



LOCKSLEY
GARDENS

CONSTRUCTION METHOD STATEMENT
For the
GREEN ROOF

at

153b PRINCE OF WALES ROAD
LONDON

Introduction

This method statement is based on the Architectural drawings at 153b Prince of Wales Road

Species of Grass

- Autumn Hawkbit (*Scorzoneroide autumnalis*)
- Black Medick (*Medicago lupulina*)
- Bladder Campion (*Silene vulgaris*)
- Birdsfoot Trefoil (*Lotus corniculatus*)
- Clustered Bellflower (*Campanula glomerata*)
- Common Knapweed (*Centaurea nigra*)
- Common Poppy (*Papaver rhoeas*)
- Common Spotted Orchid (*Dactylorhiza fuchsii*)
- Common Toadflax (*Linaria vulgaris*)
- Common Vetch (*Vicia sativa* ssp. *Segetalis*)
- Corncockle (*Primula veris*) oCornflower (*Centaurea cyanus*)
- Cowslip (*Primula veris*)
- Hoary Plantain (*Plantago media*)
- Lesser Stitchwort (*Stellaria graminea*)
- Musk Mallow (*Malva moschata*)
- Perforate St John's-wort (*Hypericum perforatum*)
- Rough Hawkbit (*Leontodon hispidus*)
- Self-heal (*Prunella vulgaris*)
- Scarlet Pimpernel (*Anagallis arvensis*)
- Sheep's-bit (*Jasione montana*)
- Small Scabious (*Scabiosa columbaria*)
- Thrift (*Armeria maritima*)
- Viper's Bugloss (*Echium vulgare*)
- Wild Basil (*Clinopodium vulgare*)
- Wild Marjoram (*Origanum vulgare*)
- Wild Pansy (*Viola tricolor*)
- Wild Red Clover (*Trifolium pratense*)
- Wild Thyme (*Thymus polytrichus*)
- Yarrow (*Achillea millefolium*)
- Yellow Rattle (*Rhinanthus minor*)
- Crested Dogtail (*Cynosurus cristatus*)
- Sheep's Fescue (*Festuca ovina*)
- Slender Creeping Red Fescue (*Festuca rubra* ssp. *littoralis*)

Construction Method

- Refer to drawing P01 & D23 which shows the extents and detail section through the roof
- Scaffolding arranged so work can be carried out safely.
- Initially the new steel frame work installed with timber joist infill to form the frame work for the roof
- Fillets and firrings applied to the flat roof areas to form incline to roof of approx. 1:60 falls
- Ply wood decking installed to both flat and front sloped roof with upstands and independent curbs to edges and roof lights etc
- Plywood joints taped and primer applied
- Kemper 2K PUR liquid roofing system then applied on a fleece system
- Lead Flashings installed to perimeters
- Kemper Attenuation layer installed with joints carefully connected
- Kemper Growing media with Wildflower mat 34 installed over the top with perimeter drainage areas

Maintenance

To maintain these features, there is safe access to both the flat roof and mansard roof with water points for irrigation beside each roof.

The maintenance plan for the green roof is summarised as below from Blackdown Horticultural

The first 12 months post installation maintenance should consist of 2 visits followed by, at a minimum, 1 maintenance visit per year.

Typical procedures carried during maintenance include:

1. Removal of unwanted plant material i.e. invasive species (if required).
2. Correction of any localised plant system problems that may have occurred post installation.
3. Replacement of any failed plants exceeding 5% of total plants installed.
4. Application of nutrient source.
5. Removal of dead flower heads (if required).
6. Inspection of rainwater outlet chambers and surrounding vegetation breaks.
7. Replenishment of any areas of settled substrate.

Green Roof Detail

