



Biodiversity Enhancement Statement

For

Louise Harris

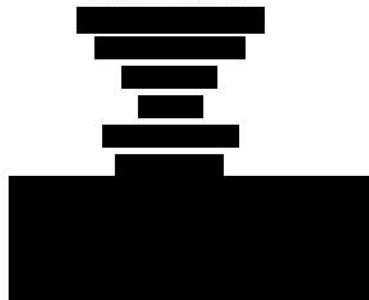
27 Selsey Avenue

Bognor Regis

P021 2QZ

Reference: Q18528

Prepared by
ProHort Limited



Quality Assurance

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1. Introduction/Background

1.1. Purpose and Brief

ProHort Limited was commissioned by Louise Harris to produce an Biodiversity Enhancement Statement for 27 Selsey Avenue, Bognor Regis, PO21 2QZ. There are plans on the Site to extend the existing building. While all shrubs and trees are due to be retained on Site, this report outlines measures which can be taken in order to enhance biodiversity on the Site.

1.2. The Proposed Works

The planning proposal involves a 2-storey extension to replace an existing conservatory, as well as a single storey rear extension.

1.3. Previous Reports

No previous reports have been conducted on the Site.

Measures will be outlined in this report to ensure that the development provides a positive impact on potential bat and bird populations which may be in the area.

Measures will also be proposed to provide habitat for small mammal species.

2. Biodiversity Enhancements

2.1 Bat Boxes

It is recommended that 1 bat box is installed on the Site. This can be installed on any building external wall.

It is recommended that the bat box is installed on the southwest aspect of the property as shown on Figure 1. Bat boxes should face south in order to be exposed to sunlight for part of the day.

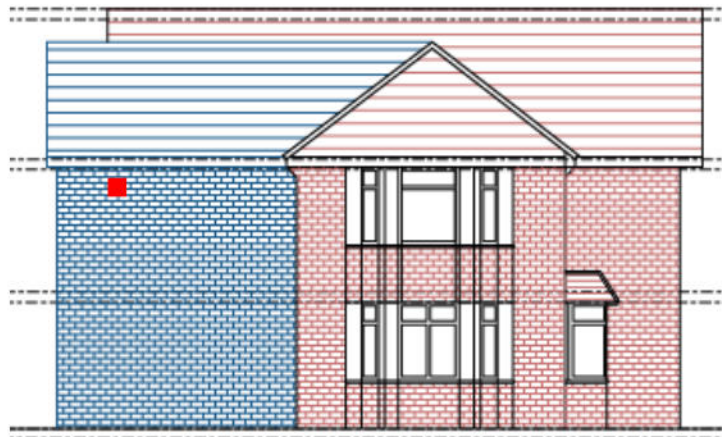


Figure 1 – A diagram showing the proposed location of a bat box (indicated by red square). Building elevations taken from document “PLN_27 Selsey Ave, Bognor Regis PO21 2QZ, UK (5).pdf” provided by the client.

It is recommended that a Schwegler 1FW Bat Hibernation Box is used. This is because it is suitable for both hibernation roosts in the winter and large summer roosts. The box should be installed at least 4 m off the ground.



Figure 2 – A 1FW Schwegler Bat Hibernation Box, available at nhbs.com

2.2 Bird Boxes

Due to the suitable habitat in the surrounding area, it is recommended that 1 bird box is installed on the Site. This can be installed on any building external wall.

It is proposed that the bird box is installed on the southwest elevations of the building, as shown in Figure 3. Type 24 Schwegler Brick Nest Boxes have been recommended, as they can be incorporated into the brick walls of the building. The box can be installed flush with the outside wall and rendered or covered so that only the entrance hole is visible.

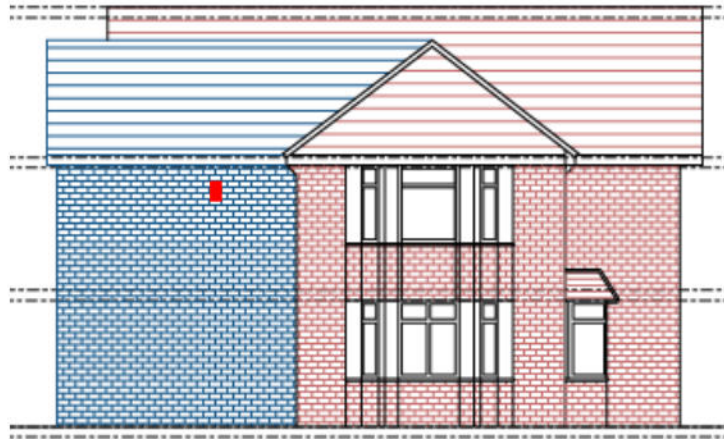


Figure 3 – A diagram showing the proposed locations of the bird boxes (indicated by red boxes). Building elevations taken from document “PLN_27 Selsey Ave, Bognor Regis PO21 2QZ, UK (5).pdf” provided by the client.



Type 24

Figure 4 – A Type 24 Schwegler Brick Nest Box, available at [nhbs.com](https://www.nhbs.com)

2.3. Hedgehog Highways

We recommend that measures are taken to ensure that the proposed development does not interfere with, or enhances, existing habitats or routes used by surrounding hedgehog populations. It is recommended that 'hedgehog highways' are included in the fences on the boundaries of the Site.

Fences can be installed with suitable gaps for hedgehogs included. It is recommended that any new fencing required already has hedgehog highways installed. Alternatively, gaps can be cut into any existing fence panels, such as the fencing due to be retained on the Site. A 13cm x 13cm square is sufficient to allow hedgehogs to pass through, while still being small enough to keep most pets contained within the garden area. Signs can then be placed above these gaps to prevent the gap being closed accidentally, as shown in Figure 5.

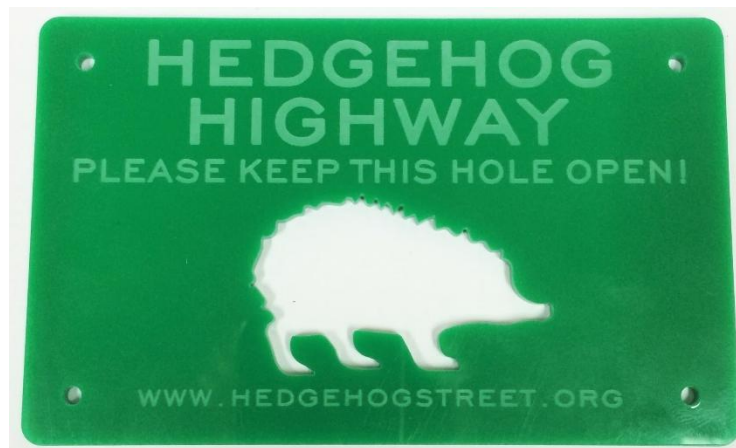


Figure 5 – A Hedgehog Highway sign, available at shop.ptes.org

3. References

- NHBS, 1FW Schwegler Bat Hibernation Box: <https://www.nhbs.com/1fw-bat-hibernation-box>
- NHBS, Type 24 Schwegler Brick Nest Box: <https://www.nhbs.com/schwegler-brick-nest-boxes>
- People's Trust for Endangered Species, Hedgehog highway sign: <https://shop.ptes.org/product/wildlife-friendly-gardens/hedgehog-highway-signs-pack-of-two/>