

Habitat Management Plan for “Frognal”.

1. Landscape Management Objectives

2. Review of the Management Plan

3. Maintenance Programme

4. Maintenance and Monitoring

Initial 10 weeks

Establishment Period 1-2 yrs

Maintenance Period 3-5 yrs

**Appendix A: Bauder Biodiverse Green Roof
Specification**

1. Landscape Management Objectives

The landscape and habitat management plan for Frognaal is based on the initial biodiversity specification for the roof areas. The key components of which are:

- An increasing number of flora and fauna species present on the site.
- Sedum blanket covering in all available areas of the roof.

To be read in conjunction with the roof plan of the green roof areas.

2. Review of the Management Plan

The flora and fauna on the roofs is likely to evolve over time. It is therefore highly likely that the plan be required to change and along with it the maintenance requirements. To facilitate this the plan calls for monitoring in the second summer with a review of the plan and maintenance for years three to five. This process to be repeated again after five years.

3. Maintenance Programme

2 visits per year in Spring/summer and autumn for five years.
Additional monitoring visit in summer of second and fifth year.

Work to be carried out by Bauder Green Roof Maintenance.

Note: None of the green roof are designed to be trafficked in any way, the roofs should not be accessed by anyone except for repair or essential maintenance works, any damage to the surface finishes of the roofs should be reported to Bauder immediately.

Initial 10 weeks (directly after installation)

The green roofs, sedum roofs are designed to need a minimum of maintenance. However, some initial watering will be required during the first 10 weeks after installation if there is insufficient rain fall.

- Watering should be carried out with a fine mist sprinkler or rose. Care should be taken not to wash out the seed with excessive water or pressure.
- Efforts should be made to not to traffic the roof during watering.

Bird and Bat boxes: Assess the site for suitable locations for bird and bat boxes (It was felt at planning stage that there were no suitable locations)

Establishment Period (Yrs 1-2)

Maintenance. During the first 2 years maintenance visits should be twice yearly (spring/summer and autumn)

Maintenance Works

All Areas, every visit work required:

- Pebble Border: remove all vegetation from Pebble borders
- Outlets: check outlets are clear and free from slit and detritus

Sedum roof work required:

Sedum is not tolerant of foot traffic. Access to the sedum areas should be restricted to essential maintenance only.

Work Required:

- Remove unwanted and invasive weeds.
- Fertilise blanket in spring/summer visit as per Bauder Specification
- Remove grass and weed from sedum areas
- Patch any open joints or bare areas with substrate and sedum cuttings

Monitoring

Summer of year 2

- Assess the % failure of sedum. If failed area larger than 5m² should be replaced in the following spring or autumn.

From these assessments the management plan for the following 3 yrs can be adjusted.

Maintenance Period (Yrs 3-5)

Maintenance. During the years three to five maintenance visits should be twice yearly (spring/summer and autumn)

Maintenance works all areas every visit:

- Pebble Border: remove all vegetation from Pebble borders
- Outlets: check outlets are clear and free from slit and detritus

Sedum roof work required:

Access to the sedum areas should be restricted to essential maintenance only

- Remove unwanted and invasive weeds.
- Fertilise blanket in spring/summer visit as per Bauder Specification
- Remove grass and weed from sedum areas
- Patch any open joints or bare areas with substrate and sedum cuttings.

Monitoring

Summer of year 5

- Assessment of the number of original plant species still present on site, plus additional species which may have colonised the roofs.
- Assessment of the success of the wet area, log piles. Stone and sand areas with details of what species are flourishing in these area.

From these assessments and reference to the Camden BAP (2013-2018) the management plan for the following 5 yrs can be adjusted.