

Tree Planting - individual trees

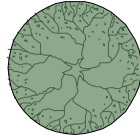
Species / size

Acg: *Acer campestre* 'Green Column' (Field Maple): 8 - 10 cm root ball x 2

Tcg: *Tilia cordata* 'Greenspire' (Lime): 8 - 10 cm root ball x 1

Sau: *Sorbus aucuparia* Sheerwater Seedling (Rowan): 8 - 10 cm root ball x 1

Ac: *Alnus cordata* (Italian Alder): 8 - 10 cm root ball x 4



Shrub Planting - individual shrubs

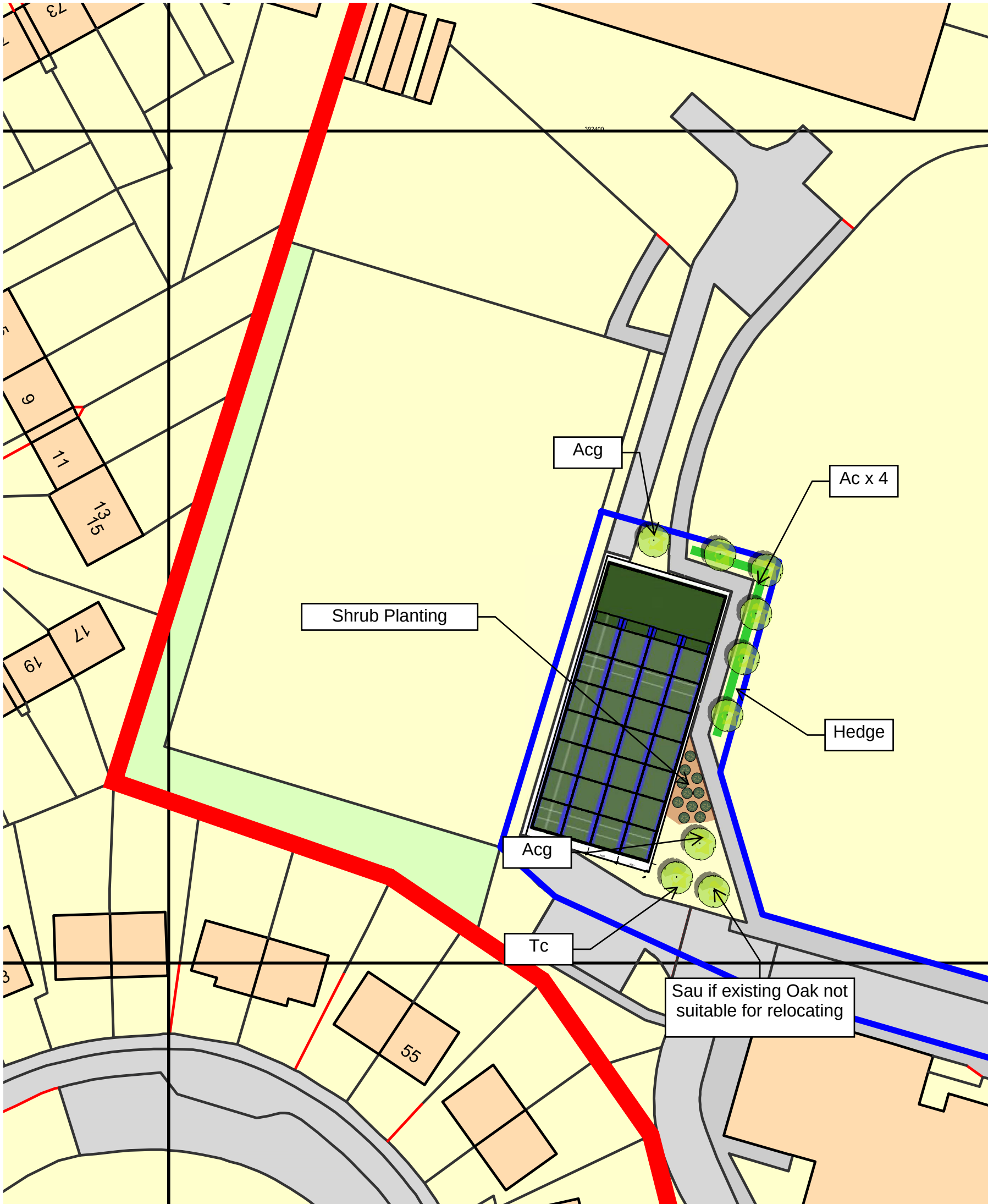
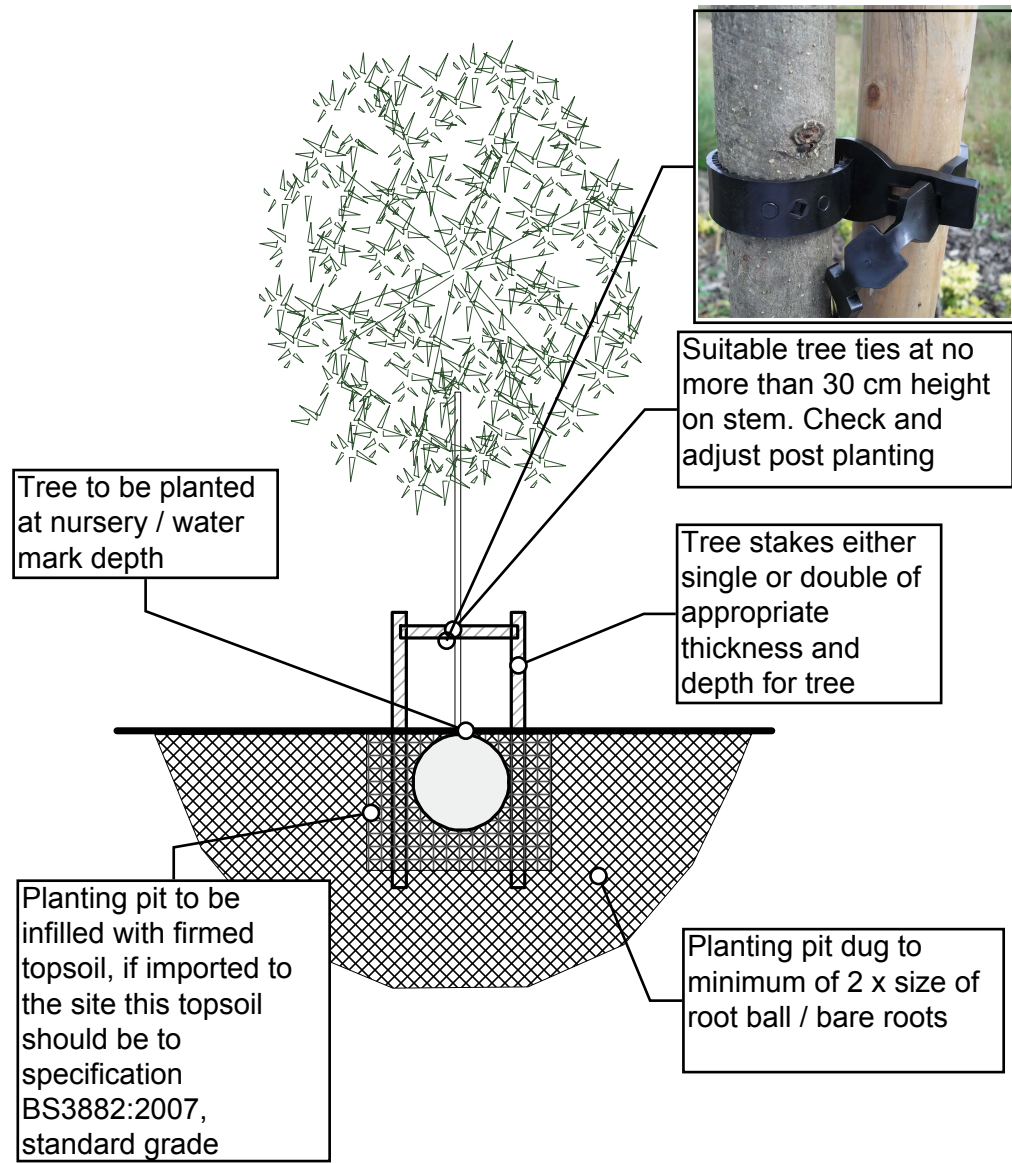
Species / size

Sn *Sambucus nigra* 'Black Lace'(Black Elderberry) : 3L x 3

Ha *Hebe albicans* (Hebe) : 3L x 5

Pt *Pittosporum tenuifolium* (Tom Thumb): 3L x 5

Tree planting, site areas - conventional short stake method



Hedge planting Group

New hedge along eastern edge of path

Hornbeam hedge – minimum plant size 2+1yr bare rooted age range
Planted in 2 x staggered rows at a rate of 6 plants per metre.
Estimated metreage : 32 metres
Species selection.
Carpinus betulus (Common Hornbeam)
Planting / establishment as above

The ground should be prepared by the screening back of any vegetation prior to planting.
Planting within the site should be within topsoil to a made up depth of 300 mm if existing ground conditions do not include sufficient topsoil.
This topsoil should be to specification BS3882:2007, standard grade.
All plants should be protected by appropriate guards i.e Planetec shrub guards staked with 2 x bamboo canes or Tubex 0.6m Easywrap

Tree planting Groups and individuals

This planting is intended to provide individual amenity / landscape trees as a replacement for required removals.

Tree types: Species selection. As detailed on planting plan

Sizes/planting: Standards in the size range 10 -12 cm cm girth root balled stock

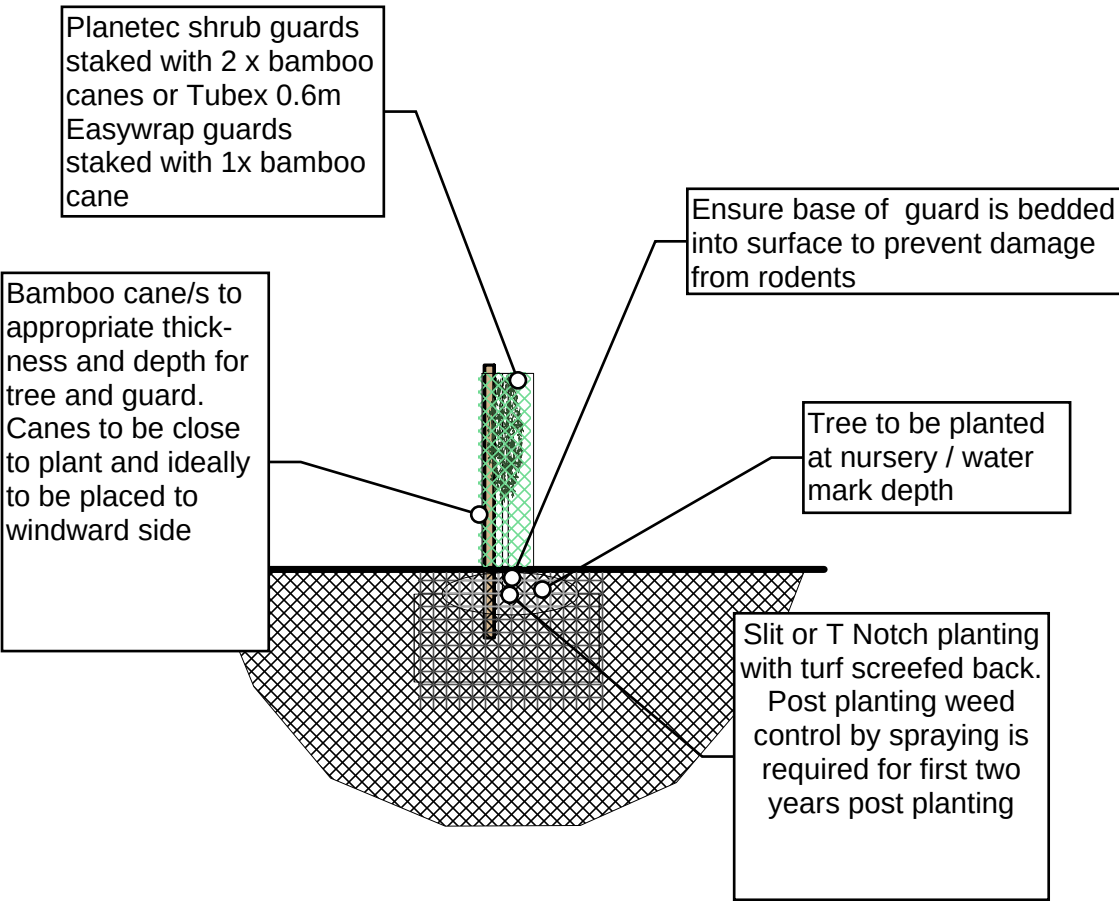
Shrub planting

This planting is intended to provide visual amenity in the central area.

Shrub planting is specified where planting of trees would not be appropriate in relation to the available planting areas. Planting of smaller shrubs at edges of beds and larger shrubs in centre or to rear of beds.
Sizes: 3L pots. Shrub types: Species selection. As detailed on plan

Planting densities: Planting centres of 1200mm = 0.69/m2 for larger varieties

Hedge planting



Soft Landscaping -
planting proposals

Project - Burnage Academy

Cricket Pitch

Date - 28/05/2024

Scale 1:100 @ A0

Version - 1
Created - A.W.

Reference -
File amends -

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Topsoil - all planting areas

The rooting depth shall normally be 450mm for grass, 600mm for shrubs and 900mm for trees. This will comprise of both topsoil and subsoil, the depth of topsoil spread shall not normally exceed 300mm. Suitable (loosened) subsoil shall provide the remainder of the minimum rooting depth. Any source of topsoil will be a well structured, clay loam, “as dug” soil with an independent soil analysis backed up with certification of conformity including all current environmental agency legislation and British Standard 3882 (Appendix A).

All Plants and Trees Generally

All trees and shrubs shall conform to the specification for nursery stock as set out in the National Plant Specification where it applies to trees, shrubs and plant handling and establishment: <http://www.gohelios.co.uk/nps/nps.aspx> and British Standard 3936 Parts 1 (1992) and 4 (1984). Advanced Nursery stock trees shall conform to BS 5236. Handling, planting and establishment of trees shall be in accordance with BS 8545:2014 Trees from nursery to independence in the landscape: Recommendations.

Planting and Aftercare

a. Tree planting

- Sizes/planting: Standards in the size range 8 - 10 cm girth.
- All tree stock should be to the specifications detailed in BS3936-1 Nursery Stock
- All trees and shrubs shall conform to the British Standard for Nursery Stock – BS 3936, parts 1, 2, 3, 4, & 5, as published by the BSI.
- They shall be nursery grown,"bare root", “root-balled”, or “container grown”, unless otherwise specified. No plant shall have a "man made" ball.
- Bare root shrubs or trees may be used where specifically indicated on plans.
- All deciduous street trees or trees adjacent to footpaths shall be free of branches to 2m above ground unless specified.
- Trees with bark included within major branch unions will not be accepted.
- Roots of field-grown trees must be intact and protected from desiccation with plastic wrap, this must be removed prior to planting. They must be then be planted as soon as practicable following delivery to site.
- Container grown trees must have the container on the root ball or the root ball, this must be removed prior to planting an they must be appropriately protected from desiccation planted as soon as practicable following removal.
- Trees with root balls that have bound or girdled roots are not acceptable and should be rejected.
- The trees within the boundary areas and margins of the site should be protected by staking to windward with suitable stakes and ties at no more than 30cm height to encourage root development. Trees should be planted in the recommended manner in respect of planting hole size in relation to bare root / root ball size and be in-filled with quality topsoil. See planting diagram on this plan.

Planting and Aftercare

Shrub planting

- When inspected visually, plants shall be free from pests and diseases, damage and signs of nutrient deficiency and toxicity.
- Plants will have adequate root systems and flowering plants shall have a reasonable expectation that they will give a good flower display the season following their planting out into open ground.
- All shrubs, hedging plants, climbers, herbaceous plants and bulbs should comply with BS 3936 (Appendix B).
- Planting will be avoided in frozen ground conditions and waterlogged soil.
- All plants will be firmed and watered if they are planted in dry weather.
- Planting holes should be about 150mm wider than the root spread.
- The shrubs should be set in the holes so that the soil level, after settlement, will be at the original root collar level on the stem of the shrub.
- The holes should be backfilled to half their depth then firmed by treading before the remainder of the topsoil is returned and firmed again.

Mulching

Prior to the application of mulch the planting areas shall be completely weed free and watered sufficiently to achieve field capacity. The surface of the planting areas shall be mulched with a minimum 75mm depth layer of 15-65mm nominal particle size, dark, matured woodchip mulch, ensuring that the low branches of trees, shrubs and/or herbaceous plants are NOT smothered. OR The surface of the planting areas shall be mulched with a biodegradable or photodegradable sheet mulch, pegged with a min 200mm edge buried. A minimum 50mm depth layer of 15-65mm nominal particle size, dark, matured woodchip mulch shall be laid on top, ensuring that the low branches of trees, shrubs and/or herbaceous plants are NOT smothered. Mulch shall be an approved product and completely weed and weed seed free. The mulch shall be topped-up to maintain, after settlement, a depth of not less than 50mm. Trees in grass areas shall be planted centrally within a 1m diameter mulch bed, to be mulched to 75mm deep. The surface of mulch to be 10mm below the surface of adjacent lawn / hard surface

Watering - All Tree and Shrub Planting:

Watering should be to the saturation of the ground to 'field capacity' at planting and regular watering thereafter during the establishment period, year 1 and 2. Additional watering should be applied in prolonged periods of dry weather during the initial two growing seasons. This watering should be to soil saturation (field capacity) during periods of dry weather in spring and summer months

Note. dry periods to be regarded as a maximum of 5 days without rain during years 1and 2 post planting.

10 year post planting schedule:

OPERATION	ADDITIONAL INFORMATION	FREQUENCY & TIMING
Inspection	Inspection of condition of trees while carrying out other operations	2 per year approximately All year round
Checking and adjusting stakes, ties and guys	Inspection and adjustment to allow for tree growth. Inspection of stakes, ties and guy, with repair or replacement if defective	2 per year April and October
Weed control in tree planting areas	Weed control carried out around trees within planted areas. Hand-weed preferable within 0.5 radius of tree trunks.	2 per year April and October
Application of slow-release fertiliser	Only required if plant growth is poor	1 per year April or May
Pruning for safety considerations	To remove encroachment onto paths and roads; to maintain sightlines and effectiveness of lights; includes crown lifting	1 per year or more frequently As required for tree species
Pruning for plant health and structure	Includes removal of dead wood and crossing stems to create sound structure. Removal of extraneous growth from trunks/roots	1 per year As required for tree species
Pest and disease control	Reporting of infestation with pests or signs of disease, diagnosis and treatment e.g., application of appropriate pesticide	1 every 3 years or less frequently As determined by problem
Replacement of failed trees	Remedy of problem and replacement with appropriate planting 1 per year	November – December
Watering	Post planting watering.	As determined by weather conditions