

### Planting Schedule

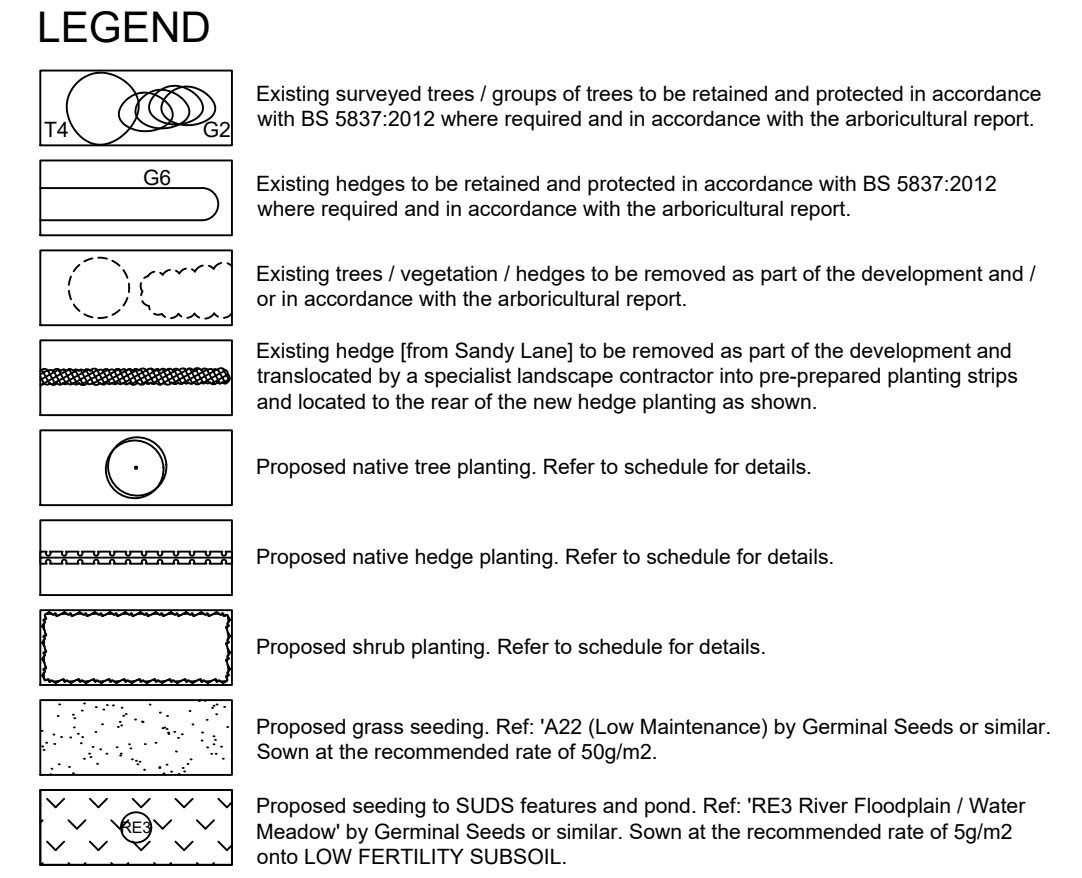
Tree	Number	Species	Grth	Specification
1	1	Acer campestre	14-16cm RB	Extra Heavy Standard
2	2	Alnus glutinosa	14-16cm RB	Extra Heavy Standard
3	3	Alnus incana	14-16cm RB	Extra Heavy Standard
4	4	Betula pendula	14-16cm RB	Extra Heavy Standard
5	5	Betula pubescens	14-16cm RB	Extra Heavy Standard
6	6	Malus sylvestris	14-16cm RB	Extra Heavy Standard
7	7	Prunus avium	14-16cm RB	Extra Heavy Standard
8	8	Quercus robur	14-16cm RB	Extra Heavy Standard
9	9	Salix caprea	10-12cm RB	Feather
10	10	Sorbus aucuparia	14-16cm RB	Extra Heavy Standard
11	11	Tilia x europaea	14-16cm RB	Extra Heavy Standard

Shrub	Number	Species	Height	Pot Size	Specification	Density
1	1	Bergenia cordifolia	20-30cm	SL	C	3m <sup>2</sup>
2	2	Buxus sempervirens	40-60cm	SL	C	3m <sup>2</sup>
3	3	Chamaecyparis	40-60cm	SL	C	3m <sup>2</sup>
4	4	Cornus sanguinea 'Midwinter Fire'	40-60cm	SL	C	3m <sup>2</sup>
5	5	Cytisus scoparius	40-60cm	SL	C	3m <sup>2</sup>
6	6	Geranium macrorrhizum 'Ingwersen's variety'	30-40cm	SL	C	4m <sup>2</sup>
7	7	Hydrangea arborescens 'Annabelle'	40-60cm	SL	C	4m <sup>2</sup>
8	8	Lonchocarpus plicatus 'Maygreen'	40-60cm	SL	C	4m <sup>2</sup>
9	9	Potentilla fruticosa	40-60cm	SL	C	3m <sup>2</sup>
10	10	Stipa tenuissima	40-60cm	SL	C	6m <sup>2</sup>
11	11	Viburnum davidii	40-60cm	SL	C	3m <sup>2</sup>
12	12	Viburnum opulus	40-60cm	SL	C	3m <sup>2</sup>

Grasses	Number	Abbreviation	Species	Specification	Density
1	1	DC	Deschampsia cespitosa		6m <sup>2</sup>



### MAINTENANCE OF LONG GRASS / WILDFLOWER AREAS:

Areas of long grass and wildflower seeding to swales / basins and elsewhere to be stirmed twice per year to a height of 4-7cm. All airsnings to be removed from site.

### NOTES ABOUT BIRD 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 - 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.

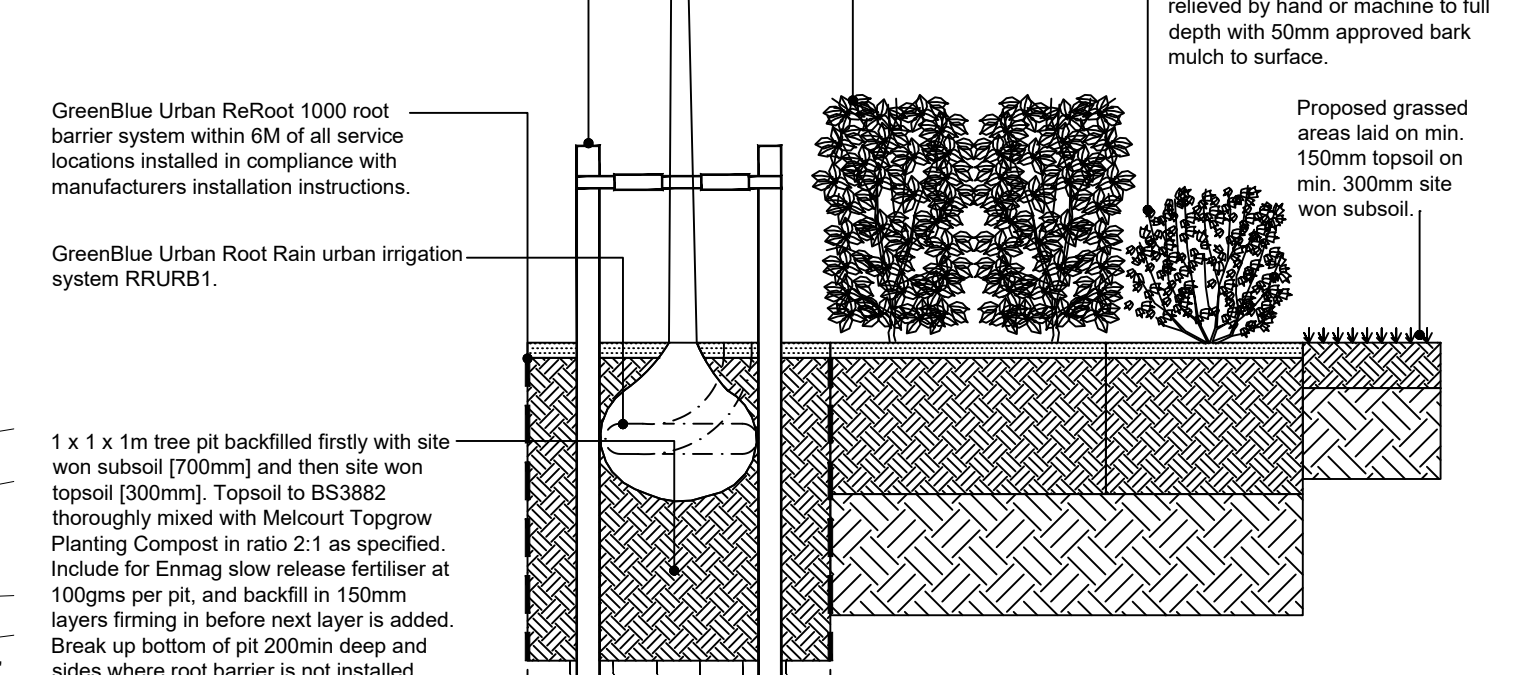
### Rabbit Protection

All hedge and structure 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 fixed 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



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

### Planting Specification

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

#### SITE CLEARANCE

- Remove general builders rubble, litter and any stones greater than 75mm in size from the area 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

- 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.
- Finished levels of topsoil in grassed areas to be 25mm above adjoining ground. Finished level of topsoil in shrub beds to be 50mm lower than adjacent edge to allow planting of bark mulch.
- Supply and spread approved fertilizer such as SAI Enmag or similar standard at the rate of 70gms to be worked into top 200mm.

##### CULTIVATIONS AND PLANTING

#### Planting Areas

- Shrub beds shall be cultivated prior to planting to produce a medium till and all weeds, stones and other debris arising from this work are to be collected and removed from site.
- Spread approved tree and shrub planting compost over the planting beds at a rate of 20 litres/m<sup>2</sup> and work into the top 200mm.
- Shrubs to be staked 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.
- Shrubs to be planted at the depth at which they have previously been growing, allowing for soil settlement after planting.
- Surfaces of shrub planting areas shall be left clean and neat with a level surface between the planting during and on completion of planting.
- Immediately after planting all containerised plants shall be watered with 3 litres of water per plant.
- All grass edges to be cut vertically with an edging iron to a depth of 100mm. Remove edging iron and 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.
- A 50mm layer of matured conifer bark to be spread over planting areas and tops of tree pits, at least 50mm thick shall exceed 60mm particle size and shall contain a minimum of wood particles, the bark to be pest, disease and weed free.

#### Tree Planting - Planting Pits

- Excavate tree pits as follows:-  
Standard / Feathered trees - 1000 x 1000 x 1000mm  
Semi-Mature trees - 1500 x 1500 x 1000
- Loosen base to a further depth of 200mm and scarify soil sides. Dispose of unsuitable excavated material off site as approved by client.
- Tree pits to be double staked with stakes positioned parallel to the adjacent walls for pouring. Tree stakes to be pressure treated, minimum diameter 60mm and pointed at one end. Stakes to be driven into the pit before planting to

- Tree pits to be planted in pit to a depth and orientation related to the original growing position in the nursery and backfilled with the excavated topsoil mixed with approved tree and shrub planting compost in the following amounts:  
Feathered trees - 60 litres/tree  
Heavy standard trees - 120 litres/tree  
Semi-mature trees - 120 litres/tree
- Tree pits to be tied to the supporting stakes with adjustable reinforced rubber tree ties using soft rubber spacers, positioned at an approved point suitable to the habit of the tree.
- Proposed trees within 3m distance from buildings or services, or within 2.0m of overhead power lines are to have not barriers installed.
- Water to be applied to all trees and transplants on the same day as planting:  
Feathered trees - 36 litres/tree  
Standard trees - 36 litres/tree  
Heavy Standard trees - 42 litres/tree  
Extra Heavy Standard - 48 litres/tree
- Areas for seeding to have topsoil depths of min. 150mm apart from wider areas where seed should be sown directly into the subsoil.
- One month prior to sowing, areas shall be harrowed to a depth of 100mm followed by driven harrowing to a depth of 20mm to produce a fine till. Finished surfaces to be level with a Cambridge roller.
- All weeds, stones and other debris arising from this work shall be collected and removed from site to the Contractors tip.
- All grassed and broad leaved plants which emerge between cultivations and seeding shall only be treated with an approved translocated herbicide before sowing.
- Minor Grading  
a) Finished levels of amenity grass areas to be 25mm above adjoining paving or kerbs. Levels to be arranged to give gentle falls for drainage purposes.  
b) New areas to be matted in to adjoining soiled areas.
- Final Cultivations  
a) The surface for seeding should be 25mm deep and free from weeds and stones.
- Sowing  
Grass Seed Mates  
a) Germinal Seeds Ref: 'A22 Low Maintenance' sown at recommended rate of 50g/m<sup>2</sup> or similar approved.  
b) Germinal Seeds Ref: 'RE3 River Floodplain / Water Meadow' sown at recommended rate of 59g/m<sup>2</sup> or similar approved.
- Procedure  
a) The Contractor shall purchase fresh grass seed each season throughout the contract period. The grass seed shall be made up of certified seeds under EEC regulations. The seed shall have a certified germination of not less than 10% and a certificate of purity of not less than 90%. Total seed level and other crop seeds content shall not be more than 15. Seeds shall be obtained at least 21 days before sowing.

The Contractor shall be required to submit certificates for all deliveries of grass seed stating the seed source, mixture percentage, percentage purity and germination period. All seed shall be delivered in original sealed bags. Amenity grass seed must be sown onto a minimum of 150mm depth of approved top soil, 300mm subsoil. Standard trees - 90 litres/tree  
Heavy standard trees - 120 litres/tree  
Semi-mature trees - 120 litres/tree

After sowing, all amenity grass areas shall be consolidated using an approved type roller roller. Seeding shall be carried out in suitable weather conditions in rainfree directions. After sowing, ground to be lightly raked and all stones over 12mm gage shall be removed.

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 but joining the ends slightly together.

Grass Seeding  
a) Areas for seeding to have topsoil depths of min. 150mm apart from wider areas where seed should be sown directly into the subsoil.  
b) One month prior to sowing, areas shall be harrowed to a depth of 100mm followed by driven harrowing to a depth of 20mm to produce a fine till. Finished surfaces to be level with a Cambridge roller.  
c) All weeds, stones and other debris arising from this work shall be collected and removed from site to the Contractors tip.

Immediately after laying, start watering. Ensure that the new turf is never short of water. Water repeatedly for at least two weeks and/or until the turf is well established. Once established, weekly watering during dry periods should be adequate. Final cut to be undertaken once grass sward is long enough to cut.

Grass Substrate/Damage  
a) Any subsidence of sward or turf areas below the specified levels shall be made good and reseeded. 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 carried 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 sprayer.

Compost  
a) Areas sown with amenity mix: 160g, visits between April and October. Grass areas to be cut to a height of 60mm. NB: in drought conditions adjust cutting height to 40mm. In wet conditions, all operations involving grass cutting shall cease until conditions allow operators to continue without damaging the surface, levels and contours of the ground. Allow for sweeping clean of all paths and roads of grass cuttings at each mowing.

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

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REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	Extent of translocated hedge amended to accommodate access track, note added about rear gardens being topped only. LHDP	14.06.23			
B	Planting amended to rear of plots 19-21, to front of plots 25-26 and to rear of sub-station to reflect revised Architectural site plan. LHDP	30.08.23			
C	Planting amended, sub-station removed, play area and open green space amended to reflect revised Architectural site plan. LHDP	15.02.24			
D	Footpaths from Plot 24 - 33 updated, foul compound removed. LHDP	18.03.24			
E	Translocated hedge moved from Plot 22 to Plot 14 as requested. LHDP	26.03.24			

IMPORTANT CDM / HSS NOTE	PROJECT	SCALE (A1)	DATE	DRAWN	CHKD
The designers would draw the reader's 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: Working close to water bodies during storm conditions. Working adjacent to the public highway.	Sandy Lane, Ystradowen Soft Landscape Proposals	1:300	Jun/23	LH	DP

Any construction personnel including operatives intending to construct the designs shown on this drawing should ensure that they have been thoroughly briefed by the principle contractor on all health and safety matters and have sight of:	NEWCASTLE UPON TYNE	CARDIFF / CAERDYDD
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.	Newcastle Upon Tyne T: 0191 587 1724 Info@dpla.co.uk	Cardiff / Caerdydd T: 01446 773 861 www.dplandscapearchitecture.co.uk