

PLANTING SCHEDULE

TREES				
Number	Species	Height	Girth	Specification
4 -	Alnus glutinosa	400-450cm	14-16cm	Extra Heavy Standard; Clear stem minimum 200cm; Double Staked
3 -	Tilia cordata	400-450cm	14-16cm	Extra Heavy Standard; Clear stem minimum 200cm; Double Staked
Total :7 -				

SPECIMEN SHRUBS				
Number	Species	Height	Pot Size	Specification
3 -	Crataegus laevigata 'Paul's Scarlet'	150-175cm	25-45L	Light Standard; 3 breaks
Total :3 -				

SHRUBS				
Number	Species	Height	Pot Size	Specification
32 -	Cornus sanguinea 'Midwinter Fire'	40-60cm	2L	Branched; 3 breaks
49 -	Cornus sanguinea 'Winter Beauty'	40-60cm	2L	Branched; 3 breaks
70 -	Ilex aquifolium 'Silver Queen'	30-40cm	2L	Leader with laterals
22 -	Juniperus communis 'Repanda'	20-30cm	2L	Branched
32 -	Ligustrum vulgare	40-60cm	3L	Branched; 3 breaks
5 -	Lonicera nitida 'Baggesen's Gold'	20-30cm	2L	Bushy; 3 breaks
20 -	Lonicera periclymenum	30-40cm	2L	Several shoots; 5 breaks
24 -	Pinus mugo	20-30cm	3L	Bushy
15 -	Rhamnus cathartica	40-60cm	3L	Leader with laterals; 3 breaks
44 -	Rosa canina	40-60cm	2L	Branched; 5 breaks
52 -	Salix purpurea 'Nana'	20-30cm	2L	Branched; 3 breaks
37 -	Sorbus leptophylla	20-30cm	2L	Branched; 3 breaks
40 -	Taxus baccata 'Repandans'	20-30cm	Bushy;	5 breaks
37 -	Ulex europaeus	20-30cm	2L	Bushy; 3 breaks
51 -	Viburnum opulus 'Compactum'	20-30cm	2L	Bushy; 3 breaks
Total :530 -				

CLIMBERS				
Number	Species	Pot Size	Specification	Density
20 -	Lonicera periclymenum	2L	Several shoots; 5 breaks	5/m²
Total :20 -				

SPECIFICATION NOTES

- GENERAL
- Proposals to be read in conjunction with Architects and Engineers Drawings;
 - All landscape operations to be in accordance with all relevant and current British Standard Codes;
 - All stock (other than container grown) shall be planted between November 30th and 28th February. Planting operations shall be carried out in suitable open weather and all plants re-erected if lifted by frost during the contract. No planting shall take place in dry, hot and sunny weather or indeed of frost and snow are present, or in cold east winds, regardless of the stock specified
 - Any plant material planted outside the recognised planting season (Nov-Feb), to be containerised stock and supplied at the sizes specified;
- SOIL AND MULCH
- Where the landscape subcontractor is obliged to handle topsoil or scrape and remove topsoil (e.g. for any hard works constructed) store such topsoil on site, in an area agreed with the Employer, storing in heaps no greater than 2 metres high. Cover with sacking, or geotextile sheeting until used, to prevent excessive weed growth and drying. Any weed growth shall be removed before utilising the topsoil for fill through the application of suitable herbicides;
 - Beds found to have inadequately broken up sub-grades, are prone to water-logging in wet periods, causing plants to die. Such beds should be reported immediately to the Site Manager, Surveyor, Design Manager and the Landscape Architect. Landscape Subcontractor's should allow for breaking up excavated bottoms, or piercing with an auger at 500mm centres, to ensure they are free draining; wherever there is any evidence of residual compaction or poor drainage;
 - On site topsoil shall be as close as possible to BS3882:2015, but free from subsoil, clay and debris. Where a landscape subcontractor has concerns about the quality of on-site topsoil supplied by others, a representative sample should be sent to the consultant Landscape Architect for comment;
 - Topsoil shall be evenly and thoroughly cultivated to depths as follows incorporating any specified ameliorates to full depths of cultivation;
 - Extra Heavy Standard trees - Pits generally 1.2 x 1.2 metres square and 1 metres deep;
 - Shrubs & Hedge Planting - 400mm deep;
 - Backfill for trees with suitable topsoil mixed with 50 Litres of suitable non-peat based compost and slow release fertiliser as per manufacturers instruction. Fill to within 85mm of surface (soil level of grass adjacent);
 - All planting areas to be covered with a 75mm depth of medium grade bark mulch.

PLANT MATERIAL TREATMENT

- All trees and shrubs are to be supplied from nurseries in the UK and to be of local provenance and to conform to BS3936 and the HTA 'National Plant Specification'. The consultant Landscape Architect is to approve the nursery selected by the Landscape Subcontractor for the supply of plants. The landscape subcontractor is responsible for the protection of plant material being hardened off or grown at their nursery and shall make good defects;
- Tree Stakes and Ties - Stakes to be pressure treated larch poles with RCO by 'PermaWood' or other similar and approved. The stakes shall be 700mm apart (each side of the root ball, taking care to avoid the root ball), with a half rounded cross brace positioned at the top of the posts (level and horizontal), nailed to the stakes with 2 No. galvanised nails at each end. Secure the stem to the tree using a rubber tie with spacing device or sackcloth (and several turns to form a good spacing knot) positioned 25mm maximum from the top of the post.

EXISTING TREES AND SHRUBS

- Existing trees to be retained shall be protected in accordance with the requirements and specifications set out in BS5857:2012 paragraph 6.2.2 figure 3 and BS7722 : Part 4 and shall be positioned in accordance with TG's Fibreicultural Method Statement (1592_P02)

PROPOSED TREES

- Contractor to ascertain the location of all sewers and services prior to tree planting;
 - No trees to be planted within 3 metres of sewers or services or other easement recommended by the relevant statutory undertaker without the use of tree root barriers. All tree pits with root barriers are subject to engineer's approval;
 - Extra Heavy Standard Trees in soft landscape to be double staked and fixed in accordance with the tree pit detail.
 - Where necessary increase tree pit dimensions to ensure that tree pits are at least 75mm deeper and 150mm wider than the rootball. Break up bottom of pits to a depth of 150mm. Compacted glazed sides of pits should be roughened;
 - Cut back any broken or damaged roots to sound growth;
 - Plant trees upright, in the centre of the pit and at original soil depth;
- SHRUBS
- Plant shrubs exactly in accordance with the landscape drawings. All non-perishable containers shall be removed and any damaged roots carefully pruned. Excavate planting holes 75mm wider than the root spread. Each plant shall be planted at it's correct depth, to the original soil or nursery mark, to BS4428:1989. Compost and sand additives shall be worked well into backfill whilst backfilling is in progress, taking care not to raise general levels of the soil so that bed edges are less than 65-80mm below the adjacent pavement edges;
 - Gaps around the root ball shall be filled to half its depth and firmed by hand, but avoiding damage to the roots. Further soil can then be used to fill the voids to the surface and firmed by treading, taking care not to over firm and damage roots;
 - Water in all plants within 2 hours of planting with 25 litres minimum per metre squared;
 - Prune back leggy growth immediately after planting;
 - Approved bark mulch to a depth of 75mm.

WATERING & MAINTENANCE

- All planting is to be watered and maintained up to Practical Completion and for a period of 12 months from that date. Any plant which dies, or is not thriving during this period is to be replaced.
- Remove all weed growth by hand as necessary to ensure weed free and tidy planting beds. Take great care not to disturb sheet or bark mulch. All weeds shall be removed from the site. Two visits are required per growing season where sheet mulch is specified, and 6 visits per growing season are required where no sheet mulch is specified. Visits should occur approximately monthly, subject to weather conditions.
- Remove all litter and debris at each visit, leaving the site clean and tidy. Firm in and straighten out plants loosened and prune out dead, leggy and broken branches, without damage to natural habit of the plant. In the case of trees, a suitably skilled and qualified arboriculturalist shall carry out such pruning. Tree stakes and ties shall be checked, adjusted and replaced as necessary. Prune hedges back to an even hedge line to encourage thickening, twice within the first growing season after planting.

- Site Boundary
- Existing Tree to be retained with associated RPA
- Existing Ornamental Shrub Planting Area to be retained
- Proposed Tree
- Proposed Specimen Shrub
- Proposed Ornamental Shrub Planting Area
- Proposed Planting Area (to tie into existing vegetation on bank using similar species)
- Proposed General Purpose Meadow Mix (Emorsgate EM2) Sowing Rate - 4g/m2

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F	Native shrub amendments	01.09.2021
E	Revised tree locations	20.08.2021
D	Additional trees and grass area along Plymouth Street	19.08.2021
C	Planting amendment (native stock)	27.07.2021
B	Additional planting on steps	17.06.2021
A	Site boundary change	14.06.2021
Rev	Description	Date



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PLAN TO BE PRINTED IN COLOUR

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Date

1:200 @ A1
01.09.2021

Drawn
Checked
CDM Review

LS
AW
AW

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13892_P03

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F