

SPECIFICATION

for

SOFT LANDSCAPE WORKS

at

Bath Road, Sipson, Hounslow

Prepared for

Heathrow NCP Property Limited

by

epd landscape
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SOFTWARES SPECIFICATION

22-008-03 Bath Road, Sipson, Hounslow

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GENERAL

The following specification is for the implementation of the Landscape Scheme covering soft landscape works, i.e., planting, seeding and associated works and should be read in conjunction with the soiling specification and detailed planting plans.

EXISTING SOILS – SURVEY AND ANALYSIS

1. Prior to any soil being stripped or excavated the Main Contractor shall appoint an approved soil science consultancy to carry out a soil resource survey which includes the analysis, handling and improvement of existing soils on site or imported soils to be used in the landscape scheme.

An approved soil science consultancy is: Tim O'Hare Associates LLP, Howberry Park, Wallingford, Oxfordshire OX10 8BA, Tel:0149-822653, Fax:01491-822 644, E Mail: info@toha.co.uk, Contact: Tim O'Hare.

2. A copy of the soiling specification, plus this softworks specification and the proposed plant list/ detailed planting plans of the scheme shall be provided for reference within the soil resource survey.
3. The results of the survey and laboratory analysis shall be presented in an interpretive report. The report shall comment on the suitability of the site topsoil and subsoil for the proposed landscape scheme, with reference to the sizes and species of plants, turf and seed chosen. The report will take into account the implications that extensive earthworks and soil handling will have on soil quality, and shall identify the best quality soils for re-use where applicable. The report shall also provide recommendations to improve the soils, including cultivation techniques, drainage requirements, tree pit details and fertiliser, lime, compost application types and rates.
4. **The Main Contractor shall include in his contract programme items which clearly identify an adequate time for him to provide the Landscape Architect with the Soil Report and for the Landscape Architect to assess the data.**

SCOPE

THE LANDSCAPE SCHEME WILL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO THE FOLLOWING:

Preliminary works (to be carried out by earthworks contractor):

- a. Earthworks - to be carried out as per the soiling specification.
- b. Site-won soil remediation – such as the addition of extra gravel, organic matter or imported soil, as directed by the soil consultant's report findings.
- c. Digging of tree pits with tree pit drainage where required
- d. Digging of trenches for hedges
- e. Installation of rootbarriers

Soft landscape works (to be carried out by Soft Landscape Contractor):

- a. Native woodland planting
- b. Specimen tree planting.

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- c. Native Shrub Planting.
- d. Ornamental planting near entrances, carpark and other strategic points.
- e. Sowing of meadow grassland.
- f. Fertilisers as per the softworks specification, the fertiliser is sometimes subject to change as per soil consultant's report findings.
- g. Maintenance of landscape works during the 24-month defects period.

For details on protection of the works, protective fencing and soiling see soiling specification.

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Q30 GRASS SEEDING

To be read with preliminaries and general conditions.

General Information/Requirements

110A SOILING FOR GRASS AREAS

- Before commencing work the Landscape Sub-Contractor must confirm through the Main Building Contractor to the CA that any topsoil, after the specified preparation, will be suitable for seeding.
- Seeding will be taken as further acceptance by the Landscape Sub-Contractor of the suitability of topsoil.
- AREAS FOR SEEDING REQUIRING NO TOPSOIL/ SUBSOIL ONLY:
 - Meadow Grassland Mix EM4
- AREAS FOR SEEDING REQUIRING 150MM TOPSOIL: -

120 CLIMATIC CONDITIONS

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

130 MECHANICAL TOOLS

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

145 WATERING

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

150 WATER RESTRICTIONS

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

160 NOTICE

- Give notice before:
 - Setting out.
 - Applying herbicide.
 - Applying fertilizer.
 - Preparing seed bed.
 - Seeding.
 - Visiting site during maintenance period.
- Period of notice: 3 working days.

170 SETTING OUT

- Boundaries of seeding areas: Mark clearly.

Preparation

205A PREPARATION MATERIALS

- General: Free from toxins, pathogens or other extraneous substances harmful to plant, animal or human life.

210A HERBICIDE FOR ALL GRASSED AREAS

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- Type: Non residual herbicide suitable for suppressing perennial weeds.

250A CULTIVATION

- Compacted topsoil: Break up to full depth.
- Tilth: Reduce top 100 mm of topsoil to a tilth suitable for blade grading, particle size 10mm (maximum).
- Material brought to the surface: Remove stones and clay balls larger than 50 mm in dimension, roots, tufts of grass, rubbish and debris.

260 GRADING

- Topsoil condition: Reasonably dry and workable.
- Contours: Smooth and flowing, with falls for adequate drainage. Remove minor hollows and ridges.
- Finished levels after settlement: 25 mm above adjoining paving, kerbs, manholes etc
- Blade grading: May be used to adjust topsoil levels provided depth of topsoil is not less than 150mm.
- Give notice: If required levels cannot be achieved by movement of existing soil.

275A FERTILIZER FOR ALL GRASSED AREAS

- Type: DLF Trifolium Pro Fert 2 pre-seed fertiliser (10:15:10).
- Application: to manufacturers recommendation. Rate 35 - 50g/m².

280A FINAL CULTIVATION FOR ALL GRASSED AREAS

- Timing: After grading and fertilizing.
- Seed bed: Reduce to fine, firm tilth with good crumb structure.
- Depth: 25 mm.
- Surface preparation: Rake to a true, even surface, friable and lightly firmed but not compacted.
- Remove surface stones/earth clods exceeding:
General areas: 50 mm.
- Adjacent levels: Extend cultivation into existing adjacent grassed areas sufficient to enable full marrying in of levels.

Seeding

312 GRASS SEED: WEAR AND TEAR

Mixture: A24

Supplier: Phoenix Amenity

Rate of application: 30 g/m²

GRASS SEED: MEADOW GRASSLAND MIX

Mixture: EM2 for Clay Soil

Supplier: Germinal Seeds

Rate of application: 50 g/m²

319 QUALITY OF SEED FOR ALL GRASSED AREAS

- Freshness: Produced for the current growing season.
- Certification: Blue label certified varieties to EC purity and germination regulations.
When requested, submit an Official Seed Testing Station certificate of germination, purity composition.
- Samples of mixtures: Submit when requested.

330 SOWING

- General: Establish good seed contact with the root zone to promote healthy, consistent growth.

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- Method: To suit soil type, proposed usage of grassed area, location and weather conditions during and after sowing.

336 SOWING SEASONS

- Grass seed generally: March to May, or September/ October.

340 PRE-EMERGENT HERBICIDE FOR ALL GRASSED AREAS

- General: Where soil has not been allowed to lie fallow apply a suitable pre-emergent herbicide immediately after sowing.

352 EDGES TO SEEDED AREAS

- Location: Planting beds and around newly planted trees.
- Timing: After seeded areas are well established.
- Edges: Cut to clean straight lines or smooth curves. Soil drawn back to permit edging
- Arisings: Remove from site to compost areas/bins.

Protecting/Watering/Cutting

510 PROTECTING:

- Take all necessary measures to protect seeded areas until the end of the defect's liability period.

520 WATERING:

- During establishment of grass areas ensure that sufficient water is applied using a fine sprinkler or oscillating spray to maintain healthy growth.

530A FIRST CUT OF MEADOW GRASS AREAS

- Timing: For the first year cut back in early August.
- Height of first cut: 50mm.
- Arisings: Leave to dry in situ and shed seed for seven days then remove from site or to compost areas/bins.

590 CLEANLINESS

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

Maintenance (rectification period)

610 FAILURES OF SEEDING

- Duration: Carry out the following operations from completion of seeding until: the end of the rectification period.
- Defective materials or workmanship: Areas that have failed to thrive.
 - Exclusions: Theft or malicious damage.
- Method of making good: Recultivation and reseeding.
- Timing of making good: The next suitable seeding season.

620 MAINTAINING GRASSED AREAS WITH PERENNIAL WILD FLOWERS:

- Duration: Carry out the following operations from completion of seeding until: the end of rectification period.
- Preparation: Before each cut remove all litter and debris.
- Height and frequency of cut in first growing season:
 - Time of first cut: Early August
 - Height of first cut: 50mm
 - Frequency of subsequent cutting Mow occasionally over winter if required.
 - Height of growth permitted (maximum): 100mm

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- Height and frequency of cut in second growing season:
 - Time of cut: October, August / early September
 - Height of cut: 50mm
- Trimming: All edges:
 - Arisings: Remove.
- Watering: Contractor's choice.

Q31 EXTERNAL PLANTING

2 To be read with the preliminaries and general conditions.

General Information/Requirements

110A TOPSOIL:

- At the time of starting the Landscape Sub-Contract work, the areas to be planted will be covered by topsoil 300 mm thick, provided and spread by the Main Building Contractor.
- Before commencing work the Landscape Sub-Contractor must confirm through the Main Building Contractor to the CA that the topsoil, after the specified preparation, will be suitable for planting.
- Planting will be taken as further acceptance by the Landscape Sub-Contractor of the suitability of topsoil.

112 SITE CLEARANCE

- General: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.
- Stones: Remove those with largest dimension exceeding 75 mm.
- Contamination: Substances injurious to plant growth including subsoil, rubble, fuel and lubricants.
- Vegetation: Clear surface vegetation in areas shown on drawings using suitable non persistent herbicide.

118 SOIL CONDITIONS

- Soil for cultivating and planting: Moist, friable and not waterlogged.
- 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

- General: Carry out the work while soil and weather conditions are suitable. Do not plant during periods of frost or strong winds.

125A TIMES OF YEAR FOR PLANTING

- Deciduous trees and shrubs: Late October to late March.
- Conifers and evergreens: September/ October or April/ May.
- Herbaceous plants (including aquatic and marginal): September/ October or March/April
- Container grown plants: At any time if ground and weather conditions are favourable
Obtain the agreement of the Contract Administrator throughout before bringing plants to site. Ensure that adequate watering and weed control is provided.
- Dried bulbs, corms and tubers: September/ October.
- Colchicum (crocus): July/ August.
- Green bulbs: After flowering in spring.
- Wildflower plugs: Late August to mid-November or March/ April.

130 MECHANICAL TOOLS

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

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145 WATERING

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

150 WATER RESTRICTIONS:

- 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

- Give notice before:
 - Setting out.
 - Applying herbicide.
 - Applying fertilizer.
 - Delivery of plants/ trees.
 - Planting shrubs.
 - Planting trees into previously dug pits.
 - Watering.
 - Visiting site during maintenance period.
- Period of notice: 2 days.

165A PREPARATION, PLANTING AND MULCHING MATERIALS

- General: Free from toxins, pathogens or other extraneous substances harmful to plant, animal or human life.

200 PLANTS/ TREES – GENERAL

- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders
- Budded or grafted plants: Bottom worked.
- Root system and condition: To requirements of National Plant Specification and balanced with branch system.
- Species: True to name.
- Origin/ Provenance: British grown. Native species to be obtained from stock grown from local seed. A Certificate of Local Provenance is to be supplied. Origin and Provenance have the meaning given in the National Plant Specification.

215 PLANTS/ TREES - SPECIFICATION CRITERIA

- Name, forms, dimensions, provenance and other criteria: As scheduled and define in the National Plant Specification subject to availability, any exceptions to be agreed in writing.

235 CONTAINER GROWN PLANTS/ TREES

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

245 LABELLING AND INFORMATION

- 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:
 - Full botanical name.
 - Total number.
 - Number of bundles.

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- Part bundles.
 - Supplier's name.
 - Employer's name and project reference.
 - Plant specification, in accordance with scheduled National Plant Specification categories subject to availability, any exceptions to be agreed in writing
 - Additional information: Submit on request: not applicable.
- 250 SUPPLY OF PLANTS/ TREES
- Suppliers: Members of the Horticultural Trades Association Nursery Certification Scheme.
- 255 PLANTS/ TREES RESERVED AT SUPPLIER'S PREMISES
- Types/ Species: As schedule.
 - Pre-delivery inspection: Give notice.
 - Labelling: Identify inspected plants/ trees as reserved for use on this project.
- 260 PLANT/ TREE SUBSTITUTION
- Plants/ trees unobtainable or known to be likely to be unobtainable at time of ordering.
Submit alternatives, stating:
 - Price.
 - Difference from specified plants/ trees.
 - Further alternatives: Proposed substitutions may not be acceptable and submission further alternatives may be required.
 - Approval: Obtain before making any substitution.
- 265 PLANT/ TREE HANDLING, STORAGE AND TRANSPORT
- Standard: To CPSE 'Handling and establishing landscape plants' (obtainable from the Horticultural Trades Association) Part I, Part II and Part III, paragraphs 1.3.3 to 1.3, and 4.0.
 - Frost: Protect plants/ trees from frost.
 - Handling: Handle plants/ trees with care. Protect from mechanical damage and do not subject to shock, e.g., by dropping from a vehicle.
 - Plant packaging: Roots of all bare-rooted trees 12-14cm girth and above to be kept moist by dipping in Broadleaf P4 wetting agent prior to being supplied in white co extruded bags, one per tree, sealed at the neck around the base of the tree trunk. All other smaller trees (typically more than one to a bag) to be supplied in white polyethylene bags.
 - Packaging of bulk quantities: May alternatively use pallets or bins sealed with polyethylene and shrink wrapped.
- 270 PLANTING GENERALLY
- Standard: To CPSE 'Handling and establishing landscape plants' (obtainable from the Horticultural Trades Association) Part III, paragraphs 6.2 to 6.6.
 - Appearance: Plant upright or well balanced with best side to front.
- 280 TREATMENT OF TREE WOUNDS
- Cutting: Keep wounds as small as possible.
 - Cut cleanly back to sound wood using sharp, clean tools.
 - Leave branch collars. Do not cut flush with stem or trunk.
 - Set cuts so that water will not collect on cut area.
 - Fungicide/ Sealant: Do not apply unless instructed.
- 285 PROTECTION OF EXISTING GRASS
- General: Protect areas affected by planting operations using boards/ tarpaulins. Do

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not place excavated or imported materials directly on grass.

290 SURPLUS MATERIAL

- General: Remove subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, prunings and other arisings/ rubbish.

Preparation of Planting Beds/Planting Materials

300 HERBICIDE

- Locations: planting beds.
- General: Prevent weeds from seeding and perennial weeds from becoming established by applying a suitable herbicide.
- Delay cultivation as recommended by manufacturer.

341 PEAT

- Peat or products containing peat: **Do not use.**

359A SOIL AMELIORANT/ CONDITIONER

- See clauses 485 and 590

360 SLOW RELEASE FERTILISER

Enmag Lite supplied by Green-Tech Ltd 01423 332100, applied to all external planting as manufacturer's recommendations.

361 ROOT DIP

Broadleaf Root Dip supplied by Green-Tech Ltd 01423 332100, applied to all external bare-root planting as manufacturer's recommendations.

375 CULTIVATION

- Compacted topsoil: Break up to full depth.
- Cultivation: Loosen, aerate and break up soil into particles of 2 - 8 mm.
- Depth: Top 200 mm of planting beds.
- Timing: Within a few days before planting.
- Weather and ground conditions: Suitably dry.
- Surface: Leave regular and even.
- Levels:
- Within 75 mm of levels specified on drawings.
- Undesirable material brought to the surface: Remove, including weeds, roots, stones and clods larger than 50 mm in any dimension, tufts of grass and foreign matter.
- Soil within root spread of trees and shrubs to be retained: Do not dig or cultivate.

Planting Transplants/Shrubs/Climbers/Herbaceous Plants/Bulbs

405 TRANSPLANT/SHRUB PLANTING PITS

- Timing: Excavate 1 - 2 days (maximum) before planting.
- Sizes: 100 mm wider than roots when fully spread and sufficiently deep to accommodate whole root system when fully spread.
- Additional requirements: none.
- Pit bottom improvement: Break up to a depth of 150 mm, incorporating soil ameliorants and conditioner as clause 359A.
- Backfilling material: As clause 476A.

415A ANTIDESSICANT FOR CONIFERS/ EVERGREENS

- Application: Dip before delivering to site. Spray soon after planting.

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- Do not apply in wet or frosty weather.
- 420 CLIMBING PLANTS
 - Planting: 150 mm clear of wall/ fence etc. with roots spread outward. Lightly secure branches to support. Retain canes of plants which are too small to reach supports.
- 435 CLIMBING PLANTS USED AS GROUND COVER
 - Planting: Remove canes or other supports. Spread stems, pinning to ground where appropriate to ensure good contact for rooting and early establishment.
- 440 HERBACEOUS PERENNIAL PLANTS INCLUDING MARGINAL PLANTS
 - Plant into prepared holes large enough to accommodate roots.
- 445 PLANTING BULBS/ CORMS/ TUBERS
 - Depth: Top of bulb/ corm/ tuber at a depth of approximately twice its height, base in contact with bottom of hole.
 - Backfilling: Finely broken soil. Lightly firm to existing ground level.
 - Naturalized planting in existing grassed areas:
 - Scattering: Random. Plant bulbs/ corms/ tubers where they fall.
 - Planting: Neatly remove a plug of turf and replace after planting.
- 470 FORMAL HEDGES
 - Shrubs for hedges: Consistent in species, cultivar and clone to ensure a uniform hedge.
 - Planting: In trenches large enough to take full spread of roots. Set out plants evenly.
- 476A BACKFILLING MATERIAL
 - Composition: Previously prepared mixture of topsoil excavated from pit and additional topsoil as required, together with:
 - Fertilizer: Sierrablen Enmag CRF, 11:21:9+6MgO, at a rate of 5g per shrub planting pit, 10g per hedge plant pit, or according to manufacturer's latest recommendations on the pack.
- 480 AFTER PLANTING
 - Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
 - 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.
- 485 MULCHING PLANTING BEDS (SOIL AMELIORANT/ CONDITIONER)
 - Locations: ornamental planting areas.
 - Manufacturer/ Supplier: Amenity Horticultural Services Ltd. Tel: 0333 207 0440.
 - Product reference: fine composted bark compost (0-8mm).
 - Purity: Free of pests, disease, fungus and weeds.
 - Coverage: 50mm depth
 - Timing: Apply on completion of planting

Planting Trees

- 500 ANTIDESSICANT FOR CONIFERS/ EVERGREENS
 - Application: Dip before delivering to site. Spray soon after planting.
 - Do not apply in wet or frosty weather.
- 505 TREE PITS
 - Sizes:

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- | | |
|-------------------------------------|------------------------------|
| Semi Mature | 1200mm diameter X 900mm deep |
| standard trees | 1000mm diameter x 750mm deep |
| feathered trees | 800mm diameter x 750mm deep |
| bush whip and small feathered trees | 500mm diameter x 450mm. deep |
- Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
 - Pit bottoms: With slightly raised centre. Break up to a depth of 150mm (200 semi mature).
 - Pit sides: Scarify.
 - Additional requirements: Incorporate approved soil ameliorant as clause 359A, work into pit bottoms.
 - Backfilling material: As clause 586.
 - Accessories: Staking as clause 535 and 555.

535 STAKING GENERALLY

- Stakes: Softwood, peeled chestnut, larch or oak, free from projections and large or edge knots and with pointed lower end.
- Preservative treatment: Not required.
- Nails: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads
- Minimum stake sizes: 50 mm diameter.

555A DOUBLE STAKING FOR ALL TREES

- Staking: Position first stake close to tree on windward side and drive vertically at least 300mm into bottom of pit before planting. Place the other opposite. Consolidate material around stake during backfilling.
- Ties: Expanding ties.
- Tying: Secure tree firmly but not rigidly to stake with one tie within 25 mm of top of stake.
- Semi Mature trees to also be supported with an underground guying system.

556 ROOT DEFLECTION BARRIER

To be ReRoot 1000 for tree pits in relation to services and hardstanding and 600 for buffer planting adjacent to hardstanding as supplied by GreenBlue Urban 01580 830800

586 BACKFILLING MATERIAL

- Composition: Previously prepared mixture of topsoil excavated from pit and additional topsoil as required, together with:
 - Ameliorant/ Conditioner: Amenity Horticultural Services Ltd's Tree and Shrub Planting Compost
- Coverage:
- | | |
|-------------------------------------|-------------------|
| semi-mature trees | 80 litres compost |
| standard trees | 80 litres compost |
| feathered trees | 40 litres compost |
| bush whip and small feathered trees | 20 litres compost |
- Fertiliser: organic DCM Ferti-Long (14-8-6+5%Mg).
- Coverage: 6-30 tablets according to manufacturers recommendation).
- Coverage: 50 mm thick.

590 MULCHING TREES (SOIL AMELIORANT/ CONDITIONER)

- Locations: ornamental planting areas.
- Manufacturer/ Supplier: Amenity Horticultural Services Ltd. Tel: 0333 207 0440.
- Product reference: fine composted bark compost (0-8mm).
- Purity: Free of pests, disease, fungus and weeds.
- Coverage: 50mm depth
- Timing: Apply on completion of planting

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595 TREE PROTECTION

- Manufacturer: Rainbow Professional Ltd. 131 Cumberland Street, Hull, HU2 0PP
- Product reference: Spiral Tree Guard
- Type: Spiral
- Size/ Colour: 600mm long, diameter to fit trunk, brown.
- Support: 2 No. 140mm long black plastic cable ties; 1 no.25mm square stake 1000mm long
- General: Ensure that protection methods do not impede natural movement of trees or restrict growth.

596 SHRUB PROTECTION – TRANSPLANTS (SINGLE STEM)

- Manufacturer: Rainbow Professional Ltd
- Product reference: Spiral Tree Guard
- Type: Spiral
- Size/ Colour: 600mm long and 75mm diameter, brown
- Support: 2 No. 140mm long plastic cable ties; 1 no. cane 900mm long
- General: Ensure that protection methods do not impede natural movement of shrubs or restrict growth

597A WOODLAND SHRUB PROTECTION – EVERGREEN/DECIDUOUS MULTI STEM

- Manufacturer: Rainbow Professional Ltd
- Product reference: Tubex Shrub Guard
- Size/ Colour: 600mm long and 130-160mm diameter
- Support: 2 No. 140mm long plastic cable ties; 1 no. 25mm square stake 1000mm long.
- General: Ensure that protection methods do not impede natural movement of shrubs or restrict growth.

Protecting/Maintaining/Making Good Defects

710 MAINTENANCE

- Duration: Carry out the operations in the following clauses from completion of planting to the end of the defect's liability period.
- Frequency of maintenance visits: Monthly during growing season.

720 FAILURES OF PLANTING

- General: Plants/ trees/ shrubs that have failed to thrive (unless due to theft or malicious damage after completion) during period stated in clause 710, will be regarded as defects due to materials or workmanship not in accordance with the Contract. Replace with equivalent plants/ trees/ shrubs.
- Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
- Timing of making good: During the next suitable planting season.

730A PROTECTING

- Take all necessary measures to protect planting until Practical Completion of the planting and seeding. Any further protection to the end of the defects liability period to be as agreed with the Contract Administrator.

740 CLEANLINESS

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

750 PLANTING MAINTENANCE GENERALLY

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- Weed control: Maintain weed free area around each tree and shrub, minimum diameter the larger of 1 m or the surface of original planting pit.
- Keep planting beds clear of weeds, by use of approved non-residual herbicides.
- Planted areas: Fork over beds as necessary to keep soil loose, with gentle camber and no hollows. Take care not to reduce depth or effect of mulch.
- Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
- Staking: Check condition of stakes, ties, guys and guards. Replace broken or missing. Adjust if necessary to allow for growth and prevent rubbing of bark. Cut back any damaged bark.
- Frequency of checks: Every month.
- Trees: Spray crown when in leaf during warm weather. Carry out in the evening.

760 PLANTING MAINTENANCE - PRUNING

- General: Prune at appropriate times, to remove dead or dying and diseased wood and suckers, to promote healthy growth and natural shape.
- Prune trees to favour a single central leading shoot.

765 PLANTING MAINTENANCE - WATERING

- General: As clauses 145 and 150.

780A FINAL COMPLETION

- General: At the end of the period stated in clause 710, ensure that all planted areas are weed free and any compacted soil or ruts are broken up and levelled.

790 FINAL MULCHING

- Timing: At end of the period stated in clause 710.
- Watering: Ensure that soil is thoroughly moistened prior to re-mulching, applying water where necessary.
- Planting beds: Re-mulch as clause 485.
- Coverage: To make up the required depth as clause 485.
- Trees: Re-mulch as clause 590.
- Coverage: To make up the required depth as clause 590.

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Q35 LANDSCAPE MAINTENANCE

To be read with Preliminaries/ General conditions and the landscape management plan.

GENERALLY

105 MAINTENANCE OBJECTIVES

- Location: All landscape areas.
 - Duration: on going.
- Aims:
 - Enhanced landscape quality;
 - Improved landscape visual amenity;
 - Provide wildlife habitat and increase biodiversity
- Restrictions: As described.
- Results: As scheduled.

110 NOTICE

- Give notice before:
 - Application of herbicide.
 - Application of fertilizer.
 - Watering.
 - Each site maintenance visit.
- Period of notice: 2 days.

130 REINSTATEMENT

- Damage or disturbance to soil structure, planting, grass, fencing, hard landscaping, structures or buildings: Reinstate to original condition. Plants to be replaced like for like.

155 WATERING

- Supply: No site supply available, submit proposals.
- Quantity: Wet full depth of topsoil.
- Application: Do not damage or loosen plants.
- Compacted soil: Loosen or scoop out, to direct water to rootzone.
- Frequency: As necessary for the continued thriving of all planting.

160 WATER RESTRICTIONS

- General: If water supply is, or is likely to be, restricted by emergency legislation, submit proposals for an alternative suitable source of water. Obtain instructions before proceeding.

170 DISPOSAL OF ARISING

- General: Unless specified otherwise, dispose of arisings as follows: cart off site unless there has been designated areas onsite allocated. Options for compost area to be discussed with the landscape architect, ecologist and CA.

181 MECHANICAL EQUIPMENT

- General: Minimize.
- Prohibited equipment: As advised by CA.
- Timing: between the hours of 9:00 am and 4:00 pm.

190 LITTER

- Extraneous rubbish not arising from the contract work: Collect and remove from site.

195 PROTECTION OF EXISTING GRASS

- General: Protect areas affected by maintenance operations using boards/ tarpaulins. Do not

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place excavated or imported materials directly on grass.

197 CLEANLINESS

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

GRASSED AREAS

(Wear and Tear & Meadow Grassland on DRG NO 22-007-01)

210 MAINTENANCE OF GRASSED AREAS

- General: Maintain turf in a manner appropriate to the intended use.
- Soil and grass:
 - Condition: Maintain a healthy vigorous sward, free from disease, fungal growth, discolouration, scorch or wilt.
 - Waterlogging and compaction: Prevent.
 - Damage: Repair trampling, abrasion or scalping.
- Ornamental lawns: Maintain reasonably free from moss, excessive thatch, weeds, frost heave, worm casts and mole hills.
 - Edges: Neat and well defined, in clean straight lines or smooth flowing curves.
- Litter and fallen leaves: Remove regularly to maintain a neat appearance.

211 MAINTENANCE OF GRASSED AREAS

- Standard: To BS 7370-3. Carry out maintenance appropriate to each category of turf, as follows:
 - Objectives: To BS 7370-3, table 6.
 - Programme: To BS 7370-3, clause 11.
 - Mowing methods: To BS 7370-3, table 3.

220 GRASS CUTTING GENERALLY

- Before mowing: Remove litter, rubbish and debris.
- Finish: Neat and even, without surface rutting, compaction or damage to grass.
- Edges: Leave neat and well defined. Neatly trim around obstructions.
- Adjoining hard areas: Sweep clear and remove arisings.
- Drought or wet conditions: Obtain instructions.

225 TREE STEMS

- Precautions: Do not use mowing machinery closer than 100 mm to tree stems. Use nylon filament rotary cutters and other hand held mechanical tools carefully to avoid damage to bark.

226 TREE STEMS

- Precautions: Do not allow nylon filament rotary cutters and other mechanical tools closer than 100 mm to the stem of any tree.
 - Operations close to stems: Complete using hand tools.

235A BULBS AND CORMS IN GRASSED AREAS (Meadow Grass Mix)

- Before or after flowering: Do not cut.

250 LEAF REMOVAL

- Operations: Collect fallen leaves.
- Special requirements: None.
- Disposal: Compost on site.

255 FIRST CUT OF GRASSED AREAS

- Preparation:

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- Debris and litter: Remove.
- Stones and earth clods larger than 25 mm in any dimension: Remove.
- Height of first cut: 50mm.
- Mower type: Contractor's choice.

260 MOWING GENERAL AREAS

- Grasscrete height: 10mm
- Meadow grassland 50mm
- Arisings: Grasscrete - remove. Meadow grassland leave to dry in situ for seven days then remove.

295 SPIKING

- Location: Ornamental lawns
- Timing: As necessary to relieve compaction
- Operations: Aerate the soil and improve surface water penetration

307 HOLLOW TINING:

- Location: Ornamental lawns
- Timing: As necessary to relieve compaction
- Depth: 75mm

309 EDGES TO SEEDED AREAS

- Location: Planting beds and around newly planted trees.
- Timing: After seeded areas are well established.
- Edges: Cut to clean straight lines or smooth curves. Draw back soil to permit edging.
- Arisings: Grasscrete - remove. Meadow grassland leave to dry in situ for seven days then remove.

310 RE-FORMING GRASS EDGES

- Location: Where damage occurs
 - Path edges, planting bed edges, and where damage occurs.
 - Edges: Draw back soil and re-form edges to clean straight lines or smooth flowing curves, sloping slightly back from vertical.

330 SELECTIVE HERBICIDE

- Location: Ornamental lawns.
- Herbicide: Suitable for suppressing perennial weeds.
- Areas not to be sprayed: Ornamental Prairie Mix areas, balancing pond, wildflower area.

350 FERTILISER – SPRING APPLICATION:

- Type: Slow release, product reference: Pro Fert 4 (14:7+3MgO + 2Fe), supplier: DLF Seeds Ltd., Thorn Farm, Inkborough, Worcs. WR7 4LJ,
- Application rate: 50g/m², as per manufacturers latest recommendations.

350A FERTILISER – AUTUMN APPLICATION:

- Type: Slow release, product reference: Pro Fert 6 (3:12:12), supplier: DLF Seeds Ltd., Thorn Farm, Inkborough, Worcs. WR7 4LJ,
- Application rate: 50g/m², as per manufacturers latest recommendations.

380 REINSTATEMENT OF DAMAGED LAWNS

- Damaged turf: Remove to a depth of 40mm.
- Preparation: Cultivate substrate to a fine tilth.
- Reinstatement: Contractor's choice of turfing or topsoiling and reseeding:
 - Turfing: Quality and appearance to match existing.
 - Reseeding: Fill with fine topsoil to BS 3882 multi purpose class, free from stones, debris

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- and weeds. Reseed with a seed mix to match existing grass in quality and appearance.
- Protection and watering: Provide as necessary to promote successful germination and/ or establishment.

381 REINSTATEMENT OF WORN OR DAMAGED LAWNS

- Worn or damaged areas: Make good by returfing or reseeding:
 - Returfing standard: To BS 7370-3, Clause 12.2.
 - Reseeding standard: To BS 7370-3, Clause 12.6.
- Turf or seed: To match existing in appearance and quality.
- Protection and watering: Provide as necessary to promote successful germination and/ or establishment.

SHRUBS/ TREES/ HEDGES

500 ESTABLISHMENT OF NEW PLANTING

- Duration: Two growing seasons from date of planting.
- Weed control: maintain full thickness of mulch
 - Method: Keep planting beds clear of weeds by maintaining full thickness of mulch as specified.
 - Area: Maintain a weed free area around each tree and shrub, minimum diameter the larger of 1 m or the surface of the original planting pit.
- Soil condition: Fork over beds to keep soil loose, with gentle cambers and no hollows. Do not reduce depth or effect of mulch.
 - Watering: Contractor's choice.

502 ESTABLISHMENT OF NEW PLANTING - FERTILIZER

- Time of year: March or April.
- Type: Slow release. see Q31 clause 360.
- Spreading: Spread evenly. Carefully lift and replace any mulch materials.
 - Application rate: As manufacturer's recommendations

510 TREE STAKES AND TIES

- Inspection/ Maintenance times: Every two months. Immediately after strong winds.
- Stakes:
 - Replace loose, broken or decayed stakes to original specification.
 - If longer than half of clear tree stem height, cut to this height in spring. Retie to tree firmly but not tightly with a single tie.
- Ties: Adjust, refix or replace loose or defective ties, allowing for growth and to prevent chafing.
 - Where chafing has occurred, reposition or replace ties to prevent further chafing.
- Removal of stakes and ties: During spring when no longer required to support tree.
 - Fill stake holes with lightly compacted soil.

520 REFIRMING OF TREES AND SHRUBS

- Timing: After strong winds, frost heave and other disturbances.
- Refirming: Tread around the base until firmly bedded.
- Collars in soil at base of tree stems, created by tree movement: Break up by fork, avoiding damage to roots. Backfill with topsoil and refirm.

525 TREE GUARDS

- Loose or defective guards: Adjust, refix or replace to original specification and to prevent chafing.

530 TREE SHELTERS

- Loose or defective shelters: Adjust, refix or replace to original specification and to prevent chafing.
- Removal: During spring when no longer required to protect the tree.

SOFTWARES SPECIFICATION

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540 PRUNING GENERALLY

- Pruning: In accordance with good horticultural and arboricultural practice.
 - Removing branches: Do not damage or tear the stem or bark.
 - Wounds: Keep as small as possible and cut cleanly back to sound wood.
 - Cutting: Make cuts above and sloping away from an outward facing healthy bud, angled so that water will not collect on cut area.
 - Larger branches: Prune neither flush nor leaving a stub, but using the branch bark ridge or branch collar as a pruning guide.
- Appearance: Thin, trim and shape each specimen appropriately to species, location, season, and stage of growth, leaving a well-balanced natural appearance.
- Tools: Use clean sharp secateurs, hand saws or other approved tools. Trim off ragged edges of bark or wood with a sharp knife.
- Disease or infection: Give notice if detected.
- Growth retardants, fungicide or pruning sealant: Do not use unless instructed.

545 PRUNING OF EXCESSIVE OVERHANG

- Timing: Annually between November and February.
- Operations: Remove growth encroaching onto grassed areas, paths, roads, signs, sightlines and road lighting luminaires.
- Special requirements: None.

550 PRUNING OF EXCESSIVE HEIGHT

- Timing: Annually.
- Operations: Remove excessive height: As instructed.

555 PRUNING TREES AND SHRUBS

- Standard: To BS 7370-4.
- Special requirements: Growth retardants not permitted.

570 FORMATIVE PRUNING OF YOUNG TREES

- Standard: Type and timing of pruning operations to suit the plant species.
- Time of year: Do not prune during the late winter/ early spring sap flow period.
- Young trees up to 4 m high:
 - Crown prune by removing dead branches and reducing selected side branches by one third to preserve a well-balanced head and ensure the development of a single strong leader.
 - Remove duplicated branches and potentially weak or tight forks. In each case cut back to live wood.
- Whips or feathered trees: Do not prune.
- Operatives: Member of the Arboricultural Association.

575 PRUNING ORNAMENTAL SHRUBS

- General: Prune to encourage healthy and bushy growth and desirable ornamental features, e.g., flowers, fruit, autumn colour, stem colour.
 - Suckers: Remove by cutting back level with the source stem or root.

580 PRUNING FLOWERING SPECIES OF SHRUBS AND ROSES

- Time of year:
 - Winter flowering shrubs: Spring.
 - Shrubs flowering between March and July: Immediately after the flowering period.
 - Shrubs flowering between July and October: Back to old wood in winter.
 - Rose bushes: Early spring to encourage basal growths and a balanced, compact habit.

600 TRIMMING RAPIDLY ESTABLISHING HEDGES

SOFTWARES SPECIFICATION

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- General: Allow to reach planned height as rapidly as possible.
 - Form: Trim back lateral branches moderately.

605 TRIMMING SLOWLY ESTABLISHING HEDGES

- Operations:
 - Timing: Cut back hard in July and September to encourage bushy growth down to ground level.
 - Form: Allow to reach planned dimensions only by gradual degrees, depending on growth rate and habit.

610 TRIMMING TAPERING ESTABLISHED HEDGES

- Time of year: Trim once in July or August
- Operations:
 - Form: Trim carefully and neatly to regular line and shape, with the width at the top less than that at the base.
 - Trim: Remove current growth rather than old wood.
- Tools/ Cutting: Suitable mechanical cutters.

620 REMOVAL OF DEAD PLANT MATERIAL

- Operations: At the end of the growing season, check all shrubs and remove all dead foliage, dead wood, and broken or damaged branches and stems.

630 DEAD AND DISEASED PLANTS

- Removal: In the next scheduled round of replacement planting.
- Replacement: In the next suitable planting season.

635 REINSTATEMENT OF SHRUB/HERBACEOUS AREAS

- Dead and damaged plants: Remove.
- Mulch/ matting materials:
 - Carefully move to one side and dig over the soil, leaving it fit for replanting.
 - Do not disturb roots of adjacent plants.
- Replacement plants:
 - Use pits and plants: To original specification or to match the size of adjacent or nearby plants of the same species, whichever is the greater.
 - Additional requirements: Submit details and cost of plants before ordering.
- Dressing: Slow-release fertilizer:
 - Type: see Q31 clause 360
 - Application rate: see Q31 clause 360

645 WEED CONTROL GENERALLY

- Weed tolerance: At all times, weed cover less than 5% and no weed to exceed 100mm high.
- Adjacent plants, trees and grass: Do not damage.

650 HAND WEEDING

- General: Remove weeds entirely, including roots.
- Disturbance: Remove the minimum quantity of soil, and disturb plants, bulbs and mulched surfaces as little as possible.
- Completion: Rake area to a neat, clean condition.
- Mulch: Reinstall to original depth.

655A WEED CUTTING BY HAND OR MACHINE

- Undesirable grass, brambles and herbaceous growth: Cut down cleanly to a maximum height of 75mm.
- Herbicides: Remove arisings before application.

657 HERBICIDE TO KILL REGROWTH

SOFTWARES SPECIFICATION

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- Type: Suitable foliar acting herbicide to kill regrowth.
- Timing: Allow recommended period for herbicide to take effect before clearing dead weeds.

665 WEED CONTROL WITH WINTER HERBICIDE

- Type: Suitable residual soil acting herbicide.
- Time of year: Unless otherwise agreed, complete before end of March.
- Timing: Allow recommended period for herbicide to take effect before clearing dead weeds.

670 WEED CONTROL WITH SUMMER HERBICIDE

- Type: Suitable foliar acting herbicide.
- Timing: Allow recommended period for herbicide to take effect before clearing dead weeds.

680 SOIL AERATION

- Compacted soil surfaces:
 - Prick up: To aerate the soil of root areas and break surface crust.
 - Size of lumps: Reduce to crumb and level off.
 - Damage: Do not damage plants and their roots.

690 MAINTENANCE OF LOOSE MULCH

- Thickness (minimum): 50mm.
 - Top up: Annually.
- Mulch spill on adjacent areas: Remove weeds and rubbish and return to planted area.
- Weeding: Remove weeds growing on or in mulch by hand weeding.

695 FERTILIZING ESTABLISHED TREES AND SHRUBS

- Time of year: During April or May.
- Type of fertilizer: Slow release. See Q31 clause 360.
- Application: Spread evenly.
 - Rate: As manufacturer's recommendations.

700 SNOW REMOVAL FROM SHRUBS/TREES

- Standard: To BS 7370-40.
- Plants subject to snow removal: All evergreens.
- Timing: Within 24 hours of snowfall.

705 WINTER LEAF REMOVAL

- Operations: Take down temporary leaf fences. Collect accumulations of drifted leaves from vicinity and from planting beds.
- Arisings: Remove

710 WOODLAND PLANTING MAINTENANCE

- Watering: In exceptional circumstances to prevent plants dying.
- Loose plants: Refirm surrounding soil, without compacting.
- Vegetation: Except trees and coppice shoots to be retained, cut down to 100 mm above ground level within the plantation area.
- Arisings: Leave between rows.
- Ditches and drains: Keep clear.

715 WOODLAND THINNING

- Mature planting density: As schedule within the detailed planting plan.
- Timing: Thin in stages: In accordance with the agreed management plan/ maintenance programme.

720 COPPICING

- Material to be coppiced: *Corylus* species.
- Standard: Good forestry practice.

SOFTWARES SPECIFICATION

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- Cut stems: Not greater than 200mm above ground level.
 - Finish: Leave sloping upward towards the centre to promote rainwater runoff.
- Brash: Stack around coppice stool to alleviate deer damage.
- Coppiced timber: Stack.

TREE WORK

810 TREE WORK GENERALLY

- Identification: Before starting work agree which trees, shrubs and hedges are to be removed or pruned.
- Protection: Avoid damage to neighbouring trees, plants and property.
- Standards: To BS 3998 and Health Safety Executive (HSE) 'Forestry and arboriculture safety leaflets'.
- Removing branches: Cut as Arboricultural Association Leaflet 'Mature tree management'. Cut vertical branches similarly, with no more slope on the cut surface than is necessary to shed rainwater.
- Appearance: Leave trees with a well-balanced natural appearance.
- Chain saw work: Operatives must hold a Certificate of Competence.
- Tree work: To be carried out by an approved member of the Arboricultural Association.

815 ADDITIONAL WORK

- Defective, diseased, unsafe or weak parts of trees additional to those scheduled for attention: Give notice if detected.

820 PREVENTION OF WOUND BLEEDING

- Standard: To BS 3998.

825 PREVENTION OF DISEASE TRANSMISSION

- Standard: To BS 3998.

830A CLEANING OUT AND DEADWOODING

- Remove:
 - Dead, dying, or diseased wood, broken branches and stubs.
 - Fungal growths and fruiting bodies.
 - Rubbish, wind-blown or accumulated in branch forks.
 - Wires, clamps, boards and metal objects, if removable without causing further damage and not part of a support structure that is to be retained.

835 CUTTING AND PRUNING GENERALLY

- Tools: Appropriate, well maintained and sharp.
- Final pruning cuts:
 - Chainsaws: Do not use on branches of less than 50 mm diameter.
 - Hand saws: Form a smooth cut surface.
 - Anvil type secateurs: Do not use.
- Removing branches: Do not damage or tear the stem.
- Wounds: Keep as small as possible, cut cleanly back to sound wood leaving a smooth surface, and angled so that water will not collect on the cut area.
- Cutting: Cut at a fork or at the main stem to avoid stumps wherever possible.
 - Large branches: Remove only with prior approval, remove in small sections and lower to ground with ropes and slings.
- Dead branches and stubs: When removing, do not cut into live wood.
- Unsafe branches: Remove epicormic shoots and potentially weak forks that could fail in adverse weather conditions.
- Disease or fungus: Give notice if detected. Do not apply fungicide or sealant unless instructed.

840 CROWN REDUCTION/ SHAPING

SOFTWARES SPECIFICATION

22-008-03 Bath Road, Sipson, Hounslow

- General: Cut back selectively to lateral or sublateral buds or branches to retain flowing branch lines without leaving stumps.
- Operations: Reduce crown by 15%.

845 CROWN LIFTING

- Clearances: Remove branch systems to give clearance.
 - Height: 2.5m above footpaths, 3m above cycleways.
- Removing branches: Remove whole branches back to the stem, or cut lower portions of branches back to lateral or sublateral buds or branches. Do not leave stumps.

850 CROWN THINNING

- Removing branches: Remove inward growing, crossing, rubbing, dead and damaged branches.
- Thinning: Selectively remove secondary and small live branch growth evenly throughout the crown.
 - Quantity: 15%.
- Cutting: Make no cuts of more than 50mm diameter.
 - Branches: Cut back to lateral or sublateral buds or branches without leaving stumps.
- Appearance: Leave a uniform and well-balanced structure of branches and foliage.

855 CUTTING TREE ROOTS

- Excavating: Use hand tools only.
- Protected area: Do not cut roots within an area which is the larger of:
 - The branch spread of the tree.
 - An area with a radius of half the tree's height, measured from the trunk.
- Outside protected area: Give notice of roots exceeding 50 mm in diameter. Do not cut without approval.
- Cutting:
 - Cutting: Make clean smooth cuts with a hand saw.
 - Wounds: Minimize. Avoid ragged edges.
 - Finishing: Pare cut surfaces smooth with a sharp knife.
- Backfilling:
 - Protection: Cover cut roots with clean sharp sand.
 - Material: Backfill with original topsoil.

860 REMOVING TREES, SHRUBS AND HEDGES

- Standards: To BS 3998, Appendix A and Health Safety Executive (HSE)/ Arboricultural and Forestry Advisory Group Safety Leaflets.
- Existing services: Check for below and above ground services. Give notice if they may be affected.
- Shrubs and smaller trees: Cut down and grub up roots.
- Tree stumps:
 - Treatment: Remove mechanically to a minimum depth of 300mm below ground level.
 - Removal by winching: Give notice. Do not use other trees as supports or anchors.
 - Protection: Avoid damage to neighbouring trees, plants and property.
 - Work near retained trees: Where tree canopies overlap and in confined spaces generally, take down trees carefully in small sections to avoid damage to adjacent trees that are to be retained.
- Filling holes:
 - Material: Use as-dug material and/ or imported soil as required.
 - Finishing: Consolidate and grade to marry in with surrounding ground level.

865 BARK DAMAGE

- Wounds:
 - Do not attempt to stop sap bleeding.
 - Bark: Remove ragged edges using a sharp knife.

SOFTWARES SPECIFICATION

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- Wood: Remove splintered wood from deep wounds.
- Size: Keep wounds as small as possible.
- Liquid or flux oozing from apparently healthy bark: Give notice.

870 CAVITIES IN TREES

- Investigation: Remove rubbish and rotten wood. Probe the cavity to find the extent of any decay, and give notice.
- Water filled cavities: Do not drain.
- Sound wood inside cavities: Do not remove.
- Cavity openings: Do not cover.

HARD LANDSCAPE AREAS/ FENCING

900 SNOW CLEARANCE

- Clearance: When instructed.
- Deicing: To roads, footpaths and cycleways.
 - Material: Acetate based granules.
 - Timing: When instructed.
 - Application rate: Spread evenly at a rate of: As manufacturer's recommendations.

910 HARD SURFACES

- Herbicide: Apply a suitable foliar acting or residual herbicide. Allow recommended period for herbicide to take effect before clearing arisings.
- Hard surfaces: Remove litter, leaves and other debris.
- Surface gutters and channels: Remove mud, silt and debris.
- Drainage gullies: Empty traps and flush clean.
- Repairs to flexible bituminous pavings: In accordance with the original paving specification or BS 7370-2, clause 4.12.
- Stain removal: In accordance with BS 7370-2, table 4.

920 FENCING

- Fences: Inspect and repair to maintain protection against intruders.

930 GRAFFITI REMOVAL

- Method: Pressure wash.
- Subsequent treatment: Not required.