

Green Infrastructure Statement

Proposed Rear Conservatory – 1 Llys Harry, Godrergraig, Swansea, SA9 2EQ

1. Introduction

This Green Infrastructure Statement has been prepared in support of a householder planning application for the construction of a single-storey conservatory to the rear of 1 Llys Harry, Godrergraig.

Green Infrastructure refers to the network of natural and semi-natural features such as gardens, vegetation, and permeable surfaces that provide environmental benefits including biodiversity support, sustainable drainage, and urban cooling.

The proposal relates to a small-scale domestic conservatory within the residential curtilage of an existing dwelling.

2. Existing Site Conditions

The property benefits from a private rear garden consisting of a mixture of lawn and paved patio areas with boundary planting typical of residential gardens.

The garden contributes to local green infrastructure through:

- Areas of vegetated lawn
- Permeable ground surfaces
- Garden planting providing habitat opportunities for common wildlife
- Open garden space contributing to local environmental quality.

There are no known protected trees or significant ecological features located within the footprint of the proposed development.

3. Proposed Development

The proposal involves the construction of a single-storey conservatory measuring approximately 4.2 m × 3.9 m attached to the rear elevation of the existing dwelling.

The conservatory will occupy a small section of the existing garden area and will be constructed using typical lightweight conservatory materials including glazed panels and a warm style roofing structure.

4. Green Infrastructure Considerations

Retention of Green Space:

The majority of the rear garden will remain unchanged following the development. Existing lawn areas will be retained and will continue to contribute to the site's green infrastructure.

Biodiversity:

The proposal will not result in the removal of established planting or trees. Retained garden areas will continue to provide habitat for birds, insects, and other common garden wildlife.

Surface Water and Drainage:

The proposed conservatory represents a modest increase in built footprint. Rainwater from the roof will be directed to the existing drainage arrangements associated with the dwelling, ensuring no significant impact on surface water runoff.

Urban Greening:

By retaining the majority of the garden area, the site will continue to contribute to urban greening through vegetation cover, natural drainage, and biodiversity support.

5. Conclusion

The proposed conservatory is a small-scale domestic conservatory with minimal impact on existing green infrastructure within the site.

The majority of garden space, including lawn and planting, will remain in place and will continue to provide ecological and environmental benefits.

The proposal is therefore considered to be compatible with the principles of green infrastructure protection and enhancement.

Nathan Morgan

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