

Biodiversity Enhancement Statement

Prepared By - Coastline Architects

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Project Address: 33 Windmill Drive, Rustington, BN16 3HL

Description of Works: Demolition of existing side conservatory; construction of a side extension with tiled pitched roof; rear extension with flat roof and two rooflights; loft conversion including rear dormer with flat roof.

Introduction

This statement outlines how the proposed development will protect and enhance the existing on-site natural environment, in accordance with Arun District Council's local validation requirements.

Biodiversity Protection and Enhancement Measures

1. Preservation of Existing Green Space:

The property comprises a small single-storey bungalow with a side conservatory and a large front garden. The development proposals have been designed to minimise impact on existing biodiversity.

- Existing garden areas, including the large front garden, will be retained and protected during construction.
- Any vegetation clearance or pruning will be undertaken outside of the bird nesting season (March–August), unless a check confirms no active nests are present.
- Construction activities will be managed to avoid unnecessary disturbance to retained planting and soil areas.
- No trees or significant vegetation will be removed as part of this proposal.

2. Protection during works:

- Any nearby vegetation will be protected with temporary fencing during the works.

3. Replanting and Restoration:

- Any vegetation or landscaping damaged during construction will be replaced and replanted by the property owner, maintaining the biodiversity of the site.

4. Enhancement of Wildlife:

The proposed development provides opportunities to enhance biodiversity within the site, particularly within the generous front garden and garden boundaries.

- Consideration will be given to installing bird nesting boxes to further enhance the ecological value of the site.
- Native and Pollinator-Friendly Planting: As part of garden landscaping, native or nectar-rich species (e.g., lavender, verbena, foxglove, buddleia) will be introduced to support pollinators such as bees and butterflies.
- Water Collection: A rainwater butt will be installed to support water conservation and provide incidental water sources for birds and insects.

5. Minimising Light Pollution for Nocturnal Wildlife:

- Any external lighting used for the extension will be kept to a minimum and directed downwards to reduce light spill.
- This measure helps protect nocturnal wildlife, particularly bats, which are sensitive to artificial lighting.

6. Minimising Environmental Impact:

- Construction activities will be managed to prevent unnecessary disturbance to local wildlife.
- Materials and methods will be chosen to reduce ecological disruption and support sustainability.

Ongoing Maintenance

All biodiversity features will be incorporated into the final site layout and maintained by the homeowner as part of regular garden upkeep. There is no anticipated future need for removal or disturbance of these features.

Conclusion

Although the proposal involves extensions and a loft conversion to an existing bungalow, it incorporates practical and proportionate measures to protect existing biodiversity and enhance the ecological value of the site. The proposal therefore accords with Arun District Council's local validation requirements for biodiversity enhancement.