Cwm Planning & Design Ltd.

(Civil, Structural & Architectural)

GREEN INFRASTRUCTURE STATEMENT

Project Construction of Part Double Part Single Storey Rear Extension

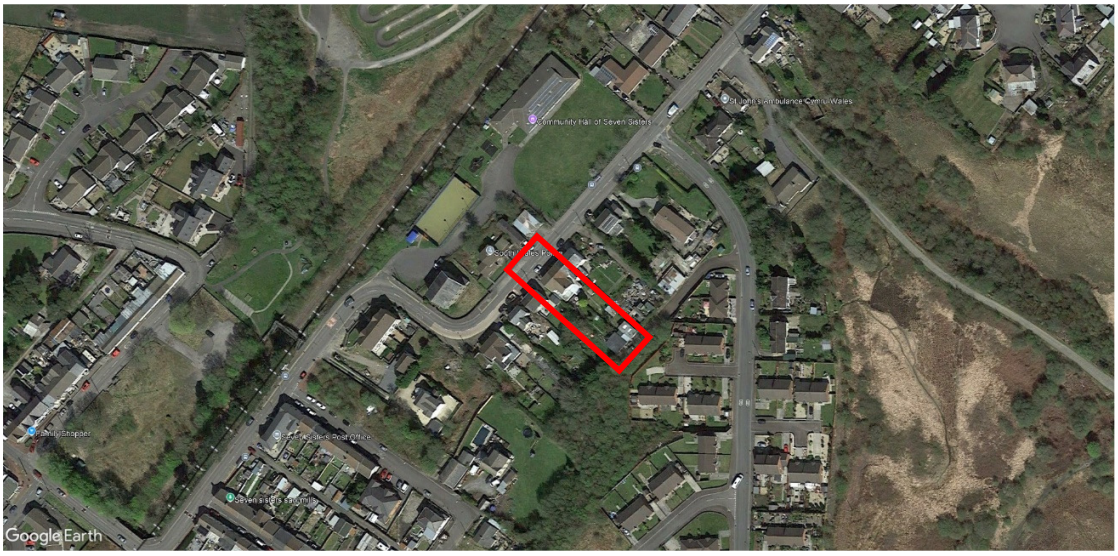
Address: 6 Brynhyfryd Terrace,
Seven Sisters
SA10 9BA

Date: 15th November 2024

General Introduction:

In accordance with Chapter 6 of Planning Policy Wales, this Green Infrastructure Statement has been prepared to support a Planning Application made to Neath Port Talbot County Borough Council for the construction of a Part Double Part Single Storey Rear Extension at 6 Bynhyfryd Terrace, Seven Sisters.

This GIS will describe how green infrastructure has been incorporated into the proposal following the - step-wise approach referred to in the Planning guidance and will be an effective way of demonstrating the impact of the development and how it is mitigated against.



Aerial view of application site and surrounding area

Site Description:

The application site is located in a well built-up suburban area within the village of Seven Sisters. The property is located within a row of similar semi-detached properties all fronting Brynhyfryd Terrace Road and all with similar longitudinal rear gardens.

The property is a traditionally built double storey semi-detached dwelling with rendered masonry walls and a tiled covered pitched roof. There is also a double storey rear extension with a pitched roof and single storey flat roof extension to the rear. *(Refer to Architectural Drawings).*

STEP WISE APPROACH - STEP A: ***IDENTIFY***

Existing Green Infrastructure:

The site is currently within a well-connected landscape with numerous established trees, areas of amenity grassland, and hedgerows. There is a large area of mature scrub woodland to the East which backs onto common and agricultural land.

The application site interior comprises a small paved area to the front, and a large rear garden. The garden, laid mainly to lawn does benefit from established shrubs, bushes and plants which will **remain unaffected** by the proposed works.

Existing street lighting is present along Brynhyfryd Terrace. There is also a PIR security light mounted on the rear elevation which illuminates the patio and garden area. These arrangements are to remain.

STEP WISE APPROACH - STEP B: AVOID

The proposed extension build would **not reduce the current amount of green infrastructure**
No green amenity space will be taken up, lost or removed.

STEP WISE APPROACH – STEP C: RESPOND & DESIGN

Development Impacts / The Proposal:

Whilst there is sufficient Green Infrastructure within the immediate locality of the proposal it is important to respond to current climate requirements with the need to improve connectivity and habitability. In response we feel the planting of native species shrubs and plants in raised beds and verges within the existing garden landscape will be in keeping with the proportion of the development and will enhance the current ecological features.

The extension will be built where there's currently a hardstanding and patio area. The elevated garden will remain unaffected.

The extension will be built to match the existing dwelling with rendered masonry walls and a flat roof over both the double storey element and the single storey element.
(Refer to Architectural Drawings).

Additional low level wattage lighting units will installed on the proposed single storey extension. No additional lighting is proposed within the garden area, therefore minimal impact beyond the limited localised issues within the current garden and neighbouring areas.

STEP WISE APPROACH – STEPs D: MITIGATE

No green infrastructure or amenity space will be lost to provide the extension. Steps D is not applicable in this case.

STEP WISE APPROACH – STEP E: COMPENSATE

No mitigation measures are needed with no compensation required.

STEP WISE APPROACH - STEP F: ***ENHANCE***

Proposed Green Infrastructure Measures and Bio-diversity enhancement:

To further enhance the local connectivity and green infrastructure, it is proposed to introduce a number of native species plants and shrubs. These will be located within the rear garden in small, raised beds and verges. These will include wildlife friendly species, to encourage insects and pollinators, creating additional small habitats and further improving localised connectivity.

Planting species may include: *(not limited to)*

Dog rose (Rosa canina)
Common snowdrop *(Alanthus nivalis)*
Prunus avium wild & edible cherries
Sedum (Hylotelephium spectabile)
Rubus fruticosus agg.
Common knapweed (Centaurea nigra)
Blackthorn (Prunus spinosa)
Hemp Agrimony (Eupatorium cannabinum)
Field scabious (Knautia arvensis)

Fruit trees
Wild privet (Ligustrum vulgare)
English ivy (Hedera helix)
Common holly (Ilex aquifolium)
Honeysuckle (Lonicera periclymenum)
Common mallow (Malva sylvestris)
Crab apple (Malus sylvestris)
Heather (Calluna vulgaris)
Bell heather (Erica cinerea)

It is also proposed to install a bird box (Woodstone House Sparrow Nest Box) on the existing South West elevation at eaves level.
(Refer to CPD 002 for details)

STEP WISE APPROACH - STEP G: MAINTAIN

The planting scheme will be implemented with 1 month of beneficial completion. Regular maintenance will be carried out to ensure the planting scheme remains effective.

*STEP WISE APPROACH - STEP H: **MONITOR***

The Planting scheme will be reviewed annually to monitor the effectiveness of each species to ensure the enhancement remains effective. Should plants die or become too overgrown they will be pruned or replaced.

Conclusion:

The local area has sufficient connectivity and green infrastructure. The provision of the supplementary planting would aim to minimize any adverse environmental effects and given the extent of work proposed it is considered the introduction of various shrubs and plants would be **proportionate to the scale of the development** and **enhance** the ecological features, creating additional nesting habitats and increase the connectivity in the local surroundings.