

LEGEND

- Existing surveyed trees to be retained and protected in accordance with BS 5837:2012 as required and in accordance with the Arboricultural Report.
- Existing trees to be removed as part of the development.
- Existing groups of trees / vegetation / hedges to be retained and protected in accordance with BS 5837:2012.
- Existing groups of trees / vegetation / hedges to be removed as part of the development.
- Proposed tree planting. Refer to schedule for details.
- Proposed hedge planting. Refer to schedule for details.
- Proposed shrub planting to include pollinators. Refer to schedule for details.
- Proposed amenity grassed areas to be seeded with 'A22 Low Maintenance' by Germinal or similar on min. 150mm topsoil on min. 300mm subsoil as per specification. Sown at the recommended rate of 50g/m2.
- Proposed grass / wildflower seed mix ref: 'Wetland Seed' by Wyndrush Wild or similar, sown at the recommended rate. To be left uncut and trimmed only twice per year.
- Proposed grass / wildflower seed mix ref: 'Wildflower Meadow Seed' by Wyndrush Wild or similar, sown at the recommended rate. To be left uncut and trimmed only twice per year.

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.

Rabbit Protection
All hedge planting to be fitted with TUBEX STANDARD TREE GUARDS or SHRUBSHELTERS according to plant type. Tubes to be 60cm high or similar approved. Tree/Shrub shelters need to be well anchored using good quality square stakes, inserted into the ground to at least 1/3 of the stake height.

Ensure the stake is below the flared rim at the top of the Shrubshelter. Using the shelters natural strength push it lightly into the ground to remove the gap at the base.

PLANTING SCHEDULE

Number	Species	Height	Specification
5	<i>Alnus glutinosa</i>	14-16cm	RB Extra Heavy Standard
3	<i>Alnus incana</i>	14-16cm	RB Extra Heavy Standard
13	<i>Betula pendula</i>	14-16cm	RB Extra Heavy Standard
144	<i>Choisya ternata</i>	40-60cm	SL C 3m
7	<i>Cotoneaster lanuginosa 'Paul's Scarlet'</i>	14-16cm	RB Extra Heavy Standard
2	<i>Fagus sylvatica</i>	14-16cm	RB Extra Heavy Standard
2	<i>Malus sylvestris</i>	14-16cm	RB Extra Heavy Standard
5	<i>Prunus avium</i>	14-16cm	RB Extra Heavy Standard
4	<i>Prunus padus</i>	14-16cm	RB Extra Heavy Standard
9	<i>Quercus robur</i>	14-16cm	RB Extra Heavy Standard
6	<i>Salix caprea</i>	10-12cm	RB Feather
9	<i>Salix cinerea</i>	10-12cm	RB Feather
8	<i>Sorbus aucuparia</i>	14-16cm	RB Extra Heavy Standard
6	<i>Sorbus intermedia</i>	14-16cm	RB Extra Heavy Standard
Total: 75			

Shrubs

Number	Species	Height	Pot Size	Specification	Density
130	<i>Bergenia cordifolia</i>	20-30cm	SL C		4m ²
111	<i>Brachyglottis 'Sunshine'</i>	40-60cm	SL C		3m ²
144	<i>Choisya ternata</i>	40-60cm	SL C		3m ²
110	<i>Choisya ternata 'White Dazzler'</i>	40-60cm	SL C		4m ²
108	<i>Gemata lylia</i>	40-60cm	SL C		4m ²
187	<i>Geranium macrorrhizum 'Inglowersen's variety'</i>	30-40cm	SL C		4m ²
209	<i>Hebe buxifolia</i>	30-40cm	SL C		4m ²
82	<i>Hebe rakainsii</i>	30-40cm	SL C		4m ²
163	<i>Hydrangea macrophylla</i>	40-60cm	SL C		3m ²
78	<i>Hypericum calycinum</i>	40-60cm	SL C		3m ²
153	<i>Lonicera pileata 'Maygreen'</i>	40-60cm	SL C		4m ²
90	<i>Potentilla fruticosa</i>	40-60cm	SL C		3m ²
120	<i>Rosmarinus officinalis</i>	40-60cm	SL C		3m ²
168	<i>Viburnum davidii</i>	40-60cm	SL C		4m ²
277	<i>Viburnum tinus</i>	60-80cm	SL C		3m ²
Total: 212					

Grasses

Number	Species	Specification	Pot Size	Density
111	<i>Armeria maritima</i>	C	SL	6m ²

Native Hedge

Number	Species	Height	Specification	Percentage Contribution
392	<i>Corylus avellana</i>	60-80cm	B	10%
1548	<i>Cotoneaster monogyna</i>	40-60cm	B	46%
592	<i>Ilex aquifolium</i>	40-60cm	B	10%
584	<i>Malus sylvestris</i>	60-80cm	B	15%
200	<i>Sambucus nigra</i>	60-80cm	B	5%
592	<i>Sorbus aucuparia</i>	60-80cm	B	10%
392	<i>Ulex europaeus</i>	40-60cm	B	10%
Total: 390				

Structure Planting

Number	Species	Height	Specification	Density	Percentage Contribution
354	<i>Alnus glutinosa</i>	60-80cm	B	2m ²	10%
354	<i>Cornus sanguinea</i>	60-80cm	B	2m ²	10%
354	<i>Corylus avellana</i>	60-80cm	B	2m ²	10%
178	<i>Cotoneaster monogyna</i>	60-100cm	B	2m ²	10%
178	<i>Cytisus scoparius</i>	60-80cm	B	2m ²	5%
354	<i>Fagus sylvatica</i>	60-100cm	B	2m ²	10%
354	<i>Ilex aquifolium</i>	60-80cm	B	2m ²	10%
178	<i>Malus sylvestris</i>	60-80cm	B	2m ²	5%
354	<i>Quercus robur</i>	60-80cm	B	2m ²	10%
354	<i>Sorbus aucuparia</i>	60-80cm	B	2m ²	10%
Total: 353					

Single species hedges

Number	Species	Height	Specification	Density
1292	<i>Cotoneaster monogyna</i>	60-80cm	B	6m
247	<i>Ligustrum ovalifolium</i>	40-60cm	C	6m
Total: 147				

Hedge planting to be established in double staggered rows, 300mm between rows, plants equally spaced with 6no plants per linear metre.

Structure planting to be established in single species groups of between 7 and 11 and planted at 2no plants per m².

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 growth 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: 16no. visits between April and October. Grass areas to be cut to a height of c.40mm. NB. In drought conditions adjust cutting heights to c.60mm. In very wet conditions, all operations involving grass cutting shall cease until conditions allow operators 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 operation.

In ALL CASES all arisings are to be removed from site.

Firming In

- a - All plants and tree stakes loosened by planting operations, wind or frost shall be firmed in. Allow 1 no. visit per year.

Litter Collection

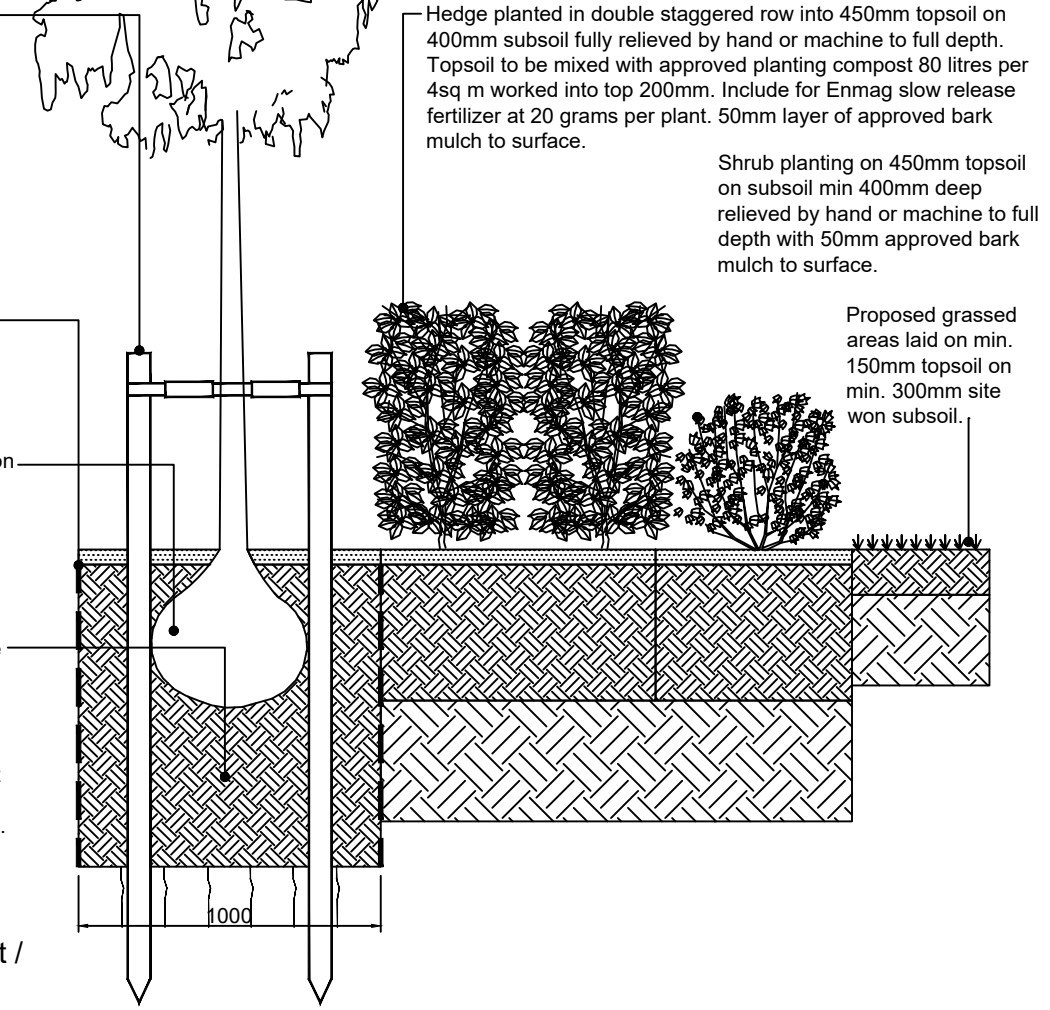
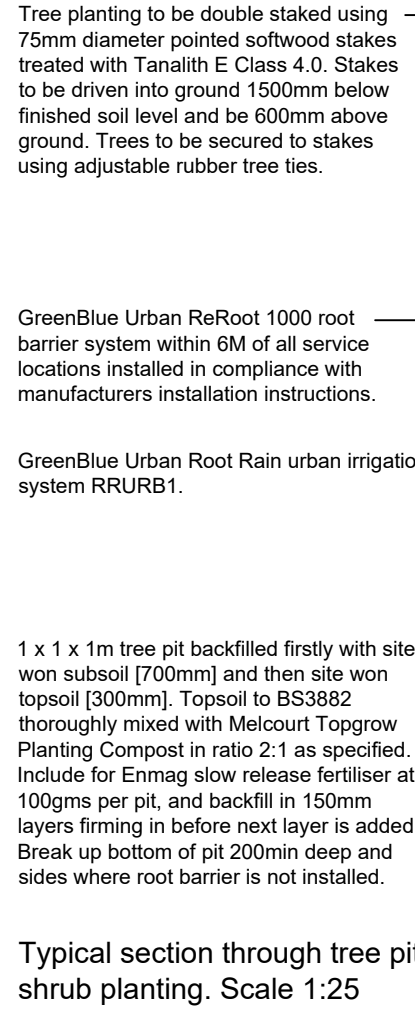
- a - Whole site to be kept in a clean and tidy condition throughout the establishment period. Litter to be removed from site. Allow 20 no. visits per year.

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 SAN Enmag or similar standard at the rate of 70g/m² to be worked into top 200mm.
- #### CULTIVATIONS AND PLANTING
- ##### Planting Areas
- a - Shrubs 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 out face at an even gradient. All cuttings to be removed from site.
 - g - A 50mm layer of matured corncracker 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.

- ##### Final Cultivations
- a - The surface for seeding should be 25mm deep and free from weeds and stones.
- ##### Sowing
- ##### Grass Seed Mixes
- a - Any subsidence of seeded or turfed areas below the specified levels shall be made good and re-seeded. These works shall be rectified at the Contractor's expense.
 - b - The Contractor shall make good any damage caused by work personnel, plant or material whilst carrying out and maintaining the work on site.
- ##### Watering
- a - Contractor shall be entirely responsible for all watering necessitated by dry weather and it shall be undertaken by stationary rotary sprays.
- ##### Completion
- a - Grass areas shall be accepted as having reached practical completion only when germination has proved satisfactory and healthy weed free swards have been established.
- #### 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 the time.
 - b - The Contractor shall carry out maintenance work 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.
- ##### 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 to 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.
- ##### Turfed Areas
- a - Ensure soil below is prepared correctly, level and lightly watered before laying the turf. Each row of turf should be laid so that joints are offset by min 300mm. Start laying along a straight side in a row butt joining the ends tightly together.
 - b - Do not stretch the turf, always push the turf into a joint. Avoid gaps, but if they do occur fill them in with a light soll/sand mixture. Ensure complete contact between the soil and the underside of the turf and if necessary use a lift board or head of a rake to lightly firm down the turf.
 - c - Immediately after laying, start watering. Ensure that the new turf is never short of water. Water repeatedly for at least two weeks and/or



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	Amended to reflect latest Architectural site plan, planting schedule amended as required. LH/DP	14.11.23						
B	Sub-station added as per revised site plan. LH/DP	08.01.24						
C	Amended to reflect latest Architectural site plan. LH/DP	11.11.24						

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IMPORTANT CDM / H&S NOTE
The designers would draw the readers attention to key residual construction health and safety hazards that have not been eliminated from the designs shown on the drawings by the design process. These hazards are identified below:
Pedestrians using new or existing walking routes through the site during construction.
Working adjacent to water bodies / SUDS features during periods of heavy rainfall.
Working on or adjacent to the public highway.
Any construction personnel including operatives intending to construct the designs shown on this drawing should ensure that they have been thoroughly briefed by the principal contractor on all health and safety matters and have sight of:
1. The full designers and contractors hazard risk assessments and risk registers.
2. The developed construction phase health and safety plan.
3. The contractors construction method statements.