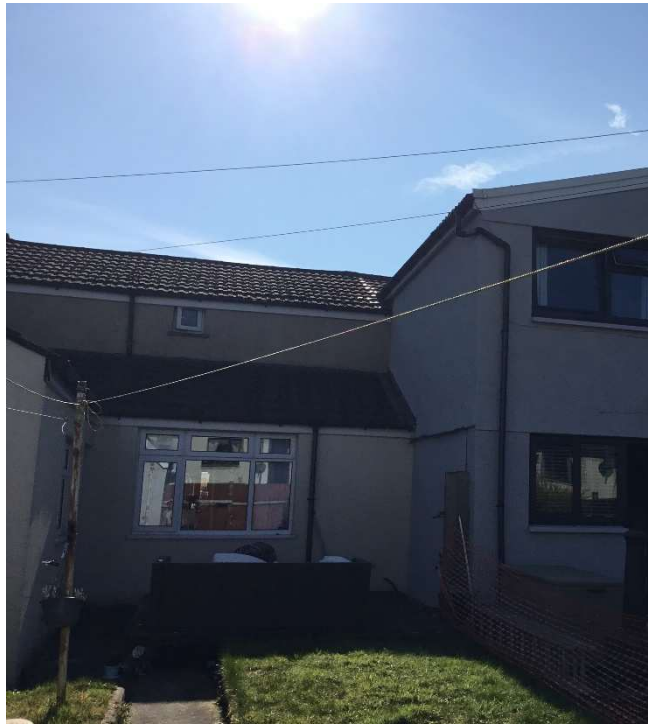


Green Infrastructure for Two storey rear extension at 5 Cardiff Street, Merthyr Tydfil, CF48 1EX



The proposal

Tow storey rear extension

What green infrastructures have/will have been removed to facilitate the development –

None of the existing green infrastructure elements will need to be removed or altered to allow for the development, meaning no loss of existing habitats or foraging features for local wildlife.

How are the retained features being protected during development

Due to the locations of the planned work activities being away from the existing green infrastructure, the possibility of damage or disturbance is negligible, however, protective fence lines will be installed against any features at risk of damage or disturbance to create a clear and protected boundary between the work areas and existing features to be retained.

Existing Green Infrastructure assets

Existing Trees

There are no existing trees on site.

Existing Hedgerows

There are no existing hedgerows on site.

Scrub

There are no existing shrubs on site.

Semi-Improved Grassland

There are existing self-improved grassland on site. However these are to remain untouched.

PROPOSED GREEN INFRASTRUCTURE

In order to comply with current planning policies, the refurbishment works will include the installation of bird boxes to the external North West Gable elevation, namely

New birdbox see drawing no CS-02

A Schwegler 1SP Sparrow Terrace or the following

<https://www.nhbs.com/vivaraprowoodstonehousesparrownestbox?bkfno=210670>. Will be fitted to the Eastern Elevation of the new storage unit.

New bat box see drawing no CS-02

One of the following <https://www.nhbs.com/1wq-schwegler-summerwinter-bat-roostroost> (or equivalent) boxes or similar will be attached to the rear of the property. The bat boxes will be positioned at a height of no less than 3.5m from the ground. No external lighting will be placed on this elevation

Lighting

There will be no external lighting fitted to the property as the area will be covered by CCTV.

SUMMARY

Site GI assets and connectivity are generally limited.

GI / Habitat losses will be adequately compensated with new bat and bird boxes.

Long Term Maintenance Bat Box

The Schwegler 1WQ Summer & Winter Bat Roost is designed to provide bats with a safe and comfortable

environment year-round, accommodating both summer roosting and winter hibernation. Its insulated construction helps maintain optimal temperatures, protecting bats from extreme heat in summer and cold

in winter.

Maintenance Guidelines:

- **Cleaning:** Schwegler bat roosts are designed to be maintenance-free. The 1WQ model, in particular, requires no cleaning, providing years of shelter without intervention.
- **Inspection:** While cleaning isn't necessary, it's beneficial to inspect the roost periodically to check for any damage or structural issues. If repairs are needed, ensure the roost is unoccupied before making any modifications.

Additional Tips:

- **Avoid Disturbance:** Refrain from opening the roost during May to July to prevent disturbing nursery roosts. Similarly, avoid inspections from November to April to prevent disrupting hibernating bats
- **Monitoring Occupancy:** To determine if the roost is occupied, observe it at dusk for about 30 minutes after sunset, watching for bats emerging. Presence of guano beneath the roost can also indicate occupancy.

Long Term Maintenance Bird Box

To properly maintain a Vivara Pro WoodStone House Sparrow Nest Box in the UK, follow these guidelines:

- **Frequency:** Clean the nest box once a year, ideally in autumn (September–October), after the breeding season. This prevents parasite build-up and prepares the box for winter roosting.
- **Avoid disturbing** the box during nesting season (March–August), as house sparrows may reuse the same box multiple times.

Cleaning Steps

- **Open the access panel:**

The WoodStone design typically features a small door or removable panel for easy access

- **Remove old nesting material:**

Wear gloves and use a small stick or brush to gently remove the used nest.

- **Disinfect the box (if needed):**

Use boiling water to kill parasites. Avoid using chemicals or detergents, as they can leave harmful

residues.

- **Dry thoroughly:**

Ensure the box is fully dry before reassembling it.