

BIODIVERSITY (GREEN INFRASTRUCTURE) STATEMENT

PLANNING DOCUMENT REF: 24/457-302

SITE ADDRESS: 74 Pine Valley, Cwmavon, Port Talbot SA12 9NG

PROPOSED DEVELOPMENT: Side Extension & Re-development of the Garden Area

Description of proposed Works:

Side Extension to incorporate an extended Entrance Hall, to provide facilities for an additional Shower Room/Utility to include a Sunroom/Library to accommodate books, music library, a wellbeing area for Yoga and increasing the Ground Floor living space.

Access from both sides of the Extension to the new Patio and Garden area. The front garden area to mostly remain and the Driveway to be expanded and refinished.



Surrounding Area Description:

The house is part of the Pine Valley Estate, off Cwmclais Road, with most of the houses and bungalows constructed in the 1970's, although there are some newer properties at the end of the road. The area is semi-rural, with a lot of open areas and woodland nearby, so there are plenty of natural habitats for wildlife.

Proposed Ecological Enhancements:

The householders are proposing to install bird nesting boxes on the side of the main house as indicated on the plans and to provide various insect habitations to encourage more natural habitats for these creatures – they are keen to observe the increase in diversity in their garden as a result.

The garden is predominantly Southwest facing the locations of the nesting boxes need to be placed at a height of between 3 – 4 metres high this will be achieved with the selected position, away from predators.

There will be the addition of a few low-level trees such as Japanese Maple or Dwarf Lilac in the side garden with other flowering shrubs and herbaceous border planting. Some specimens will also be planted and grown in large plant pots.

Birds

The development will also make enhancements for nesting birds in the form of a Small Bird Nest Box (or similar) mounted at a minimum of 6 metres high on the North West Facing wall of the main house. Also incorporating a bird-feeding station near the new garden shed at the rear of the property so it can be observed from the decking area.

Conclusion and Implementation:

The Biodiversity Enhancement Measures shall be fully implemented within 3-4 months of the completion of the proposed works.

APPENDIX A:

SMALL BIRD BOX



- This bird box is designed to provide a comfortable home for most common garden birds.
- Nesting box is available in three different hole sizes to allow you to select the hole size for the species you want to attract.

- Constructed from precision cut FSC certified Exterior Grade plywood treated with water based environmentally friendly preservative.

As natural sites are becoming scarcer why not encourage birds to nest in your garden by providing them with comfortable bird box? The Small Bird Nest Box is one of our most popular boxes. It has a removable roof and incorporates ventilation and drainage.

These bird nest boxes are available in three-hole sizes, 25mm, 28mm and 32mm. The 25mm hole is primarily suitable for the smallest tit species i.e. Blue Tit, Coal Tit and Marsh Tit whilst the 28mm will attract all these species but the hole is also large enough for Great Tits, Crested Tits and Tree Sparrows. The larger 32mm will attract a large range of species including Blue Tit, Coal Tit, Marsh Tit, House Sparrow, Great Tit, Nuthatch and Pied Flycatcher.

These nesting boxes for birds are constructed from precision cut FSC certified external grade plywood and have been treated with an environmentally friendly preservative which is kind to the birds but helps to ensure a long lasting dry comfortable bird nesting box.

Product	Small Bird Nest Box
Product-Code	A1SMA
Variations	Entrance hole: 25mm, 28mm, 32mm
Material	FSC Certified Exterior Grade Plywood
Construction	Panels stapled together with surface sunk staples.
Finish	Non-toxic, water-based stain and preservative
Dimensions	Overall height: 26cm, Overall width: 16cm, Overall Depth: 17cm
Weight	0.8kg
Fixing	2 holes in back panel

The box is nailed together with the roof attached by a screw to enable the upper compartment to be filled and checked. The kit contains all the parts for the wooden box, and then you'll need to go foraging to collect and fill the two compartments with somewhere for the insects to live.

The lower part of the box is designed to be filled with hollow sticks to provide somewhere for solitary bees to lay their eggs. This can be bamboo, hollow sticks (alder is especially good) or stems of other plants. We've even seen solitary bees using cut up drinking straws! Once you've collected your sticks, cut them to the right length then fill the lower part of the box with the hollow ends pointing outward. Then wait and watch. Solitary bees will lay their eggs in the hollow sticks then seal them up with mud which they collect.

The upper part of the box is great for providing somewhere dry and protected with lots of crevices for ladybirds and lacewings to tuck themselves away during the winter when they hibernate. Fill the top of the box with something like pinecones, twigs or straw which will give ladybirds and lacewings plenty of places to hide.

BIRDBATH

2-TIER ZEN WATERFALL FEATURE



Features

- Features 2 tiers and a classic geometric design
- Includes a powerful but silent submersible pump
- Low maintenance design
- Durable weather-resistant design
- Easy step by step assembly guide

Information

Teamson square contemporary water fountain with LED lights is the perfect addition to any outdoor space or living area. Stylish and fashionable our square stone water feature has a

round bowl-like feature which sits on top of the base and allows the water to cascade down the entire area in a calming manner. Natural in colour, the water fountain is ideal for use during the day and a perfect addition that will enhance evenings in your garden as it has built-in LED lights. This is a must for bringing a zen-like feeling to your garden!

Specification

- W51.2 x D51.2 x H40.5cm
- SKU: VFD8401-UK
- UPC: 816780029007
- Colour: Natural Stone
- Cable Length: 5m
- Material: Polyresin
- Weight: 10.1kg

<https://teamson.co.uk/collections/water-fountains/products/peaktop-by-teamson-home-garden-water-feature-with-lights-outdoor-2-tier-water-fountain-pump>

PLANTING



The garden will be planted with a number of species, providing colour and bee-friendly flowers at different times of the year. Here we show a few samples of the types of species which are intended to be established in the garden area, such as Salvia, Echinacea, Lavender, Cosmos and Honeysuckle.

