

Planting Plan
1:500 @ A1



PLANTING NOTES
PREPARATION PRIOR TO PLANTING

- Before commencing works, the Landscape Contractor is responsible for checking for below ground services in the vicinity of the planting works. Give notice of any that may be affected and obtain instructions before proceeding.
- All planting beds to be bare ground, free of grass, weeds, removing all litter debris and stones. Apply approved herbicide, leave for a minimum of 14 days. Remove all arising's from Site.
- All container plants to be well watered in their container prior to planting
- No planting should occur when the ground is frozen or water logged.
- Planting areas to have a 450mm depth of topsoil (topsoil to BS 3882:2007). Before laying topsoil, lightly cultivate and loosen the surface a minimum of 300mm. To create a 'key' for the new topsoil.
- Plant materials to conform to National Plant Specification. All plants to originate within the UK. Planting operations to be in accordance with BS 4428 : 1989.

GENERAL PLANTING NOTES

- New tree planting in grass areas to be in a 0.6m radius, weed free circle.
- All shrub planting is to be planted in to a weed free bed a minimum 100mm wider than the planting area, plants to be set 100mm back from any fence, wall or kerb edge.
- Planting pits to be dug to a minimum depth of 1000mm for trees and 300mm for shrub planting. The sides of all pits are to be loosened avoiding smooth sides.
- Ornamental planting to be planted species groups of 3 and 5 to create a natural and organic layout.
- All plants to be thoroughly watered in immediately after planting
- All planting beds to be thoroughly mulched with Natural Bark to a lightly consolidated depth of 75mm, in accordance with PAS 100:2005.

5 YEAR ESTABLISHMENT MAINTENANCE OF NEW PLANTING :

- During the 5 yr establishment period visit at eight weekly intervals from April - December to carry out the following to planting areas:
 - Control weed growth. Maintaining a weed free area around each plant during the first few years will allow quick establishment of the plants and reduce the likelihood of dieback.
 - Prune dead and broken branches/shoots
 - Check stakes and ties. Adjust or replace as necessary
 - Litter picking of beds

WEED CONTROL IN GRASS AREAS :

- The weed free areas to be maintained as weed free for the first 5 years following planting with mulch woodchip material, all areas topped up to maintain a 75mm depth for the maintenance period. Occasional spraying with a contact herbicide in accordance with the manufacturers instructions may be required.

WATERING :

- The proposed planting has been specified to be contextually appropriate species that following the establishment period will thrive without imigation and will continue to do so in those conditions likely as a result of climate change, typically warmer and drier conditions. However, during the first year after planting it may be necessary to water all plants in prolonged periods of dry weather. This usually occurs during May - September only. All planting areas should be watered to field saturation using clean fresh water on a weekly basis.

REPLACEMENTS WITHIN FIVE YEARS :

FAILURES OF PLANTING DURING THE FIRST FIVE YEARS

- General: Any plants that fail to thrive in the first year will be replaced. All Standard Trees and Specimen Shrubs that have failed to thrive during the first 5 years will be replaced. Replacements: To match original specification. Timing of making good: During the next suitable planting season.

REMOVAL OF STAKES AND TIES :

- All tree stakes should be removed at the end of years 3-5 following planting.

FORMATIVE PRUNING OF TREES

- Prune to shape young trees, but don't cut back the leader.
- Remove crossing branches and branches that grow back towards the centre of the tree.
- As young trees grow, remove lower branches gradually to raise the crown, and remove branches that are too closely spaced on the trunk.
- Remove multiple leaders on evergreens and other trees where a single leader is desirable.

Key:

Ornamental Mix 1

Name	Mix	Container size	Density per m2
Liriope Muscari	25%	3L	0.35
Calamagrostis acutiflora	10%	10L	0.6
Aster novi - belgi	10%	5L	0.45
Hebe 'Red Edge'	10%	3L	0.45
Stipa tenuissima	10%	5L	0.45
Perovskia atriplicifolia	10%	10L	0.75
Bergenia cordifolia	25%	3L	0.35

Wildflower mix
ELT - Flowering Lawn Mixture (Emorsgate seeds)

Ornamental Mix 2

Name	Mix	Container size	Density per m2
Viburnum opulus	5%	10L	1
Rosa canina	30%	5L	0.45
Cornus alba	30%	5L (40-60cm high)	1
Geranium cranesbill	30%	2L	0.45
Viburnum bodnantense	5%	10L	1

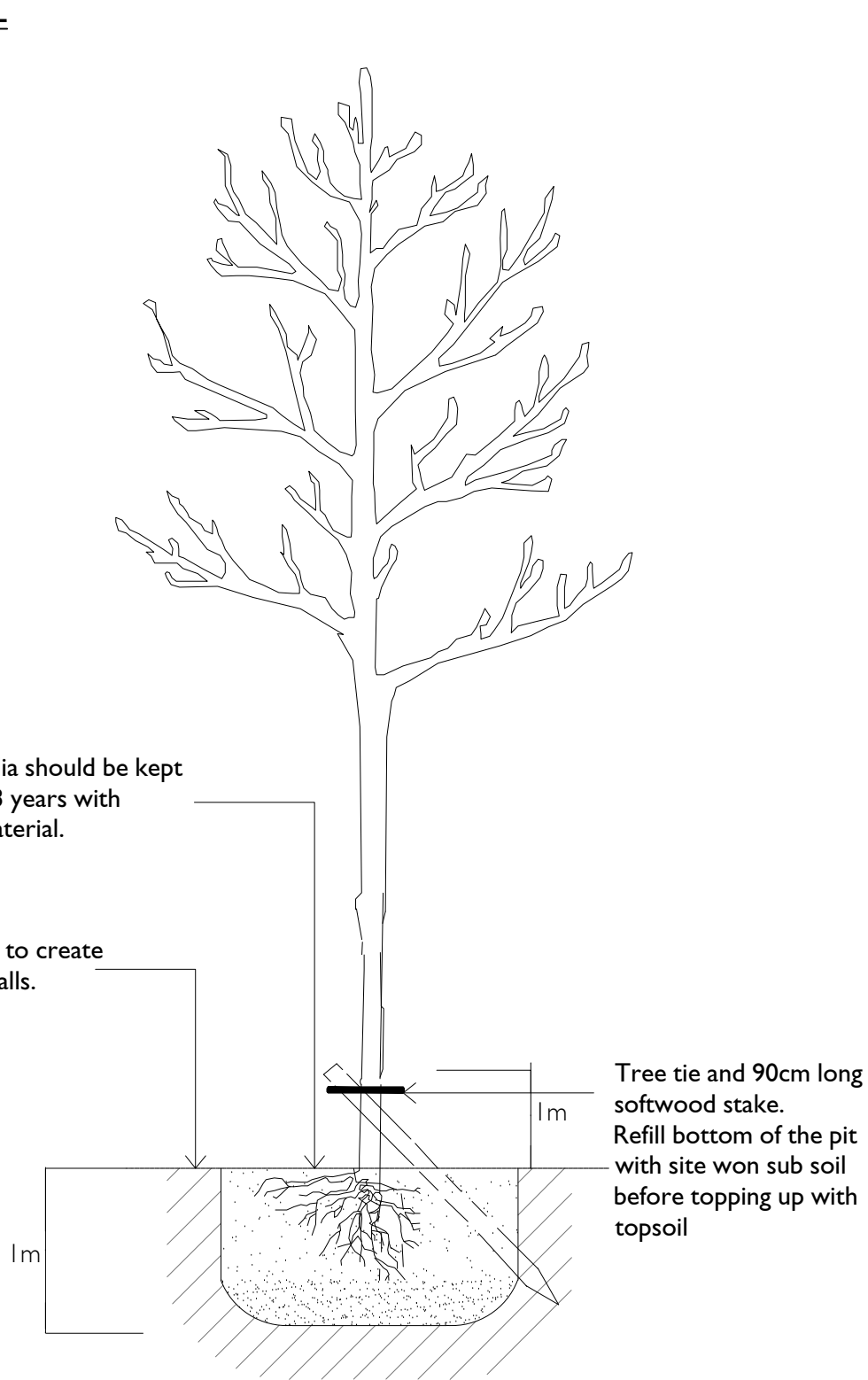
Trees

Name	Form	Container
LtF - Liriodendron tulipifera fastigiata	Standard 300-350 cm	45 L (C)
G - Ginkgo biloba	Standard 300-350cm	45 L (C)
Ps - Prunus serrula	Standard 300-350cm	45 L (C)
Ps (m) - Prunus serrula - multi stem	Multi stem 300-350cm	45 L (C)

TREE STAKING DETAIL
(Not to scale)

A minimum 1m dia should be kept weed free for 2-3 years with organic mulch material.

Break up all sides to create penetrative pit walls.



Tree tie and 90cm long softwood stake. Refill bottom of the pit with site won sub soil before topping up with topsoil



Ornamental Mix 1



Ornamental Mix 2



Wildflower mix



Liriodendron tulipifera fastigiata



Ginkgo biloba



Prunus serrula



Prunus serrula - multi stem

- NOTES:
- This drawing is the copyright of Ryder Landscape Consultants. It must not be copied or reproduced without written consent.
 - This drawing is to be read as part of a full Landscape Drawing Package in conjunction with all the relevant surveys alongside the Architectural and Engineering drawings.
 - Only signed dimensions are to be taken from this drawing. Dimensions should not be scaled from this drawing, as scaling of this drawing cannot be assured.
 - All dimensions are to millimetres unless specified otherwise.
 - All contractors must visit the site and be responsible for taking and checking all dimensions, services and setting out related to the works shown on this drawing.
 - All coordinates are set to dimensional points to enable easy cross referencing on site.
 - All setting out points are to be verified on site and any discrepancies should be clarified by the Landscape Architect.
 - Hatching is not a technical representation of surface patterns, contractors are to follow the line of direction specified on drawings. Where no line of direction is given contractor to contact Landscape Architect before laying.
 - All levels should be checked on site and conflicts reported to the design office.
- ...If in doubt ask

FOR PLANNING

PI	SM	RF	180723	First Issue
Rev	Drawn	Checked	Date	Description



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Client

Coleg Cambria

Project

Yale Campus Redevelopment

Drawing Title

Planting Plan

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