

PREAMBLE

This Soft Landscape Plan has taken into consideration comments made on 19th May 2022 by Gloucester City Council. The plan shows that approximately 10 trees can be accommodated within the site.

The planting specified in this Soft Landscape Plan takes account of the site constraints and any proposed variation to the specification will need to be agreed with the Local Planning Authority.

There are trees within neighbouring properties that are in close proximity to the site boundary and guidance within BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations' should be followed during construction.

The planting selection has been chosen to attract wildlife and increase biodiversity within the site and wider area. The selection includes species known to support wildlife whilst providing edible fruits for birds as well as providing year-round interest for the residents.

The planting selection also includes evergreen plants which will provide shelter for overwintering butterflies and insects, and also for birds in bad weather. Flowers will provide food for pollinators from spring to autumn.

GENERAL

PLANTING
All plants and planting are to comply with the requirements of all current and relevant British Standard Specifications including BS 3936: Part I 1992, Part VII 1989 and Part III 1990, and where applicable BS 4428: 1989. All plant material is to accord with the planting schedule.

Plants will be planted at close centres in order to provide mutual shelter and to achieve cover of the ground within 2 years.

- Times of year for planting are as follows:
• Deciduous trees: Late October to late March.
• Evergreens: September - October or April - May.
• Herbaceous plants: September - October or March - April.
• Container grown plants: At any time if ground and weather conditions are favourable.

No trees are to be planted within 5m of buildings or within 3m of sewers or services (or other easement recommended by the relevant statutory undertaker) without the use of tree root barriers, e.g. 'Greenleaf' ReRoot 600/1000 placed between the trees and services (as recommended by a Structural Engineer).

The Site Contractor is to ascertain the location of all sewers and services prior to tree and shrub planting. All dimensions and levels should be checked and adjusted on site.

INVASIVE / NOTIFIABLE WEEDS
The Contractor shall familiarise him/herself with existing site vegetation and conditions and in particular all such matters relating to current environmental legislation including the Wildlife and Countryside Act 1981. In particular the presence and location of invasive / notifiable weed infestation shall be recorded. The Contractor shall allow in his/her costing for any necessary procedures / measures for the removal of such vegetation and any backfilling resulting from such actions.

IMPLEMENTATION

The Implementation programme will be carried out in the first planting season following construction.

All plant material is to conform to the National Plant Specification. All plant stock, where applicable, shall be of local provenance or, if unavailable, national provenance. Plant handling and plant operations are to be in accordance with Horticultural Trades Association 'Handling and Establishing Landscape Plants' (Parts I to III) and the JCLI Practice Note No.1: Contract Growing Guidance 2014.

Work is to be carried out while soil and weather conditions are suitable. No planting shall occur during periods of frost or strong winds.

TOPSOIL REQUIREMENTS
Topsoil to be fertile with maximum 35% clay content and 5% minimum organic content, pH levels between 5.8 - 7.5 and to be free of perennial weeds, weed seeds and contamination. Existing soil to be ameliorated and/or screened, if necessary, to achieve this specification. All stones and other objects larger than 50mm shall be removed from the prepared surface.

Imported topsoil to be to BS 3882:2015: Multi-Purpose Grade, from an approved source, and to accord with the above specification.

The depth of topsoil spread shall be 450mm to all planting areas.

Full analysis of existing and imported topsoil is required prior to use. Provide Declaration of Analysis of Topsoil.

TOPSOIL IMPROVEMENTS
Applied to all newly planted areas to manufacturers' recommendations where appropriate:
• Incorporate 75mm depth of soil conditioner into topsoil during cultivation,
• Incorporate Alginure (Seanure Soilbuilder) Soil Improver approximately 1.5kg/m3 to tree pit backfill and 100g/m2 to shrub beds;
• Incorporate Enmag (6:20:10) granular fertiliser approx. 400g/m3 to tree pit backfill and 100g/m2 to structural/ornamental beds;
• Watering - supply minimum 50 litres per tree and 4.5litres per shrub at planting;
• Mulch - lightly fork over planted areas before applying a 75mm depth 50-100mm grade bark mulch.

Mulch using ornamental bark to consist of predominantly mature British pine bark with an even nominal particle size distribution of 5-35mm with 0% dust and fines and less than 5% wood content. The product shall be pest, disease and weed free and not have been treated with Methyl Bromide or any additives. The product shall have been tested in accordance with the requirements of BS 4790:1987, for fire resistance. NB - Watering to be carried out prior to application of bark mulch.

PLANT MATERIAL TREATMENT
Root Dip: Proprietary Root Dip applied to all bare rooted stock (1) at time of lifting at nursery and (2) prior to planting.

Anti-Desiccant: Proprietary anti-desiccant to be applied to foliage of all containerised / rootballed material in leaf and evergreens etc. (1) prior to transportation and (2) during any delay in planting.

TREE PLANTING
Some trees will be within 5m of buildings or within 3m of buried services and other easements and will require the use of tree root barriers, e.g. 'Greenleaf' ReRoot 600/1000 during planting. The Site Contractor is to ascertain the location of all sewers and services prior to tree planting.

Standard trees are to be planted in pits 900 x 900 x 600mm depth. Break up bottom of pits to a depth of 150mm. Compacted glazed sides of pits should be roughened. Where necessary increase tree pit dimensions to ensure that tree pits are at least 75mm deeper and 150mm wider than the root ball. Backfill with excavated topsoil mixed with 20% peat free organic tree planting compost and 120g Sierrablen Flora Slow-Release Fertiliser.

Water immediately after planting, thoroughly and without damaging or displacing plants or soil.

Trees will be mulched to a depth of 75mm with ornamental bark that consists of predominantly mature British pine bark (refer above under 'Topsoil Improvements'). All bark mulch to be free of pests, disease, fungus and weeds and with no fines or dust particles.

Allow for the use of container grown stock during the period 1 April to 31 October, and field grown stock from 1 November to 31 March.

TREE STAKES AND TIES
All Standard trees to be double staked with rubber ties to the main stem at a third to the total height of the tree to allow for stem to flex and adaptive growth.

Stakes are to be pressure treated, round, smooth and straight of peeled chestnut, larch or oak, not less than 100mm in diameter. Stakes should be free of projections and pointed at one end.

To secure trees, use buckle and strap tree ties with buffer to prevent tree from rubbing.

SHRUB AND PERENNIAL PLANTING
Shrubs and perennials are to be planted in pits 150mm wider and 300mm deeper than the root spread. Planting beds are to have a minimum depth of 450mm topsoil. Break up pit bottom to a depth of 150mm, incorporate 25g of approved slow release fertiliser per planting pit. Backfill with excavated topsoil.

Water immediately after planting, thoroughly and without damaging or displacing plants or soil.

Plants are to be mulched with ornamental bark that consists of predominantly mature British pine bark (refer above under 'Topsoil Improvements'). All bark mulch to be free of pests, disease, fungus and weeds and with no fines or dust particles.

BULB PLANTING
Alliums should be planted in autumn (end of September) in drifts for a natural look whilst providing good distribution within the border.

Ensure that the hole is at least twice the depth of each bulb (or 10-15cm deep) and leave a gap at least 10-15cm apart. After planting firm the ground by hand.

Water immediately after planting without displacing any soil or grass.

GARDEN LAWN TURF LAYING
All work to subsoil / topsoil to be carried out in driest condition possible ensuring soil will crumble.

Ground preparation and laying of the Garden Lawn Turf (or similar and approved) as per manufacturer's recommendation.

Water immediately after planting without displacing any soil or grass. Ensure new turf is kept moist until it is fully established.

MANAGEMENT & MAINTENANCE

The Landscape Contractor shall maintain the new planting for a period of five years, except for the turf planting which shall be monitored for two years to ensure their establishment.

REPLACEMENTS
The Landscape Contractor shall replace any stock (including the trees within rear gardens) that is deemed to be dead, or dying, any stock that has been vandalised or removed or become seriously diseased or damaged during the next planting season (November to March). Replacements shall be of similar size and species to the original to the satisfaction of Gloucester City Council.

GENERALLY
Throughout the first year the following operations should be undertaken:

- Weeding and litter clearance: All planting areas and planters are to be maintained weed free by hand weeding. Any litter is to be removed.
• Checking ties and fixings: All stakes and tree ties, where applied, are to be inspected and made good.
• Formative pruning: Any damaged shoots / branches are to be pruned back to healthy wood in accordance with good horticultural practice.
• Ensuring that all trees and shrubs are firmly bedded in the ground after strong winds, frost heave or other disturbances.
• Regularly deadheading to encourage more flowers to form for the flowering species.

WATERING
In periods of dry weather apply sufficient water to maintain healthy growth. During the months of May to September inclusive (subject to weather conditions) watering is to be undertaken every week.

FERTILISER
From April to September, use a general-purpose liquid feed, unless the compost contains a slow-release fertiliser. Top dressing in spring by applying quick-acting fertilisers to the soil surface around plants will stimulate growth. Feeding is not necessary in winter.

TREES
Trees should be checked annually to avoid any health and safety issues. All tree works should be undertaken in accordance with the requirements of BS 3998:2010.

Undertake corrective tree surgery operations where necessary, such as the removal of dead limbs, crown thinning or pollarding. Any pruning should not be undertaken during bird nesting season (late February to late September).

Wounds should be kept as small as possible and clean cut back to sound wood. Cuts to be made above and sloping away from an outward healthy bud, on an angle so that water cannot collect on the cut area.

Use the branch bark ridge or the branch collar as a pruning guide when cutting large branches. Do not apply growth retardant, fungicide or sealant unless instructed to do so, and remove all suckers by cutting level with the source stem or root.

Where stakes have been used for all standard trees, adjust stakes and ties where necessary in summer and winter. Remove stakes when no longer required, i.e. after 4 years.

SHRUB AND PERENNIAL
Pruning shall be carried out as required to maintain form and vigour, to encourage bushiness and to remove dead, diseased or dying branches / stalks.

Euonymus and Hebe Albicans need to be clipped to a rounded shape with varying height in autumn.

Shrubs and perennials need to be cut back in autumn or spring to encourage growth from the base. Ensure to retain some plants for overwintering insects.

General pruning as required in accordance with good horticultural practice. Clear litter and debris.

BULB
Alliums are generally drought tolerant however, water during periods of drought in April or May. Leave the foliage to die back naturally so that bulbs store as much energy as possible for the following year.

General tidy by weeding and removing any dead or rotten leaves.

GARDEN LAWN TURF
Homeowners to maintain turf areas within their rear gardens following occupancy. Cut turf twice a week in spring and once a week in summer, making sure never to remove more than one third of the current height. All clippings removed and made into compost (if possible).

PLANTING SCHEDULE

Table with columns: Quantity, Abbrev, Botanical Name, Common Name, Specifications, Density or Plant / m², Notes. Includes rows for AcerSW, AmeIRP, AmeISM, and a TOTAL row.

SHRUB / PERENNIAL PLANTING

Table with columns: Quantity, Abbrev, Botanical Name, Common Name, Specifications, Density Plant / m², Notes. Includes rows for AjuBM, AIIPS, EscPE, EuoEG, HebAL, HebCP, LavHi, and a TOTAL row.

GARDEN LAWN TURF TO REAR GARDENS

Table with columns: Mix, Botanical Name, Common Name. Includes rows for Lolium perenne, Poa pratensis, Festuca rubra litoralis, Festuca rubra, and Festuca rubra ssp. commutata.



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This drawing is not intended to show details of foundations, ground conditions or ground contaminants. Each area of ground relied upon to support any structures depicted (including drainage) must be investigated by the Contractor or Structural Engineer. Any suspect or fluid ground, contaminants on or within the ground, should be further investigated by a suitable expert.

For proposed site levels and drainage refer to Architect's or Engineer's drawings.

KEY:

SOFT LANDSCAPE

- NEW TREE PLANTING (circle with dot)
EVERGREEN HEDGE PLANTING (green hatched)
SHRUB / PERENNIAL PLANTING (diagonal hatched)
GARDEN TURF (dotted)

HARD LANDSCAPE

- BLOCK PAVING (blue hatched)
See Architect's Specification

NOTES:

Includes a scale bar from 0 to 10m, a north arrow, and a table of amendments with columns for Date, Description, and Rev.



Project Title: PROPOSED DEVELOPMENT AT 99-101 RESERVOIR ROAD, GLOUCESTER GL4 6SZ

Drawing Title: PROPOSED SOFT LANDSCAPE PLAN

Client: MR IAN WALL

Scale: 1:200 @ A1

Status: PRELIMINARY (Not for Construction)

Date: JUNE 2022

Drawing No.: 1030 - 101

Current Revision: P2