved in writing by the Local Planning Authority.

The CEMP should include the following;

- A Detailed lighting scheme including the location, orientation, angle and luminance of the lighting and a horizontal illuminance contour plan. No lighting will be directed onto the River Don and its associated woodland habitats, and dark corridors should be maintained along these features to ensure species such as bats and otter are not negatively impacted by the scheme. The lighting scheme should be produced in line with the following guidance: Bat Conservation Trust publications 'Artificial Lighting and Wildlife' (2014); Bats and Artificial Lighting in the UK' (2018) and Emma L Stone (2015).

- All riverside trees are to be retained and an 8 m buffer from the banks of the River Don will be maintained to prevent negative impacts to the river and associated riparian habitats. To ensure no encroachment within this area, the 8 m buffer area and the Root Protection Area (RPA) of the trees will be marked off using appropriate tree protection fencing with signage attached to prevent encroachment.

- A detailed scheme to prevent pollution of the River Don and adjacent habitats during site clearance and construction.

- Precautionary measures will be applied within the nesting bird season which runs from March – August inclusive. Impacts to nesting habitat will be avoided during this period. However, where this is not possible, a pre-works nesting bird survey should be completed. Any nesting birds identified would be cordoned off with a suitable buffer zone applied. Vegetation removal should re-commence once a suitably qualified ecologist has deemed the area to be free of nesting birds.

- Precautionary measures should be adopted on site to avoid harm and disturbance to otter and water vole that may be present along the River Don during construction works and once the site is operational.

- A detailed scheme to include the provision of bat roosting and bird nesting habitat in each dwelling should be provided. Integrated bat and swift nesting bricks should be installed within each of the properties on site.

1.3. This document is designed to satisfy that condition.

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2. DETAILED LIGHTING SCHEME.

This will be provided by others and inserted here in due course.

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3. RETENTION OF RIVERSIDE TREES.

1.1. Prior to site clearance commencing, a substantial post and rail fence will be installed parallel to the River Don. The fence will be at least 8m from the river and will also encompass all Root Protection Zones and will ensure all trees are retained along with associated ground vegetation beneath the trees.

1.2.This fence will also be the long term boundary of the domestic gardens.

1.3. Signs will be erected on the fence, stating “Environmentally Sensitive Area. No Works to be Undertaken in this Area”.

1.4. Alternatively, a secure Heras fence in accordance with BS 5837:2012 will be erected first to protect the area during the development phase and this replaced with a timber post and rail fence prior to the first dwelling is sold.

1.5. During the construction phase of the development, the site manager will regularly check the integrity of the fence. Any necessary repairs will be carried out immediately and recorded in the site diary.

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4. PREVENTION OF POLLUTION OF THE RIVER DON.

4.1. A knitted silt fence will be erected on the site side of the tree protection fence outlined in the previous section to intercept all run off and silt from the site. This works by trapping run off, allowing clean water to soak into the ground while holding back all solids.

4.2. The integrity of the silt fence will be checked weekly by the Site Manager. Any necessary repairs will be undertaken immediately.

4.3. Accumulations of silt will be dug out and spread on the site away from the silt fence.

4.4. The fence will be maintained in position until immediately prior to dwellings being sold.

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5. TO AVOID IMPACTS ON NESTING BIRDS.

5.1. All necessary vegetation clearance will, as far as possible, be carried out outside the nesting bird season that extends from March to September each year.

5.2. Where vegetation clearance is necessary during the nesting season, a nesting bird survey will be undertaken by a suitably experienced ecologist no more than two days before the clearance commences.

5.3. If an active nest is found, a stand off zone will be agreed with the ecologist and will be surrounded by a fence. No vegetation clearance, or other works, will be carried out inside the exclusion zone until the young have fledged and left the nest. At that stage the ecologist will release the area for works to proceed.

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6. TO AVOID IMPACTS ON OTTERS AND WATER VOLES.

6.1. The tree protection fence will ensure that no works are undertaken within 8m of the River Don. This will ensure that there will be no direct impact on otters or water voles.

6.2. The silt fence will ensure there will be no silt deposit on water vole burrows should they exist.

6.3. There will be no lights that shine on the River Don.

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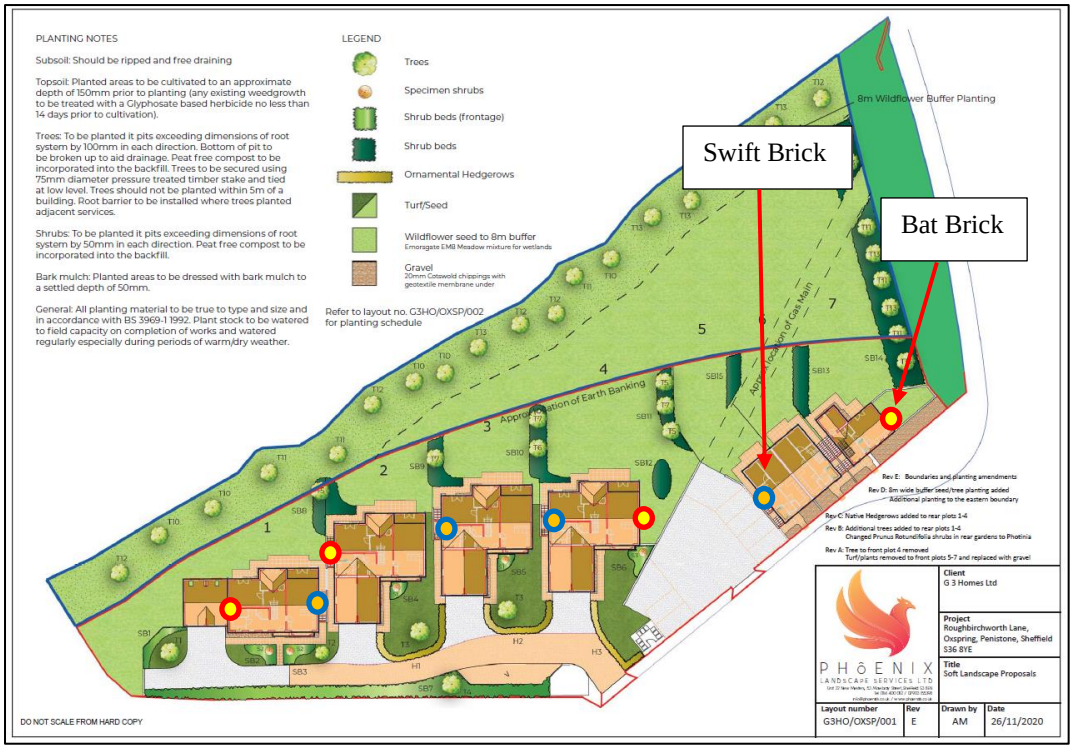
7. INTEGRATED BAT AND BIRD BOXES.

7.1. A detailed scheme to include the provision of bat roosting and bird nesting habitat in each dwelling should be provided. Integrated bat and swift nesting bricks should be installed within each of the properties on site.

7.2. The plan below shows the new housing and landscaping. It also shows the location of four integrated bat bricks, shown as a red and yellow circle and the location of four integrated swift bricks shown by the blue and orange circles.



7.3. During the construction of the new dwellings on the site, four integrated bat bricks will be built into gable end walls of four plots, as shown by the red and yellow circles on the site plan above.

7.4. These will be Habibat boxes as shown below or equivalent colour matched to the brick or stone finish of the wall and will be installed high in the gable end walls of the houses.

7.5. Four integrated swift nest boxes will be installed high in gable end walls of the new dwellings on the site and will be as shown below or equivalent.

7.2.4. The site plan above shows the locations marked with a blue and yellow circle

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