



OUTLINE SPECIFICATION

Refer to schedules for plant sizes, form, support and treepit dimensions

Treepit dimensions: Formation depth as schedules
300mm depth topsoil over 450/ 600mm depth free draining subsoil
Plant Beds: 300mm depth topsoil over 400mm depth of subsoil
Amenity and Turf Grass Areas: Do not disturb existing grass areas/
150mm depth topsoil over 400mm depth of subsoil
Wildflower & Grass Areas: Cultivate for seeding directly onto subsoil. Do not spread imported or stockpiled topsoil.
The CA to inspect and approve areas where topsoil can be placed directly onto undisturbed clean site subsoil.

Subsoil shall be in accordance with BS8601, sourced from soils below the topsoil layer with minimal organic matter and consist of a mix of clay and stone. No construction fill shall be evident in this layer.

Imported topsoil shall be in accordance with BS3882:2015.
"Multi-Purpose" grade as supplied by Freeland Horticulture or otherwise approved. Tel:01322-619161

Remove objects greater than 75mm in size from the topsoil and cart away.

Provide an analysis of imported/ stockpiled topsoil with recommendations for making good any deficiencies. Provide details of the source and a 1kg sample of imported topsoil for approval by the Landscape Architect.

TREES
Tree Inspection
Trees to be selected by the Landscape Architect at the grower's nursery.

Triple staking: 3No. 75mm diam. x 1800mm long stakes set equidistant around the tree rootball. Top of stake 800mm above ground level. Tree tied to each stake with 25mm wide neoprene straps and 300mm long rigid plastic sleeves.

Oblique staking: Single 75mm diam. x 1800mm long stake set at 45 degrees in North East direction and fixed to stem with single spacer and 38mm wide neoprene strap

Underground Guying (Unit 2: Trees within paving)
Install 2 sets of timber collars, one above and one below the rootball.
Timber collar: 4No. 100 x 25mm x 750mm long untreated softwood boards bolted together
Prior to backfilling with topsoil, strap the collars together and tighten with 3mm multistrand wire. Provide gripples to tension the wire. Anchor the lower collar into firm ground with 4No. 300mm long metal pins, ensuring the tree is set vertical.

Root Preparation
Trees to be rootballed for planting between November and March inclusive.
All trees to be container grown or containerised for planting between April to October inclusive.

Tree Irrigation
Install 70.0 litre capacity slow release hydration bag to each tree, as "Tree Irrigator Bag" supplied by Green-Tech or similar.

Install 75mm diameter land drain to completely surround the rootball of each tree with one end exposed above the mulch.

SHRUB SELECTION
Do not deliver onto site any substitution of species, cultivar, plant size or container volume other than described in the Plant Schedules without prior approval from the Landscape Architect. The Contractor shall submit a list of possible alternatives beforehand for agreement by the Landscape Architect.

SHRUB PLANTING
Refer to schedules for container grown or bareroot shrubs. Bareroots to be planted between November and March inclusive. For all shrubs and transplants, backfill 300 x 300 x 300mm deep plant pit with 1 part Green-Waste compost and 5 parts topsoil thoroughly mixed before backfilling.

BAREROOT / TRANSPLANT PLANTING
Bareroot plants only to be planted between November and March inclusive. Substitute for container grown stock if planted outside the planting season.

Shrubs planted into graded and cultivated subsoil within 30 x 30 x 30cm deep plant pits backfilled with imported/ stockpiled topsoil mixed with an approved Green-Waste compost at a rate of 3Kg per cu.m. Conditioner must be mixed with topsoil prior to backfilling plant pits.

All bareroot trees and shrubs to be dipped in mycorrhizal fungi slurry as Mycorrhiza Rootgrow Professional supplied by Green-Tech (www.green-tech.co.uk), or similar approved. Mix 2 sachets of Root Dipping Gel with 60-80 litres of water and add granules as instructions. Dip whole root system prior to planting. Allow for suitable containers to be located close to the planting areas.

MULCH
50mm thick 35-75mm size bark mulch cover to all exposed topsoil within plant beds. 14% maximum wood content permitted. Provide a sample to the Landscape Architect prior to delivery.

GRASS AREAS
A general pre-seeding fertiliser shall be applied to the soil between 3 and 5 days before laying turf or sowing seed and incorporated into the top 25mm of tilth at a rate of 70gms/sq.m

Turf Grass: Lay ornamental quality turf grass. Turves shall be in accordance with BS3969, "Recommendations for turf for general landscape purposes".

Wildflower & Grass Mix:
No pre-seeding fertiliser to be applied.
"EM2" Meadow Grass Mixture sown at a rate of 5 grams per sq.m, as supplied by Emorsgate Seeds (01553-829028 / www.wildseeds.co.uk)

CYCLE SHELTER GREEN ROOFS
25mm thick Sedum blanket, as supplied by www.sky-garden.co.uk, laid on a 60mm deep lightweight substrate spread onto a filter fleece and separated from a 20mm thick drainage board on protection fleece. Allow for 300mm wide gravel border around the edge of the roof structure laid flush to top of blanket.

WATERPOINTS
2No. Waterpoints to be installed to meet the local Water Authority requirements: to be provided with a stop cock double non-return valve (double check valve), check valve and bib tap, as 25mm coupling set 300mm above ground level with isolation valve within a lockable galvanised metal box on concrete foundation.

MAINTENANCE
Defects Period for 52 weeks following Practical Completion.
Allow for 17 maintenance visits for watering, cutting, weeding, pruning and litter collection.

PROTECTION OF EXISTING TREES
Provide temporary protective fencing to be erected following treeworks and prior to demolition and construction works. To be removed on completion of paving construction. No materials to be stored within the fenced areas:
1.8m high weldmesh panels fixed by clamps to 2.4m long scaffold tubes rammed into the ground between each panel

PLANT SCHEDULES

TOTAL	TREES	SIZE (girth)	FORM	SUPPORT	TREEPIT
4	Acer campestre	16-18	Feathered	Oblique	1.0x1.0x0.75m deep
4	Pyrus "Chanticleer"	18-20	Clear Stem	U/gd guy	Refer to detail
3	Sorbus intermedia "Brouwers"	20-25	Clear Stem	Triple	1.2x1.2x0.9m deep
3	Tilia cordata "Streetwise"	25-30	Clear Stem	Triple	1.2x1.2x0.9m deep
TOTAL	SHRUBS	SIZE (cm)	POT (litre)	COMMENTS	
21	Amelanchier lamarckii	80-100	10.0	Minimum 5 basal breaks	
12	Cornus alba "Spaethii"	60-80	5.0	Minimum 5 basal breaks	
70	Euonymus "Emerald n'Gold"	20-30	3.0		
86	Hebe "Great Orme"	30-40	3.0		
28	Hebe "Mrs. Winder"	30-40	3.0		
66	Hedera helix "Green Ripple"	40-60	3.0	Minimum 3 basal breaks	
106	Hypericum androsaemum	30-40	3.0		
64	Hypericum calycinum	30-40	3.0		
55	Ilex aquifolium	40-60	2.0	Fully furnished with laterals	
20	Lonicera "Maygreen"	30-40	3.0		
16	Mahonia pinnata	60-80	10.0	Bushy plants	
6	Pittosporum "Gold Star"	40-60	5.0		
44	Pittosporum "Golf Ball"	30-40	3.0		
44	Prunus "Cherry Brandy"	30-40	3.0		
32	Prunus "Rotundifolia"	60-80	5.0	Hedge plants	
98	Prunus lusitanica	40-60	3.0	Hedge plants	
174	Viburnum davidii	30-40	3.0		
TOTAL	TRANSPLANTS	SIZE (cm)	TYPE	COMMENTS	
70	Acer campestre	60-80	1+1	All transplants to be fully	
30	Cornus sanguinea	40-60	1+1	furnished with laterals,	
70	Corylus avellana	40-60	1+1	or grown as Bushy plants	
80	Crataegus monogyna	60-80	1+1		
20	Euonymus europaeus	40-60	1+1		
300	Fagus sylvatica	60-80	1+1	Hedge plants	
70	Viburnum lantana	40-60	1+1		

Refer to Drawing: 916.12.02 "Unit 2 - Trees within paving"

HORTON ROAD, WEST DRAYTON

PLANTING LAYOUT

Scale 1:250 @ A1 Date JULY 2025

Drawing Revision