



### **Bio-diversity enhancement plan/mitigation**

|                    |                                                                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site Location      | 76A Queen's Rd,Caversham, Reading RG4 8DL                                                                                                                                                                                                              |
| Document reference | CE4283-01                                                                                                                                                                                                                                              |
| Report by          | <p>Garry Smith – Senior Ecologist</p> <p>Signature: </p> <p>Tel: 07792064673</p> <p>Email: <a href="mailto:info@chaseecology.co.uk">info@chaseecology.co.uk</a></p> |

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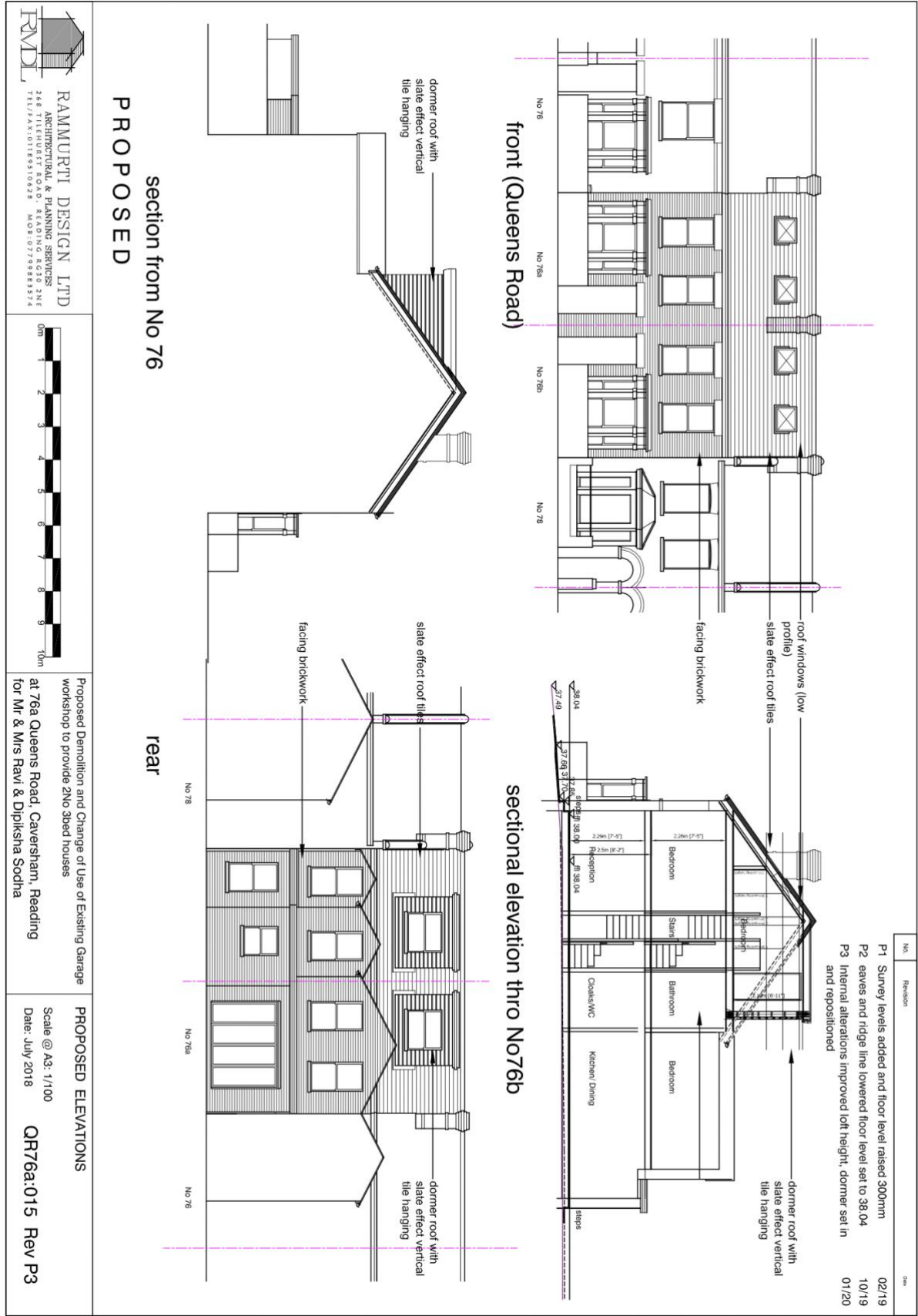
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## Executive Summary

Chase Ecology has produced this Bio-diversity enhancement/Mitigation plan to support the proposed development works and to enable a suitable level of net gain in the sites overall biodiversity.

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methodology                  | Case Ecology has assessed the current ecological value of the site to determine a suitable level of enhancement to known protected species and species at threat which would benefit from the introduction of both natural and artificial habitats.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species considered           | <p>This document details the use of integrated features of value to nesting birds, bats and hedgehog.</p> <p>See section 2 – Proposed site enhancement and management planning.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Requirements for enhancement | <p>All features noted within this report will offer a lifetime habitat for each named protected species where no yearly maintenance or interference from the land owner should be caused.</p> <p>It is the landowners responsibility to maintain the areas around the features within this report to enclose making sure each feature is accessible and removing any flora or other obstacles which may prevent access.</p> <p>It is the landowners replicability to contact an ecologist if any of the features installed suffer damage to obtain advice and guidance.</p> <p>It is recommended that evidence of insulation is provided to the LPA.</p> <p>See section 2 – Proposed site enhancement and management planning.</p> |

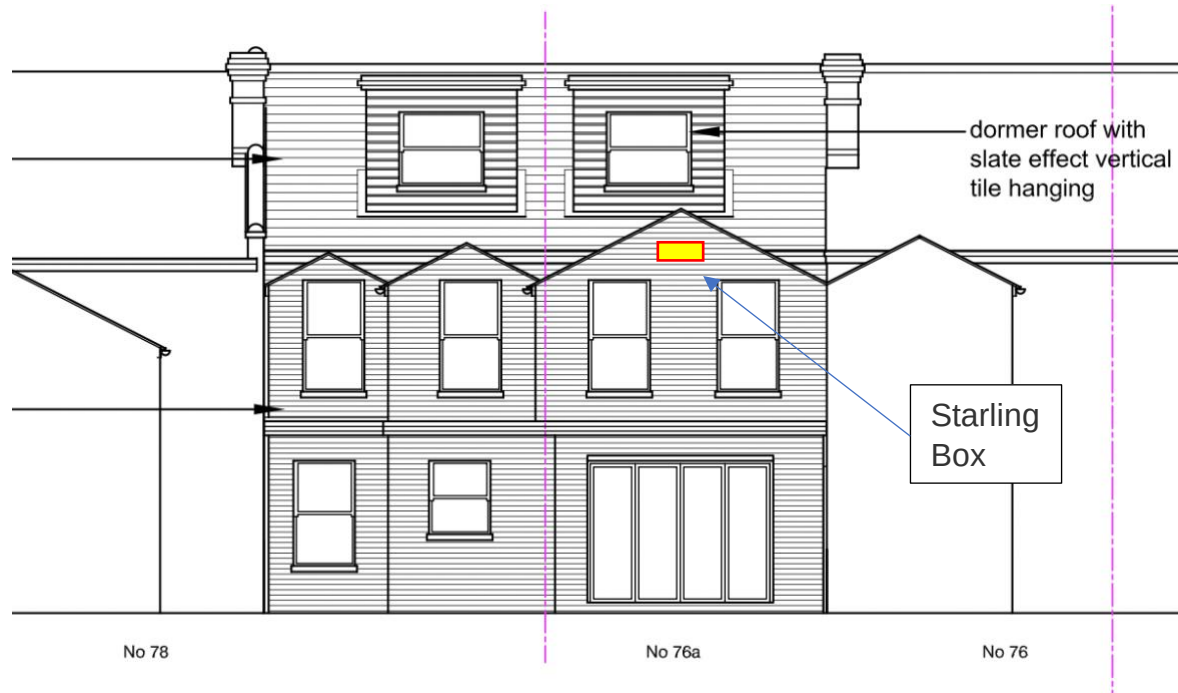
1 – Proposed development works/plans/elevations



## 2 – Proposed site enhancement and management planning

### Nesting Birds

A single Starling Box - Custom Brick Facing shall be incorporated within the rear North facing elevation to offer a suitable nesting feature for Starlings.

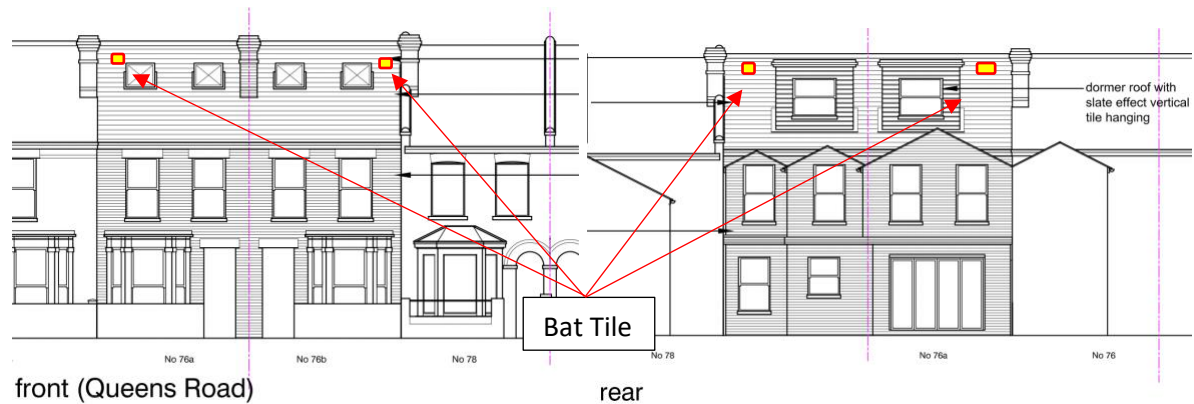


Starling populations have declined dramatically in recent years and are now on the Red List of birds of high conservation concern. Loss of habitat is one of the major pressures on this species and household renovations and new buildings offer much fewer nesting sites than have previously been available. Providing these birds with a safe and secure habitat and nesting environment is a great way to help ensure their future survival.

The Starling Box is a large, solid box made of insulating concrete with an internal nesting space, which can be incorporated into the fabric of a building as it is built or renovated. The box is designed especially to be unobtrusive and aesthetically pleasing.

## Bats

To offer a suitable level of roost creation for bats, a total of four bat access tiles shall be incorporated within the new roof coverings as below;



Bat Access Slate's are carefully designed to provide much needed access to roof space for our protected bat species, whilst blending in seamlessly to your slate roof. The Bat Access Slate consists of a standard sized slate, with a capped vent which allows access for bats between the tiles and membrane coverings below.

Please note, the use of standard modern breathable membrane coverings are not permitted for use with bat habitat creation as these have demonstrated entrapment danger from the breakdown of the loose fibers over time.

It is confirmed that a traditional F1-Felt membrane or TLX bat safe membrane must be used.

Hedgehog

To offer a suitable access platform for hedgehogs, two accessible gaps (150mm x 150mm) will be applied to the rear fencing to offer access to said species through the site as below;

