

LANDSCAPE PLANTING SPECIFICATION:

- Ground Preparation Vegetation Clearance prior to top soiling
1. All grass and other herbaceous vegetation shall be cut to a height of between 50 mm and 75 mm and the arisings, litter and building debris and stone over 75mm in diameter likely to adversely affect planting is to be removed and disposed of off Site.
 2. The Contractor shall apply a non-residual translocated herbicide in accordance with manufacturer's instructions to all areas to be planted between 21 and 25 days prior to planting.
 3. Where the area to be treated with herbicide has been cut the Contractor shall await active vegetative re-growth sufficient for the herbicide to be at its most effective before applying the herbicide.
 4. All arising from weed control will be removed from site.

Planting

5. All Planting Works shall be carried out in accordance with BS 4043, BS 4428 and BS 5837. In addition, all trees and methods for planting and establishment are to be selected in accordance with BS8545:2014 "Trees: from nursery to independence in the landscape - Recommendations".
6. On completion of planting operations, all disturbed accesses to, and ground around the planted areas shall be completely reinstated to their former condition as at the commencement of planting.

Plants

7. All plants to be supplied shall be as scheduled and shall comply with BS 3936: Parts 1 to 10 as relevant, BS 4043, the National Plant Specification, published by the Horticultural Trades Association. If plants grown in cells are required, the cells shall be designed for tree or shrub use and the plants shall be grown in open conditions for one growing season.
8. No grafted stock shall be supplied unless it is stated that grafted plants are permitted.
9. Plants shall be lifted, packed and handled in accordance with BS 3936, BS 4043 and the Horticultural Trades Association publication, the National Plant Specification, Section 10.2, Handling and Establishing Landscape Plants.
10. During the period subsequent to the receipt of the plants and prior to planting, the Contractor shall comply with the treatment of nursery stock specified below:
11. Bare-root plants. Prior to or on arrival at Site plants may be stored up to 3 days in bundles with a covering of freely draining moisture-retentive material such as wet sacking or straw which is moistened periodically. For a storage period of more than three days, bundles shall be opened and the plants spread out and heeled into trenches in topsoil, minimum depth 300mm, with the roots fully in contact with the soil.
12. Bare-root plants transported in plastic bags. Plants in bags shall be stored no more than one layer deep and be protected from direct sunlight at all times. Where delay of more than one day occurs, the bags shall be stored upright, not stacked, in a cool shady position or shed, or placed in a cold store. If cold store facilities are not available, plants shall be removed from bags and heeled into soil with all roots covered.
13. Container or cell grown plants. Containers shall be maintained upright, watered as required, sheltered and protected from frost, and shall not be packaged or stored more than one layer deep. Degradable pots, cells or root-trainers that may disintegrate in transit shall be enclosed in polythene film (250 gauge) and firmly secured.
14. Protection from frost. When necessary, additional measures shall be undertaken to protect plants from frost.
15. The location for temporary storage shall be sheltered from winds and well drained.
16. All containers shall remain completely filled with compost. If up to 10% compost has been lost from containers at any stage, then further suitable moistened compost shall be added to completely cover the root systems and fill the containers. Any containers which have lost more than 10% compost shall be replaced. All containerised plants shall be thoroughly soaked prior to planting and all containers removed.
17. Any plants damaged by frost, desiccation, or in any other way prior to planting, shall be removed from site and replaced with new plants.
18. All labels, canes and ties shall be removed following planting.
19. All other arisings from the planting including containers, wrappings, paddings, fastenings and bags shall be collected immediately by the Contractor and removed off Site.
20. Native planting mixes to be set-out as shown opposite.

Compost and Fertiliser

21. Compost shall be peat-free organic composted material graded less than 25 mm particle size and free from any non-biodegradable material, weed material or plant pathogens. It shall have an organic matter content greater than 35% on a dry matter basis and readily available trace elements. The compost shall be supplied with a volume tolerance of less than 5%.
22. PAS100 compost shall be added to backfill material to ameliorate the topsoil. The following rates of compost shall be thoroughly incorporated into the backfill material as follows:
 - Feathered: 20% of backfill material minimum 6 lt per plant.
 - Slow release fertiliser Enmag CRF or similar and approved shall be used. The fertiliser shall be thoroughly and evenly mixed with the pit backfill at the following rates:
 - Hedge planting - 5g per planting pit
 - Feathered trees - 50g per planting pit

Time of Planting

23. Planting of bare-rooted hedge plants, shall take place during favourable weather and soil conditions, during the next available planting season November to March.
24. Container-grown plants of the types listed above may be planted at any time during favourable weather and soil conditions.
25. No planting or preparatory operations shall take place when the ground is frost bound, covered by snow, excessively wet or waterlogged.
26. Whip planting depth: Whip planting depth for all other plants shall be to the original nursery soil mark on the plant.

Planting Pits

27. Planting pit dimensions as per table below:

TABLE 1 - TREE PIT DIMENSIONS		
TYPE	DIMENSION OF EXCAVATION L x W x D (mm)	DEPTH OF CULTIVATION AT THE BASE OF PITS OR TRENCHES (mm)
Feathered	600 x 600 x 450	200
Whip Planting (Bare Root)	shall be notch planted	
Whip Planting (Container)	300 x 300 x 300	100

28. Each plant shall be placed upright in the centre of the pit with the roots spread evenly outwards and downwards without restriction. Where necessary, any badly damaged roots shall be carefully pruned before being planted. The subsoil in the pit base shall be broken up to a depth of 100mm.

Guarding

29. All plants should be protected with Tubex Treeguard Mesh Tubes and staked / supported (or similar and approved) as follows:
 - Whips / containers - 1.5m high with bamboo support cane; 150cm high.
 - Feathered - 1.8m high with a single softwood stake, minimum 50mm diameter secured with at least two cushioned ties.

Watering

30. Supply a minimum of 4.5 litres of water per whip plant apply immediately following planting and 25litres per feathered tree.

Mulches: Ground Preparation

31. Before application of any mulch the planting areas and/or tree positions which are to be mulched shall be free of grass and weed growth
32. Mulching hedges and tree planting areas:
33. Material: Medium grade bark mulch to consist of predominantly matured British Pine Bark with an even nominal size distribution of 5-35mm with 0%dust and fines and less than 5% wood content
34. Purity: Free of pests, disease, fungus and weeds, and shall not have been treated with Methyl Bromide or any additives. The product shall have been tested in accordance with the requirements of BS4790:1987, for fire resistance
35. Preparation: Clear all weeds. Water soil thoroughly.
36. Coverage: 75mm depth.
37. Finished level of mulch: 50mm above adjacent seeded areas

Replacement of Failed or Defective Plants

38. The Contractor shall maintain all planting undertaken under the Contract until all planting works are certified as completed.
39. For the duration of the 12 month rectification period, the Contractor shall replace all plants which are missing, have died, or which in the opinion of the Overseeing Organisation are failing to make satisfactory extension growth.
40. When replacement planting is undertaken, ground and pit preparation and planting shall be undertaken in accordance with this Clause. All plants removed shall be taken to a licenced tip off Site. Diseased plants shall be disposed of appropriately.
41. Following replacement planting, any stakes, ties, tubes or guards shall be re fixed/replaced and any mulch shall be reinstated to the original specification. Watering shall be carried out prior to any mulch reinstatement.

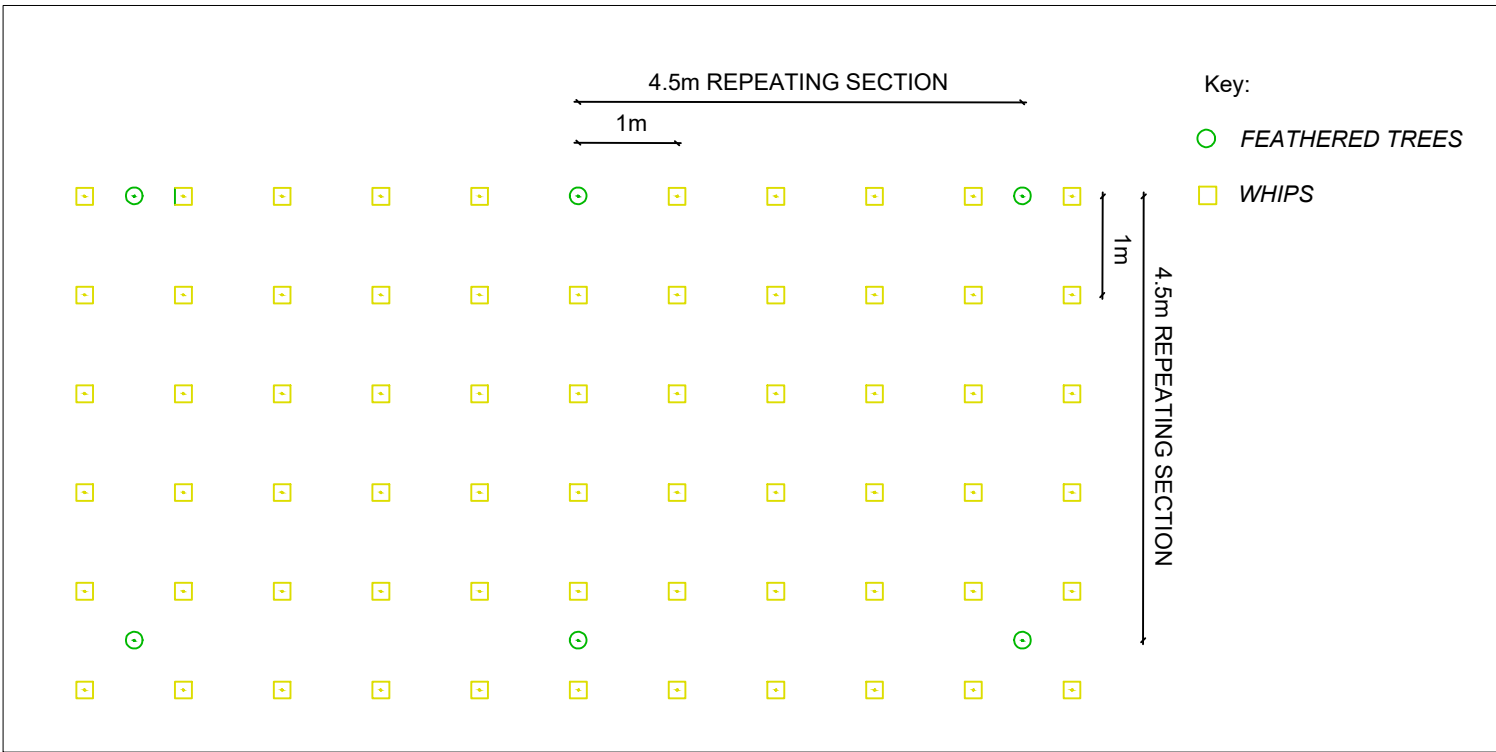
Maintenance

42. Regular monthly visits are required during the 12 month rectification period following planting to completion to maintain all planted areas in a weed and litter free condition using a combination of chemical spray and hand weeding to be agreed with the Landscape Architect.
43. Maintenance to include watering, pruning, pest and disease control and re-mulching as required.
44. Watering shall be carried out as necessary to maintain healthy growth or as required by the Landscape Architect.
45. All shelter guards to be removed at end of 5 year maintenance period.

Safety precautions

46. The landscape contractor is to take all safety precautions to prevent any injury to any persons. The landscape contractor shall comply with the requirements of the Health & Safety at Work Act 1974 and current Construction, Design and Management Regulations.

Example setting out plan of woodland extension planting mix



NOTE:

Feathered trees to be positioned at a minimum of 4.5m centres amongst the whips at a spacing of 1m centres.

Feathered trees to be located in randomly staggered single species groups of 3 and 5's. Whips to be planted in single species groups of 5,7, and 9's.



PROJECT

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GENERAL NOTES

- 1- To be read conjunction with accompanying landscape planting plan, planting schedule ref: 60610807-ACM-CS-ZZ-DR-LA-00-0301 - 60610807-ACM-CS-ZZ-DR-LA-0303.
- 2- Exact areas of proposed planting to be agreed with on site by Contractor and Landscape Architect. Final planting areas shown may vary.
- 3- Drawings to be read in colour.
- 4- Drawings not to be scaled from.

ISSUE/REVISION

P02	05/09/2023	CLIENT ISSUE
P01	22/08/2023	INITIAL ISSUE
I/R	DATE	DESCRIPTION

INFO.

PROJECT NUMBER

60610807

SHEET TITLE

PLANTING SPECIFICATIONS

SHEET NUMBER

60610807-ACM-CS-ZZ-DR-LA-0302