

Tree Planting Schedule

No.	Species Name	Specification	Girth	Height
1 No.	Acer griseum	C- Multi-Stemmed		3.5-4.0m
1 No.	Amelanchier grandiflora 'Robin Hill'	RB - Selected Standard		10-12cm
1 No.	Apple 'Discovery'	RB - Standard - Clear Stem 120-130		
1 No.	Apple 'Pixie'	RB - Standard - Clear Stem 120-130		
1 No.	Apple 'Sunset'	RB - Standard - Clear Stem 120-130		
1 No.	Magnolia kobus	RB - Selected Standard		10-12cm
1 No.	Prunus cerasifera 'Pissardi'	RB - Heavy Standard		12-14cm
3 No.	Quercus robur 'Fastigiata Koster'	RB - Extra Heavy Standard		16-18cm
Total: 10 No.				
Key Schedule				
RB=Rootballed				
C=Container Grown				

Landscape Specification

General Notes:

It is the contractor's responsibility to check for services in this area before groundworks commence. Please refer to Project H&S file for specific site risks.

All materials and installation to be undertaken in line with best horticultural practice and in accordance with guidance set out in British Standards specified relevant to this note and current at time of installation. All landscape works to be undertaken by competent persons, with appropriate training and equipment. All plants should be grown and sourced in the UK and should be supplied from a nursery approved in advance by the landscape architect. Any substitutes to be agreed prior to ordering.

All arisings to be removed from site at contractor's expense unless noted otherwise.

Growing Medium / Soil Depths

All topsoil and subsoil used in planting areas to be accordance with British Standard BS3882:2015 and BS8545:2014. Soil analysis of all imported / onsite material to be approved by the landscape architect in advance of works.

Topsoil Heaps should be agreed with the site manager and stored no deeper than 2 metres to retain aeration and friable / dry properties prior to cultivation. Use a tracked machine to for heap and protect from wet weather once final height is achieved.

Ameliorants including all composts, mulches and soil conditioners used in planting should be peat-free. The use of pesticides (herbicides, insecticides, fungicides and slug pellets) should be discouraged to prevent harm to wildlife. Any pesticides used should be non-residual.

Planting beds should be suitably cultivated and ripped to allow aeration and avoid waterlogging. Topsoil should be friable and the depth should not exceed 300mm. Topsoil varies depending on the planting type: 300mm for tree planting, 300mm shrub planting, 150mm for amenity grass/turf and 50mm for wildflower seeding to aid germination.

Suitable (loosened) subsoil should provide the remainder of the minimum rooting depth to achieve an overall depth of: 900mm for tree planting, 600mm shrub planting, 450mm for amenity grass/turf. Prior to spreading topsoil, the receiving area should be decompacted to increase permeability.

Planting

Trees and shrubs to be in accordance with NPS / BS 3936 British Standard BS 3936-1, Nursery Stock Specification for Trees and Shrubs. Avoid planting during period of hard frost and ensure all field grown (bare root / rootball) stock is planted inside the planting season typically November to March. Container Plants can be planted throughout the year subject to the right conditions and ensure all plants are suitably watered during dry periods.

Planting Trees

All tree should be provided with adequate space for future root growth. Where possible this should be through natural soil conditions or by using a proprietary structural tree soil / root cell system. Refer to Tree Pit Details, where provided.

Unless shown otherwise; tree pits to be 300mm larger than the rootball on all sides. Where necessary include a 100mm layer of horticultural grit to base of trench to aid free drainage prior to backfilling with the approved subsoil / topsoil layer to the field grown/nursery height. Where the ground conditions result in the base of the tree pits being compacted or not free draining, pits and trenches will require positive drainage to all trees to thrive.

Tree Support and Accessories

Unless stated otherwise all tree should be provided with suitable supports and biodegradable tree tie as set out below:

- Standard Trees - Single Stake
- Heavy - Extra Heavy - Double Staked
- Extra Heavy to Semi Mature - Triple Staked
- Semi Mature - Proprietary underground guying.

All trees to be planted with proprietary aeration/irrigation pipe installed to manufacturers recommendations. Trees planted in formal grass / lawn areas to include 1m diameter bare circle and bark mulched to a depth of 75mm to avoid strimmer damage to trunk / water demand.

Root Barriers

Linear root barriers are to be installed in locations confirmed by the project engineer to protect services/surface treatments as required. Root barriers should be set min. 1.2m from the center of the trunk and set as close to the surface as possible. Linear root barriers should be installed to the manufacturers guidance, using a min. 600mm depth root barrier to protect adjacent surfaces. Where root barriers are for the protection of services or below ground attenuation, the root barrier should extend 300mm lower than the invert level of services. For details of services and any specific requirements, refer to engineer's drawings.

Planting Shrubs - to be planted in prepared beds, back filled and firmed to nursery level. All plants to be set min 300mm from building/wall facades to enable access. Where turf abuts a building façade, a 300mm gravel strip should be provided (not drawn).

Planting Formal Hedges - To be planted in double staggered rows (unless otherwise specified) along either side of a central timber post and 3 wire fence to aid establishment (unless adjacent to an alternative boundary treatment).

After planting all trees and shrubs are to be well watered, lightly firmed, mulched with 75mm of medium grade FSC certified bark mulch ensuring no damage to the plants. Rabbit proof fencing or spiral/canes may be required to protect the establishment of the plants. Turfing to occur in April-May or September-October subject to suitable weather conditions. Once planted all areas must be kept adequately watered to ensure establishment and all areas must be kept weed and litter free at all times.

Implementation Programme

Unless agreed otherwise all planting to be undertaken in the first available planting season following construction of the adjacent building.

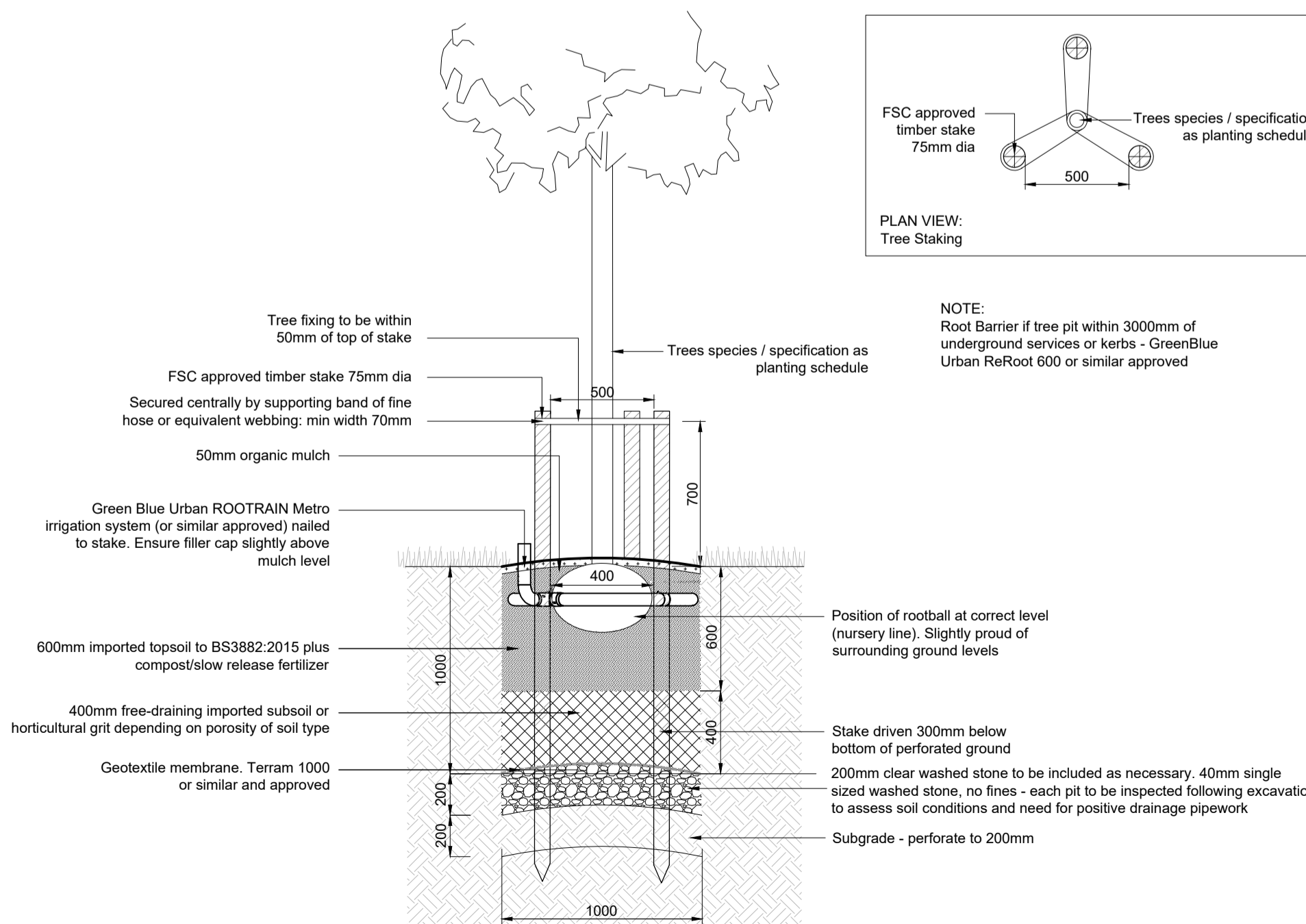
Management and Maintenance (Refer to Supporting Landscape Management Plan, where provided).

Establishment - Trees and shrubs will be watered to ensure they thrive through dry weather and re-firmed after strong winds or frost heave

Annual Maintenance - Trees and Shrubs - Tree ties to be adjusted, to be checked for damaged branches/stem and pruned in accordance with good horticultural practice, where they have died or failed to thrive they will be replaced, incorporate a slow release fertilizer as per manufactures rates, topping up mulch to ensure 75mm depth.

Defects period to be instructed for planting works to ensure replacement of dead/dying planting stock (with same sized specimens) within subsequent planting season. Defects periods recommended: min two year defects period for tree planting, min one year defects period for shrub/herbaceous planting and min 6 months for wildflower/grassed areas.

- All planting works to conform to BS 4428:1989; Code of Practice for General Landscape Operations (Excluding Hard Landscape Operations).
- All maintenance operations to conform to BS 7030:1993 Part 4 1993; Recommendations for Maintenance of Soft Landscape (Except Amenity Turf).



01 Typical Tree Pit Detail on soft landscape
L02 1:20 @ A1

NOTES:

1. This drawing is to be read in conjunction with all relevant contract drawings and specifications with any conflicting information to be brought to the attention of Deacon Design before works commence on site.
2. Do not scale from this drawing, (except for planning application purposes only) always work to noted dimensions.
3. All given dimensions in mm.

KEY

- Application Site boundary
- Existing trees to be retained. Redline denotes Root Protection Area (RPA) to be read in accordance with BHA Trees Ltd - Tree Survey Report
- Proposed Tree Planting / Hierarchy
Large Tree (10> metres from building)
Street Tree (7> metres from building)
Small / Garden Tree (3> metres from building)
- Proposed specimen shrub planting
- Wall shrubs / climbers
- Proposed amenity turf - Rolawn Medallion or similar approved
- Proposed artificial grass to central courtyard
- Proposed native / ornamental planting
- Proposed formal hedgerow
- Proposed formal hedgerow clipped to define private terraces
- Proposed low hedge planting

Note: To be read in conjunction with DD411X01_Outline Planting Schedule

FINAL

DATE	DRAWN	DESCRIPTION OF REVISION	REVISION LETTER	CHECKED BY
01.07.21	MM	Amendments following planners comments	B	PD
25.01.21	MM	Amendments following comments. Final Layout	A	PD

FOR PLANNING

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PROJECT TITLE	
Welwyn Garden City Care Home	
PROJECT NUMBER:	PLOT DATE:
DD411	06.01.21
DRAWING SCALE:	APPROVED BY:
1:200	PD
PAPER SIZE:	DRAWN BY:
A1	MM
DRAWING TITLE	
Planting Strategy Plan	
-	
DRAWING NUMBER:	REVISION LETTER:
DD411L02	B
DRAWING FILE LOCATION	
Z:\Dropbox (Deacon Design)\Autocad\Landscapes\DD411\BROADWATER ROAD, WELWYN GARDEN CITY\04-Drawings\Autocad\Landscapes\DD411L02_Planting Strategy Plan.dwg	