



NOTES:

All planting, turfing and seeding to be undertaken within the first planting season following the completion of construction of the development. The landscape contractor will make himself aware of the service locations prior to commencing planting operations and no tree will be planted closer than 5m to any adoptable cable or 3m to any private cable. Suitable rabbit guards, fencing, or shelters will be used to protect plants from damage until established. Tree guards will be removed once the planting is established. Bare root stock to be secured with a cane. Refer to Arboriculture Survey for details on existing trees.

TOPSOIL

At the time of starting work areas to be planted will be covered by either:
 -- Undisturbed topsoil prepared as necessary by the Main Contractor so that it is a suitable state for the cultivation operations as stated below.
 -- Topsoil to be 450mm for shrub planting.
 -- Topsoil to be 150mm for turf.

IMPORTED TOPSOIL FOR PLANTED AREAS

-- Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
 -- To BS 3882, grade: General Purpose
 -- Source to be confirmed by the Contractor.
 -- Provide a declaration of analysis including information detailing each of the relevant parameters given in BS 3882, clause 6 and table 2 for the grade of topsoil specified.

CULTIVATION

-- Break up any compacted topsoil to full depth.
 -- Within a few days before planting, but in suitably dry weather and ground conditions, cultivate top 300mm of all planting beds, using suitable plant to loosen, aerate and break up the soil into particles of 2-8mm.
 -- Spread well rotted organic material, subject to approval.
 -- Leave surface regular and even.
 -- Remove weeds, perennial weed roots and undesirable material brought to the surface including stones and clods larger than 25mm in any dimension, roots, tufts of grass and foreign matter.
 -- Do not dig or cultivate within the root spread of trees and shrubs to be retained.

MATERIALS AND WORKMANSHIP

-- Materials and workmanship shall generally be in accordance with the following documents - BS3936 Nursery Stock and BS4428. Recommendations for General Landscape Operations.
 -- Plant material to be the sizes and dimensions as stated in the schedule and shall be healthy with good fibrous root systems.

HERBICIDES

-- Allow for a pre-application of an approved translocated systemic herbicide to planting areas by suitable spraying apparatus to the manufacturer's instructions and in line with the 1997 Control of Pesticides Regulations and 2003 COSHH.

PLANTING

-- Retain existing grass where possible. Replace disturbed grass areas with new turf and topsoil.
 -- All ornamental shrubs or hedging plants to be planted in pits 150mm wider and deeper than their root ball.
 -- Pits to be back filled with topsoil and slow release fertiliser at an appropriate rate.
 -- All planted areas are to be mulched.
 -- All shrubs to be well watered in at the time of planting and during dry spells.

MEADOW GRASSLAND

- Detailed sowing and management advice for all mixes is available from the seed supplier and should be followed.
 - Grassed areas as indicated on the plan to be seeded where necessary during October - April in good weather and not before a frost.
 - Application Rate/Method/Distribution: According to manufacturer's recommendations.
 - Sow areas with species rich native meadow grassland mix at 4 per m2 during autumn, winter or spring. Protect newly seeded areas.
 - Mow in first year when sward reaches c.100mm.
 - Mow twice annually in early spring (March) and late summer (August-September) Arisings left for 48 hours prior to removal
 - Collect and remove all litter, stones or other debris prior to grass cutting operations. Do not mow grassland adjacent to bases of hedgerows / woodland / shrub planting. Remove arisings.

PONDS

-- See engineer's drawing for dimensions.
 -- Removal of up to 1/3 of vegetation annually during autumn on a rotational basis. Arisings left for 48 hours prior to removal.
 -- Monitor presence and dominance of blanket weeds (*Cladophora* sp., *Rhizoclonium* sp., *Enteromorpha* sp. & *Spirogyra* sp) and duckweed *Spirodela polytriza* & *Lemna* sp. Physical removal where required.
 -- Monitor for presence of WCA Schedule 9 Invasive plants. Control methods if required to follow EA guidance and be undertaken by remediation specialists.

TREES

-- All trees to be planted in tree pits @ 1000mm x 1000mm x 750mm or at suitable size to accommodate root/container size.
 -- All trees should be staked or double staked using pointed softwood / peeled hestnut / lurch or oak stakes, free from projections and large or edge knots and tied above ground.
 -- All trees in shrub beds located within 3m of any services to have their roots directed downwards by the installation of Reroot 600 or Reroot 1000 dependant on ground conditions and service locations.
 -- Suitable rabbit guards, fencing, or shelters will be used to protect plants from damage until established. Existing trees adjacent to the feature will be left uncut and managed in a similar way to standard trees. Tree guards will be removed once the planting is established.
 -- All trees within 3m of any services to have their roots directed downwards by the installation of Greenblue Urban Root Director (or similar approved) dependant on ground conditions and service locations.

GRASSED AREAS

- The contractor should use machines of appropriate size, shape and type for the work method involved. All litter, stones and other debris should be collected and removed by the contractor immediately prior to grass cutting.
 - Provision should be made for weed control (using a suitable approved herbicide) of the following injurious weeds; common ragwort, thistles, docks, Japanese knotweed, giant hogweed and Himalayan balsam, should they occur on site within the management period.
 - Care should be exercised by the contractor when cutting or strimming around trees and hedges to avoid damage to plant stock. Grass immediately adjacent to hedgerows and trees should be left uncut.

INITIAL 12 MONTH MAINTENANCE

- Regular maintenance visits shall be undertaken following planting to maintain all areas in a weed and litter free condition and to ensure the healthy establishment of all planting stock. Re-seed any existing areas of grass damaged by the works.
 - For the first 12 months following practical completion the maintenance is the responsibility of the landscape contractor who undertook the implementation.
 - During the maintenance period all areas of planting shall be watered, dependant on prevailing weather conditions, to ensure healthy establishment of all stock, any defects shall be replaced and replanted in the next planting season.
 - In addition to mowing and watering, all planting shall be maintained/inspected a minimum of 4 times annually to aid establishment and appearance.
 - Maintenance operations shall include: All areas to be kept weed free by spot treatment with contact herbicide or hand weeding/ forked out, dead wood to be pruned out, pruning of epicormic growth or suckers from stems shall be removed without exposing live tissue, all prunings to be removed from site.
 - Suitable rabbit guards to be used where appropriate until plants have established.

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