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- Application Boundary
- Retained Trees/Hedgerows
- Retained Areas of Ground Level Vegetation
- Proposed Tree Position
- Proposed Shrub Position
- Proposed Native Hedgerow
No tree planting is to be undertaken within the RPAs. Shrub planting within RPAs shall be done with hand tools and all roots shall be planted around to ensure the viability off the tree.
- Proposed Amenity Planting Area
- Proposed Rain Garden Planting Area
- Proposed Wildflower Grassland Seed Mix (Emorsgate EM1)
- Proposed Wetland Seed Mix (Emorsgate EM8)
- Proposed Amenity Grass (turf)
Areas less than 1m wide laid to bark mulch



Rev	Description	Date
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Project title
Aldi Mafon Road

Drawing title
Soft Landscape Proposals
(Sheet 1 of 2)

Date 15.02.2024
Scale 1:250 @ A1
Drawn AL
Checked AW

Drawing number 13571_P04
Revision -



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-firmed 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

- 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 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;
- Seeded or Turfed Areas - 150mm 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 or other member countries of the EEC. The 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 ACQ 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 BS5837:2012 paragraph 6.2.2 figure 3 and BS1722 : Part 4

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 to be underground guyed 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;
- Where native whip and shrub planting are shown in mixes, the numbers of each species for the groups is specified on the planting list on the drawing (and will be inspected by the Landscape Architect).
- 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.

HEDGING

- Plant hedging in trenches 400mm depth and large enough to take the full spread of roots;
- Set out plants evenly as scheduled; planted in groups of 3-7 of the same species;
- Backfill with excavated topsoil/shrub planting mix;
- Prune back native hedging hard at the appropriate season in year one (and outside of the bird nesting season).

RABBIT GUARDS

- Where specified, install rabbit guards supported by canes around each transplant (to supplier specification);

MARGINAL PLANTING

- Plant in species groups of 3/ 5 / 7 in drifts at an average density of 4/m2. Taller plants to middle of planting areas with lower growing species to the edge of planting areas.
- The use of an organic matting that will biodegrade in 6 months should be used instead of mulching. Thereafter, the established planting should provide sufficient groundcover to prevent soil erosion. Additional planting using the same specification as detailed on the soft landscaping plan should be undertaken if areas of open soil persist.

PREPARATION OF WILDFLOWER GRASS AREAS

- Grade areas to be seeded until the surface is evened and the level is or the required height, and is further flush with any paved area (max tolerance 0 to -10mm), to receive run off, but not so low as to damage mower blades on cutting the edges. Fully cultivate existing and imported topsoil to a depth of 150mm and rake surface to form a fine tilth. Remove all stones, twigs, logs and other debris. Stone rake repeatedly until all stones greater than 20mm in any one direction are removed. After 6 weeks (minimum time), but not later than 12 weeks, spray all weed with a suitable translocated systemic and approved herbicide.

SEEDING OF WILDFLOWER GRASS AREAS

- No seed is to be sown until the cultivation and preparatory works have been approved by the Landscape Architect;
- Sowing rates for seed mixes as recommended in the Key;
- Carefully rake in thoroughly to ensure that the seed is a few millimetres below surface.
- Roll using a very light roller, (or cylindrical mower) Ensure surface is even and level;

ESTABLISHMENT OF WILDFLOWER GRASS AREAS

- Strim once in late October to a height of 125mm and once in mid-March to a height of 150mm. Strim again at the end of August or early September to a height of 75mm.

WATERING

- Maintenance watering shall be carried out by a contracted maintenance company.

WEEDING

- 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.

SHRUBS, TREES & TIDYING BEDS

- 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.

Planting Schedule

Trees					
Number	Species	Height	Girth	Specification	Density
3	Betula pendula	400-450cm	14-16cm	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks	Counted
1	Malus domestica	400-450cm	14-16cm	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks	Counted
8	Tilia cordata 'Green Spire'	400-450cm	14-16cm	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks	Counted
Total :12					

Shrubs

Number	Species	Pot Size	Specification	Density
16	Carex pendula	2L	C	4/m ²
6	Cornus sanguinea	10L	Branched; 5 breaks	Counted
144	Cornus sanguinea 'Midwinter Fire'	3L	Branched; 3 breaks	3/m ²
110	Cotoneaster franchetii	3L	Bushy; 3 brks: C	3/m ²
110	Elaeagnus ebbingei	2L	Branched; 3 brks: C	3/m ²
110	Escallonia 'Apple Blossom'	2L	Branched; 3 brks: C	3/m ²
110	Euonymus fortunei 'Emerald 'n' Gold'	3L	Bushy; 7 brks: C	3/m ²
12	Iris pseudacorus	2L	C	4/m ²
110	Lonicera nitida 'Baggesen's Gold'	2L	Bushy; 2 breaks	3/m ²
8	Myosotis scorpioides	2L	C	4/m ²
8	Nasturtium officinale	2L	C	4/m ²
4	Viburnum opulus	10L	Branched; 5 breaks	Counted
Total :748				

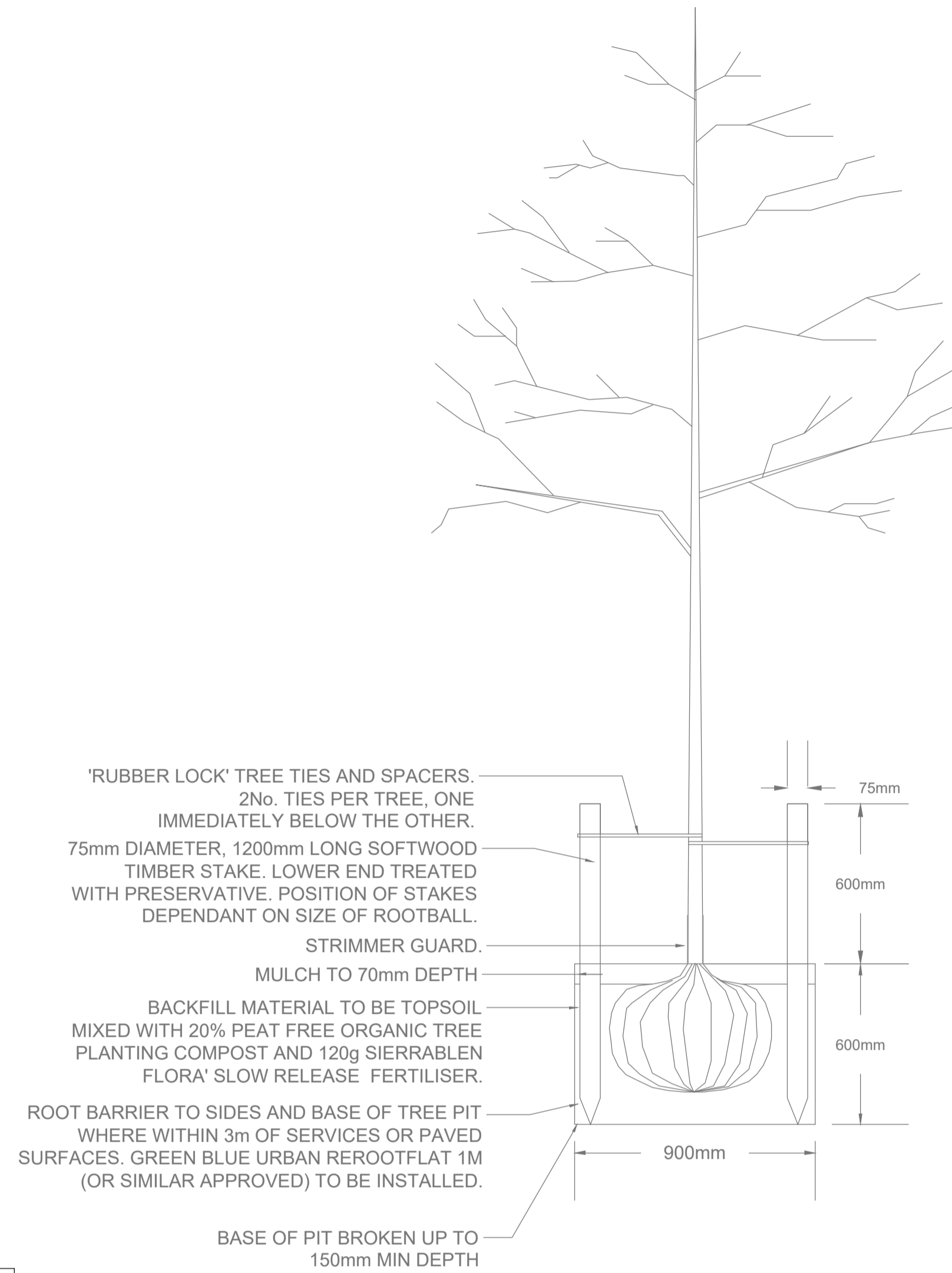
Hedgerow

Number	Species	Height	Specification	Density
293	Acer campestre	60-80cm	1+1: BR: Transplant: Rabbit spiral and cane	5/m
293	Corulus avellana	60-80cm	1+1: BR: Transplant: Rabbit spiral and cane	5/m
1068	Crataegus monogyna	60-80cm	1+1: BR: Transplant: Rabbit spiral and cane	5/m
293	Ilex aquifolium	60-80cm	1+1: BR: Transplant: Rabbit spiral and cane	5/m
Total :1947				

Herbaceous

Number	Species	Specification	Pot Size	Density
8	Glyceria maxima	C	2L	4/m ²
16	Lythrum salicaria	C	2L	4/m ²
12	Panicum virgatum 'Shenandoah'	C	0.5L	4/m ²

EXTRA HEAVY STANDARD TREES IN SOFT LANDSCAPE AREAS



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