

**OUTLINE PLANTING & MANAGEMENT SPECIFICATION**

**BEFORE PLANTING**

Supply & handling of trees and shrubs

- Comply with the *National Plant Specification (NPS) and the NPS Handling and Establishment (Code of Practice for Plant Handling by CPSE)* available free at: [www.csdhub.com](http://www.csdhub.com).
- Ensure all nurseries / plant suppliers comply with the NPS and all legal requirements concerning plant health and biosecurity, e.g. plant passporting and import notifications for particspecies as appropriate.
- All plants shall have been grown in peat free growing media. Provide details of the growing media used.

Implementation

Conditions for planting

- Soil conditions: moist, friable and not waterlogged
- Climatic conditions: suitably dry and minimal wind
- Time of year for planting: Bare root / root-balled plants from end November to end March; Evergreen plants: October/November or April; Container-grown: anytime of the year but preferably autumn/winter

Preparation of stock

- Remove inorganic containers
- Check for and reject any damaged, diseased, poorly rooted, pot-bound, pest infested, wrongly identified plants, or plants not complying with all the requirements of the plant list (unless previously agreed).
- Remove any string, or similar from canopy and prune out any dead, diseased, or malformed growth prior to planting.
- Carefully prune any minor root damage.

Watering before planting

- If soil is dry, thoroughly water 24 hours before planting.

**PLANTING & MANAGEMENT OF ADVANCED NURSERY STOCK**

Planting

- Trees: as scheduled
- Setting out: In accordance with the planting plans
- Existing vegetation/weed clearance: Clear vegetation from a circular area of 600mm radius measured from the centre of the planting station without the use of herbicides
- Tree pits: 500 mm wider than, and the same depth as the rootball. Ensure base is free-draining and not compacted or smeared
- Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout
- Excavated material: Separate topsoil and subsoil material and stockpile for backfilling
- Pit bottoms: Excavate with slightly raised centre. Break up base to a depth of 150mm
- Pit sides: Scarify
- Irrigation: Perforated plastic irrigation pipe 60mm diameter with inlet and cap
- Underground guying: Platypus tree anchoring system, or equivalent, to be provided and installed for all trees.
- Backfilling material: Excavated material from tree pit mixed with an organic fertilizer and compost (2:1:1), installed to original soil profiles, evenly worked under and round the roots and well-heeled in layers.
- Ensure the root flare is clearly visible above the finished soil level (including mulch if applicable);
- Firming: lightly firm soil around plants, without damaging roots, with gentle cambers and no hollows
- Watering: water plants thoroughly immediately after planting without displacing plants or soil
- Protection: spiral rabbit guards, clear
- Mulch: Apply bark mulch annually in November leaving a small ring next to the tree trunk mulch, 100mm depth

Establishment management

Years 1 to 5

- Weed control: Maintain a vegetation-free area of 600mm radius around each planted tree without use of herbicide. The area inside spirals should also be kept weed-free
- Mulch: Apply bark mulch annually in November leaving a small ring next to the tree trunk mulch, 100mm depth
- Spirals: Regularly check, replace or adjust as required. Carefully replace spirals lifted to remove grass growth
- Firming in: Check for loose trees after strong winds and firm in
- Watering: In periods of drought, water shrubs to ensure their successful establishment, targeting those that do not appear healthy or have suppressed growth
- Formative pruning: Carry out as required between November and February to encourage strong crown development
- Replacement: Replace dead/diseased/damaged plants or plants that are otherwise failing to thrive on a like for like basis aiming to be 100% stocked by the end of the first 5 years following planting

Ongoing management

Years 6 onwards

- Mulch: Apply bark mulch annually in November leaving a small ring next to the tree trunk mulch, 100mm depth (Years 6 to 10)
- Spirals: Remove spirals (year 6)
- Watering: In periods of drought, water trees to ensure their successful establishment, targeting those that do not appear healthy or have suppressed growth
- Established tree pruning: Carry out as required between November and February to remove lower branches which may interfere with access, to remove diseased or damaged branches, or to improve the appearance of the tree.

**PLANTING & MANAGEMENT OF NURSERY STOCK**

Planting

- Stock: As scheduled
- Setting out: Staggered centres 2m apart in rows 2m apart in same species groups of between 3no. to 9no.
- Mulch: Top up bark mulch annually to maintain a depth of 100mm
- Ground preparation: Cut back tall shrubby/herbaceous vegetation to a height of 25mm and remove turf to a depth of 25mm and to a 600mm radius measured from the centre of the planting station.
- Planting: Notch plant at the nursery soil level.
- Firming: lightly firm soil around plants, without damaging roots, with gentle cambers and no hollows
- Watering: water plants thoroughly immediately after planting without displacing plants o
- Protection: Individually protect shrubs with 0.75m, green, staked Tubex Shrubshelters, or similar.
- Fence: 1550 height timber post and galvanised steel wire fence with matching access gates
- Mulch: apply bark mulch annually; circular area of 600mm radius for standard trees; and 600mm radius for transplants and ontainerised small stock; 100mm depth

Establishment management

Years 1 to 5

- Adjacent existing vegetation: if required, trim any adjacent tree or shrub canopy in January or February to prevent shading out of new plants
- Weed control at planting stations: Maintain the vegetation-free area around each tree without use of herbicide. The area inside guards should also be kept weed free
- Mulch: Top up bark mulch annually to maintain a depth of 100mm
- Guards, Stakes, Ties etc: Regularly check, replace or adjust as required. Guards and stakes to be upright and pushed firmly into the soil. Carefully replace guards lifted to remove grass growth
- Firming in: Check for loose trees and shrubs after strong winds and firm in
- Watering: In periods of drought, water trees and shrubs targeting those that do not appear healthy or have suppressed growth
- Replacement: Replace dead, diseased or damaged plants on a like for like basis aiming to be 100% stocked by the end of the first 5 years following planting.
- Invasive or unwanted weeds: Remove before seed heads form

Ongoing management

Years 6 onwards

- Adjacent existing vegetation: if required, trim any adjacent tree or shrub canopy in January or February to prevent shading out of new plants
- Weed control at planting stations: Where trees and shrubs have grown above the height of their guards, grass sward can be allowed to grow. Tall weeds e.g. bramble should be cut back where there is a risk they may suppress planted tree and shrub growth
- Guards, Stakes, Ties etc: Remove individual protection of established trees and shrubs
- Invasive or unwanted weeds: Remove before seed heads form
- Upon closure carry out first thinning, selectively removing those trees and shrubs in poor health or with poor form and, where slower growing climax species are at risk of being smothered by adjacent fast-growing species such as Hazel, the latter should be coppiced
- Between five and seven years after the first thinning, thin again applying the principles of the first thinning

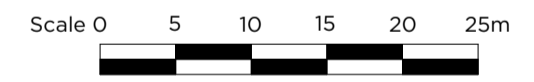


**PLANTING SCHEDULES**

Garden Boundary Tree Planting			
Species	Number	Size	Specification
Alnus incana	2	9	Semi-mature, RB
Fagus sylvatica	4	8	Semi-mature, RB
Malus 'Evereste'	5	9	Extra heavy standard, RB
Malus 'Profusion'	2	9	Extra heavy standard, RB
Pyrus calleryana 'Chanticleer'	12	9	Semi-mature, RB
Taxus baccata	3	2-2.5m (height)	RB
Tilia cordata	2	9	Semi-mature, RB
Tilia cordata 'Winter Orange'	5	9	Semi-mature, RB
<b>TOTAL</b>	<b>35</b>		

Paddock Planting			
Species	Number	Size	Specification
PLANTATION			
Acer campestre	90	60/80	transplant, BR
Corylus avellana	90	60/80	transplant, BR
Crataegus monogyna	90	60/80	transplant, BR
Malus sylvestris	25	60/80	transplant, BR
Prunus avium	25	60/80	transplant, BR
Viburnum opulus	25	60/80	transplant, BR
Viburnum lantana	25	60/80	transplant, BR
<b>TOTAL</b>	<b>370</b>		

INDIVIDUAL TREES			
Species	Number	Size	Specification
Acer campestre	1	10-12cm	Select standard, RB
Fagus sylvatica	2	10-12cm	Select standard, RB
Quercus robur	1	10-12cm	Select standard, RB
<b>TOTAL</b>	<b>4</b>		



REVISION	DATE	DESCRIPTION

**HILL HOUSE, OLD ALRESFORD**

**Paddock and Garden Boundary Tree and Shrub Planting Proposals**

**PLANNING**

SCALE: 1:500@A1	DRAWING NO: 1507.05
DATE: 16/02/24	
CP/KA/FT	