

Green Infrastructure

Statement

Site Address: 21 Crymlyn Parc, Skewen, Neath, SA10 6DG

Proposed Development: Single storey side extension and rear extension

Site description: Detached bungalow, with off-street parking, front garden comprising of grass lawn and a rear garden patio area comprising of stone gravel. Rear garden bounded by concrete block and timber fence panel walls. No trees or planting to rear of garden area. Detached garage at rear/side of property (See images in Appendix 1)

Surrounding area description: The application site is located in a frontage of similar properties. (See Fig 1 Aerial image)

Development Impacts:

The proposed rear extension is to be constructed by removing a section of existing stone gravel, the side extension is to be constructed by removing a section of the concrete side path to accommodate the structures. No trees or other plants onsite and boundaries unaffected. No external lighting proposed, and therefore no impacts beyond the limited localised issues within garden.

Proposed Planting:

The proposal incorporates a designated planting area in the rear garden.

We aim to plant a variety of plants in a 8m² area in the rear garden using plants listed in section below.

- Lotus corniculatus (bird's-foot trefoil)
- Euphrasia (eyebright)
- Prunella vulgaris (self heal)
- Viola (violets)
- Thymus polytrichus (wild thyme)
- Succisa pratensis (devil's-bit scabious)
- Knautia arvensis (field scabious)
- Eupatorium cannabinum (hemp agrimony)
- Heracleum sphondylium (hogweed)
- Centaurea (knapweeds)
- Malva sylvestris (mallow)
- Dipsacus fullonum (teasel)
- Origanum vulgare (wild marjoram)

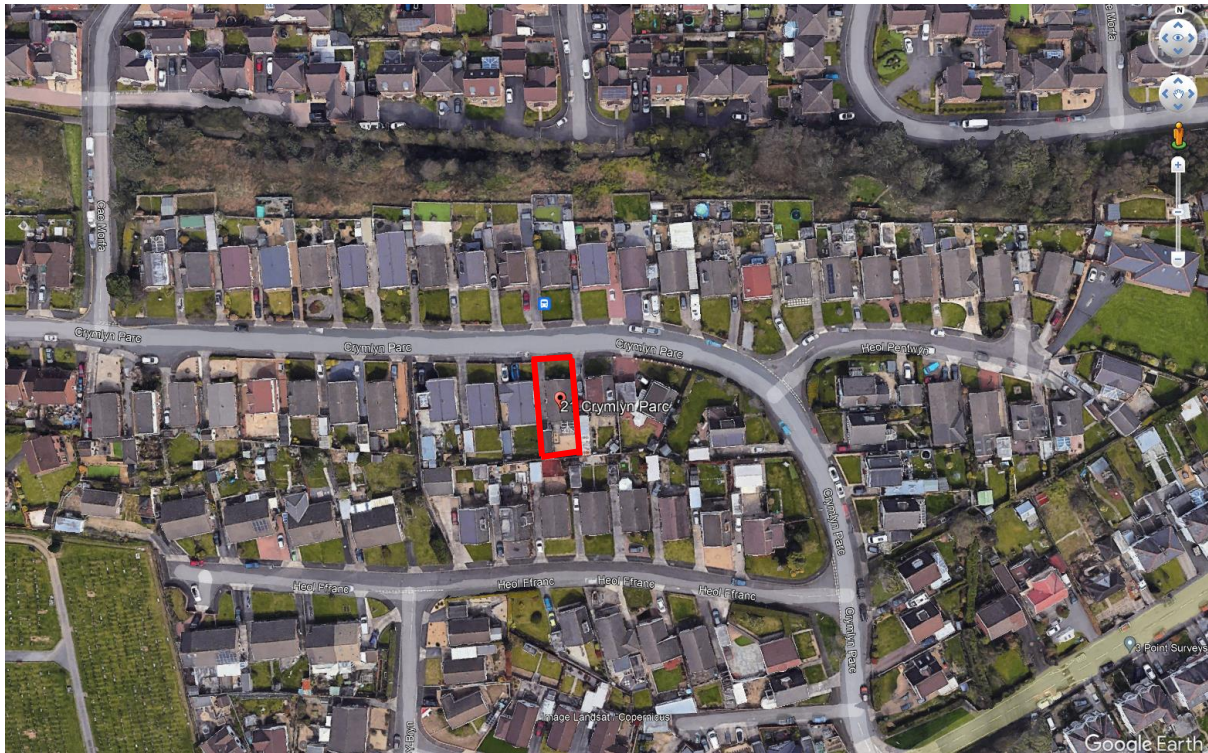


Figure 1 – Ariel image

Biodiversity Enhancements Proposed

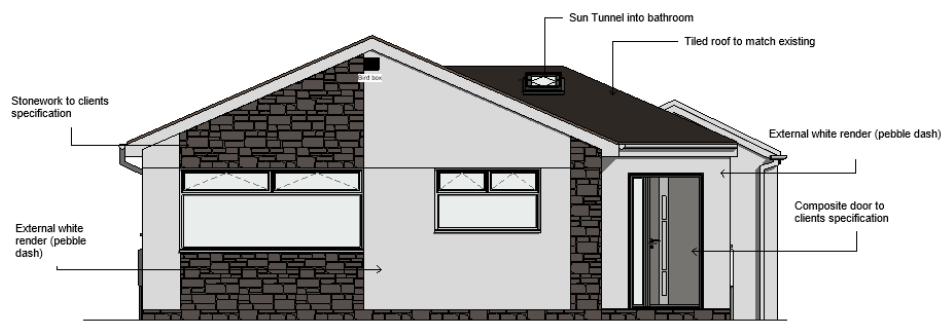
A bat box such as a Schwegler 1WQ or suitable equivalent could be mounted on the front elevation of the house

Wooden (or woodcrete) nest box with 3 sub-divisions to support 3 nesting pairs. To be placed under the eaves of the building on the rear elevation.

Entrance holes: 32mm diameter

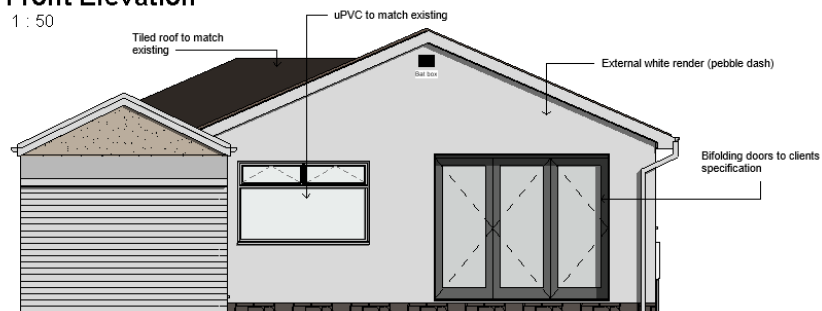
Dimensions: H310 x W370 x D185mm

To be implemented within 3 months of completing the works.



Front Elevation

1 : 50



Rear Elevation

1 : 50

Figure 2 - Location of bird / bat box



Fig 2 Woodcrete house sparrow external nesting box



Fig 1 Schwegler 1 WQ bat box

Conclusion.

It is considered that subject to the above, that the proposed development would maintain and / or enhance biodiversity, build resilient ecological networks and deliver net benefits for biodiversity by incorporating planting areas and by adding bird/bat boxes to enhance biodiversity.

This ensures that any adverse environmental effects are minimised and compensated for.

Appendix 1 (Photographs)



















