

Landscape Maintenance

It is the responsibility of the site owners to ensure that the Landscape Maintenance is carried out as detailed in the following notes for the life of the development. The following notes relate to the maintenance of the soft landscaping areas as it may be that maintenance of the hard surfacing may not be the responsibility of the Landscape Contractor. If this is the case the contractor responsible for the hard surface maintenance should be advised that the use of residual herbicide is not acceptable. Hard surfaces can be kept weed free by mechanical means and, if necessary, the use of herbicides. During the five year period annual visits by the implementing Landscape Architect should be made to check that all maintenance works are being carried out properly and as detailed.

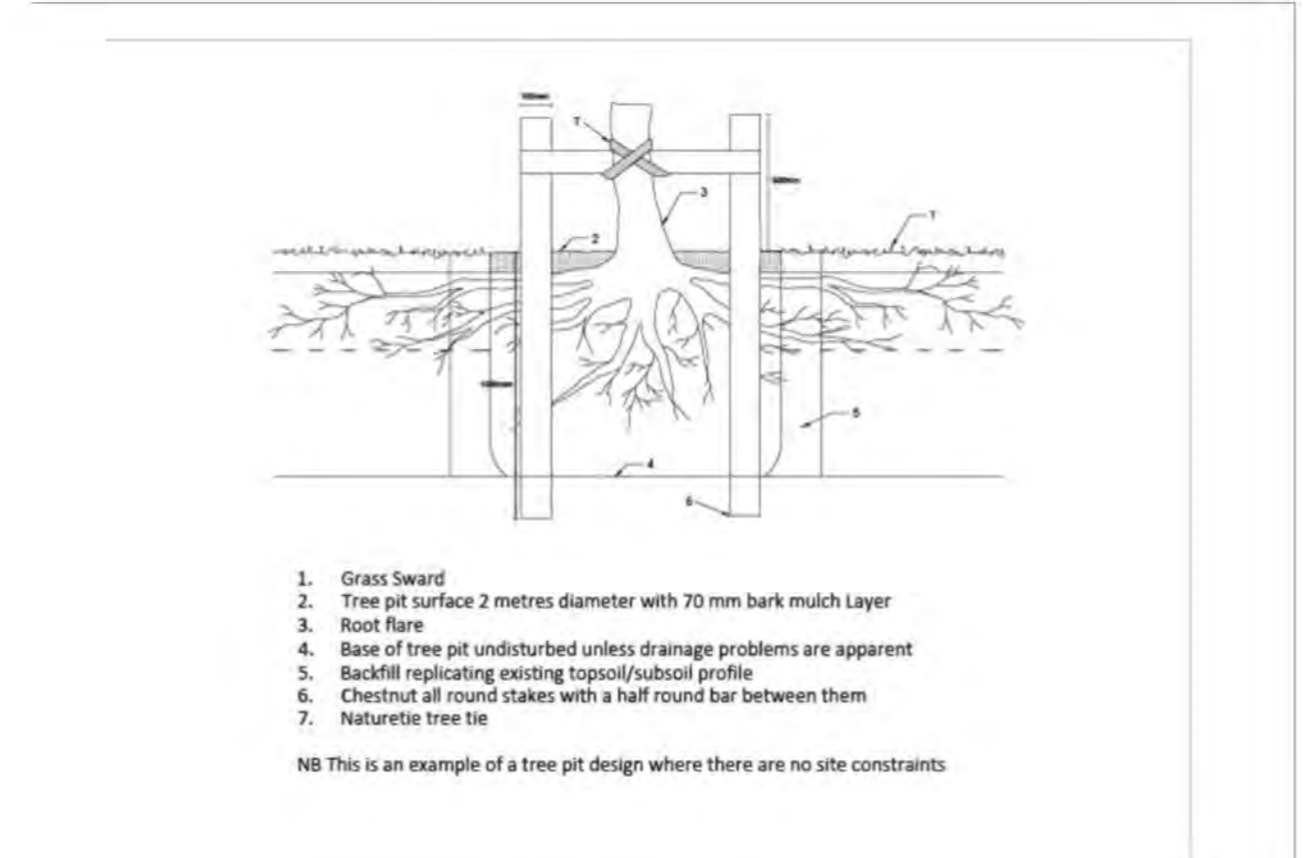
Frequency of visits

December/January/February/March – 1 visit each month.
 April – November – 2 visits each month.
 This schedule of visits may need to be altered if any period of extreme weather occurs such as drought, excessive rain or high wind.
 Further maintenance years 2 – 5
 Maintenance during this period should be as detailed for the establishment period with the following additional details:

- Fertiliser application
 Years two, four: all trees to be given the following rate of Granulated sugar:
 3 grammes per litre per square metre of crown spread
 Years three, five: all planted areas to be fertilised with Sierrablen Flora granular fertiliser at 70g/square metre
 After this period the fertilising regime should be reassessed by the Landscape Architect

Pruning of plants

All pruning should be carried out to maintain the natural shape and form of plants and pruning to 'box' shapes should be avoided.



- Existing planting retained
- Perennial meadow grass. New grassed areas should be cultivated and have the soil raked to a medium tilth and sown with Emorsgate EM3 Meadow Mixture at a rate of 4g/m2 and then trodden in.
 Year 1
 Mow the newly sown meadow grass regularly in the first year of establishment to a height of 40-60mm removing all arisings.
 Year 2 - 5
 Spring cutting in March can be carried out if deemed necessary, the mower should be set high (70-100mm). Weed out or spot treat any perennial weeds which appear. Cut in late July to a height of 40-70 mm, removing all cuttings. Remember to remove all cuttings to gradually reduce the soil fertility and to avoid leaving a thatch which will inhibit the growth of next years flowers. An additional late Summer to Autumn cut can take place if required.
No fertiliser should be applied

- Trees to be planted in positions shown:**
- CP Crataegus x p. 'Splendens' 12-14 45l (Barchams/I Tree Carbon credit score rating C)
 - UL Ulmus 'Lobel' 12-14 45l (Credit score A)
 - BJ Betula ut. jac Doorenbos multi-stem 2.0-2.5m 45L (Credit score B)

Trees to be supplied by Barcham Trees or alternative UK supplier with similar biosecurity protocols also with Plant Healthy Certificate of Conformity

Thoroughly water each tree on completion of planting to expel air pockets and to settle soil around roots.
 Apply at the following rates:
 50 litres per tree.
 The existing topsoil should be used for tree planting with 2.5kg Carbon Gold Tree Soil Improver (BioChar) per tree.

- Indigenous Shrub planting:**
- AC Acer campestre 60-90 5l or OG 1/sq.m

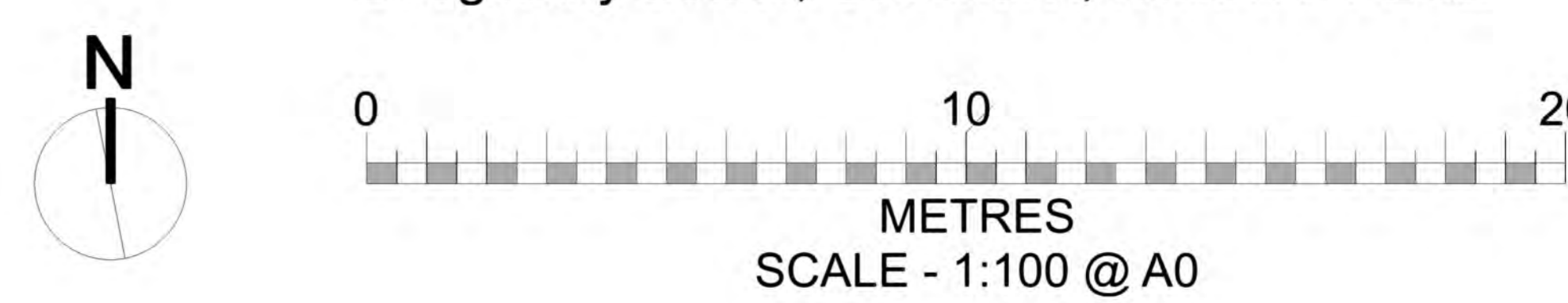
All planted areas to be mulched with 70mm of bark mulch

The original of this drawing was produced in colour – a monochrome copy should not be relied upon.

Project	Shell Solihull
Title	Landscape Planting Plan
Scale	1-100 @ A0
Dwg No.	SY23-358-LPP-23-01
Date	17.11.23
Revision	0
Revision Date	



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- General Reference Documents:**
- British Standards Institution
 - BS 3936 : Specification for Nursery Stock.
 - BS 4428 : 1989 Code of practice for general landscape operations (excluding hard surfaces)
 - BS 3882 : 2015 Specification for topsoil.
 - BS 8545 : 2014 Trees: from nursery to independence in the landscape - Recommendations
 - BS 5837 : 2012 Trees in relation to design, demolition and construction - Recommendations
 - BS 3998: 2010 Tree work - Recommendations
- All works to be carried out in accordance with the recommendations of the British Standards shown above.



Soft Landscape Maintenance Details for Shell Solihull

Establishment Period – 12 months from Practical Completion
 To be carried out by the Landscape Contractor and thereafter by the appointed maintenance team.
Watering Carry out weekly watering during the growing season (April to Oct inclusive) – All the new trees will need approx. 35 litres per week, adjusting for weather conditions. During periods of reduced rainfall all new planting should be irrigated to maintain a moist and healthy root zone. This shall be carried out by hand from a bowser or by hose from permitted water points.
Weed Control All areas of planting must be kept weed free. Inspect mulches on each visit and maintain to a depth of 70mm thereby assisting water retention and suppressing weed growth. Herbicide use should be kept to a minimum particularly in areas of ground cover which should be weeded by hand.
Tree support Check for any sign of wind rocking, frost heave, settlement or human interference and ensure that trees remain stable and secure.
Pruning of shrubs Little pruning of shrubs should be required in the establishment period and after as follows. However any aberrant, uncharacteristic or reverted growth should be removed and all pathways, roadsides and sight lines kept clear.
Protection of planting Visits should be used to observe and where appropriate obstruct any desire paths that may appear or alternatively manage them in a constructive way. Also areas that show wear or erosion at the periphery should be restored and if required protected by temporary fencing.
Pests and Diseases On each visit inspect for any sign of disease, pest infestation or damage by vermin and take appropriate control measures if required.
Litter Litter picking in both planted areas and hard surfaces should be carried out on each visit.
Plant failures On each visit note should be taken of any dead or missing plants and these replaced before the end of the current year for a five year period.
Grass cutting As detailed opposite.