



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

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

- 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
- above adjoining paving. Finished level of topsoil in shrub beds to be 50mm lower than adjacent edge to allow
- a medium tilth and all weeds, stones and other debris arising from this work are to be collected and removed
- planting beds at a rate of 20 litres/m² and work into the top c - Shrubs to be sited in locations, numbers and densities
- 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.
- 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 cut face at an even
- g A 50mm layer of matured conifer 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
- Standard / Feathered trees -1000 x 1000 x 1000mm
- b Loosen base to a further depth of 200mm and scarify sides. Dispose of unsuitable excavated material off site to
- Trees to be double staked with stakes positioned parallel to the adjacent kerb line or paving. Tree stakes to be pressure treated, minimum diameter 65mm and pointed at one end. Stakes to be driven into the pit before planting to

d - Trees 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: 60 litres/tree Feathered trees Standard trees 95 litres/tree

120 litres/tree

Sem-mature trees - 150 litres/tree e - Trees to be tied to the supporting stakes with adjustable reinforced rubber tree ties with solid rubber spacers. positioned at an approved point suitable to the habit of the

Heavy standard trees -

- Proposed trees within 3m distance from buildings or services, or within 2.5m of roads/parking areas are to have root barriers installed
- Water to be applied to all trees and transplants on the same day as planting:-Feathered trees Standard trees 36 litres/tree Heavy Standard trees - 42 litres/tree

Extra Heavy standard - 48 litres/tree

Grass Seeding

- a Areas for seeding to have topsoil depths of min. 150mm apart from wildflower areas where seed should be sown
- directly onto subsoil. b - One month prior to sowing, areas shall be harrowed to a depth of 100mm followed by chain harrowing to a depth of 50mm to produce a fine tilth. Finished surfaces to be rolled 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
- d All grassed and broad-leaved plants which emerge between cultivations and seeding shall only be treated with an approved translocated herbicide before sowing.

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.

New areas to be married in to adjoining soiled areas. **Final Cultivations**

a - The surface for seeding should be 25mm deep and free from weeds and stones.

Grass Seed Mixes

- a Germinal Seeds Ref: 'A22 Low Maintenance' sown at recommended rate of 50g/m², or similar approved.
- Germinal Seeds Ref: 'RE3 River Floodplain / Water Meadow' sown at recommended rate of 5g/m², or similar
- c Germinal Seeds Ref: 'WFG18 Butterfly and Honeybee' sown at recommended rate of 5g/m², or similar approved.

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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 weed seed and other crop seeds content shall not be more than 15. Seeds shall be obtained at least 21 days before

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 mixes are to be sown onto a minimum.

d - After sowing, all amenity grass areas are to be onsolidated using an approved type ringed roller.

e - Sowing shall be carried out in suitable weather conditions

of 150mm depth of topsoil on min. 300mm subsoil.

in transverse directions. After sowing, ground to be lightly

raked and all stones over 12mm gauge shall be removed. with the planning conditions.

secured to stakes using adjustable rubber tree ties.

a - Ensure soil below is prepared correctly, level and lightly watered before laying the turf. Each row of turf should be - Keep shrub beds and areas around trees free from annual laid so that joints are offset by min 300mm. Start laying and perennial weeds by hand weeding. All arisings to be along a straight side in a row butt jointing the ends tightly removed from site. Allow 7 no. visits per year.

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 soil/sand mixture. Ensure complete contact between the soil and the underside of the turf and if necessary use a

flat board or head of a rake to lightly firm down the turf. 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. First cut to be undertaken once

grass sward is long enough to cut. Grass Subsidence/Damage

LEGEND

a - Any subsidence of seeded or turfed areas below the specified levels shall be made good and re-seeded. These

works shall be rectified a 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

a - Contractor shall be entirely responsible for all watering necessitated by dry weather and it shall be undertaken by stationary rotary sprays.

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

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 this time b - The Contractor shall carry out maintenance work at suitable intervals and in suitable weather conditions.

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

Tree planting to be double staked using 75mm diameter pointed softwood

1500mm below finished soil level and be 600mm above ground. Trees to be

stakes treated with Tanalith E Class 4.0. Stakes to be driven into ground

Existing surveyed trees 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 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

Existing grassed areas to be retained and protected during construction and made good

Proposed wildflower seed mix to be Germinal Mix 'RE3 River Floodplain / Water Meadow (MG8 Grassland)' sown at the recommended rate of 5g/m2. To be left uncut and

Proposed wildflower seed mix to be Germinal Mix 'WFG18 Butterfly & Honeybee' sown at

Hedge planted in double staggered row into 450mm topsoil on 400mm subsoil

approved planting compost 80 litres per 4sq m worked into top 200mm. Include

for Enmag slow release fertilizer at 20 grams per plant. 50mm layer of approved

Shrub planting on 450mm topsoil on subsoil min 400mm deep relieved by hand

subsoil.

fully relieved by hand or machine to full depth. Topsoil to be mixed with

or machine to full depth with 50mm approved bark mulch to surface.

Existing groups of trees / vegetation / hedges to be retained and protected in

Proposed shrub planting to include pollinators. Refer to schedule for details.

as required and in accordance with the Arboricultural Report.

Existing trees to be removed as part of the development.

Proposed tree planting. Refer to schedule for details.

accordance with BS 5837:2012.

recommended rate of 50g/m2.

as required on completion.

strimmed only twice per year.

bark mulch to surface.

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

Proposed grassed area laid on min.

150mm approved topsoil on 300mm

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

Weed Control

- Apply translocated herbicide to shrub beds using weed wiper. Allow 3 visits a year with dead weed growth removed after each visit.

a - Bark mulch to be reinstated to original depths at the end of

each growing season. Allow 1 no. visit per year.

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/visi Semi-mature trees 48 litres/tree/visit Shrubs 5 litres/plant/visit

a - At the end of the establishment period, 30gms of slow release fertliser 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 operations 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

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

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.

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