

CLEARANCE OF CONDITIONS - ROOF TERRACE PLANTING

Client Mr N Beard and Mrs C Comber

Site Address 31 St Marks Crescent LONDON NW1 7TT

DOCUMENT INTENT

To present the plant selection for the roof terrace at 31 St Marks Crescent and the maintenance that will be needed to support this planting scheme.

Successional perennial planting to be installed in 300mm deep planters to create a small wild flower meadow on the ground floor roof terrace.

The intention is to create an intense perennial planting scheme that softens the urban environment but also to encourage insect and wildlife biodiversity.

DOCUMENT DETAILS

Full details in respect of this living roof on the approved ground floor, the details of which include:

- i. Plant selection, species and density
- ii. Maintenance Scheme
- iii. Summary

PLANTING SELECTION, SPECIES AND DENSITIES

PLANT NAME	PLANT IMAGE	PLANT SIZE (spread x height)	PLANTING DENSITY	QUANTITY
Allium hollandicum 'Purple Sensation'		.1 x 1	6 per m2 - random	40
Anthemis tinctoria 'E.C Buxton'		.9 x .7	2 per m2	6
Centaurea cyanus		.3 x .7	6 per m2	6
Cerinthe purpurascens		.4 x .6	3 per m2	12
Echinacea purpurea 'Magnus'		.4 x 1	3 per m2	24
Eschscholzia californica		.3 x .45	6 per m2	12
Euphorbia oblongata		.4 x .5	3 per m2	24
Helenium 'Moerheim Beauty'		.6 x .9	2 per m2	9
Melica altissima 'Alba'		.6 x .9	2 per m2	12
Phlomis russeliana		.75 x .9	2 per m2	10
Salvia nemorosa 'Ostriesland'		.6 x .45	3 per m2	20
Vebena bonariensis		.45 x 2	1 per m2	12

MAINTENANCE SCHEME

1. HEALTH AND SAFETY CONSIDERATIONS

Following health and safety best practice is essential to all green roof maintenance and should be carried out by fully trained personnel who should be:

- Familiar with working at rooftop levels
- Able to carry out risk assessments
- Competent users of all apparatus
- Wear all necessary personal protective equipment

2. GENERAL MAINTENANCE

Maintenance will be carried out bi-annually in the spring and autumn. These works will encompass certain tasks such as the removal of weeds, seedlings and accumulated leaf litter from nearby trees depending on the season. Check health and growth of plants and respond accordingly. Additional maintenance will be executed as and when it is needed throughout the rest of the year.

3. MAINTENANCE PROCEDURES

The following procedures should be implemented as indicated below to safeguard that the roof stays in sound condition and that the plants remain in good health.

- Ensure safe access can be gained to the roof and that relevant Health and Safety procedures are followed when working at roof level.
- Removing all dead vegetation, leaves, weeds and debris from the planting area.
- The owner will be advised of the need to repair or renew as necessary by the landscape contractor and the owner should keep a record of all inspections and maintenance carried out on the roof. Any signs of damage or degradation to the waterproofing should be reported so that arrangements can be made for remedial work to be carried out if necessary and should be reported to the owner.
- When carrying out maintenance in these areas, care must be taken not to damage the planting.
- If the plants are showing signs of distress, but have received regular rainfall, then the most likely problem is a lack of nutrient and a fertiliser should be applied. Use a 6-month slow release fertiliser with an NPK ratio indicated on the product. It is recommended that the fertiliser is lightly 'watered in' immediately after application.
- Irrigation - A Claber irrigation system with timer will be installed and programmed according to the time of year to ensure plant survival. It is always advisable to ensure that there is a water supply point adjacent to this area both to assist with general maintenance and as a precaution against extreme drought conditions.
- Maintain perennial plants through clipping, dividing and plants according to their needs and replacing where required.

SUMMARY

Following the guidelines above will ensure that there will be a healthy and species rich planting area providing a well balanced bio diverse environment for plants and insects alike.