# LDĀDESIGN

LDA Design Consulting Limited

# Twickenham Riverside

Twickenham Riverside

07-11-2022

# **Record of Revisions**

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1.1				

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# O35

# Landscape maintenance **UNCHANGED**

#### Clauses

#### 2 TO BE READ WITH PRELIMINARIES/ GENERAL CONDITIONS.

#### 100 MAINTENANCE GENERAL

- 1. Duration: Carry out the operations in the following clauses from the time when practical completion for planting has been given throughout the defects liability period.
- 2. Frequency of maintenance visits: The Contractor shall programme regular visits so as to carry out required maintenance operations and ensure that the site is kept clean in a tidy and weed free condition at all times. Contractor shall allow for at least 24 visits during the growing season and 10 visits outside the growing season for all shrub and tree areas and at least 30 visits to cut the grass areas each year.
- 3. The Contractor shall advise the PM in writing at least 48 hours prior to carrying out any maintenance visits.
- 4. The Contractor shall keep full records of all maintenance visits indicating the date and time of all visits, the operations carried out, any machinery used for the operation, the number of staff employed during the visit and weather records at the time of the visit.
- 5. The Contractor shall submit written details AT THE TIME OF TENDERING of the methods and frequency of maintenance and types of herbicides that they propose to use during the maintenance period.
- 6. The Contractor shall immediately, upon discovery, report any note of vandalism or theft or suspicion of either to the PM.
- 7. Upon completion of every visit the Contractor shall present a report slip for signature to the PM. Upon signature the report slips shall be forwarded to the PM. No claim for payment shall be met if the visit has not been so recorded.

# 102 MAINTENANCE VEHICLES / MACHINERY

- 1. The Contractor is responsible for ensuring any maintenance vehicles and/or machinery do not interfere with or obstruct the client's day to day operations or cause any nuisance to the PM.
- 2. Where vehicles are to be parked and/or moved about the client's land for maintenance purposes the PM shall be informed of the presence of those vehicles as necessary.

#### 103 PESTS AND DISEASES

- 1. The Contractor shall inspect monthly all planted areas, including trees, for any signs of pest or disease infection and shall report any such discovery to the PM.
- 2. Upon discovery of such pest or disease the Contractor shall apply a suitable approved pesticide or other remedy in accordance with good horticultural practice.

#### 104 FAILURE TO MAINTAIN

1. In the event of the Contractor failing to maintain the work to the standard specified, the right is reserved to delete the remaining maintenance work from the contract and instruct another to

complete the work without thereby vitiating the plant replacement guarantee embodied in this specification contract.

# Generally

# 105 MAINTENANCE OBJECTIVES

- 1. Location: Soft and hard landscape areas within site boundary.
  - 1.1. Duration: 1 year from Practical Completion
- 2. Aims: Enhanced landscape quality, improved visual amenity and opportunities for recreation.

#### 108 GENERAL PROCEDURES

- 1. When employees are inspecting the Landscape Areas it should be noted that the general presentation of the site falls under their care. These inspections shall include but not be limited to the following:
  - Collection of all litter in whatever location;
  - Removal of all surface debris of whatsoever nature;-
  - Noting and reporting of any visible irrigation problems whether damage, too wet or dry.
  - Noting and subsequent reporting of disease or pest incidence-
  - Noting and subsequent reporting of any damage;-
  - Checking of signs and ensuring they are vertical and in the right position;
  - Checking conditions of all ancillary equipment i.e. Signs, Posts, Handrails & Guardrails; Fences;
  - Notice Boards; Pathways & edgings; Drainage Swales, Grilles & Gulleys.
  - Any other problem not listed;

#### 110 NOTICE

- 1. Give notice before
  - 1.1. Application of herbicide.
  - 1.2. Application of fertilizer.
  - 1.3. Watering.
  - 1.4. Each site maintenance visit.
- 2. Period of notice: 2 days

#### 120 BIRD NESTING SEASON

- 1. The bird nesting season is from 1st February to 31st August.
- 2. No works will be undertaken on vegetation without first checking for nests/nest building during this season.
- 3. Prior approval of the Project Ecologist to be obtained no less than 7 days before any operation on areas that may contain nests/nest building during this season.

# 130 REINSTATEMENT

1. Damage or disturbance to soil structure, planting, grass, fencing, hard landscaping, structures or buildings: Reinstate to original condition.

# 155 WATERING

- 1. Supply: Potable mains water supply
- 2. Quantity: Wet full depth of topsoil
- 3. Application: Do not damage or loosen plants.
- 4. Compacted soil: Loosen or scoop out, to direct water to rootzone.
- 5. Frequency: As necessary for the continued thriving of all planting.

#### 160 WATER RESTRICTIONS

1. 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 ARISINGS

- 1. General: Unless specified otherwise, dispose of arisings as follows:
  - 1.1. Biodegradable arisings: Remove to recycling facility
  - 1.2. Grass cuttings: Not applicable; no grass on site
  - 1.3. Tree roots and stumps: Remove from site
  - 1.4. Shrub and tree prunings: Remove to recycling facility
  - 1.5. Litter and nonbiodegradable arisings: Remove from site

#### 180 CHIPPING OR SHREDDING

1. General: Not permitted on site.

# 181 MECHANICAL EQUIPMENT

- 1. General: Minimize.
- 2. Prohibited equipment: Chippers and leaf vacuums
- 3. Timing: Use of mechanical equipment allowed between the hours of 09:00am and 5:30pm only unless stated otherwise by Kings College estate management

#### 190 LITTER

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

#### 197 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.

#### 198 DEFECTS PERIOD

- Maintain trees and planted areas in good condition up to end of the Defects Liability Period which will operate for the following period(s) from the date of acceptance of Practical Completion:
  - Semi-mature and mature trees: 36 months
  - Extra-heavy trees and feathered trees: 36 months

- Shrubs / specimen shrubs: 12 months
- Herbaceous and groundcover plants: 12 months
- Amenity grass areas: 12 months
- 2. Throughout the Defects Liability Period make regular visits in order to maintain trees and planted areas in accordance with this specification.
- 3. Carry out provisional/ additional works within 14 days of receiving written instructions from the Contract Administrator (CA).

#### Grassed areas

#### 210 MAINTENANCE OF GRASSED AREAS

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

#### 211 MAINTENANCE OF GRASSED AREAS

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

#### 220 GRASS CUTTING GENERALLY

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

# 225 TREE STEMS

1. 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.

#### 250 LEAF REMOVAL

- 1. Operations: Collect fallen leaves.
- 2. Special requirements: None
- 3. Disposal: Remove from site for composting.

# 255 FIRST CUT OF LAWN

- 1. Height of initial growth: 75mm
- 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: Gradually reduce the mowing height of grass after establishment over three cuts until the specified mowing height of 25mm is achieved.
- 4. Mower type: Contractor's choice
- 5. Arisings: Remove

#### 260 MOWING LAWNS

- 1. Grass height: Maintain between 25 and 50mm
- 2. Arisings: Remove

# 285 TOP DRESSING

- 1. Location: All lawns
- 2. Timing: Following scarification and aeration
- 3. Material: Sandy loam
- 4. Supplier: Rolawn Limited or similar approved Elvington

York

YO41 4XR

Tel: 0845 604 6050 Fax: 01904 608272.

- 4.1. Product reference: Rolawn Top Dressing
- 5. Declaration of analysis: Submit.
- 6. Additional analyses: Not required
- 7. Samples: Supply 5 kg sample before ordering
- 8. Application rate: 1-2 mm depth

#### 290 ROLLING

- 1. Location: All lawns.
- 2. Timing: After all risk of frost heave.
- 3. Roller: Contractor's choice
- 4. Operations: Consolidate turf and reduce frost heave.

#### 295 SPIKING

- 1. Location: All lawns
- 2. Timing: As necessary to relieve compaction
- 3. Operations: Aerate the soil and improve surface water penetration.

# 300 SCARIFYING

- 1. Location: All lawns
- 2. Timing: Contractor's choice
- 3. Operations: Relieve thatch conditions and remove dead grass.

- 4. Depth (maximum): Contractor's choice
- 5. Arisings: Remove for composting on site Remove

#### 309 EDGES TO SEEDED AREAS

- 1. Location: Planting beds and around newly planted trees.
- 2. Timing: After seeded areas are well established.
- 3. Edges: Cut to clean straight lines or smooth curves. Draw back soil to permit edging.
- 4. Arisings: Remove.

#### 310 RE-FORMING GRASS EDGES

- 1. Location: All edges
- 2. Edges: Draw back soil and re-form edges to clean straight lines or smooth flowing curves, sloping slightly back from vertical.

# 320 LEVELLING HOLLOWS AND BUMPS IN TURF

1. Standard: To BS 7370-3, clauses 12.4 and 12.5.

#### 330 SELECTIVE HERBICIDE

- 1. Location: All lawns
- 2. Herbicide: Suitable for suppressing perennial weeds
- 3. Areas not to be sprayed: Desirable herbaceous plantings

# 345 CONTROL OF JAPANESE KNOTWEED

- 1. Operations: Spot treat in June and September during suitable weather conditions and when plants are growing vigorously.
- 2. Herbicide:
- 3. Application:
- 4. Arisings:

# 350 FERTILIZER – SPRING APPLICATION

1. Type: As Clause Q30 / 276

# 381 REINSTATEMENT OF WORN OR DAMAGED LAWNS

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

# Flower beds/ seasonal beddings

#### 471 FLOWER BEDS GENERALLY

- 1. Operations
  - 1.1. Remove: fallen leaves, litter and debris, but leave dead/ornate flower heads over the winter and cut back in early spring.
  - 1.2. Weeds: Thoroughly hand weed.
  - 1.3. Cultivate: Lightly hoe,.
- 2. Fungicide: Contractor's choice
- 3. Insecticide: Contractor's choice

# Shrubs/trees/hedges

#### 500 ESTABLISHMENT OF NEW PLANTING

- 1. Duration: Two full growing seasons from the date of planting
- 2. Weed control
  - 2.1. Method: Keep planting beds clear of weeds by maintaining full thickness of mulch.
  - 2.2. 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.
- 3. Soil condition: Fork over beds to keep soil loose, with gentle cambers and no hollows. Do not reduce depth or effect of mulch.
- 4. Watering: Regularly in order to maintain healthy plant stock; maintenance regime to be agreed with KCL prior to handover

# 502 ESTABLISHMENT OF NEW PLANTING – FERTILIZER

- 1. Time of year: March or April.
- 2. Type: Slow release
- 3. Spreading: Spread evenly. Carefully lift and replace any mulch materials.
  - 3.1. Application rate: As manufacturer's recommendations

#### 515 TREE GUY WIRES

- 1. Inspection/ Maintenance times: Immediately after strong winds
- 2. Operations
  - 2.1. Replace or resecure loose or missing guy wires.
  - 2.2. Adjust to suit stem growth and to provide correct and uniform tension.
- 3. Removal: Once tree root system

#### 540 PRUNING GENERALLY

- 1. Pruning: In accordance with good horticultural and arboricultural practice.
  - 1.1. Removing branches: Do not damage or tear the stem or bark.
  - 1.2. Wounds: Keep as small as possible and cut cleanly back to sound wood.
  - 1.3. Cutting: Make cuts above and sloping away from an outward facing healthy bud, angled so that water will not collect on cut area.
  - 1.4. Larger branches: Prune neither flush nor leaving a stub, but using the branch bark ridge or branch collar as a pruning guide.

- 2. Appearance: Thin, trim and shape each specimen appropriately to species, location, season, and stage of growth, leaving a well balanced natural appearance.
- 3. Tools: Use clean sharp secateurs, hand saws or other approved tools. Trim off ragged edges of bark or wood with a sharp knife.
- 4. Disease or infection: Give notice if detected.
- 5. Growth retardants, fungicide or pruning sealant: Do not use unless instructed.

#### 546 PRUNING OF EXCESSIVE OVERHANG

- 1. Timing: Annually
- 2. Operations: Remove growth encroaching onto paths, roads, signs, sightlines and road lighting luminaires
- 3. Special requirements: Allow ground cover plants to partially overlap retaining upstands

#### 555 PRUNING TREES AND SHRUBS

- 1. Standard: To BS 7370-4.
- 2. Special requirements: Growth retardents not permitted an

#### 570 FORMATIVE PRUNING OF YOUNG TREES

- 1. Standard: Type and timing of pruning operations to suit the plant species.
- 2. Time of year: Do not prune during the late winter/ early spring sap flow period.
- 3. Young trees up to 4 m high
  - 3.1. 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.
  - 3.2. Remove duplicated branches and potentially weak or tight forks. In each case cut back to live wood.
- 4. Whips or feathered trees: Do not prune.
- 5. Operatives: Approved specialist contractor

#### 575 PRUNING ORNAMENTAL SHRUBS

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

# 580 PRUNING FLOWERING SPECIES OF SHRUBS AND ROSES

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

#### 600 TRIMMING RAPIDLY ESTABLISHING HEDGES

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

#### 620 REMOVAL OF DEAD PLANT MATERIAL

1. 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.

# 625 CLIMBING PLANTS

- 1. Pruning: Remove excess growth, to ensure that signs, light fittings, doors and windows are kept clear at all times.
- 2. Insecure growth: Attach to supporting wires or structures using plastic clips.
- 3. Supporting structures: Check and repair as necessary.

#### 630 DEAD AND DISEASED PLANTS

- 1. Removal: As soon as possible
- 2. Replacement: In the next suitable planting season

#### 635 REINSTATEMENT OF SHRUB/ HERBACEOUS AREAS

- 1. Dead and damaged plants: Remove.
- 2. Mulch/ matting materials
  - 2.1. Carefully move to one side and dig over the soil, leaving it fit for replanting.
- 3. Do not disturb roots of adjacent plants.
- 4. Replacement plants
  - 4.1. 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.
  - 4.2. Additional requirements: Submit details and cost of plants before ordering
- 5. Dressing: Slow release fertilizer:
  - 5.1. Type: Contractor's choice
  - 5.2. Application rate: As manufacturer's recommendations

#### 640 THINNING BY REMOVAL OF SURPLUS PLANTS

- 1. Plants to be thinned: Herbaceous beds
- 2. Standard: BS 7370-4.
- 3. Timing: When foliage of adjacent plants has begun to touch
- 4. Roots
  - 4.1. Disturbance to adjacent plants: Minimise.
  - 4.2. Soil: Refill holes with topsoil to leave an even graded surface.
  - 4.3. Mulch: Maintain mulch as original specification.
  - 4.4. Adjacent plants: Make good any minor damage immediately.
- 5. Plants for retention: Select plants with a strong healthy habit.

#### 645 WEED CONTROL GENERALLY

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

# 650 HAND WEEDING

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

#### 657 HERBICIDE TO KILL REGROWTH

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

#### 675 DIGGING OVER

- 1. General: Dig over beds. Do not damage existing plants, bulbs and roots.
  - 1.1. Depth of dig (minimum): 75 mm

#### 680 SOIL AERATION

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

# 685 SOIL LEVEL ADJUSTMENT

- 1. Level of soil/mulch at edges of beds: Reduce to 50 mm below adjacent grass or hard surface.
  - 1.1. Arisings (if any): Spread evenly over the bed.

#### 690 MAINTENANCE OF LOOSE MULCH

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

# 695 FERTILIZING ESTABLISHED TREES AND SHRUBS

- 1. Time of year: During February or March
- 2. Type of fertilizer: Slow release
- 3. Application: Spread evenly.
  - 3.1. Rate: As manufacturer's recommendations

# 696 FERTILIZING NEWLY PLANTED TREES AND SHRUBS

- 1. Time of year: During February or March
- 2. Type of fertilizer: Slow release
- 3. Application: Spread evenly.
  - 3.1. Rate: As manufacturer's recommendations

# 705 WINTER LEAF REMOVAL

- 1. Operations: Take down temporary leaf fences. Collect accumulations of drifted leaves from the vicinity and from planting beds.
- 2. Arisings: Remove to recycling facility

#### Tree work

#### 810 TREE WORK GENERALLY

- 1. Identification: Before starting work agree which trees, shrubs and hedges are to be removed or pruned.
- 2. Protection: Avoid damage to neighbouring trees, plants and property
- 3. 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.
- 5. Appearance: Leave trees with a well balanced natural appearance.
- 6. Chain saw work: Operatives must hold a Certificate of Competence.
- 7. Tree work: To be carried out by an approved member of the Arboricultural Association.

#### 815 ADDITIONAL WORK

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

# 820 PREVENTION OF WOUND BLEEDING

1. Standard: To BS 3998, clause 8.

#### 825 PREVENTION OF DISEASE TRANSMISSION

1. Standard: To BS 3998, clause 9 and Appendix B.

#### 830 CLEANING OUT AND DEADWOODING

- 1. Remove
  - 1.1. Dead, dying, or diseased wood, broken branches and stubs.
  - 1.2. Fungal growths and fruiting bodies.
  - 1.3. Rubbish, windblown or accumulated in branch forks.
  - 1.4. Wires, clamps, boards and metal objects, if removable without causing further damage and not part of a support structure that is to be retained.
  - 1.5. Other unwanted objects, e.g. tree houses, swings.

#### 835 CUTTING AND PRUNING GENERALLY

- 1. Tools: Appropriate, well maintained and sharp.
- 2. Final pruning cuts
  - 2.1. Chainsaws: Do not use on branches of less than 50 mm diameter.

- 2.2. Hand saws: Form a smooth cut surface.
- 2.3. Anvil type secateurs: Do not use.
- 3. Removing branches: Do not damage or tear the stem.
- 4. 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.
- 5. Cutting: Cut at a fork or at the main stem to avoid stumps wherever possible.
- 6. Large branches: Remove only with prior approval
  - 6.1. Remove in small sections and lower to ground with ropes and slings.
- 7. Dead branches and stubs: When removing, do not cut into live wood.
- 8. Unsafe branches: Remove epicormic shoots and potentially weak forks that could fail in adverse weather conditions.
- 9. Disease or fungus: Give notice if detected. Do not apply fungicide or sealant unless instructed.

#### 840 CROWN REDUCTION/ SHAPING

- 1. General: Cut back selectively to lateral or sublateral buds or branches to retain flowing branch lines without leaving stumps.
- 2. Operations: As agreed with Landscape Architect

#### 845 CROWN LIFTING

- 1. Clearances: Remove branch systems to give clearance.
  - 1.1. Height: 2.0 m above footpaths; Only to trees in hard paved areas and not the trees located in concrete seat walls
- 2. 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

- 1. Removing branches: Remove inward growing, crossing, rubbing, dead and damaged branches.
- 2. Thinning: Selectively remove secondary and small live branch growth evenly throughout the crown.
  - 2.1. Quantity: To be agreed with Landscape Architect
- 3. Cutting: Make no cuts of more than 35mm diameter...
  - 3.1. Branches: Cut back to lateral or sublateral buds or branches without leaving stumps.
- 4. Appearance: Leave a uniform and well balanced structure of branches and foliage.

#### 855 CUTTING TREE ROOTS

- 1. Excavating: Use hand tools only.
- 2. Protected area: Do not cut roots within an area which is the larger of:
  - 2.1. The branch spread of the tree.
  - 2.2. An area with a radius of half the tree's height, measured from the trunk.
- 3. Outside protected area: Give notice of roots exceeding 50 mm in diameter. Do not cut without approval.
- 4. Cutting
  - 4.1. Cutting: Make clean smooth cuts with a hand saw.
  - 4.2. Wounds: Minimize. Avoid ragged edges.
  - 4.3. Finishing: Pare cut surfaces smooth with a sharp knife.
- 5. Backfilling

- 5.1. Protection: Cover cut roots with clean sharp sand.
- 5.2. Material: Backfill with original topsoil.

# 860 REMOVING TREES, SHRUBS AND HEDGES

- 1. Standards: To BS 3998, Appendix A and Health & Safety Executive (HSE)/ Arboricultural and Forestry Advisory Group Safety Leaflets.
- 2. Existing services: Check for below and above ground services. Give notice if they may be affected.
- 3. Shrubs and smaller trees: Cut down and grub up roots.
- 4. Tree stumps
  - 4.1. Removal: In accordance with arborists recommendationsl
  - 4.2. Removal by winching: Give notice. Do not use other trees as supports or anchors.
- 5. Protection: Avoid damage to neighbouring trees, plants and property
- 6. 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.
- 7. Filling holes
  - 7.1. Material: Use as-dug material and/ or imported soil as required.
  - 7.2. Finishing: Consolidate and grade to marry in with surrounding ground level.

#### 865 BARK DAMAGE

- 1. Wounds
  - 1.1. Do not attempt to stop sap bleeding.
  - 1.2. Bark: Remove ragged edges using a sharp knife.
  - 1.3. Wood: Remove splintered wood from deep wounds.
  - 1.4. Size: Keep wounds as small as possible.
- 2. Liquid or flux oozing from apparently healthy bark: Give notice.

# 870 CAVITIES IN TREES

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

#### Water areas - Not Used

#### Hard landscape areas/fencing

#### 900 SNOW CLEARANCE

- 1. Clearance: When instructed
- 2. Deicing: To footpaths
  - 2.1. Material: Grit
  - 2.2. Timing: When instructed
  - 2.3. Application rate: Spread evenly at a rate of: As manufacturer's recommendations

#### 910 HARD SURFACES AND GRAVEL AREAS

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

#### 920 FENCING

1. Fences: Inspect and repair to maintain its appearance and function.

# 930 GRAFFITI REMOVAL

- 1. Method: To be agreed with CA
- 2. Subsequent treatment: To be agreed with CA
  - 2.1. Finish: To be agreed with CA

 $\Omega$  End of Section