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**Chilcomb Court,
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Landscape Specification

Feb 2024

Project No. 1046

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Q28

Topsoil and soil ameliorants

System outline

135 Planting bed topsoil system

1. Description: FOR GENERAL PLANTING AREAS
2. Composition
 - 2.1. Topsoil: Imported topsoil to BS 3882
 - 2.2. Ameliorants: Organic materials Fertilizer
 - 2.3. Accessories: None

145 Planting pit backfilling topsoil system

1. Description: FOR ALL TREE PITS
2. Composition
 - 2.1. Topsoil: Imported topsoil to BS 3882
 - 2.2. Ameliorants: Organic materials Organic materials Organic materials Fertilizer
 - 2.3. Accessories: Mycorrhizal inoculant

Products

300 Preparation materials generally

1. Purity: Free of pests and disease.
2. Foreign matter: On visual inspection, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, and the like.
3. Contamination: Do not use topsoil contaminated with subsoil, rubbish or other materials that are:
 - 3.1. Corrosive, explosive or flammable.
 - 3.2. Hazardous to human or animal life.
 - 3.3. Detrimental to healthy plant growth.
4. Subsoil: In areas to receive topsoil or planting media, do not use subsoil contaminated with the above materials.
5. Objectionable odour: None.
6. Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil or planting media to be imported.

305 Permitted materials

1. Materials: Composted bark
2. Give notice: before ordering or using.
3. Declaration of compliance in accordance with BS EN 13650: Required

310 Materials not permitted

1. Materials: Products containing peat

315 Imported topsoil to BS 3882

1. Description: FOR PLANTING BEDS FOR TREE PITS

2. Quantity: Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
3. Standard: To BS 3882.
4. Classification: Multipurpose
- 4.1 Soil textural class to BS 3882, Figure 1:
5. Source: Contractor's choice
- 5.1 Product reference: Submit proposals

355 Organic materials

1. Description: FOR PLANTING BEDS
2. Type: Manure, Spent mushroom compost, Well-rotted leaf mould
3. Source: Contractor's choice
- 3.1 Product reference: Submit proposals

380 Mycorrhizal inoculant

1. Description: FOR TREE PITS
2. Manufacturer: Contractor's choice
- 2.1 Product reference: Submit proposals

385 Water retention gels

1. Description: FOR TREE PITS
2. Type: Agri-polymer gel
3. Manufacturer: Contractor's choice
- 3.1 Product reference: Submit proposals
4. Accessories: None

Execution

610 Topsoil analysis

1. Soil to be analysed:
2. Soil analyst:
3. Samples: Collect in accordance with BS 3882.
4. Submit
- 4.1. Declaration of analysis: In accordance with BS 3882, clause 6 and Table 1.
- 4.2. Additional analysis:
- 4.3. Report detailing soil analyst's recommendations.

620 Importing topsoil

1. Give notice: Before stripping topsoil for transfer to site.
 - 1.1. Notice period:

625 Sample loads

1. Description:
2. Deliver to site a sample load:
3. Give notice: Allow inspection before making further deliveries to site. Retain for comparison with subsequent loads.

630 Documentation for imported topsoil

1. Description:
2. Timing: Submit at handover.
3. Contents
 - 3.1. Full description of all soil components.
 - 3.2. Record of source for all soil components.
 - 3.3. Record drawings showing the location and depth of all soils by type and grade.
 - 3.4. Declaration of analysis: in accordance with BS 3882, clause 6 and Table 1.
4. Number of copies: 3

640 Documentation for preparation materials

1. Description:
2. Timing: Submit at handover.
3. Contents
 - 3.1. Full description of all components.
 - 3.2. Record of source for all components.
 - 3.3. Analyst's report for each test carried out.
 - 3.4. Supplier's declaration of compliance with BSI PD CR 13456.
4. Number of copies: 3

650 Notice

1. Give notice before
 - 1.1. Setting out.
 - 1.2. Spreading topsoil.
 - 1.3. Applying herbicide.
 - 1.4. Applying fertilizer.
 - 1.5. Visiting site during maintenance period.
2. Period of notice: 5 DAYS

655 Mechanical tools

1. Restrictions: Do not use within 100 mm of tree and plant stems. Do not damage adjacent planting.

670 Inspecting formations

1. Give notice: Before spreading topsoil for all planting areas
2. Notice period: 5 days

675 Preparation of undisturbed topsoil

1. Standard: In accordance with BS 4428.
 - 1.1 Grading and cultivation:
2. Hard ground: Break up thoroughly.
3. Clearing: Remove visible roots and large stones with a diameter greater than
4. Areas covered with turf or thick sward: Plough or dig over to full depth of topsoil.
5. Fallow period (minimum): 2 weeks
 - 5.1 Weed control: At appropriate times

680 Surplus topsoil to be retained

1. Generally: Spread and level on site:
- 1.1. Locations: contractors choice
- 1.2. Protected areas: Do not raise soil level within root spread of trees that are to be retained.

685 Surplus materials to be removed

1. Topsoil removal from site:
2. Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

700 Grading of topsoil

1. Topsoil condition: Reasonably dry and workable.
2. Contours: Smooth and flowing, with falls for adequate drainage.
- 2.1 Hollows and ridges: Not permitted.
3. Give notice: If required levels cannot be achieved by movement of existing soil.

705 Handling topsoil

1. Standard: In accordance with BS 3882.
2. Aggressive weeds: Give notice and obtain instructions before moving topsoil.
3. Plant: Select and use plant to minimize disturbance, trafficking and compaction.
4. Contamination: Do not mix topsoil with:
 - 4.1 Subsoil, stone, hardcore, rubbish or material from demolition work.
 - 4.2 Other grades of topsoil.
5. Multiple handling: Keep to a minimum. Use or stockpile topsoil immediately after stripping.
6. Wet conditions: Handle topsoil in the driest condition possible. Do not handle during or after heavy rainfall, or when the moisture content is greater than the plastic limit.

710 Spreading topsoil on:

1. Description:
2. Standard: In accordance with BS 3882.
3. Temporary roads/ surfacing: Remove before spreading topsoil.
4. Layers
 - 4.1. Depth (maximum): 150 mm.
 - 4.2. Gently firm each layer before spreading the next.
5. Depth after firming and settlement:
6. Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.

715 Loose tipping of topsoil

1. Standard: In accordance with BS 3882.
2. General: Do not firm, consolidate or compact topsoil when laying. Tip and grade to approximate levels in one operation with minimum of trafficking by plant.

718 Final cultivation

1. Description:
2. Compacted topsoil: Break up to full depth.
3. Tilth: Loosen, aerate and break up topsoil to a tilth suitable for blade grading.

4. Depth:
5. Particle size (maximum):
6. Timing:
7. Weather and ground conditions: Suitably dry.
8. Surface: Leave regular and even.
9. Levels:
10. Undesirable material brought to the surface
- 10.1. Remove visible weeds.
- 10.2. Remove roots and large stones with any dimension exceeding 20mm.....

720 Finished levels of topsoil after settlement

1. In relation to adjoining paving, kerbs or hard surfaces:
2. In relation to dpc of adjoining buildings: Not less than
3. In relation to adjacent grass areas:
4. Seeded areas: Extend cultivation into existing adjacent grassed areas sufficient to ensure full marrying in of levels.
5. Within root spread of existing trees and shrubs to be retained: Do not dig or cultivate.
6. Adjoining soil areas: Marry in.

805 Applying soil ameliorant

1. Description: To all planted areas
2. Type: Well rotted manure, spent mushroom compost, composted bark
3. Fully incorporate into topsoil to a depth of 100mm
4. Application: Spread evenly.
- 4.1. Timing: Apply prior to cultivation.
- 4.2. Rate: Apply as 75mm depth and work in
5. Timing: Prior to cultivation.
6. Other requirements:

820 Applying general fertilizer

1. Description: Growmore 7:7;7
2. Application: Spread evenly, carefully incorporating below mulch materials.
- 2.1. Timing: Immediately before cultivation.
- 2.2. Application rate: as manufacturers recommendations

Ω End of Section

Q30

Seeding/ turfing

General information/requirements

115 Seeded and turfed areas

1. **Growth and development:** Healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.
2. **Appearance:** A closely knit, continuous ground cover of even density, height and colour.

120 Climatic conditions

1. **General:** Carry out the work while soil and weather conditions are suitable.

145 Watering

1. **Quantity:** Wet full depth of topsoil.
2. **Application:** Even and without displacing seed, seedlings or soil.
3. **Frequency:** As necessary to ensure the establishment and continued thriving of all seeding/turfing.

146 Watering

1. **Quantity:** Wet full depth of topsoil.
2. **Application:** Even and without displacing seed, seedlings or soil.
3. **Frequency:** When instructed

150 Water restrictions

1. **Timing:** If water supply is or is likely to be restricted by emergency legislation do not carry out seeding/turfing until instructed. If seeding/turfing has been carried out, obtain instructions on watering.

160 Notice

1. Give notice before
 - 1.1. Setting out.
 - 1.2. Applying herbicide.
 - 1.3. Applying fertilizer.
 - 1.4. Preparing seed bed.
 - 1.5. Seeding or turfing.
 - 1.6. Visiting site during maintenance period.
2. **Period of notice:** 5 days

170 Setting out

1. **Boundaries:** Mark clearly.
2. **Delineation:** In straight lines or smoothly flowing curves as shown on drawings.

Preparation

210 Herbicide

1. **Description:** FOR ALL GRASSED AREAS
2. **Type:** Suitable for suppressing perennial weeds.

3. Timing: Allow fallow period before cultivation.
- 3.1. Duration: As manufacturer's recommendation

212 Seed bed cleaning before sowing

1. Description: ALL GRASSED AREAS
2. Operations: Kill pernicious weeds with selective contact herbicide.

250 Soil requirements

1. Type
- 1.1. Seeded areas: Existing topsoil
- 1.2. Turfed areas: Existing topsoil
- 1.3. Reinforced grass areas: Existing topsoil

Seeding

310 Grass seed

1. Description: FOR ALL GRASSED AREAS FOR ALL GRASSED AREAS
2. Mixture: 35% Chewings fescue, 35% Slender red fescue, 20% Smooth stalked meadow grass, 10% Brown top bent
3. Application rate: 20–35 g/m²

319 Quality of seed

1. Description: FOR ALL GRASSED AREAS
2. Freshness: Produced for the current growing season.
3. Certification: Blue label certified varieties.
- 3.1. Standard: EC purity and germination regulations.
- 3.2. Official Seed Testing Station certificate of germination, purity and composition: Submit when requested.
4. Samples of mixtures: Submit when requested.

330 Sowing

1. General: Establish good seed contact with the root zone.
2. Method:
- 2.1. Distribution: Broadcast in two equal transverse operations

335 Grass sowing season

1. Grass seed generally: April to October

340 Pre-emergent herbicide

1. Description: FOR ALL GRASSED AREAS
2. Standard: Pesticide Safety Directorate approved.
3. Application rate: In accordance with manufacturer's written recommendation.
- 3.1. Timing: Immediately after sowing.

352 Edges to seeded areas

1. Description: ADJACENT TO PLANTING BEDS AND TREE PITS
2. Timing: After seeded areas are well established.

3. Edges: Clean straight lines or smooth curves.
- 3.1 Mulch and soil: Draw back to permit edging.
4. Arisings: Remove.
5. Completion: Respread soil and mulch.

Turfing

430 Turfing generally

1. Time of year: Autumn or early winter
2. Timing of laying
 - 2.1. Spring and summer: Within 18 hours of delivery.
 - 2.2. Autumn and winter: Within 24 hours of delivery.
3. Weather conditions: Do not lay turf when persistent cold or drying winds are likely to occur or soil is frost bound, waterlogged or excessively dry.
4. Working access: Planks laid on previously laid turf. Do not walk on prepared bed or newly laid turf.
5. Jointing: Laid with broken joints, well butted up. Do not stretch turf.
6. Edges: Whole turfs, trimmed to a true line.
7. Adjusting levels: Remove high spots and fill hollows with fine soil.
8. Consolidating: Lightly and evenly firm as laying proceeds to ensure full contact with substrate. Do not use rollers.
9. Dressing, brushed well in to completely fill all joints: None
10. Watering: Thoroughly water completed turf immediately after laying. Check that water has penetrated into the soil below.

Protecting/cutting

530 First cut of grassed areas

1. Timing: When grass is reasonably dry.
 - 1.1 Height of initial growth: 40-75 mm
2. Preparation
 - 2.1. Debris and litter: Remove.
 - 2.2. Stones and earth clods larger than 25 mm in any dimension: Remove
3. Height of first cut: 40 mm
4. Mower type: Rotary
5. Arisings: Remove from site

590 Cleanliness

1. Soil and arisings: Remove from hard surfaces.
2. General: Leave the works in a clean, tidy condition at Completion and after any maintenance operations.

Maintenance

610 Failures of seeding/ turfing

1. Duration: Carry out the following operations from completion of seeding/ turfing until: practical completion.
2. Defective materials or workmanship: Areas that have failed to thrive.

- 2.1 Exclusions: Theft or malicious damage.
3. Method of making good: Recultivation and reseeded/ returfing.
4. Timing of making good: The next suitable planting season

620 Maintaining

1. Description: GENERAL GRASSED AREAS
2. Duration: Carry out the following operations from completion of seeding/ turfing until: practical completion.
3. Maximum height of growth at any time: 35 mm
4. Preparation: Before each cut remove all litter and debris.
5. Cutting: As and when necessary to a height of 35 mm.
- 5.1 Arisings: Remove
6. Bulb planting areas: Do not cut until bulb foliage has died down.
7. Trimming: All edges.
- 7.1 Arisings: Remove.
8. Weed control: Substantially free of broad leaved weeds.
- 8.1 Method: Application of a suitable selective herbicide.
9. Stones brought to the surface: Remove regularly.
- 9.1 Size: Exceeding 25 mm in any dimension.
10. Areas of settlement: Make good.
11. Watering: When instructed

Ω End of Section

Q31

External planting

General information/ requirements

112 Site clearance generally

1. General: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.
2. Stones: Remove those with any dimension exceeding 50 mm.
3. Contamination: Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
4. Vegetation:
5. Large roots: Grub up and dispose of without undue disturbance of soil and adjacent areas.
6. Additional requirements: The site comprises an old gas works. Do not break capping layer .

118 Soil conditions

1. Soil for cultivating and planting: Moist, friable and (except in aquatic/ marginal planting) not waterlogged.
2. Frozen or snow covered soil: Give notice before planting. Provide additional root protection. Prevent planting pit sides and bases and backfill materials from freezing.

120 Climatic conditions

1. General: Carry out the work while soil and weather conditions are suitable.
- 1.1 Strong winds: Do not plant.

125 Times of year for planting

1. Deciduous trees and shrubs: Late October to late March.
2. Conifers and evergreens: September/ October or April/ May.
3. Herbaceous plants (including marginal): September/ October or March/ April.
4. Container grown plants: At any time if ground and weather conditions are favorable.
- 4.1 Watering and weed control: Provide as necessary to maintain healthy growth.
5. Dried bulbs, corms and tubers: September/ October.
6. Colchicum (crocus): July/ August.
7. Green bulbs: After flowering in spring.
8. Wildflower plugs: Late August to mid November or March/ April.

130 Mechanical tools

1. Restrictions: Do not use within 100 mm of tree and plant stems.

145 Watering

1. Quantity: Wet full depth of topsoil.
2. Application: Even and without damaging or displacing plants or soil.
3. Frequency: As necessary to ensure establishment and continued thriving of planting.

146 Watering

1. Quantity: Wet full depth of topsoil.
2. Application: Even and without damaging or displacing plants or soil.

3. Frequency:

150 Water restrictions

1. **General:** If water supply is or is likely to be restricted by emergency legislation, do not carry out planting until instructed. If planting has been carried out, obtain instructions on watering.

160 Notice

1. Give notice before
 - 1.1. Setting out.
 - 1.2. Applying herbicide.
 - 1.3. Applying fertilizer.
 - 1.4. Delivery of plants/ trees.
 - 1.5. Planting shrubs.
 - 1.6. Planting trees into previously dug pits.
 - 1.7. Watering.
 - 1.8. Visiting site during maintenance period.
2. Period of notice: Three working days

170 Soil requirements

1. Type

200 Plants/ Trees – general

1. **Condition:** Materially undamaged, sturdy, healthy and vigorous.
2. **Appearance:** Of good shape and without elongated shoots.
3. **Hardiness:** Grown in a suitable environment and hardened off.
4. **Health:** Free from pests, diseases, discoloration, weeds and physiological disorders.
5. **Budded or grafted plants:** Bottom worked.
6. **Root system and condition:** Balanced with branch system.
7. **Species:** True to name.
8. **Origin/ Provenance:**
9. **Definition:** Origin and Provenance have the meaning given in the National Plant Specification.

215 Plants/ Trees – specification criteria

1. **Name, forms, dimensions, provenance and other criteria:** As scheduled and defined in the National Plant Specification (available on CS Design Software Limited's website).

216 Plants/ Trees – specification criteria

1. **Name, forms, dimensions and other criteria:** To the relevant part of BS 3936.

225 Bulbs/ Corms/ Tubers

1. **Condition:** Firm, entire, not dried out or shrivelled.
2. **Health:** Free from pests, diseases and fungus.
3. **Handling:** Remove from packaging immediately.
4. **Storage:** Permitted only when necessary.
 - 4.1 **Duration:** Minimum period.
 - 4.2 **Temperature:** 18-21°C.

235 Container grown plants/ Trees

1. Growing medium: With adequate nutrients for plants to thrive until permanently planted.
2. Plants: Centered in containers, firmed and well-watered.
3. Root growth: Substantially filling containers, but not root bound, and in a condition conducive to successful transplanting.
4. Hardiness: Grown in the open for at least two months before being supplied.
5. Containers: With holes adequate for drainage when placed on any substrate commonly used under irrigation systems.

245 Labelling and information

1. General: Provide each plant/ tree or group of plants/ trees of a single species or cultivar with supplier's labelling for delivery to site, showing:
 - 1.1. Full botanical name.
 - 1.2. Total number.
 - 1.3. Number of bundles.
 - 1.4. Part bundles.
 - 1.5. Supplier's name.
 - 1.6. Employer's name and project reference.
 - 1.7. Plant specification, in accordance with scheduled National Plant Specification categories.
2. Additional information: Submit on request: Type of container.

246 Labelling and information

1. Standard: To BS 3936.

255 Plants/ Trees reserved at supplier's premises

1. Types/ Species:
2. Predelivery inspection: Give notice.
3. Labelling: Identify inspected plants/ trees as reserved for use on this project.

260 Plant/ Tree substitution

1. Plants/ trees unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating:
 - 1.1. Price.
 - 1.2. Difference from specified plants/ trees.
2. Approval: Obtain before making any substitution.

265 Plant handling, storage transport and planting

1. Standard: To CPSE 'Handling and establishing landscape plants'.
2. Frost: Protect plants from frost.
3. Handling: Handle plants with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle.
4. Plant packaging:
5. Packaging of bulk quantities:
6. Planting: Upright or well balanced with best side to front.

280 Treatment of tree wounds

1. Cutting: Keep wounds as small as possible.

- 1.1. Cut cleanly back to sound wood using sharp, clean tools.
- 1.2. Leave branch collars. Do not cut flush with stem or trunk.
- 1.3. Set cuts so that water will not collect on cut area.
2. Fungicide/ Sealant: Do not apply unless instructed.

285 Protection of existing grass

1. General: Protect areas affected by planting operations using boards/ tarpaulins.
- 1.1. Excavated or imported material: Do not place directly on grass.
- 1.2. Duration: Minimum period.

290 Surplus material

1. Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

Preparation of planting beds/ planting materials

300 Herbicide

1. Description: TO CLEAR OVERGROWN BEDS
2. Locations: Ornamental beds
3. Type: Suitable for suppressing perennial weeds.
4. Timing: Allow fallow period before cultivation.
- 4.1. Duration (minimum): As manufacturer's recommendation

305 Weed control

1. Description: FOR INVASIVE NON-NATIVE WEEDS
2. Locations: All planting areas
3. General: Prevent weeds from seeding and perennial weeds from becoming established, by hand weeding by cultivating.

Planting shrubs/ herbaceous plants/ bulbs

400 Random plant layouts

1. Description: TO WOODLAND PLANTING
2. Spacing: Random groups of 9-23 plants of the same species.
3. Density: As plant schedule

401 Regular plant layouts

1. Description: TO SHRUB PLANTING
2. Spacing: In regular, staggered rows
3. Density: As plant schedule

405 Shrub planting pits

1. Timing: Excavate 2 days (maximum) before planting.
2. Sizes: Wide enough to accommodate roots when fully spread and 75 mm deeper than root system
3. Pit bottom improvement Break up to a depth of 150 mm, incorporating soil ameliorant/ conditioner at 50 g/m².

435 Climbing plants used as ground cover

1. Planting
- 1.1. Canes or other supports: Remove.
- 1.2. Arrangement: Spread stems.
- 1.3. Fixing: Pinned to ground to ensure good contact.

471 Naturalized hedges

1. Planting: In trenches large enough to take full spread of roots. Set out plants evenly.

480 After planting

1. Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
2. Firming: Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.
3. Top dressing:
 - 3.1. Depth:

Planting trees

505 Tree pits

1. Sizes: As plant schedule
2. Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
3. Excavated material:
4. Pit bottoms: Excavate with slightly raised centre: Do not disturb base.
Treatment: Not required
5. Pit sides: Scarify.
6. Backfilling material: Proprietary tree backfilling material, as section Q28

526 Underground guying for:

1. Description: EXTRA HEAVY STANDARD TREES
2. Manufacturer: Contractor's choice
- 2.1 Product reference: Submit proposals
3. Anchoring system: 2 no pre-cast concrete dead-man anchors,
4. Installation: Ensure tree is positioned correctly and vertically prior to tightening guy line tensioners.

576 Tree pit surfacing – loose fill

1. Surfacing material: Mulch, as section Q28
2. Area: 1200 x 1200 mm square
3. Depth: 75 mm
4. Watering: Water soil thoroughly before laying.
5. Installation: Ensure the base of the tree stem is kept free from loose filled material.

Woodland/ matrix/ buffer zone planting

617 Removing trees and hedges

1. Identification: Clearly mark trees and hedges to be removed.

2. **Work near retained trees:** Where canopies overlap, take down trees carefully in small sections to avoid damage to adjacent trees that are to be retained.
3. **Arisings:** Remove.
4. **Tree stumps:** Remove mechanically to a minimum depth of 300 mm below ground level

645 Planting in turf

1. **Preparation:** Cut and upturn a turf of minimum 300 mm square.
2. **Notching:** Make a vertical slit from the centre of the turf, to the side away from the prevailing wind.
 - 2.1 **Depth:** To accommodate full depth of roots.
3. **Planting:** Plant tree, close notch with root collar at ground level and firm the soil.

665 Setting out

1. **Distance between trees:** As plant schedule
2. **Distance between rows:** As plant schedule
 - 2.1 **Plant in staggered rows.**

680 Setting out

1. **Planting density:** As plant schedule
2. **Layout:** Random groups of no less than 3 or more than 7 of the same species, ensuring that no three plants are aligned in any one direction.

Protecting/ maintaining/ making good defects

710 Maintenance

1. **Duration:** Carry out the operations in the following clauses from completion of planting until practical completion.
2. **Frequency of maintenance visits:**

720 Failures of planting

1. **Defects due to materials or workmanship not in accordance with the Contract:** Plants/ trees/ shrubs that have failed to thrive.
 - 1.1 **Exclusions:** Theft or malicious damage after completion.
 - 1.2 **Rectification:** Replace with equivalent plants/ trees/ shrubs.
2. **Replacements:** To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
3. **Timing of making good:** In accordance with an agreed defects rectification program

740 Cleanliness

1. **Soil and arisings:** Remove from hard surfaces and grassed areas.
2. **General:** Leave the works in a clean tidy condition at completion and after any maintenance operations.

750 Planting maintenance generally

1. **Weed control:** Maintain weed free area around each tree and shrub.
 - 1.1. **Diameter (minimum):** The larger of 1 m or the surface of original planting pit.
 - 1.2. **Keep planting beds clear of weeds:** By hoeing By maintaining full thickness of mulch By use of approved non-residual herbicides

2. **Planted areas:** Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows. Take care not to reduce depth or effect of mulch.
3. **Precautions:** Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
4. **Firming up:** Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
5. **Trees:** Spray crown when in leaf during warm weather.
- 5.1 **:** After dusk.
6. **Tree accessories:** Check condition of stakes, ties, guys, guards and irrigation and ventilation systems.
 - 6.1. **Broken or missing items:** Replace.
 - 6.2. **Loose stakes:** Re-firm in the ground or replace as necessary to provide support to the tree.
 - 6.3. **Loose guys:** Re-firm anchor points and adjust as necessary to provide support to the tree.
 - 6.4. **Ties:** Adjust to accommodate growth and prevent constriction or abrasion. Adjust to accommodate growth and prevent constriction or abrasion.
 - 6.5. **Damage to bark:** Cut back neatly with sharp knife. Prevent further damage.
 - 6.6. **Frequency of checks:** At each scheduled maintenance visit
7. **Watering:** As required for healthy establishment, depending on weather conditions

760 Planting maintenance – pruning

1. **General:** Prune to promote healthy growth and natural shape.
 - 1.1. **Dead, dying, diseased wood and suckers:** Remove.
 - 1.2. **Timing:** As appropriate to the species
 - 1.3. **Trees:** Favour a single central leading shoot.
2. **Arisings:** Remove.

770 Woodland planting maintenance

1. **Watering:** Only as necessary to prevent plants wilting.
2. **Loose plants:** Refirm surrounding soil, without compacting.
3. **Weed control:** Cut down and remove weeds prior to setting seed in a 1 m diameter area around each tree.
4. **Vegetation except trees and coppice shoots to be retained:** Cut within the plantation area.
 - 4.1. **Height (maximum):** 25 mm
 - 4.2. **Arisings:** Leave between rows.
5. **Mechanical, chemical or mulching methods of vegetation control:** Submit proposals.
6. **Ditches and drains:** Keep clear.
7. **Watering:** Contractor's choice

780 Maintenance instructions

1. **General:** Before end of the maintenance period, submit printed instructions recommending procedures to be established by the Employer for maintenance of the planting work for one full year: Provide a schedule of any ongoing maintenance problems experienced during the rectification period.

790 Final mulching

1. **Timing:** At end of the maintenance period.
2. **Watering:** Ensure that soil is thoroughly moistened prior to remulching, applying water where necessary.
3. **Planting beds:** Remulch.

4. Depth (minimum): 75 mm
5. Trees: Remulch.
6. Depth (minimum): 75 mm

Ω End of Section



Specification created using NBS Chorus