

- LEGEND**
- Proposed tree
 - Proposed shrub
 - Grasses
 - Concrete
 - Rocks
 - Mulched area
 - Dryland grass
 - Spray grass (dryland grass mix)
 - Grassed swale - spray grass (dryland grass mix)
 - Fence as per construction drawings
 - Stock exclusion fence
 - 3m rural gate
 - Top of bank
 - Bottom of bank

GENERAL NOTES
 This drawing is to be read in conjunction with the project specification and details.

Plant substitutions
 Proposed plant substitutions are to be approved by the landscape architect prior to placement of order.

PLANT SCHEDULE

Code	Qty	Botanical name	Pot size	Comments
Ccu	81	Casuarina cunninghamiana	200AS	or other air pruned container
Ckp	70	Callistemon 'Kings Park Special'	140mm	
Epa	11	Eucalyptus pauciflora	200AS	or other air pruned container
Eus	37	Eucalyptus stellulata	200AS	use tubestock if airpruned container not available
LI	672	Lomandra longifolia	hiko	Forestry tubes can be substituted
Lpc	124	Leptospermum 'Pink Cascade'	140mm	
Lww	60	Leptospermum 'White Wave'	140mm	

PRELIMINARY

Drawing
 Landscape plan
 Project
 Braidwood Waste Transfer Station
 Bombay Road
 Dwg no. 418-1 Design JC Date 8/5/18 Version B

SPECIFICATIONS AND NOTES

Underground services

No guarantee is given that all existing services are shown on the landscape plan.

The Contractor shall arrange to locate all underground services with the relevant authority prior to the commencement of the works. The Contractor shall immediately notify the relevant Authority and the Superintendent in the event of damage to any existing services. Where overhead public utility lines and surface drainage works and/or underground pipes, conduits, or cables exist in the vicinity of the works, the Contractor shall take care to protect such facilities from damage and, in the case of any damage occurring to such facilities, the matter shall be immediately reported to the relevant Authority and to the Superintendent. The cost of the necessary repairs or renewals shall be borne entirely by the Contractor.

Protection of landscape areas and trees

Materials and equipment must not be stored or vehicles parked within mulched landscape areas or under canopies of existing trees to be retained.

Protect trees to be retained using a nom. 1.8m high chain mesh fence located no closer to the tree than the edge of the canopy unless specified otherwise. Work within 3m of trees to be retained shall be carried out by hand to avoid damage by equipment. Cut roots neatly in the line of the work before commencing machine excavation. Roots that are greater than 30mm diameter measured at a distance of three metres from the tree trunk shall not be cut without prior approval from the Superintendent.

Any existing trees that are damaged by the contractor shall be replaced by the contractor at their own cost.

Erosion control

Undertake all measures necessary to prevent silt, contaminated water and other landscape materials from entering stormwater system including swales and retention ponds.

Weed eradication

Eradicate perennial weeds and unwanted grass by spraying when actively growing with glyphosate according to manufacturer's instructions or by removing manually. Allow two weeks after any spraying with glyphosate before commencing any other soil treatment.

Soil preparation for grassed and planting areas

Rip subgrade to a minimum depth of 200mm across the direction of slope and spread gypsum at a rate of 500g/square metre. Do not rip in areas where compaction is required to retain integrity of engineering structures (for example, the clay liners of retention ponds and dams). Cultivate areas to be

grassed so that the surface soil can be freely worked to a depth of 100mm. Remove large rocks from the surface.

Where site topsoil has been stripped and stockpiled, that topsoil may be used for dryland grass areas and areas planted with native tubestock.

Spread topsoil to a minimum depth of 100mm for dryland grassed areas and 200mm for mulched planting areas. Any surplus stockpiled site topsoil or imported topsoil shall be disposed of by spreading and grading evenly over areas to be grassed or planted or as otherwise directed by the Superintendent. The finished surface of the topsoiled areas shall be smooth and free of lumps of soil, rocks and litter.

Mulching

Spread nominal 70mm depth of mulch provided by Council over planting areas. Finish with an even surface and flush with surrounding areas. Keep mulch clear of plant stems and trunks.

Plant supply

Use plants that are true to type, vigorous and hardened off for Braidwood climate, well established, free from pests and disease and have good form consistent with the species. Water plants every day if stored on site.

Planting

Plants shall be positioned in the excavated hole, set plumb and at a level where a normal and natural relationship of the plant with the ground surface will be established. Plant root systems shall be moist at time of removal from containers and not allowed to dry out. Backfill holes with a mix of 70% site topsoil and 30% composted soil conditioner conforming to AS4454, incorporating moisture gels or water crystals in accordance with manufacturer's specification. Ensure that water crystals are fully hydrated before planting.

Form watering basin and replace existing mulch around plant after planting, keeping mulch clear from stems and branches.

Remove all labels, wire ties and unnecessary stakes.

Install welded corflute tree guard minimum 450mm high and 200 x 200 x 200 width sides to each tubestock plant. Secure each tree guard with one hardwood stake and one bamboo stake (to maintain correct position in wind).

Larger trees shall be staked only if required for stability. Stakes shall be 50mm x 50mm x 1.8m hardwood driven 600mm into the ground in a manner that avoids damage to the root system of the tree. Trees shall be tied to two stakes using flat hessian ties fixed securely to the stakes and positioned to support the tree between ¼ and ½ of its height from the ground.

Watering

Water each plant within one hour after planting. Additional watering if required: apply minimum 9 litres of water to each plant. Access to water will be provided by council from a separate site.

Dryland grassing

For dryland grass sowing in Spring and Summer use grass seed mix of 48% hard fescue, 22% creeping red fescue, 5% white clover, 10% hulled couchgrass and 15% fine leaf perennial ryegrass spread at a rate of 280kg/ha.

For dryland grass sowing in Autumn and Winter use grass seed mix of 54% hard fescue, 24% creeping red fescue, 6% white clover, 16% fine leaf perennial ryegrass spread at a rate of 250kg/ha.

Sow seed on a calm day applied in two equal sowings in transverse directions. Rake surface lightly to cover seed. Allow for making over and reseeding all areas where the grass seed fails to germinate within one month of seeding (or by September for any seeding done in Winter).

After seeding, apply bitumen and straw mulch to dryland grass areas. Spread straw up to kerbs, gutters, fencelines and similar structures within area to be mulched. Avoid overspray and staining of pavement areas and walls. Remove all hay bale twine and surplus or windblown straw. Spray seeding is an acceptable alternative.

Spray grassing on insides of ponds and grassed swales shall use the same dryland grass seed mix, minimum cultivation and no bitumen straw mulch.

Consolidation

Provide continuous care and maintenance of the planting following accepted horticultural practices and rectify any defects.

The duration of the consolidation period is 12 months from acceptance of the planting works by the superintendent.

Consolidation works shall include

- watering trees and shrubs as arranged with superintendent
- control of weeds within mulched areas
- maintenance of tree guards and stakes
- replacement of dead or damaged plants
- reseeding dryland grass (one time) if required.

Holdpoints

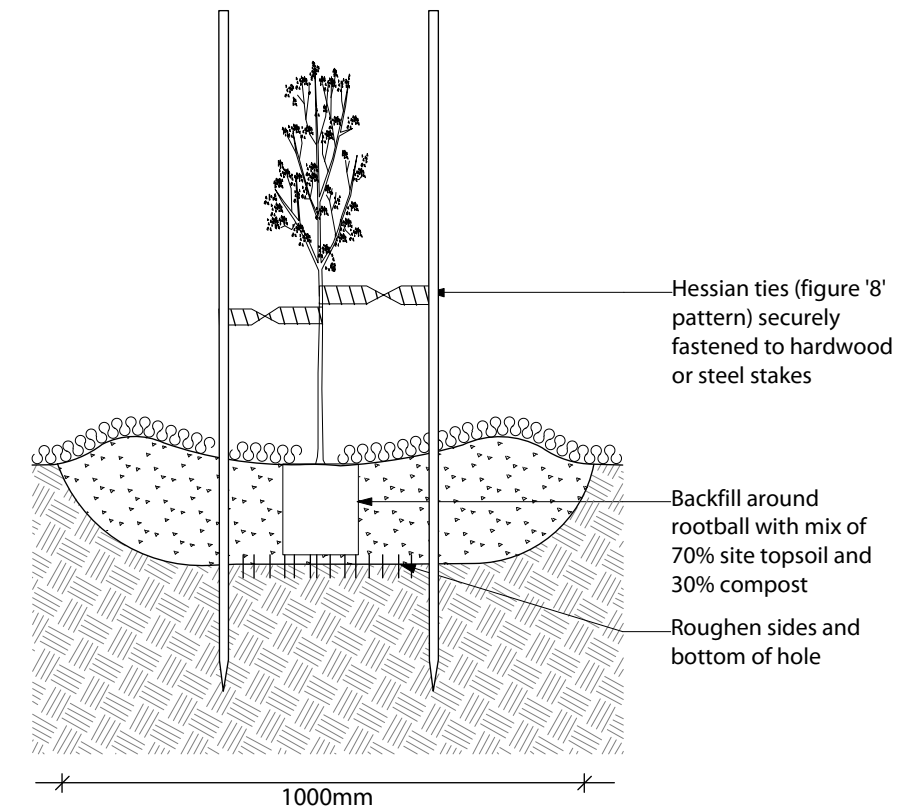
Holdpoint 1 – Completion of soil preparation: At least one working day prior to the commencement of planting or

mulching (whichever is earliest) the contractor shall provide notification that the soil preparation is ready to be inspected.

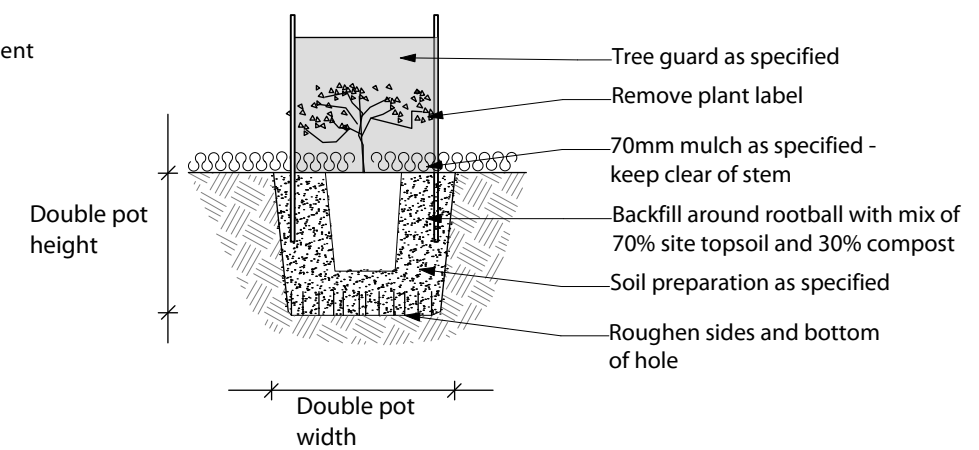
Holdpoint 2 – Plant supply: At least one working day before planting the contractor shall provide notification that the plant material is ready for inspection.

Holdpoint 3 – Sample setout of tubestock plants: At least one working day prior to the commencement of planting the contractor shall provide notification that the planting positions of a sample of tubestock plants have been set out.

Release of holdpoints: For each holdpoint, the Superintendent may inspect the the works prior to authorising the release of the hold point.



DETAIL: TYPICAL SPRING RING TREE PLANTING SECTION SCALE 1:20



DETAIL: TYPICAL SHRUB AND GRASS PLANTING SECTION SCALE 1:20

PRELIMINARY

Drawing
 Specifications and details
 Project
 Braidwood Waste Transfer Station
 Bombay Road
 Dwg no. 418-2 Design JC Date 13/3/18 Version A