

Detail of Green Roof Strategy for discharge of condition No. 5 - Rev. A

Green roof maintenance strategy

(Note - for detailed green roof maintenance strategy refer to green roof supplier's specification)

- Any vegetation which has encroached into drainage outlets, inspection chambers, walkways and the vegetation barriers (pebbles) should be removed. If movement/settlement of the pebble vegetation barrier has occurred, additional washed stone pebbles similar to the existing are to be added.
- Maintenance will be carried out annually, during springtime and additionally in late autumn should the particular roof location be affected by local trees that produce surface leaf litter. Some deposited leaf litter may be considered as contributory to the biodiverse environment, which is acceptable so long as provision is made to ensure that this has no negative effect on other plants and the roof drainage performance.
- The minimum recommended maintenance of the vegetation is as follows:
In the late autumn the vegetation is to be trimmed back to a 50-70mm height and the unwanted waste matter removed and lowered to ground level for composting/disposal. In late March/April apply slow release organic fertiliser to the vegetated surface.
- With the exception of saplings, which should always be removed, weeds in a biodiverse green roof should be considered as a problem only of aesthetics, unless they are particularly invasive. If considered undesirable, they can be removed.
- Organic slow release fertilizer should be applied at a rate of 80g/m2 in the early spring. For all other vegetation it is recommended that advice be sought from the landscape designer and plant supplier and that any fertiliser required is to be applied according to their specific recommendations.
- There would be a provision of watering point at roof level to allow for only occasional watering in periods of establishment in the first 6 weeks and in case of prolonged drought.

Green roof species list

- Sedum Mat
Plant List Species –shade loving
Sedum cautilolum
Sedum floriferum
Sedum hybridum
Sedum spurius 'kaukasus-sedum'

Native Species Plug Plant Selection

Species Suggestions as per the recommendations of 'Camden Bio- Diversity Action Plan 2013-2018'
Suggested wildflowers as per the
Achillea millefolium / Yarrow (BL)
Origanum vulgare / Wild marjoram
Agrimonia eupatoria / Agrimony
Plantago media / Hoary plantain
Anthyllis vulneraria / Kidney vetch
Primula veris / Cowslip
Centaurea nigra / Common knapweed
Prunella vulgaris / Selfheal
Echium vulgare / Viper's-bugloss
Ranunculus acris / Meadow buttercup
Galium verum / Lady's bedstraw
Hypericum perforatum / Perforate St. Johnswort
Ranunculus bulbosus / Bulbous buttercup
Reseda lutea / Wild mignonette
Knaulia arvensis / Field scabious
Sanguisorba minor / Salad burnet
Lamium album / White dead nettle (BL)
Silene latifolia / White Campion
Leontodon autumnalis / Autumn hawkbit
Leontodon hispidus / Rough hawkbit
Silene noctiflora / Night flowering catch-fly
Leucanthemum vulgare / Oxeye daisy
Silene uniflora / Sea campion (GRG)
Linaria vulgaris / Common toadflax
Silene vulgaris / Bladder campion
Lotus corniculatus / Bird's-foot trefoil
Thymus ducci / Wild Thyme (GRG)
Malva moschata / Musk mallow
Trifolium Pratense / Red clover (BL)
Suggested grasses
Briza media / Quaking-grass
Other festuca spp.
Festuca ovina / Sheep's fescue
Koeleria macrantha / Crested hair-grass

Drought tolerant planting in metal planters
Euphorbia rigida / Euphorbia rigida
Hebe 'Wiri Dawn' / Hebe 'Wiri Dawn'
Lavandula angustifolia 'Loddon Blue' / English lavender 'Loddon Blue'
Santolina chamaecyparissus / Cotton lavender)
Wormwood 'Powis Castle' / Artemisia 'Powis Castle'
Festuca glauca 'Blaufuchs' / Blue fescue 'Blaufuchs'



Green Roof Strategy Plan for levels 3 and 4 (NTS)

The green roof proposed will be an extensive green roof with plug planted local species planted to encourage local wildlife. It will be a combination of sedum and wildflower green roof that will provide visual amenity to the apartments.



Typical section showing the terrace area on level 4 (NTS)



Extensive green roof section (scale 1:8)

Notes: All plants to be plug planted to density of 15-20m²
Local provenance plants species to include