THiiiNK! Design
Cumberland Lodge, 17 Grove Crescent, Kingston upon Thames, KT1 2DD Tel: 020 8547 0234 THiiiNK@btinternet.com

Planting & Softworks Specification & Post completion Maintenance

Address: FLAT 1
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NW3 7PH
CAMDEM

Date: 19/10/17

L A N D S C A P E

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Planting & Softworks Specification & Post completion Maintenance

Contents

1. GENERAL INFORMATION/ REQUIREMENTS

Cumberland Lodge, 17 Grove Crescent, Kingston upon Thames, KT1 2DD Tel: 020 8547 0234 THiiiNK@btinternet.com

1.18 Q31/270 PLANTING GENERALLY

1.19 Q31/280 TREATMENT OF TREE WOUNDS

1.20 Q31/290 SURPLUS MATERIAL

2.PREPARATION OF PLANTING BEDS/ PLANTING MATERIALS

2.1 Q31/300 HERBICIDE TO CLEAR OVERGROWN BEDS

2.2 Q31/335 GENERAL FERTILIZER

2.3 Q31/341 PEAT

2.4 Q31/359 SOIL AMELIORANT/ CONDITIONER

2.5 Q31/360 COMPOST

2.6 Q31/375 CULTIVATION

3. PLANTING SHRUBS/ HERBACEOUS PLANTS/ BULBS

3.1 Q31/402 PLANT LAYOUT ALL AREAS

3.2 Q31/405 SHRUB PLANTING PITS

3.3 Q31/421 PLANTING CLIMBING PLANTS

3.4 Q31/440 PLANTING HERBACEOUS PLANTS

3.5 Q31/476 SHRUB, HERBACEOUS AND BULB BACKFILLING MATERIAL

3.6 Q31/480 AFTER PLANTING

3.7 Q31/485 MULCHING GENERAL PLANTING BEDS

4. PLANTING TREES

4.1 Q31/503 NURSERY STOCK TREES

4.2 Q31/514 TREE PIT ACCESSORIES TREE TIES

4.3 Q31/516 TREE PIT DRAINAGE

4.4 Q31/535 STAKING GENERALLY

4.5 Q31/536 STAKES FOR TREES

4.6 Q31/537 TREE TIES

4.7 Q31/587 TREE & SPECIMEN SHRUB BACKFILLING MATERIAL

Cumberland Lodge, 17 Grove Crescent, Kingston upon Thames, KT1 2DD Tel: 020 8547 0234 THiiiNK@btinternet.com

4.8 Q31/591 MULCHING TREES WITHIN PLANTING BEDS

5. PROTECTING/ MAINTAINING/ MAKING GOOD DEFECTS

5.1 Q31/731 PROTECTIVE FENCING

5.2 Q31/740 CLEANLINESS

5.3 Q31/750 PLANTING MAINTENANCE GENERALLY

5.4 Q31/751 FAILURES OF PLANTING (POST PRACTICAL COMPLETION

5.5 Q31/752 PLANTING MAINTENANCE-DURING DEFECTS LIABILITY PERIOD

5.6 Q31/755 PLANTING MAINTENANCE – FERTILIZER

5.7 Q31/755 PLANTING MAINTENANCE – PRUNING

6. PLANT LIST

7. TREE SURVEY

Please find attached the following:

1.LD-THO-P-001A

LD-THO-P-002A

LD-THO-P-003A

LD-THO-P-004

LD-THO-P-005

2.EXISTING LANDSCAPE WITH GROUND FLOOR PLAN AS PER GRANTED APPLICATION

3.PROPOSED LANDSCAPE FLOOR PLAN

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External planting

1. GENERAL INFORMATION/ REQUIREMENTS

1.1 Q31/112 SITE CLEARANCE GENERALLY

• General: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.

• Stones: Remove those with any dimension exceeding 50 mm.

• Contamination: Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life.

• Vegetation: Clear scrub to ground level; retain and protect trees as instructed by Contract Administrator/ Landscape Architect.

• Large roots: Notify Contract Administrator/ Landscape Architect upon instruction grub up and dispose of without undue disturbance of soil and adjacent areas.

Additional requirements: None.

1.2 Q31/118 SOIL CONDITIONS

• Soil for cultivating and planting: Moist, friable and not frozen (with the exception aquatic/ marginal planting) 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.

1.3 Q31/120 CLIMATIC CONDITIONS

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

Strong winds: Do not plant.

1.4 Q31/125 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 marginal): September/ October or March/ April.

• Container grown plants: At any time if ground and weather conditions are favourable.

- Watering and weed control: Provide as necessary.

• Dried bulbs, corms and tubers: September/ October.

• Green bulbs: After flowering in spring.

• Wildflower plugs: Late August to mid November or March/ April.

1.5 Q31/130 MECHANICAL TOOLS

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

1.6 Q31/145 WATERING

• Quantity: Wet full depth of topsoil.

• Application: Even and without damaging or displacing plants or soil.

Frequency: As necessary to ensure establishment and continued thriving of planting.

1.7 Q31/150 WATER RESTRICTIONS

• 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.

1.8 Q31/160 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: 7 days

1.9 Q31/165 PREPARATION, PLANTING AND MULCHING MATERIALS

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

• Certified materials: For each of the following materials submit a certificate giving supply source, content analysis, confirmation of suitability for purpose and confirmation of absence of harmful substances.

Bark Mulch

-Any imported growing medium soil or soil ameliorant.

1.10 Q31/200 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: Balanced with branch system in accordance with the National Plant Specification.

- Standard: The National Plant Specification.

• Species: True to name.

• Origin/ Provenance:

-Native Plants: Local provenance

-Grown in the United Kingdom for at least one growing season, unless otherwise approved.

Definition: Origin and Provenance have the meaning given in the National Plant Specification.

• All plant material is to be healthy, vigorous and sound transplanted nursery stock, with well formed fibrous roots, well formed heads and to have been grown at, or grown in, the supply nursery for a minimum of one year.

1.11 Q31/215 PLANTS/ TREES - SPECIFICATION CRITERIA

• Name, forms, dimensions, provenance and other criteria: As scheduled and defined in the National Plant Specification.

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1.12 Q31/235 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.

1.13 Q31/245 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.
- Part bundles.
- Supplier's name.
- Employer's name and project reference.
- Plant specification, in accordance with scheduled National Plant Specification categories.

• Additional information: Submit on request:

- Country of origin;
- Date supplied and consignment details or reference;
- Impact of pest/ disease;
- Name or designation of rootstock of budded or grafted plants;
- Potting dates;
- Propagation method and dates;

- Pruning dates; and

- Type of container.

1.14 Q31/250 SUPPLY OF PLANTS/ TREES

• Suppliers: Members of the Horticultural Trades Association Nursery Certification Scheme.

1.15 Q31/256 PLANTS/ TREES RESERVED AT SUPPLIER'S PREMISES

• Types/ Species: All trees and shrubs are to be pre-tagged by Contract Administrator/ Landscape Architect in the supply nursery. Organisation and expense of tagging trip to be by the soft landscape contractor.

• Predelivery inspection: Contractor to make allowance for Landscape Architect nursery inspection visits, give 14 days notice

Labelling: Identify inspected plants/ trees as reserved for use on this project.

1.16 Q31/261 PLANT/ TREE SUBSTITUTION

• Substitutions will not be accepted. Where plants/ trees are unobtainable contact landscape architect for nursery / supplier advice.

• Where substitution is unavoidable: Contact landscape architect, submit alternatives, stating:

- Price.

- Difference from specified plants/ trees.

Approval: Obtain before making any substitution.

1.17 Q31/265 PLANT HANDLING, STORAGE TRANSPORT AND PLANTING

• Standard: To HTA 'Handling and establishing landscape plants'. Part1, Part II and Part III, paragraphs 1.3.3 to 1.3.6, 3.0 and 4.0

• Frost: Protect plants/ trees from frost.

• Handling: Handle plants with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle.

• Plant packaging: Co-extruded polyethylene bags with black interior and white exterior.

• Packaging of bulk quantities: Pallets or bins sealed with polyethylene and shrink wrapped.

Planting: Upright or well balanced with best side to front.

• After delivery, if planting cannot be carried out immediately, plants may be stored in their packaging, under cover and away from direct sunlight for a maximum of 7 days where daytime air temperatures will remain below 10ºC. For longer periods, of if daytime temperatures are above 10ºC, store plants in the following manner at no additional cost.

-Bare root plants will be heeled in, by placing roots in a prepared trench and covering them with topsoil or suitable moisture retentive medium, approved by Contract Administrator/ Landscape Architect. Plants root wrapped in porous/ non porous materials will be unwrapped and similarly heeled in.

-All plant bundles will be opened and plants loosely distributed within the medium to prevent mould, disease and rotting.

-Rootballed plants will be stood upright with the ball immersed in topsoil or suitable moisture retentive medium

-Container grown plants will be stood closely together, upright, on a well drained weed free ground.

-Adequately support trees and other large nursery stock to prevent from blowing over. Water plants as necessary to prevent from drying out.

-Protect plants from theft, damage and adverse weather conditions whilst stored and make good any losses arising at no additional cost.

1.18 Q31/270 PLANTING GENERALLY

• Standard: To HTA' Handling and establishing landscape plants' Part III, paragraphs 6.2 to 6.6

• Appearance: Plant Upright or well balanced with best side front.

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1.19 Q31/280 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.

1.20 Q31/290 SURPLUS MATERIAL

• General: Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove and compost as instructed.

2 PREPARATION OF PLANTING BEDS/ PLANTING MATERIALS

2.1 Q31/300 HERBICIDE TO CLEAR OVERGROWN BEDS

• Locations: All shrub planting areas.

• Type: Suitable for suppressing perennial weeds.

• Timing: Allow fallow period before cultivation.

Duration (minimum): As manufacturer's recommendation.

2.2 Q31/335 GENERAL FERTILIZER

• Locations: around each tree/ plant .

• Manufacturer: Contractor's choice to be approved by Landscape Architect prior to use.

- Product reference: Contractor's choice.

• Application: as specified by the manufacturer. Spread evenly.

- Timing: as specified by the manufacturer.

Rate: as specified by the manufacturer.

• Product to be approved as recommended by independent soil science consultant following topsoil analysis. Refer clause Q28/ 300A

2.3 Q31/341 PEAT

• Peat or products containing peat: DO NOT USE

2.4 Q31/359 SOIL AMELIORANT/ CONDITIONER

• Locations: All planting areas.

• Manufacturer/ Supplier: Melcourt Industries Ltd., Boldridge Brake, Long Newnton,

Tetbury, Glos., GL8 8RT. Tel: 01666 502711 Fax: 01666 504398. or similar approved

- Product reference: Melcourt Super Humus.

• Application: as recommended by independent soil science consultant following topsoil analysis. Spread evenly.

- Timing: Apply prior to cultivation.

- Rate: Spread Super Humus evenly onto the soil surface to a depth of 150mm and thoroughly incorporate into the top 450mm of topsoil.

2.5 Q31/360 COMPOST

• One of the following spread over all planting areas at 1 cu m of material per 10 sq m

prior to cultivation: as recommended by independent soil science consultant following topsoil analysis.

- Manure: Well rotted "short" horse or farmyard dung but not poultry or pig manure

- Other well rotted organic material subject to approval

2.6 Q31/375 CULTIVATION

• Requirements: Before cultivation commences, all planting areas will be covered with topsoil as per clause Q28/420A of the topsoil specification.

• Crumb Structure: Do not over compact topsoil. Preserve a friable texture of separate visible crumbs where possible.

• Compacted topsoil: Break up to full depth.

• Cultivation: Loosen, aerate and break up soil into particles of 2-8 mm.

- Depth: 450 mm, ensuring topsoil and subsoil do not become mixed.

- Timing: Within a few days before planting.

- Weather and ground conditions: Suitably dry.

• Surface: Leave regular and even to flowing lines.

• Levels: within 25mm of levels specified on drawings.

• Undesirable material brought to the surface: Remove visible weeds, roots, clods and large stones with any dimension exceeding 50mm, rubbish, building materials and debris, any other foreign matter.

Soil within root spread of trees and shrubs to be retained: Do not dig or cultivate with machines.

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3.PLANTING SHRUBS/ HERBACEOUS PLANTS/ BULBS

3.1 Q31/402 PLANT LAYOUT ALL AREAS

Spacing: As per drawings, all setting out to be agreed on site prior to planting.

3.2 Q31/405 SHRUB PLANTING PITS

• Timing: Excavate 1-2 days (maximum) before planting.

• Sizes: 150mm wider in all directions and 75mm deeper than the fully spread root system.

• Pit bottom improvement break up throughly. Backfilling material: Reuse excavated material..

3.3 Q31/421 PLANTING CLIMBING PLANTS

- Planting holes for climbers to be 300 mm wider than root spread and 500 mm deep

- Plant 150 mm clear of wall with roots spread outward. Lightly secure branches to supports using brown Flexitie. Retain canes of plants which are too small to reach supports

- Climber supports: use 10 gauge galvanized steel weldmesh fixed to fences starting 200 mm from ground level.

All setting out to be approved

3.4 Q31/440 PLANTING HERBACEOUS PLANTS

• Well rooted, healthy, hardy and not less than one year of full growth.

• Where there is no detailed planting plan evenly space at the rate stated over the allocated area avoiding straight lines. Plant carefully in generously sized holes with finely broken soil returned around the roots. Lightly firm the soil

3.5 Q31/476 SHRUB, HERBACEOUS AND BULB BACKFILLING MATERIAL

• Composition: Previously prepared mixture of topsoil excavated from pit and additional topsoil as required:

• Ameliorant/ Conditioner: Melcourt Super Humus. See Q31/359

- Application rate: 150mm depth over full area and thoroughly incorporate, or 5:1

ratio topsoil to ameliorant/ conditioner

• Fertilizer: see Q31/335

Application rate: to soil analysts recommendations..

3.6 Q31/480 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.

• Top dressing: Not required.

Depth: N/A.

3.7 Q31/485 MULCHING GENERAL PLANTING BEDS

• Material: Ornamental Bark Mulch.

- Matured British conifer bark with an even nominal particle size distribution of 5-75mm and less than 15% wood content

- Purity: Free of pests, disease, fungus and weeds.

• Manufacturer: Melcourt Industries Ltd., Boldridge Brake, Long Newnton, Tetbury Glos., GL8 8RT. Tel: 01666 502711 Fax: 01666 504398

• Preparation: Clear all weeds. Water soil thoroughly.

• Coverage: finished depth of 50 mm in all planting areas, allowing at least 10% for settlement after 30 days.

4. PLANTING TREES

4.1 Q31/503 NURSERY STOCK TREES

• To BS 3936:Part1, sizes as scheduled.

• Transplant to BS 3936 unless specified otherwise in this clause.

• Pits: Not less than the following:

Diameter Depth

Bush, whip and small

feathered trees 600 mm 450 mm

Standard and large

feathered trees 900 mm 600 mm

Tall standard trees 1200 mm 600 mm

Where necessary increase these dimensions to ensure that pits are at least 75 mm

deeper than root system and wide enough to accommodate roots when fully

spread. Break up bottom of pit to a depth of 150 mm.

- Backfilling material: As clause Q31/587

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• Orientation: Before lifting, mark north side of trees to ensure that orientation is

the same when replanted

Cut back any broken or damaged roots to sound growth. Treat cut ends over 25 mm diameter with fungicidal sealant.

Plant trees upright, unless otherwise instructed, in centre of pit and at original soil depth.

Bare root trees: Place backfilling material in 150–250 mm layers, shaking tree to ensure close contact with roots and elimination of air pockets. Firm the soil as backfilling proceeds taking care not to damage any roots. Heel in firmly around root collar.

Root dip: Alginure Root Dip by Alginure Products Ltd. Leyswood House, Groombridge, Kent. To be used on all bare rooted plants.

Root balled trees: Firm backfilling material around root ball in 150 mm layers taking care not to disturb roots.

• Support: Single stake bare root trees to clause Single oblique stake conifer trees as clause.

Double stake root balled trees as clause.

Stakes: 75 mm thick (100 mm for trees over 3 m high) softwood, pressure impregnated to BS 4072, straight, free of projections and pointed at one end.

Accessories: See clauses 513 / 514.

4.2 Q31/514 TREE PIT ACCESSORIES TREE TIES

• Locations: As drawings.

• Supplier: J.Toms Ltd., 7 Marley Farm, Headcorn Road, Smarden, Ashford, Kent, TN27 8PJ. Tel: 01233 770066, Fax: 01233 770055].

Type: 37.5mm nylon reinforced rubber belts with rubber spacer sleeves.

4.3 Q31/516 TREE PIT DRAINAGE

• Tree pits to be constructed and tested for free drainage prior to tree planting.

If thorough breaking up of the pit base is not sufficient to provide free drainage additional drainage is to be installed and connected to a land drainage system.

Proposals are to be submit

• Depth of excavation: Increase from specified size to allow for aggregate layer, withbase slightly falling to outlet.

ted for approval before installation of drainage.

• Aggregate layer: Clean gravel or broken stone, with no fines, graded 40 to 20 mm.

- Depth: 300 mm.

• Drainage pipes:

- Type: Perforated plastics.

- Diameter: 100 mm.

- Portion: Lay around perimeter of pit within aggregate layer.

• Geotextile filter:

- Manufacturer: Submit proposals.

- Product reference: Submit proposals.

- Position: Lay over aggregate before installing tree or backfill.

Completed pits: Test for free drainage before planting.

4.4 Q31/535 STAKING GENERALLY

• Stakes: Softwood, peeled chestnut, larch or oak, straight, free from projections and large or edge knots and with pointed lower end.

Marian Boswall Landscape Architects

26-10-2016 – Marian Boswall Landscape Architects– Page 39 of 43

- Preservative treatment: Not required.

• Nails: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads.

Stake size (minimum): 100mm diameter.

4.5 Q31/536 STAKES FOR TREES

• Pressure impregnated softwood, straight, free of projections and pointed at one end., Minimum length and thickness to be determined as follows:

Length of stake + Length of stake below ground +Thickness (square orround)

Advanced nursery stock (one oblique stake and one flexible tie and buffer block per tree) 2m 1.0m 100mm

Standard nursery stock (one oblique stake and one flexible tie and buffer block pertree) 1m 0.5m 100mm

4.6 Q31/537 TREE TIES

• FLEXIBLE TREE TIES: for use on all staked trees, flexible rubber or similar

approved figure of eight tie, twice nailed to stake

4.7 Q31/587 TREE & SPECIMEN SHRUB BACKFILLING MATERIAL

• Composition: Previously prepared mixture of topsoil excavated from pit and additional topsoil as required.

• Ameliorant/ Conditioner: Melcourt Topgrow. Supplier: Melcourt Industries Ltd., Boldridge Brake, Long Newnton, Tetbury, Glos., GL8 8RT. Tel: 01666 502711 Fax:

01666 504398.

- Application rate: 1 part Topgrow to 2 parts clay topsoil, 1 part Topgrow to 3 parts imported loamy topsoil.

• Fertilizer: Agroblen tablets.

- Application rate: as soil analysts recommendations

specimen shrubs: 6 tablets per plant 10-12cm girth and over: 6 tablets /16 cm girth and over: 10 tablets

4.8 Q31/591 MULCHING TREES WITHIN PLANTING BEDS

• Material: As per clauses 485A / 485B

• Preparation: Clear all weeds. Water soil thoroughly.

• Coverage: as per clauses 485A / 485B.

• Finished level of mulch: Flush with mulch level across the planting bed, 25 mm below adjacent paved areas.

5. PROTECTING/ MAINTAINING/ MAKING GOOD DEFECTS

5.1 Q31/731 PROTECTIVE FENCING

• Protective fencing to be erected to all planting areas likely to be affected by

ongoing construction work. Areas to be discussed and agreed on site one week

prior to completing planting.

• Fencing type: Cleft chestnut pale fencing to BS 1722-4.

- Height: 1200 mm.

• Erection: On completion of planting.

• Removal: Fencing will remain the property of the Contractor. Remove and refill

post holes following acceptance of rectified defects.

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5.2 Q31/740 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.

5.3 Q31/750 PLANTING MAINTENANCE GENERALLY

• Weed control: Maintain weed free area around each tree and shrub.

- Diameter (minimum): The larger of 1 m or the surface of original planting pit.

- Keep planting beds clear of weeds: By maintaining full thickness of mulch.

• 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.

• 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.

- Broken or missing items: Replace.

-Rubbing: Prevent.

- Ties: Adjust to accommodate growth.

- Damage to bark: Cut back neatly with sharp knife. Prevent further damage.

- Frequency of checks: Every month.

• Firming up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.

• Trees: Spray crown when in leaf during warm weather.

- Timing: After dusk.

Watering: WATERING (BEFORE PRACTICAL COMPLETION): During establishment of planting ensure that sufficient water is applied to maintain healthy growth.

5.4 Q31/751 FAILURES OF PLANTING (POST PRACTICAL COMPLETION)

FAILURES OF PLANTING (Post Practical Completion): Any trees/shrubs/plants which are dead, dying or otherwise defective at the end of the relevant period(s) stated in the Contract will be regarded as defects due to materials or workmanship not in accordance with the Contract. They must be replaced by approved equivalent trees/shrubs/ plants at the next suitable planting season unless otherwise instructed

5.5 Q31/752 PLANTING MAINTENANCE-DURING DEFECTS LIABILITY PERIOD

During the Defects Liability Period carry out maintenance of the planted areas as follows:

– Make visits at approximately monthly intervals during the growing season and as necessary to fulfill the requirements of this specification.

– Keep all beds clear of weeds by cultivating and use of approved herbicides

when instructed to do so. Fork over beds as necessary to keep soil loose, with approved cambers and no hollows.

– Once during the Period, in March or April, evenly spread 15:15:15 N:P:K Straight Agricultural or slow release type fertilizer: 70 g per feathered, standard or heavier tree 40 g per whip or shrub.

– Or Blood fish and bone as instructed

– Prune plants at appropriate time to remove dead or dying and diseased wood and suckers, to promote healthy growth and natural shape. Dress cut ends exceeding 25 mm diameter with fungicidal sealant.

– Regularly check condition of stakes, ties, guys and guards. Replace broken or missing items. Adjust ties if necessary to prevent rubbing of bark. Cut back any damaged bark and treat wound with fungicidal sealant.

– Ensure that sufficient water is applied to maintain healthy growth.

5.6 Q31/755 PLANTING MAINTENANCE - FERTILIZER

• Time of year: March or April.

• Fertilizer: Blood fish and bone.

- Manufacturer: Contractor's choice.

- Product reference: Contractor's choice.

• Application: Evenly spread, carefully incorporating below mulch materials.

Application rate: To manufacturer's recommendations.

5.7 Q31/760 PLANTING MAINTENANCE - PRUNING

• General: Prune to promote healthy growth and natural shape.

- Dead, dying, diseased wood and suckers: Remove.

- Timing: As appropriate to the species.

- Trees: Favour a single central leading shoot.

Arisings: Remove.

6.PLANT LIST

Plant List - 14 Ferncroft Avenue

ID	Qty	Latin Name	Common Name	Scheduled Size	Remarks
Abe-g	3	Abelia x grandiflora	Abelia	10L	
Ac-p-B	2	Acer palmatum var. atropurpureum 'Bloodgood'	Bloodgood Japanese Maple	20L	1.75-2m height
Ac-san	1	Acer palmatum 'Sangokaku'	Coral Bark Japanese Maple	20L	1.75-2m height
Am-lam	2	Amelanchier lamarckii	Lamarck Serviceberry	2-2.5m	Multistem
Fat-j	4	Fatsia japonica	Japanese Aralia	10L	
Ger-R	48	Geranium x 'Rozanne'	Rozanne Cranesbill	2L	
Hak-m	48	Hakonechloa macra	Japanese Forest Grass	2L	
Hel-xh	48	Helleborus x hybridus	Lenten Rose	2L	
Lir-m	48	Liriope muscari	Big Blue Lily Turf	1L	
Pol-p	48	Polystichum polyblepharum	Tassel Fern	2L	
Tra-j	18	Trachelospermum jasminoides	Star Jasmine	7.5L	1.8-2m tall.
Vib-d	15	Viburnum davidii	David Viburnum	5L	
Vin-m-B	63	Vinca minor 'Bowles' (V. m. 'La Grave')	Bowles` Common Periwinkle	1L	

7.TREE SURVEY

BS5837:2012 Tree Survey

Client: Gavin and Lisa Thompson
Project: 14 Ferncroft Avenue NW3
Survey Date: 15/03/2012
Surveyor: D N Tomlinson

Tomlinson Tree Surgeons
228 Risley Avenue
Tower Gardens
London
N17 7EN
Phone: 020 8808 5810
Mobile: 07703 654 512

Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
1										Estimated Measurements	
Wild Cherry *Prunus avium*	9	1	380	N 0 / E 1 / S 4 / W 2	3 / 3 / 3 / 3	Dead	A: 65.3 R: 4.55	Dead	C: S: B:	Fell :: Fell and remove stump(s)	U n/a
2										Estimated Measurements	
Unknown - -	9	1	230	N 2 / E 2 / S 2 / W 2	1 / 1 / 1 / 1	M	A: 23.9 R: 2.75	Decline	C: Poor S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is close to properties the crown is smothered in ivy large poftions have died	C.2 10 to 20 yrs
3										Estimated Measurements	
Unknown - -	1	1	220			Dead	A: 21.9 R: 2.64	Dead	C: S: B:	Fell :: Fell and remove stump(s) This tree is now a dead stem 1m high	U
4										Estimated Measurements	
Common Juniper *Juniperus communis*	5	1	114	N 0 / E 0 / S 2.5 / W 0.5	1 / 1 / 1 / 1	M	A: 5.9 R: 1.37	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and remove stump(s) This tree has subsded substantially to the south and is no. Longer stable	U.2 <10 yrs

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature
Condition: C Crown; S Stem; B Basal area
Stems: Ø Diameter; (Eq) Equivalent stem diameter using BS5837:2012 definition

Page 1 TreeMinder 25 September 2017

Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
5											Estimated Measurements
Lawson Cypress 'Ellwoodii' *Chamaecyparis lawsoniana 'Ellwoodii'*	6	2	170 (Eq)	N 0 E 0.3 S 1.5 W 0.3	1 1 1 1	M	A: 13 R: 2.03	Poor	C: Poor S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree has been supressed by the neighbouring trees the crown is unbalanced	C.2 <10 yrs
6											Estimated Measurements
Common Ash *Fraxinus excelsior*	8	1	114	N 1 E 1 S 1 W 1	4 4 4 4		A: 5.9 R: 1.37	Fair	C: Fair S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is close to properties is a self sown sapling	C.2 10 to 20 yrs
7											Estimated Measurements
Common Holly *Ilex aquifolium*	6	2	127 (Eq)	N 2 E 2 S 2 W 0.5	1 1 1 1		A: 7.3 R: 1.52	Fair	C: Fair S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is young has poor form with a twin stem	C.2 10 to 20 yrs
8											Estimated Measurements
Common Hawthorn *Crataegus monogyna*	6	2	269 (Eq)	N 3.2 E 1.5 S 2.7 W 3	1 1 1 1	SM	A: 32.7 R: 3.22	Fair	C: Fair S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is self sown and has poor form it has been supressed	C.2 10 to 20 yrs
9											Estimated Measurements
Apple *Malus Unknown*	4	1	320	N 0 E 2.8 S 4 W 0	2 2 2 2	M	A: 46.3 R: 3.83	Fair	C: Fair S: Fair B: Fair		B.2 20 to 40 yrs
10											Estimated Measurements
Common Hazel *Corylus avellana*	9	10	316 (Eq)	N 2.7 E 4 S 4.3 W 1.5	1.5 1.5 1.5 1.5	M	A: 45.2 R: 3.79	Good	C: Good S: Good B: Good	This tree has ben maintaned as a coppced stool	B.2 20 to 40 yrs

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature
Condition: C Crown; S Stem; B Basal area
Stems: Ø Diameter; (Eq) Equivalent stem diameter using BS5837:2012 definition

Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
11											Estimated Measurements
Common or Black Elder *Sambucas nigra*	9	1	220	N 0 E 5 S 0 W 2.2	0 2.5 0 2.5	OM	A: 21.9 R: 2.64	Poor	C: Poor S: Poor B: Poor	Fell :: Fell and treat stump(s) This tree has subsided substantially as is unstable	U.2 <10 yrs
12											Estimated Measurements
Wild Cherry *Prunus avium*	12	1	320	N 3 E 2.7 S 2.5 W 2.5	2.5 2.5 2.5 2.8	M	A: 46.3 R: 3.83	Good	C: Good S: Good B: Good		B.2 20 to 40 yrs
13											Estimated Measurements
Common Ash *Fraxinus excelsior*	12	1	260	N 3 E 4 S 3 W 2	5 5 5 5	M	A: 30.6 R: 3.12	Fair	C: Fair S: Fair B: Poor	Fell :: Fell and remove stump(s) This tree is self sown and isgrowing on top of an old retained raft structure. The roots do not have sustainable anchorage leaving this tree unstable	U.2 <10 yrs

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Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
5										Estimated Measurements	
Lawson Cypress 'Ellwoodii' *Chamaecyparis lawsoniana 'Ellwoodii'*	6	2	170 (Eq)	N 0 / E 0.3 / S 1.5 / W 0.3	1 / 1 / 1 / 1	M	A: 13 R: 2.03	Poor	C: Poor S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree has been supressed by the neighbouring trees the crown is unbalanced	C.2 <10 yrs
6										Estimated Measurements	
Common Ash *Fraxinus excelsior*	8	1	114	N 1 / E 1 / S 1 / W 1	4 / 4 / 4 / 4		A: 5.9 R: 1.37	Fair	C: Fair S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is close to properties is a self sown sapling	C.2 10 to 20 yrs
7										Estimated Measurements	
Common Holly *Ilex aquifolium*	6	2	127 (Eq)	N 2 / E 2 / S 2 / W 0.5	1 / 1 / 1 / 1		A: 7.3 R: 1.52	Fair	C: Fair S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is young has poor form with a twin stem	C.2 10 to 20 yrs
8										Estimated Measurements	
Common Hawthorn *Crataegus monogyna*	6	2	269 (Eq)	N 3.2 / E 1.5 / S 2.7 / W 3	1 / 1 / 1 / 1	SM	A: 32.7 R: 3.22	Fair	C: Fair S: Fair B: Fair	Fell :: Fell and remove stump(s) This tree is self sown and has poor form it has been supressed	C.2 10 to 20 yrs
9										Estimated Measurements	
Apple *Malus Unknown*	4	1	320	N 0 / E 2.8 / S 4 / W 0	2 / 2 / 2 / 2	M	A: 46.3 R: 3.83	Fair	C: Fair S: Fair B: Fair		B.2 20 to 40 yrs
10										Estimated Measurements	
Common Hazel *Corylus avellana*	9	10	316 (Eq)	N 2.7 / E 4 / S 4.3 / W 1.5	1.5 / 1.5 / 1.5 / 1.5	M	A: 45.2 R: 3.79	Good	C: Good S: Good B: Good	This tree has ben maintaned as a coppced stool	B.2 20 to 40 yrs

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature
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Report selection criteria.

Projects.
14 Ferncroft Avenue NW3

Date Range.
Any Date

Work types.
----> Fell :: Fell and remove stump(s)
----> Fell :: Fell and treat stump(s)
----> -No Selection made-

Latest Survey.
All surveys for the selected trees.
---> Last survey for each selected tree.

Work Completed.
---> Work Completed
---> Work Not Completed

Number of trees in selected Project(s) 13
Number of trees in Report selection 13

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature
Condition: C Crown; S Stem; B Basal area
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