

Green Infrastructure Statement:

Site Address: 21 Ynysygored Road Aberfan

Proposed Development: First storey rear extension

Site description: The existing site comprises of mid terrace dwelling, with a large rear garden which leads to a gargae at the bottom of the garden accessing the rear lane. The property fronts on to the public pavement which runs parallel to Ynysygored Road To the rear there is patio, garden area and a rear garage.

Surrounding Area description: The area is predominately terrace properties both side of the street with some detached properties at the top of the street.

Existing Green Features :

The existing features are located between the patio and the gargae and are predominantly some grassed area and some flower beds.

Development Impacts:

As the proposed development is a first storey rear extension there is no impact to any existing green features.

Biodiversity Enhancements Proposed

As there is no impact on the existing green features there is no requirement to replace or provide biodiversity enhancements.

Bats /Birds

In line with the National Planning Policy Framework, the development should aim to enhance the site for bats.

1No. Bat box (Beaumaris) should be installed to provide roosting habitat and 1 no bird box (elegance) examples below. It is proposed to fit the bat box to the extension and the bird box to the apex of the new garage.

In general, bats seek warm places and for this reason boxes should be located where they will receive full/partial sun, although installing boxes in a variety of

orientations will provide a range of climatic conditions. Position boxes at least 3m above ground to prevent disturbance from people and/or predators.

Bird boxes should be fitted between 2m-4m high, on a north or east facing elevation to avoid direct sunlight.

Lighting should also be carefully selected to avoid disturbance to bats who are foraging/commuting. Artificial lighting is known to cause disturbance and can discourage use of the site and boxes.

A sensitive lighting scheme is recommended and should be created using the advice of an ecologist. The lighting scheme should follow the advice details in Bat and Artificial Lighting in the UK, technical Guidance Note.

Luminaries are to be LED only and should have a warm white spectrum <2700 Kelvins reducing blue light and increasing red light.

Luminaries should not face upwards and should have 100% downward light



Beaunmaris Bat Box.



Elegance Sloping Bird Box

Conclusion.

As there is no loss of green infrastructure there is no requirement to replace or enhance, however it is proposed to introduce a bat and bird box as discussed above and would deliver net benefits for biodiversity and further enhanced by installing features such as bat and bird boxes.