

**Whitcher Wildlife Ltd.
Ecological Consultants.**



**BARROW ROAD, BARTON-UPON-
HUMBER.**

OS REF: TA 04218 21589.

**CONSTRUCTION ENVIRONMENTAL
MANAGEMENT PLAN.**

Ref No: 220776/CEMP/3.

Date: 13th August 2023.

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1. INTRODUCTION.

1.1. Strata are applying for planning consent to build one hundred and seventy-three new residential dwellings on an area of arable land to the south of Barrow Road, to the east of the town of Barton-upon-Humber.

1.2. Prior to any development of the site, Strata have requested that a Construction Environmental Management Plan (CEMP) be created to ensure that any construction activities have no impact on wildlife which may utilise the site.

1.3. This document has been prepared to cover ecological issues which could be caused by the works or arise during the works. Other areas of environmental management are detailed in Strata's 'Construction Management Plan' dated January 2023.

1.4. This document is designed to be provided to on-site personnel to give instruction on how to carry out works which have the potential to cause ecological harm.

2. AVOIDANCE MEASURES DURING CONSTRUCTION.

2.1. Detailed below are stages of the construction process which have the highest potential to impact upon the ecology of the site. Each section details what impact the process may have along with how to avoid or mitigate the impact.

2.2. Operation: Hedgerow removal.

Access into the field is already possible via a gate at the northern end of the site leading from Barrow Road. However, a roundabout is to be created along with a new access road into the site which will involve the removal of a section of hedgerow. This section of hedgerow is appended to the bottom of this plan.

2.2.1. Impacts.

2.2.1.1. Priority habitats: Hedgerows are priority habitat listed on the Natural Environment and Rural Communities Act (2006). Therefore, the removal of the hedgerow will impact on a priority habitat.

2.2.1.2. Nesting birds: All hedgerows around the site have the potential to support nesting birds within the nesting season, which extends from March to August inclusive each year. Therefore, any impact on the hedgerows has the potential to harm nesting birds.

2.2.2. Mitigation.

2.2.2.1. Priority habitats: The removal of any hedgerows around the site will be fully detailed within the finalised arboricultural report and authorised by the local planning authority prior to works commencing.

2.2.2.2. Nesting birds: The hedgerow due for removal is of poor quality and only recently planted, and therefore still gappy and 'defunct'. Regardless, removal of this hedgerow will either be done outside of the nesting bird season, which extends between March and August inclusive each year, or if to be removed during next bird season will be preceded by a nesting bird survey undertaken by a suitably experienced ecologist. In the event that a nest is identified, work will stop and a suitable buffer zone will be put in place until nesting activity has ended.

2.3. Operation: Ground Clearance.

The ground within the field will need to be cleared to facilitate the development of the site.

2.3.1. Impacts.

2.3.1.1. Ground nesting birds.

Arable land has the potential to support an array of ground nesting birds such as curlew and skylark. If possible, all vegetation, including crops, will be removed from the field prior to the nesting bird season in March. This will deter any ground nesting birds from using the site.

If this does not prove to be possible and vegetation clearance has to take place during nesting bird season this will be preceded by a nesting bird survey undertaken by a suitably experienced ecologist.

2.3.1.2. Reptiles and amphibians.

Although the arable land is generally unsuitable for reptile and amphibian species, the development will proceed under avoidance measures in the unlikely event that they are present on site at the time of works.

2.3.2. Mitigation.

2.3.2.1. Ground nesting birds.

If possible, all vegetation, including crops, will be removed from the field prior to the nesting bird season in March. This will deter any ground nesting birds from using the site. If this does not prove to be possible and vegetation clearance has to take place during nesting bird season this will be preceded by a nesting bird survey undertaken by a suitably experienced ecologist.

2.3.2.2. Reptiles and amphibians.

The likelihood of encountering reptiles and amphibians during the works is considered to be minimal. However, should any reptiles or amphibians be found on site. Works will temporarily cease until advice has been sought from a suitably experienced ecologist on how to proceed.

2.4. Operation: Working within the south-western corner of the site.

Construction works will be required to take place within the south-western corner of the site, where Virginia creeper, which is an invasive, non-native species listed on schedule 9 of the Wildlife and Countryside Act (1981), is growing over the hedge from a neighbouring garden.

2.4.1. *Impacts.*

Works have the potential to spread the plant if they contact the plant when it has berries on it. This is usually during late summer to autumn.

2.4.2. *Mitigation.*

Prior to any works commencing within a 10m radius of the plant, it will be cut back as far as reasonably possible, collected, and disposed of in a biosecure manner.

2.5. General guidance.

Once the necessary section of hedgerow has been removed and ground has been cleared, the site will hold relatively little ecological value. However, general precautionary measures will still be in place. These will include the following.

- No artificial light to be shone on the boundaries of the site or neighbouring fields outside of natural daylight hours.
- No open excavations to be left overnight. If left overnight, they must have a ramp in or out that is accessible to mammals.
- Heras, or any other temporary fencing to remain in place throughout the works to ensure no works within the root protection areas of the hedgerows and neighbouring trees.

- The construction manager will have the number of a suitably qualified ecologist on hand at all times. Should any ecological concerns be raised by on-site personnel, the ecologist will be contacted for advice.

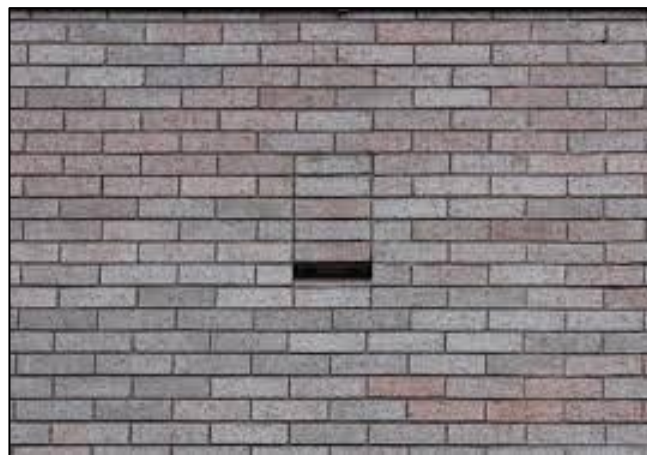
3. CONSTRUCTION OF NEW MITIGATION.

3.1. The development is required to include new opportunities for species to utilise the site post development. These opportunities are detailed below.

3.2. Bats.

3.2.1. The development requires a minimum of 10% of all homes to include an integrated bat box. This should be positioned as high as possible on the property, usually on the gable end, or alternatively on the rear wall if deemed a more suitable position. A map showing the exact locations of these will be marked up within the Ecological Impact Assessment.

3.2.2. The integrated bat box must be fitted so that the entrance is at the bottom as shown on the photograph below. Bats are very unlikely to use these if fitted horizontally or upside down and they will have to refitted should this happen.



3.3. Birds.

3.3.1. The development requires a minimum of 10% of all homes to include an integrated bird box. This should be positioned as high as possible on the property, usually on the gable end, or alternatively on the rear wall if deemed a more suitable position. A map showing the exact locations of these will be marked up within the Ecological Impact Assessment.

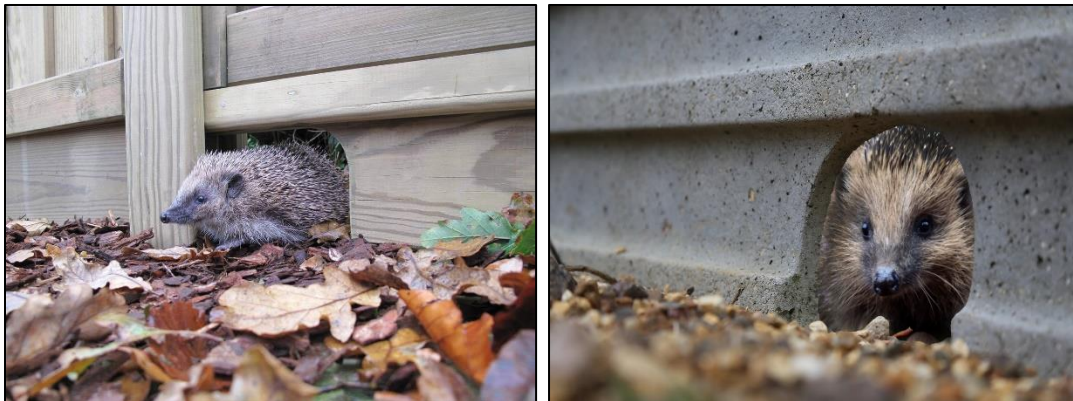
3.3.2. These bird boxes will be a range of styles as shown in the image below to suit a number of species. All bird boxes should be integrated into the property with the hole

at the top, except for the swift box, which will be at the bottom. All should be installed exactly as shown in the below photograph. Birds are very unlikely to use these boxes if installed incorrectly, and they will have to be refitted if this happens.



3.4. *Hedgehogs.*

Where possible, all rear gardens will be furnished with at least one 130mm square access to enable hedgehogs free access to move around the site and between gardens.



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APPENDIX I. HEDGEROW TO BE REMOVED.



Hedgerow location highlighted by yellow shape.