

Ref: 7893/GRMP

March 2017

## GREEN ROOF MAINTENANCE PROGRAMME

In support of a Planning Application to construct a rooftop extension and retain the building's sole use as B1 office space.

**To be read in conjunction with the proposed plans and elevations 7893/30D & 31E**

at

### 40 – 42 PARKER STREET, WC2B 5PQ

In line with the Camden Core policy guidance and development framework, a green roof is included in the proposal currently submitted at the above address.

We propose to install a modular green roof system such as the Wildflower and Sedum GrufeKit system from ANS Global. The system is made using 'GrufeTiles' which are pre-grown with 8-12 varieties of sedum and 20-30 varieties of wildflower which is above the council's recommendations for biodiversity in green roofs.

The planting has been grown in the 95-100mm deep carriers for 12-18 months before being brought to site so the roof will be green from day one. Pre-growing also minimises initial maintenance as the roots of the plants are already established. The planting is under warranty to survive the first year and will self-propagate in the following years. More seeds can be added if ever required.

Installing a modular green roofing system is that the installation is incredibly quick and simple. The tiles fit together in place and the edges are lightly brushed to encourage growth.

Sedum retains moisture to keep soil moist so that the wildflowers can survive dry spells. If there is a significant drought, the flowers will need to be watered. There is access provided to the roof to allow for maintenance of the green roof.

Sedum is perennial and will keep the roof looking green all year round whilst providing a habitat for many invertebrates to complete their life-cycle. The wildflowers will flower in late spring and throughout the summer attracting a variety of insects such as bees and butterflies.

Each autumn, the planting will need to be maintained by way of 'dead heading' the flowers to allow them to grow back in the following spring. Undesirable species can also be removed at this stage. It is the responsibility of the freeholder to arrange for future maintenance of the green roof. The tiles are capable of supporting this light traffic.

We believe this type of system is most suitable for the application as it is relatively lightweight, easy to install and low maintenance whilst wielding a significant amount of biodiversity. We trust that the council will look favourably on the proposals set out here.