

PLANTING SCHEDULE

Number	Species	Height	Specification	Quantity
1	Acer campestre	14-16cm	RB Extra Heavy Standard	1
2	Acer platanoides 'Emerald Queen'	14-16cm	RB Extra Heavy Standard	1
3	Alnus glutinosa	14-16cm	RB Extra Heavy Standard	1
4	Betula pendula	14-16cm	RB Extra Heavy Standard	1
5	Prunus avium	14-16cm	RB Extra Heavy Standard	1
6	Prunus padus	14-16cm	RB Extra Heavy Standard	1
7	Sorbus aria	14-16cm	RB Extra Heavy Standard	1
8	Sorbus aucuparia	14-16cm	RB Extra Heavy Standard	1
9	Tilia europaea	14-16cm	RB Extra Heavy Standard	1
Total: 12				

Number	Species	Height	Pot Size	Specification	Density
19	Bergenia cordifolia	20-30cm	SL	C	4m ²
34	Choisya ternata	40-60cm	SL	C	3m ²
110	Choisya ternata 'White Dazzler'	40-60cm	SL	C	4m ²
32	Geranium macrorrhizum 'Ingwersen's variety'	30-40cm	SL	C	4m ²
50	Hebe buxifolia	30-40cm	SL	C	4m ²
174	Hydrangea arborescens 'Annabelle'	40-60cm	SL	C	3m ²
59	Lonicera pileata 'Maygreen'	40-60cm	SL	C	4m ²
62	Miscanthus sinensis 'Ferner Osten'	SL	C	5m ²	
8	Perovskia 'Blue Spire'	SL	C	4m ²	
31	Potentilla fruticosa	40-60cm	SL	C	3m ²
23	Stipa tenuissima	SL	C	6m ²	
28	Viburnum davidii	40-60cm	SL	C	4m ²
Total: 508					

Number	Species	Height	Specification	Percentage Contribution
152	Acer campestre	60-80cm	B	10%
152	Corylus avellana	60-80cm	B	10%
600	Crataegus monogyna	40-60cm	B	40%
77	Ilex aquifolium	40-60cm	B	5%
15	Prunus spinosa	40-60cm	B	15%
152	Rosa canina	60-80cm	B	10%
152	Sambucus nigra	60-80cm	B	10%
Total: 1511				

Number	Species	Height	Specification	Density	Percentage Contribution
40	Achillea filipendula 'Cloth of Gold'	C	6m ²	5%	
40	Artemisia maritima	C	6m ²	5%	
40	Aster laevis 'Bluebird'	C	6m ²	5%	
40	Bergenia cordifolia	C	6m ²	5%	
40	Carex buchananii	C	6m ²	5%	
40	Deschampsia caespitosa	C	6m ²	5%	
40	Geranium macro 'Ingwersen's Variety'	C	6m ²	5%	
27	Hydrangea arborescens 'Annabelle'	60-80cm	C	4m ²	5%
40	Juncus effusus	C	6m ²	5%	
40	Koeleria 'Firefly'	C	6m ²	5%	
40	Miscanthus sinensis 'Ferner Osten'	C	6m ²	5%	
34	Osmunda regalis 'Cristata'	C	3m ²	5%	
40	Perovskia 'Blue Spire'	C	6m ²	5%	
20	Pinus mugo 'Mughus'	60-80cm	C	3m ²	5%
27	Rosmarinus officinalis	C	4m ²	5%	
40	Rudbeckia 'Goldsturm'	C	6m ²	5%	
40	Stipa gigantea	C	6m ²	5%	
40	Verbena bonariensis	C	6m ²	5%	
20	Viburnum plicatum 'Mariesii'	C	3m ²	5%	
Total: 728					

Native Hedge

Number	Species	Height	Specification	Percentage Contribution
152	Acer campestre	60-80cm	B	10%
152	Corylus avellana	60-80cm	B	10%
600	Crataegus monogyna	40-60cm	B	40%
77	Ilex aquifolium	40-60cm	B	5%
15	Prunus spinosa	40-60cm	B	15%
152	Rosa canina	60-80cm	B	10%
152	Sambucus nigra	60-80cm	B	10%
Total: 1511				

Hedge planting to be established in double staggered rows, 300mm between rows, plants equally spaced with five plants per linear metre.
 Rain Garden plants to be established in single species groups of between 7 and 11.

Tree planting to be double staked using 75mm diameter pointed softwood stakes treated with Tanalith E Class 4.0. Stakes to be driven into ground 1500mm below finished soil level and be 600mm above ground. Trees to be secured to stakes using adjustable rubber tree ties.

GreenBlue Urban ReRoot 1000 root barrier system within 6M of all service locations installed in compliance with manufacturers installation instructions.
 GreenBlue Urban Root Rain urban irrigation system RRURB1.

1 x 1 x 1m tree pit backfilled firstly with site won subsoil (700mm) and then site won or imported topsoil (300mm). Topsoil to BS3882 thoroughly mixed with Melcourt Topgrov Planting Compost in ratio 2:1 as specified. Include for Erimag slow release fertiliser at 100gms per pit, and backfill in 150mm layers firming in before next layer is added. Break up bottom of pit 200mm deep and sides where root barrier is not installed.

Typical section through tree pit / hedge / shrub planting / grass.
 Scale 1:25

Planting Specification

All work and materials shall be in accordance with current British Standards components and to Code of Practice.

SITE CLEARANCE

- a. Remove general builders rubble, litter and any stones greater than 75mm in size from the areas to be planted. Such materials are to be collected and taken to the Contractors tip or disposed of on site as directed.

EARTHWORKS

Planting Areas

- a. Approved topsoil, both site won and imported, shall be led onto site and spread evenly on the approved formation to give a finished depth of 150mm for grassed areas, 450mm for shrub planted areas and 1000mm depth for tree pits. All topsoil to be placed on a minimum of 300mm depth of subsoil.
- b. Finished levels of topsoil in grassed areas to be 25mm above adjoining paving. Finished level of topsoil in shrub beds to be 50mm lower than adjacent edge to allow placing of bark mulch.
- c. Supply and spread approved fertiliser such as SAI Enmag or similar standard at the rate of 70g/m² to be worked into top 200mm.

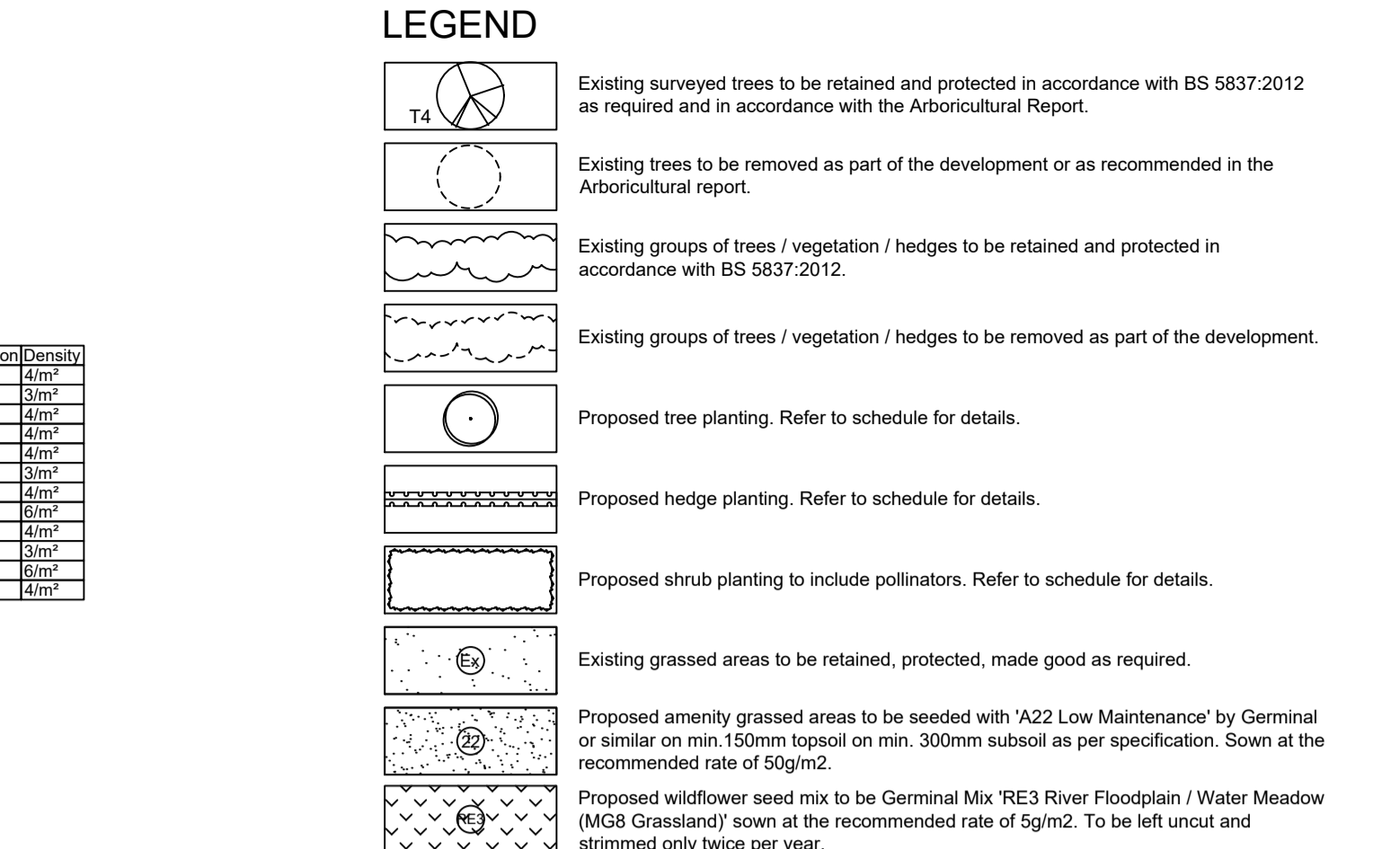
CULTIVATIONS AND PLANTING

Planting Areas

- a. Shrub beds shall be cultivated prior to planting to produce a medium tilth and all weeds, stones and other debris arising from this work are to be collected and removed from site.
- b. Spread approved tree and shrub planting compost over the planting beds at a rate of 20 litres/m² and work into the top 200mm.
- c. Shrubs to be sited in locations, numbers and densities shown in the planting schedule and on the soft landscape drawings. Shrubs to be placed to achieve an even spacing and matching of shapes. All shrubs are to be planted at the depth at which they have previously been growing, allowing for soil settlement after planting.
- d. Surfaces of shrub planting areas shall be left clean and neat with a raked surface between the planting during and on completion of planting.
- e. Immediately after planting all containerised plants shall be watered with 5 litres of water per plant.
- f. All grass edges to be cut vertically with an edging iron to a depth of 100mm. Resultant edges to be clean and straight or an even smooth radius. Edges to be left neat and tidy with ground on shrub side meeting cut face at an even gradient. All cuttings to be removed from site.
- g. A 50mm layer of matured conifer bark to be spread over planting areas and tops of tree pits, at least 75% of which shall exceed 60mm particle size and shall contain a minimum of wood particles, the bark is to be pest, disease and weed free.

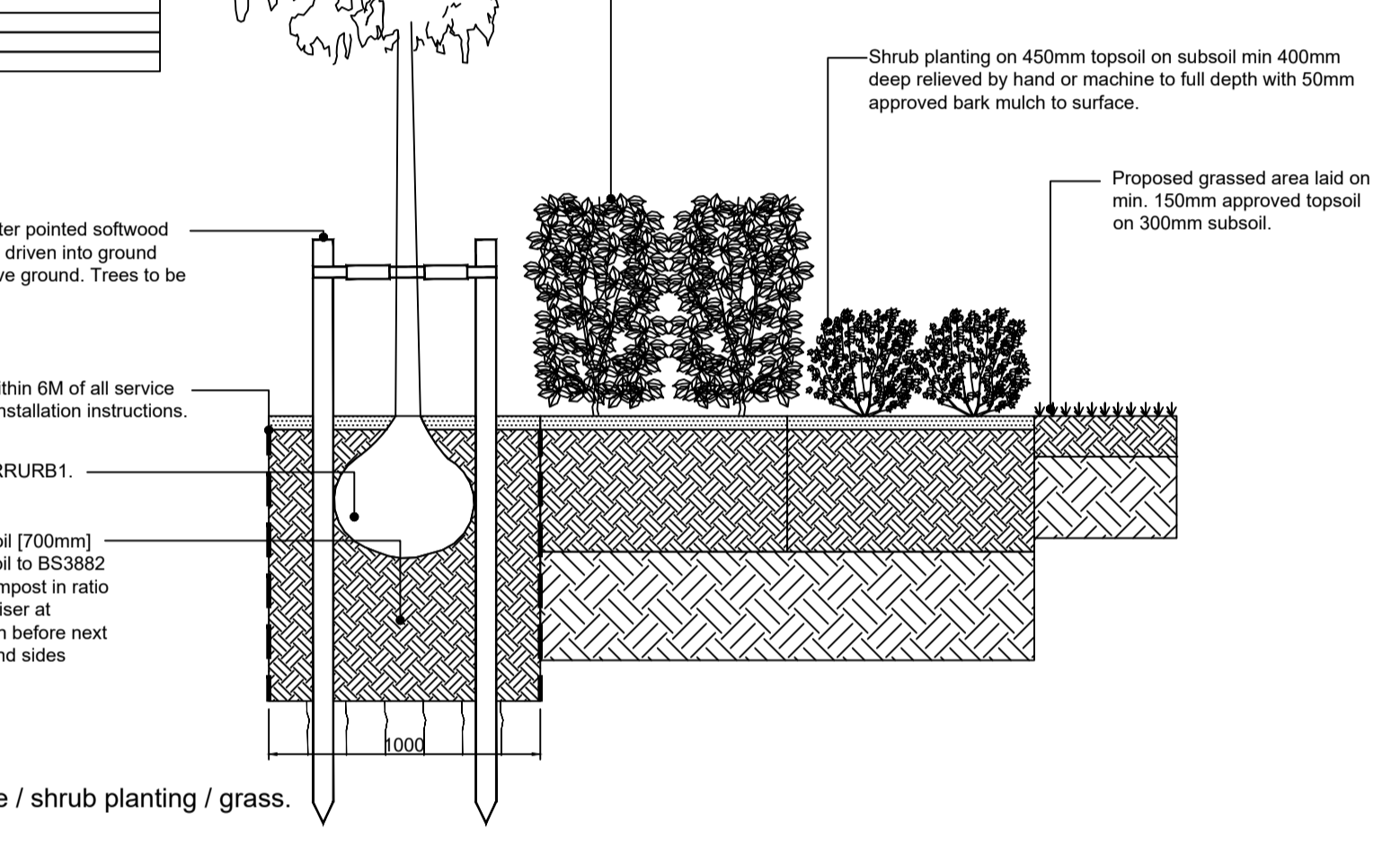
Tree Planting - Planting Pits

- a. Excavate tree pits as follows:
 - Standard / Feathered trees - 1000 x 1000 x 1000mm
 - Semi-mature trees - 1500 x 1500 x 1000
- b. Loosen base to a further depth of 200mm and scarify sides. Dispose of unsuitable excavated material off site to approved pit.
- c. Trees to be double staked with stakes positioned parallel to the adjacent kerb line or paving. Tree stakes to be pressure treated, minimum diameter 65mm and pointed at one end. Stakes to be driven into the pit before planting to a minimum depth of 300mm below the base of the pit.



Notes about birds breeding season and tree removal:
 It is recommended that vegetation which needs to be removed is done prior to the bird breeding season, [1st March to 31st August]. If this is not possible within this period, the vegetation removal should be carried out under the supervision of an Ecologist.

If birds are found to be breeding in the vegetation which needs to be removed then vegetation removal in the area surrounding the nest must be delayed until the eggs have hatched and the young birds have left the nest.



Defects Liability Period

- a. Any trees, shrubs and grass found to be defective or missing for any reason before practical completion shall be replaced by the Contractor entirely at his own expense.
- b. Thereafter any failures within 12 months of the date of practical completion shall also be replaced by the original specification by the Contractor entirely at his own expense, in the next planting season.
- c. Thereafter any failures within the next 4 years shall also be replaced to the original specification in accordance with the planning conditions.

Weed Control

- a. Keep shrub beds and areas around trees free from annual and perennial weeds by hand weeding. All arisings to be removed from site. Allow 7 no. visits per year.
- b. Apply translocated herbicide to shrub beds using weed wiper. Allow 3 visits a year with dead weed removed after each visit.

Mulch

- a. Bark mulch to be reinstated to original depths at the end of each growing season. Allow 1 no. visit per year.

Watering

- a. All planting shall be watered with a low pressure hose during dry spells, within the first year of growth only, at the following rates:-
 - Feathered/standard trees - 36 litres/tree/visit
 - Heavy standard trees - 42 litres/tree/visit
 - Semi-mature trees - 48 litres/tree/visit
 - Shrubs - 5 litres/plant/visit

Fertiliser

- a. At the end of the establishment period, 30gms of slow release fertiliser to be applied around each plant. Allow 1 no. visit at end of Year 2.

Grass Cutting

- a. Areas sown with amenity mix:
 - 16th, Nov between April and October. Grass areas to be cut to a height of c.60mm. NB: in drought conditions adjust cutting heights to c.60mm. In very wet conditions, all operations involving grass cutting shall cease until conditions allow operations to continue without damaging the surfacing, levels and contours of the ground. Allow for sweeping clean of all paths and roads of grass cuttings at each mowing.
- c. IN ALL CASES all arisings are to be removed from site.

Firming In

- a. All plants and trees shall be firming by planting operations, wind or frost shall be taken in. Allow 1 no. visit per year.

Litter Collection

- a. Whole site to be kept in a clean and tidy condition throughout the establishment period. Litter to be removed from site. Allow 20 no. visits per year.

Completion

- a. The Contractor shall be responsible for the maintenance of the planting and grassed areas for a 12 month period following the completion of the works and will be responsible for any defects due to faulty materials, including plant failures, or workmanship during this time.
- b. The Contractor shall carry out maintenance at suitable intervals and in suitable weather conditions.

MAINTENANCE

General

- a. The Contractor shall be responsible for the maintenance of the planting and grassed areas for a 12 month period following the completion of the works and will be responsible for any defects due to faulty materials, including plant failures, or workmanship during this time.
- b. The Contractor shall carry out maintenance at suitable intervals and in suitable weather conditions.
- c. 48 hours notice in writing shall be given before commencement of any maintenance operations. Failure to do so will result in non payment for any supposed work carried out.
- d. The Contractor shall be required to submit certificates for all deliveries of grass seed stating the seed source.