



# GREENWOOD PLACE: LANDSCAPE MANAGEMENT PLAN

WWA/1611/DOC/602

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## **I Landscape Maintenance**

### **1.1 General Requirements**

The landscape contractor is to maintain the site for twelve months following practical completion of the planting works and thereafter the site will be handed over for maintenance by the client's own landscape team.

All planting works are to be maintained in accordance with the latest versions of BS 4428 to ensure the establishment of healthy and vigorous plants.

### **1.2 Watering**

Water the raised shrub beds and green roof when necessary to maintain healthy growth. Mona plant irrigation systems will irrigate the raised beds to the rooftop community garden, second floor and first floor planting and ground floor. However the reservoir water storage units will need filling manually and, in especially hot or dry weather, additional irrigation may be required.

### **1.3 Timing**

Maintenance visits are to be undertaken all year round in accordance with an agreed programme for the maintenance work. A programme is to be submitted for approval by the client and maintenance report sheets will be required for each visit to site.

### **1.4 Safety**

Prior to carrying out the maintenance tasks the contractor shall inspect the site to ensure that it is safe for the work to be carried out. At the commencement of the maintenance work, the contractor shall carry out a risk assessment and provide a copy of their Health and Safety procedures for the site. COSHH regulations shall be strictly adhered to.

### **1.5 Machinery**

All machinery used during the maintenance work shall be fully prepared, including sharpening, prior to and during the work. The contractor shall ensure that all machinery used on site shall be removed from site following the maintenance visit.

### **1.6 Litter picking**

Litter shall be picked to maintain the planted areas in a tidy condition. All arising's shall be carted away from site. Beds shall be 100% free of litter at the end of each maintenance visit.

## **2 Shrub / Herbaceous/ Wildflower Maintenance**

### **2.1 Generally – at each maintenance visit**

Planted/mulched areas shall be kept free of weeds by hand or by the use of an approved herbicide by prior arrangement. All arisings and prunings from maintenance visits shall be carted away from site.

Shrubs loosened by weather conditions or wind rock shall be firmed.

Top up mulch to ensure thickness of mulch is not less than 50mm in planting beds and tree pits.

## 2.2 Pruning

The general objectives of shrub pruning are to alter or improve shape, to control growth and remove damage and to regulate and induce growth and flower / fruit production.

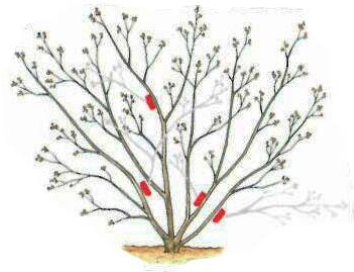
Shrubs are classified below for pruning according to their growth and flowering habit.

### 2.2.1 Group One Shrubs

*Clematis arandii*

Shrubs which flower on current growth or wood.

Prune in the dormant period between February and March by cutting back two or three buds of the old wood. Shrubs grown for stem and bark effect shall be cut back to within 100mm of the base to form stools.



Illustrations (Brickell, C. et al. 2003 The Royal Horticultural Society Encyclopedia of Garden Plants. 3<sup>rd</sup> ed. London)

### 2.2.2 Group Two Shrubs

*Lonicera fragrantissima*



Illustrations (Brickell, C. et al. 2003 The Royal Horticultural Society Encyclopedia of Garden Plants. 3<sup>rd</sup> ed. London)

Flower on previous year's wood – two types

Either prune immediately after flowering has finished by removing flower bearing wood whilst retaining the maximum amount of young wood or for later flowering species, prune during November to February. The latter should be pruned by removing one or two of the older stems each year and trimming back younger flowering wood to fresh growth on the main stem.

### 2.2.3 Group Nine shrubs

Hebe

Salvia



Illustrations (Brickell, C. et al. 2003 The Royal Horticultural Society Encyclopedia of Garden Plants. 3<sup>rd</sup> ed. London)

These shrubs flower from spurs on older wood and should be pruned between November and February, except for wall shrubs, which should be pruned during the summer. Cut back the growth to the spur on the main framework to one or two buds and thin out overcrowded or weak growth.

During pruning all arisings and dead and diseased wood shall be removed and taken to tip.

Naturalised shrubs shall be hard pruned back so that they do not cause obstruction to access openings, mask utilities, signs, name plates, paths and gateways.

### 2.2.4 Group Ten shrubs

Lavandula



Illustrations (Brickell, C. et al. 2003 The Royal Horticultural Society Encyclopedia of Garden Plants. 3<sup>rd</sup> ed. London)

Evergreen shrubs that flower between midsummer and late autumn on previous or current year's growth.

Need little pruning. Prune lightly removing unsightly shoots as required in mid to late spring.

### 2.2.5 Group Eleven shrubs

*Trachelospermum jasminoides*



Illustrations (Brickell, C. et al. 2003 *The Royal Horticultural Society Encyclopedia of Garden Plants*. 3<sup>rd</sup> ed. London)

Vigorous, deciduous and evergreen climbers that flower on previous or current year's growth and need no regular pruning. However, trimming may be required to keep them to the space available.

Prune annually or as needed:

- After flowering, if flowering on previous year's growth
- In late winter or spring, if flowering on current year's growth

## 2.3 Planting and replacing shrubs

Shrub replacements shall only take place between November and March, unless otherwise agreed with the landscape architect.

Plants shall be true to name and type and have a balanced root system, be of vigorous growth and free from apparent disease. Plants should match the original specification unless otherwise agreed.

Planting holes shall be dug to a size and depth able to accommodate the root spread and depth. Plant holes shall be filled around the plant with a mixture of 25% peat free organic compost and 75% topsoil. Firm plants in by heeling.

Plants shall be thoroughly watered in to root depth.

All debris from planting shall be disposed of to an approved off site tip once planting is completed.

## 2.4 Herbaceous plants and grasses maintenance

Maintain beds in a weed free condition by hand pulling weeds and clearing away arisings. Stake taller plants, if required. Trim older flowering stems and clear away debris. Grasses to be cut down to base in march.

## 3 Green Roof to First Floor

### 3.1 ICOPAL Wildflower Matting

Once established, irrigation is only generally required during prolonged periods of hot or dry weather.

Annual maintenance is required at least twice a year to remove invasive plant and weed species. Vegetation and flower growth is expected to be between 50 and 1000 mm and the flower heads will require removal 1-2 times a year.

It is recommended that the roof is strimmed in the early spring and autumn (after the flowers have dropped their seed), and all material removed to allow the roof to thrive.

## 4 Grass maintenance

### 4.1 Generally

Grass shall be cut to a consistent height over the whole area with no tufts or bents left standing above the general sward.

Cutting is to proceed by traversing the site in a series of slightly overlapping straight lines and shall be completed in one continuous cut of the perimeter of the area.

Cutting shall not take place during inclement weather or when the ground is softened by heavy rain or thawing of ice.

Grass is to be cut and boxed off, with clippings to be collected as cutting proceeds and taken to an approved tip.

### 4.2 Cutting preparation

Prior to cutting, the site shall be inspected to ensure that it is safe to proceed with the work.

All litter, stones and debris on areas to be mown shall be collected and removed immediately prior to mowing.

## 5 Implementation Plan

Landscape contractor to provide implementation plan in accordance with main contractors programme of works.

## 6 Management Plan

Following the initial 12 months contractual maintenance the site will be handed over to the regular maintenance contractor to undertake maintenance of the site and long term establishment of the planting.

The tables below summarise the annual maintenance tasks and the first five year period of management for the site. The maintenance is to be carried out to the same specification as the twelve month's contractual maintenance as described in the landscape specification.

Plant stock that is found to be dead, dying or dangerous shall be removed during the scheduled visit and replacement planting shall be undertaken in the next available planting season (November to March).

## 6.1 Annual Maintenance Calendar

Task	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1												
2												
3												
4												
5												
6												
7												

### Tasks

1. Shrub maintenance – firming, pruning
2. Remove weed species then strim wildflower matting once flowers have set seed
3. Weed control
4. Replacement planting
5. Mulch top up
6. Litter picking
7. Cutting amenity grass areas



## 6.2 Ongoing Management Schedule

Description of works	Yr 1	2	3	4	5 and onwards
<b>Shrub and perennial planting</b>					
Weed control	As req	As req	As req	As req	As req
Mulching – top up	1x	1x	1x	1x	1x
Inspecting planting and re firming if required	At each visit	At each visit	At each visit	At each visit	At each visit
Thinning (if required)		As req	As req	As req	1x
Replacement planting	As req	As req	As req	As req	As req
Remove weeds and strim wildflower matting	2x	2x	2x	2x	2x
<b>Amenity Grass</b>					
Amenity grass cutting	16x	16x	16x	16x	16x