



www.creationdesign-wales.com

Room 229 - The Innovation Centre,
Festival Drive,
Victoria Business Park,
Ebbw Vale,
NP23 8XA

- 01495 616277
- 07508890294
- info@creationdesign-wales.com

Project Ref: 25/075

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Green Infrastructure Statement & Bio-diversity Enhancement

Property Address: 10 Catalpa Close, Malpas, Newport NP20 6JW

Proposal: House Extension, single-storey side with raised deck



Aerial photo of site

1. Existing Site Conditions

- The property benefits from front and rear gardens containing lawn, and shrub.
- No trees are impacted by the proposed extension.
- There are no statutory or non-statutory nature conservation designations on or adjacent to the site.

2. Impact Assessment

- The proposed extension is located on existing hardstanding and built footprint.
- **No loss of green infrastructure** is proposed. Soft landscaped areas (lawn, planting, boundary vegetation) remain unaffected.

3. Proposed Enhancements

In alignment with Planning Policy Wales Edition 12 (para. 6.4.16), the following biodiversity and ecosystem resilience enhancements are proposed:

- Installation of a **bat box** on house gable wall. (Refer to Drawing 25-075/P/06)
- Installation of a **bird box** on house gable wall. (Refer to Drawing 25-075/P/06)

4. Maintenance

- All enhancement features will be inspected annually, with planting tended through regular watering and pruning as needed.
- Boxes and habitats will be retained and not removed unless safety demands it.

5.1 Enhancing Biodiversity:

- Maintain and protect existing vegetation.
- Install bat / bird boxes and insect habitats to encourage wildlife.

5.2 Enhancement Features for Bats

- In line with the National Planning Policy Framework, the development should aim to enhance the site for bats.
- 1 No. Beaumaris Bat Box. Size MAXI: 380 x 500 x 70; 280 x 390 x 25 (Inner)
- Woodstone bat box ideal for crevice dwelling species. Choice of two sizes.
- The box should be installed to provide roosting habitat for species such as common pipistrelle, Nathusius's pipistrelle, Soprano pipistrelle and Serotine bats.
- 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.
- Bat boxes should be fitted as high as possible (>3m) (Refer to Drawing 25-075/P/06)



- Rough interior to provide lots of grip
- Good thermal insulation
- Painted black to best absorb the sun's heat, which is important as bats need to increase their body temperature before they emerge in the evening
- Suitable for wall mounting

5.3 Enhancement Features for Birds

- 1 No. Bird Box are to be installed at high level on the Gable on house gable wall.
(Refer to Drawing 25-075/P/06)
- Bird box should be fitted between 2m-4m high, on a north or east facing elevation to avoid direct sunlight.



Apex Bird Box



Large Bird Nest Box

- **Available from: The NestBox Company***
- Available at: <https://www.nestbox.co.uk/>

*Many other makes and designs are available across the country.

6.0 Conclusion

This green infrastructure statement demonstrates our commitment to sustainable development and the well-being of the natural environment.

Further Reading

1 naturalresourceswales.gov.uk 2 gov.wales 3 gov.wales 4 gov.wales