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This specification relates to the provision of additional planted areas and enhancement of existing planted areas.

The specification will cover the following points;

Details on sizes of plants at planting.

Means of cultivation / planting i.e. pit or trench planted along with sizes of pit / trench, soil improvement to soil backfill - compost, root grow etc...

Means and depth of mulching.

The landscape objectives are to,;

Provide screening or softening of views where required
Enhance biodiversity. This will be achieved by: Planting native plants where space allows to the north west and south east site boundaries. The planting plan offers new planting as a resource for biodiversity and green setting.

Work to be carried out in accordance with the following standards:

British Standards:

- BS 3882:2015 Specification for topsoil
- BS 8601:2013 Specification for subsoil and requirements for use
- BS 5837:2012 Trees in relation to design, demolition and construction

- BS 8545:2014 Trees from nursery to independence in the landscape
- BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces)

Site clearance:

Remove any bramble, rubbish, concrete, metal, glass, decayed vegetation, contaminated substrate and stones with largest dimension exceeding 100mm. Contamination includes steel, concrete, rubble, fuel, lubricants or other substances injurious to plant growth.

Soil conditions:

Do not work in waterlogged conditions, when the ground is frozen or covered by snow, or when there are pools of water on the ground surface or following sustained heavy rainfall eg >10mm in 24 hours. Cultivate and plant into moist friable soil.

Provide adequate additional root protection and prevent planting pit sides and bases and backfill materials from freezing.

Climatic conditions:

Carry out the work while soil and weather conditions are suitable for the relevant operations. Do not plant during periods of frost or strong winds. Bare root planting to be restricted to the 'lifting' season, generally November to March.

Machines and tools:

Use only machinery and tools suitable for the site conditions and the work to be carried out.

Excavation:

Ensure the location of all services is known before any excavation operations. Individual pits.

Soils:

The following hierarchy to be followed to reduce soil handling:

If soils are suitable and in the right location, protect during the construction period in-situ by adequate. BS 15176: 2019 Guidance on the characterization of excavated soil and other materials intended for reuse.

Top Soil to be laid to 300mm deep.

BS 3882:2015 Specification for topsoil

BS 8601:2013 Specification for subsoil and requirements for use

Defra Code of Practice for the Sustainable Use of Soils on Construction Sites

No spreading after sustained heavy rainfall over 100mm in 24 hours. Ensure topsoil is loose tipped in layers of 0.2m maximum, and not firmed, consolidated, or compacted when laying by tipping and grading to approximate levels in one operation with minimum trafficking by plant in line with Landscape National Building Specification.

Place sufficient depth to allow for topsoil settlement. Batter/feather in local levels to achieve smooth rounded profiles and ensure falls are positive to reduce the risk of water ponding.

Backfill to the following depths for subsoil (to BS8601:2013) and topsoil (to BS3882:2015):

Planting Subsoil depth mm 300mm Topsoil depth mm 300mm

Organic Mulching

1. Prepare the Area: Clear any existing weeds or debris from around the base of the clematis.
2. Apply the Mulch: Spread a 75mm layer of mulch around the base of the plant, keeping it 50mm away from the stems.
3. Maintain the Mulch: Replenish the mulch layer as needed, especially if it decomposes or becomes thin.

Plant Supply:

5L Potted Nursery Stock to BS 3936 Part 1 'Nursery stock specification for shrubs'

Name, forms, dimensions and other criteria as scheduled and defined in the National Plant Specification. If specified plants are unobtainable or known to be likely to be unobtainable at the time of ordering, obtain approval before making any substitution.

Plants should be: Materially undamaged, sturdy, healthy, vigorous, of good shape and without elongated shoots. Grown in suitable environment and hardened off. Free from pests diseases, discoloration, weeds and physiological disorders. Budded or grafted plants to be bottom worked unless otherwise specified or approved. UK grown. Produced in peat-free compost. Evenly spaced lateral roots with minimum four major laterals.

Evenly spaced, well developed fibrous roots. An intact root-ball with the root-flare clearly visible.

Plant Handling:

Handling of plants to HTA National Plant Specification and the Committee for Plant Handling and Establishment

Part 3 'Recommendations for Plant Handling from Delivery to Successful Establishment' and BS 8545:2014

All plants delivered on racks.

Protect plants from frost and from drying out.

Handle plants with care. Protect from mechanical damage and do not subject to shock eg. by dropping from a vehicle.

All plant material is to be carefully lifted, adequately and carefully packed and protected for delivery to site. Plants should not be lifted and stored on the delivery vehicle overnight.

Ideally plants should be lifted, delivered to the site and planted on the same day. On delivery to site, bare-root or root-balled plants, should be stacked together, away from the effects of the drying winds, their roots being covered with sand or fine soil and watered to prevent drying out. Plants may require to be heeled-in, using prepared trenches, covered with soil (fine material) and watered thoroughly. Stored plants should be checked regularly to ensure their root systems are fully covered and that the soil (fine material) is kept moist.

Planting:

Set out plants evenly to density and quantities shown, arranged to avoid straight lines and geometric patterns. Plant to the nursery soil depth, face up to present best side, and firm in.

For bare root stock, dip in a proprietary alginate prior to planting such as Alginure/Broadleaf P4 anti-desiccant gel before planting.

Mulch specification:

Generally an amenity grade of bark mulch is required. Spread evenly to a depth of 50mm, increasing to 75mm

around trees. Ensure no plant foliage is covered by mulch, lift all ground cover foliage above.

Immediate aftercare:

Immediately after planting cut back any damaged, dead or diseased, weak, thin or malformed growth.

Water as necessary to ensure the establishment and continued thriving of all planting. Ensure the full depth of topsoil is thoroughly wetted. Use a fine rose where appropriate to avoid damaging or loosening plants.

Size Density No

A 6 no. Barberry -*Berberis*spp.

B 2 no. Currant -*Ribes*spp.

C 4no. English Lavender -*Lavandula angustifolia*

D 2 no. *Forsythia*spp.

E 1 no. Hazel-*Corylus avellana*

F 4 no. Heather (Ling)-*Calluna vulgaris*

H 3 no. Holly-*Ilex aquifolium*

I 3 no. Honeysuckle-*Lonicera periclymenum*

MANAGEMENT

For new planting and seeding areas undertake maintenance visits in April, May, July, and September.

During the 5 year establishment phase carry out maintenance of the planted areas as follows:

MONITORING AND REMEDIAL MEASURES

An annual walkover will be undertaken by the applicant to monitor establishment success, with any plants or areas that fail to thrive during the 5 year establishment phase to be replaced in the next suitable planting season. Replacements will match the size of adjacent or nearby plants of the same species or should match the original specification, whichever is the greater.

PLANTING DETAIL

Plant in a single row, cover hedge area with organic mulch to 50mm depth x 800mm width. full width bark mulch to 50mm from plant. site-won topsoil to BS3882: 2015 to 300mm depth trench width 750mm and top slightly domed to shed water.

Please see layout SD1045 02 for details