

- KEY**
- EXISTING TREES
 - PROPOSED TREE PLANTING POS
 - PROPOSED TREE PLANTING PLOTS
 - NATIVE SHRUB PLANTING
 - ORNAMENTAL SHRUB PLANTING
 - TURF (CLOSE MOWN)
 - A22 GRASS SEED (CLOSE MOWN)
 - WILDFLOWER SEED MIX - EM2 GENERAL MEADOW MIXTURE

Plant Schedule

Abbreviation	Species	Height	Girth	Specification	Pot Size	Number of Plants
ACE	Acer campestre	350-425cm	12-14cm	Heavy Standard 3x B	5	5
ACST	Acer campestre 'Street Wreath'	350-425cm	12-14cm	Heavy Standard 3x B	4	4
FAGSY	Fagus sylvatica	350-425cm	12-14cm	Heavy Standard 3x B	3	3
PA	Prunus avium	350-425cm	12-14cm	Heavy Standard 3x B	7	7
PAM	Prunus 'Amanogawa'	350-425cm	12-14cm	Heavy Standard 3x B	4	4
PCC	Prunus coccinea 'Chandler'	300-350cm	12-14cm	Heavy Standard 3x B	5	5
ORO	Quercus robur	350-425cm	12-14cm	Heavy Standard 3x RB	2	2
SAL	Sorbus aria 'Lutescens'	350-425cm	12-14cm	Heavy Standard 3x B	5	5
TC	Tilia cordata	350-425cm	12-14cm	Heavy Standard 3x B	7	7
						Total 42

Shrubs

Abbreviation	Species	Specification	Density	Height	Pot Size	Number of Plants
AJV	Aucuba japonica 'Variegata'	4m ²	40-60cm	3L	23	23
BCO	Bergenia cordifolia	6m ²	20-30cm	3L	71	71
CET	Ceanothus thyrsiflorus repens	6m ²	20-30cm	3L	86	86
CTS	Choisya ternata Sundance	6m ²	30-40cm	3L	92	92
EAL	Elaeagnus x ebbingei 'LimeLight'	4m ²	40-60cm	3L	45	45
EJA	Eucryphia japonica 'Ovalis Aurea'	6m ²	30-40cm	3L	82	82
HMT	Hypericum x moseianum 'Tricolor'	6m ²	30-40cm	3L	64	64
HRE	Hebe abliciana 'Red Edge'	6m ²	30-40cm	3L	105	105
PCO	Photinia angustifolia 'Vera'	6m ²	30-40cm	3L	65	65
PRR	Prunella x fraseri 'Red Robin'	4m ²	60-80cm	3L	24	24
VD	Viburnum davidii	6m ²	30-40cm	3L	71	71
VTE	Viburnum tinus 'Eve Pincus'	4m ²	40-60cm	3L	61	61
						Total 779

WILDFLOWER SEED MIXES - To be sown at a rate of 40g/m².

EM2 - Standard General Purpose Meadow Mixture.
www.wildseed.co.uk/product/mixtures/standard-general-purpose-meadow-mixture

Available from Emragrass Seeds. Tel: 01553 829 028 or similar approved.
All wildflower areas to have 1M wide close mown grass edge adjacent roads and footpaths. Seeded with grass mix A22.

AMENITY GRASS SEED MIX - To be sown at a rate of 50g/m².



SPECIFICATION

GROUND PREPARATION - GENERAL

Preparing for topsoil
Grading and cultivation shall be in accordance with BS 4428:1988 section 4. Subsoil shall be to receive topsoil shall, whether already overcompacted or not, be thoroughly broken up by hand by heavy cultivator, by subsoiler or equipment with subsoiler spaced rows, thoroughly break up the surface to a depth of 150mm, cleaned of all large stones, lumps, pavement roots, live roots (including ring roots), coarse vegetation and other extraneous matter.

Subsoil grading
Subsoil shall only be graded after loosening as above, and this shall be undertaken by the use of a tractor and large power harrow or large wheel and by small mechanical grader or hand on small areas. Overall shall be in line with proposed final surface. For grading purposes after subsoiling and/or topsoiling has taken place.

Making up levels
When subsoil is deposited in low lying areas to raise formation levels, it shall be lightly consolidated and left to settle for a minimum of 7 days before topsoil is applied. For grading purposes after subsoiling and/or topsoiling has taken place.

Supply of topsoil
Topsoil to be supplied shall be approved by the Landscape Architect and details of the source of supply shall be provided in order that the contractor may be made before delivery commences. Topsoil shall conform to BS 3882:2015. Recoverable matter shall be 10% or less. Topsoil shall be free from stones, lumps, coarse vegetation, roots, debris, diseased, soils, the roots, stumps, subsoil and foreign matter and shall be capable of being broadcast at a rate of 100g/m².

Temporary topsoil heaps
The depositing of temporary heaps of topsoil shall be so arranged that possible damage to existing plants, lawns, pavements, drains etc. is avoided. Unless otherwise agreed by the Landscape Architect, temporary soil heaps shall be on protected ground. Such protection shall take the form of temporary, plastic sheeting, boards or similar covering. If damage does occur, it shall be made good at the contractor's own expense. Areas evaluated to receive topsoil but have not had the base loosened shall not be used as temporary soil storing areas. If the bottom of the excavation has been loosened off, loading on these areas is permissible.

Regrading topsoil
Prior to topsoil replacement the formation level shall be cleared of all stones, rubbish, debris and other material greater than 75mm. Areas to be covered or filled shall be covered by topsoil 100mm thick and areas to be planted shall be covered by topsoil 300mm thick. Topsoil shall be compacted in evenly compacted layers and shall be free from stones, lumps and debris with any one dimension greater than 50mm throughout its depth. Unless otherwise stated the finished level shall be the 200mm level. Topsoil shall be topped and spread until the subgrade has been inspected by a Landscape Architect.

Planting
Planting shall be to a depth of 25mm in the original ground, or where the ground is compacted, tamped and rebounded. The off-sets shall be as shown on the drawings. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced.

Soil improvement
When directed, compost, fertilisers or other additives shall be incorporated into the soil. Best maximum compost or animal slurry shall be spread to the specified depth and incorporated, by raking, into the top 100mm. Fertilisers, organic or inorganic, shall be added to the top 25mm.

Rejection of plants
All plant material should comply with the minimum requirements in BS 3095:1992. Specification for trees and shrubs and BS 3094:2007. Specification for landscape trees and BS 3094:2007. Trees from Nursery to Independent in the Landscape. Any plant material which is rejected shall be replaced at the contractor's expense. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced.

Planting
All plant material shall generally be planted between November and March in open cool weather. Planting shall not take place in frosty, snow or waterlogged conditions. Where approved, pots or container plants may be planted outside the specified season, but adequate watering shall be supplied. Topsoil damaged roots and branches shall be removed prior to planting.

Planting of white, transplants and shrubs
The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced.

Tree planting within soft landscape areas
All trees planted shall be in the following sizes unless otherwise specified:
Fastest trees - 800 x 1000 x 400
Heavy standards - 1000 x 1000 x 400
Heavy standards/Extra heavy standards - 1200 x 1200 x 400
The top 200mm of the pit shall be backfilled with soil (not to be imported) and the bottom 100mm of the pit shall be backfilled with soil (not to be imported) as specified unless directed otherwise.

Compost for planting pits
Compost shall be a proprietary product, bark based incorporating fertilisers and improving additives. The type of compost shall be approved before its delivery on site, and the details of the product shall be supplied. Compost shall be applied to the following rates:
Fastest trees - 40 litres
Selected standards - 10 litres
Heavy standards/Extra heavy standards - 80 litres

Stakes for trees
Stakes shall be selected round softwood, painted, minimum diameter 100mm. The stakes shall be driven into the base of the tree prior to planting the tree and backfilling. Stakes shall in general have a length above the finished ground level as follows unless directed otherwise:
Fastest trees - 1700mm (1 stake)
Selected standards - 2000mm (2 stakes)
Heavy standards/Extra heavy standards - 1200mm (2 stakes)
The stake shall be long enough to drive into the soil to the tree firmly without rocking.

Tree ties
Tree ties shall be the environmentally friendly NATURALITE tree ties sourced through the contractor. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced.

Planting of trees
The tree shall be set upright and to the same depth as grown in the nursery, the roots shall be spread in the pit and the soil level shall be the same as in the nursery. Backfilling should be done to ensure close contact between roots and soil by firming in layers (diamond). The soil shall be well watered and any soil voids shall be filled with loam, water, collected and carried off site.

Mulching
A 75mm compacted layer of medium grade perlite bark, with a particle size of not more than 100mm and containing no more than 10% fines, shall be spread to form a continuous layer covering the whole of the base, or the case of standard trees, where space shall be a minimum of 100mm. The mulch shall be applied to the base of the tree. The mulch shall be applied to the base of the tree. The mulch shall be applied to the base of the tree.

Planting of Bulbs
Bulbs shall not be allowed to dry out and shall be free of pests, diseases and fungus. Bulbs should be planted immediately upon delivery to site. Bulbs shall be in the minimum period in a dark, well-ventilated, protected area at 15-21 degrees Celsius. Certificates of purchase shall be provided upon inspection. Bulbs shall be planted according to species and in the areas shown on the soft landscape plan. When planting is required in drifts, the bulbs shall be scattered randomly over the allocated area and delivered to the site. The depth shall be as stated in the specification. The bulbs shall be planted to the depth of the mulch at the diameters stated above, secured with string pins. The tree pit surface shall be as in the specification.

Soil preparation and cultivation
All areas to be turfed shall be cultivated to a depth of at least 100mm, all weeds, stones and refuse larger than 50mm shall be removed to the contractor's satisfaction, and shall be brought to a site lift. Allow for hand cultivation where machine work is not possible.

Turf
Turf shall be extra-quality meadow turf and shall comply to BS 3095:1988 (A1) 2013 and shall be laid in accordance with BS 4428:1988 section 10. Turfing. The Contractor shall supply a sample approved by the Landscape Architect prior to the start of the work. The Contractor shall ensure that all turves are similar to the approved sample. The Contractor shall inform the Landscape Architect of the location of the supply, so that turf can be inspected prior to being used.

Laying
Turf shall be laid when weather and soil conditions are suitable and, where possible, preference should be given to autumn and early winter operations. No turf shall be laid in exceptionally dry or frosty weather or in other unsuitable weather conditions.

Delivery and stacking
For large areas, turf shall be delivered at appropriate intervals throughout the work so as to avoid waiting for long periods.

Laying
Turf shall be laid with the soil preparation has been satisfactorily completed by being brought to an even 150mm and firmness. Turves from the stack shall be selected to lay layers of plants laid closely side by side. Allowance for tree trunks shall be used to support operations and turves, and provide access. The turves shall be laid in consecutive rows with broken joints (interlocking), closely butted and to the ground level. The turf shall be laid off plants working over lawns previously laid. Where necessary, the turves shall be tightly and evenly forced with wooden beaters, the bottom of the beater being required to support close of accumulated soil or mud. A drawing of the turf after topsoil shall be applied and well watered into the joints. Any irregularities in finished levels shall be corrected by the contractor or unless considered of not shall be adjusted by using another paving the soil under the turf. A roller shall not be used. The finished levels shall be as shown on the drawings. Turf edges and margins shall be laid with whole turves. Turves adjoining buildings, walls or fences shall be seen to the face of the structure, being complete and cover.

Laying around trees
Turf shall not be laid to within 300mm of any tree trunk.

Watering
The Contractor shall be responsible for the replacement of any corrected turf. All necessary watering shall be carried out with operations or watering stages so as not to wash out of paths. If overwatering occurs and the joints open, the topsoil shall be tamped and well watered.

PROTECTION TO EXISTING TREES
The recommendations in BS 5837:2012, Trees in Relation to Design, Demolition & Construction must be complied with at all times.

MAINTENANCE
All maintenance to be carried out up to handover to the adopting authority/roadowner from the date of planting and turving to ensure successful establishment. At least, dressed, damaged plants must be replaced within the first five years after planting as per the planting condition, unless the local Planning Authority states in writing, any variation to this.

Watering
All trees to be kept weed free by hand weeding. Beds to be forked over as necessary to keep soil loose to approved carbers with no hedges.

Pruning
At appropriate time, prune plants to remove dead, dying or diseased wood and suckers to promote healthy growth and natural shape.

Watering
The Contractor shall ensure that sufficient water is applied to maintain healthy growth.

Litter
Site to be kept free of litter.

Grass cutting
The initial mow shall be carried out when the grass is apparent, blades are 20mm above ground. The Contractor shall continue cutting at appropriate intervals during the growing season and maintain 50mm high mown grass until grass has been established. At least, dressed, damaged plants must be replaced within the first five years after planting as per the planting condition, unless the local Planning Authority states in writing, any variation to this.

GRASS SEEDING AND MAINTENANCE

Soil Preparation and Cultivation
Final grading of topsoil shall be agreed by the Landscape Architect before cultivation and seeding. All areas to be seeded shall be cultivated to 100mm depth and all weeds, stones, and refuse larger than 50mm shall be removed to site. Cultivated soil shall be rolled and raked to produce a fine 20mm finish. Allow for hand cultivation where machine work is not possible. Seed sowing must immediately follow the preparation of the seed bed.

Seeding
Seeding shall be carried out during calm weather. All sowing to be at the contractor's own risk and any areas where germination fails shall be reseeded at the contractor's own expense. The contractor shall ensure that the grass seed is sown to a depth of 10mm. Areas to be seeded shall be sown during August or September or, if this is not possible, during April to May.

Seed Mix
The seed mix shall be A22 mix, obtainable from General Seeds GB. Grass seed shall be of the composition, purity and germination as specified in BS 4428:1988. Certificates of purchase shall be provided at all deliveries prior to the sowing of grass seed during sowing, records, purity and germination percentage. Alternative culture of the above species may only be used if approved by the landscape architect.

Protection of Newly Sown Areas
All reasonable precautions shall be taken to ensure that pedestrians and other traffic does not cross the grass areas during cultivation, seeding or until grass is established. Where directed, 'Short cutting' is occurring, the contractor shall erect an approved temporary fence so as to restrict the maintenance period or until such time as it is no longer necessary or as directed.

Final Cut
When the grass is 100mm high, it shall be cut down to 50mm so as to avoid root pulling. If the grass has been allowed to grow for longer than 100mm then the cuttings shall be raked off and taken to a suitable disposal site.

Second Cut
When the grass is 60mm high a second cut shall be carried out using a roller mower. No more than one third of the foliage may be removed.

Subsequent Cuts
Thereafter, when the grass grows to 100mm high, it shall be cut down to 50mm with a flat type mower, until the end of the maintenance period, or longer if directed. The grass shall be cut and taken to a suitable disposal site.

Making Good
Any defects such as shortages, ponding, sparse germination or disease shall be made good and reseeded at all above.

Damage to Existing Grass
The contractor shall be responsible for cultivating, seeding and maintaining as above areas of existing turf that are damaged during the course of the works for reasons of storage, working areas, transport or equipment. Existing areas which are specifically defined and measured in the contract.

Area areas, within the scope of the Landscape Architect, are considered during the course of the works, shall be landscaped with a type or other suitable material to ensure adequate drainage through the sub-soil.

WILDFLOWER SEEDING & MAINTENANCE

Preparation for seeding
No seeding shall be carried out in the wildflower areas until seed shall be sown into good soil. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced. The contractor shall be responsible for the removal of any existing plants, lawns, pavements, drains etc. which are to be replaced.

Seeding
Seeding shall be carried out during calm weather. All sowing to be at the contractor's own risk and any areas where germination fails shall be reseeded at the contractor's own expense. The contractor shall ensure that the grass seed is sown to a depth of 10mm. Areas to be seeded shall be sown during August or September or, if this is not possible, during April to May.

Watering
The contractor shall ensure that sufficient water is applied to maintain healthy growth.

Protection of newly sown wildflower areas
All reasonable precautions shall be taken to ensure that pedestrians and other traffic does not cross the grass areas during cultivation, seeding or until grass is established. Where directed, 'Short cutting' is occurring, the contractor shall erect an approved temporary fence so as to restrict the maintenance period or until such time as it is no longer necessary, or as directed.

Final cut of wildflower meadow
Areas seeded during August to September shall be cut lightly in the spring using a flatbed mower. Areas seeded during April to May shall be cut in October when flowering is over. In both cases, all cuttings shall be raked up and removed from site.

Mowing
Mowing shall be carried out during calm weather. All mowing to be at the contractor's own risk and any areas where germination fails shall be reseeded at the contractor's own expense. The contractor shall ensure that the grass seed is sown to a depth of 10mm. Areas to be seeded shall be sown during August or September or, if this is not possible, during April to May.

Making good
Any defects such as shortages, ponding, sparse germination or disease shall be made good and reseeded at all above.

Amends to client comment	15/08/23	NC	B
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Arboriculture

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Project
Former Royd Edge Dyeworks, Holmfirth Road,
Meltham

Title
Landscape Proposal

Sheet 2 of 2

Date
Aug 2023

Scale(s)
1:1,200

Dwg no
7241.02

Rev
B

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Checked
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