
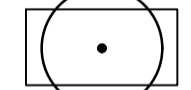
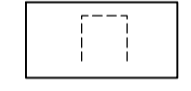




**LEGEND**

-  STAGE BOUDNARY
-  PROPOSED TREES  
REFER TO PLANT SCHEDULE
-  TIMBER EDGE  
REFER TO DETAIL 01/103
-  TURF  
REFER TO SPECIFICATION
-  FOOTPATH  
REFER TO ENG'S DETAILS  
(BY OTHERS)

**PLANT SCHEDULE**

TREE				
SYM	SPECIES	SIZE	SPACE	QTY
ANF	Angophora floribunda	100L	A.S.	137
				137

**NOTES**

**GENERAL**  
Read drawing in conjunction with the plans, specification and details.

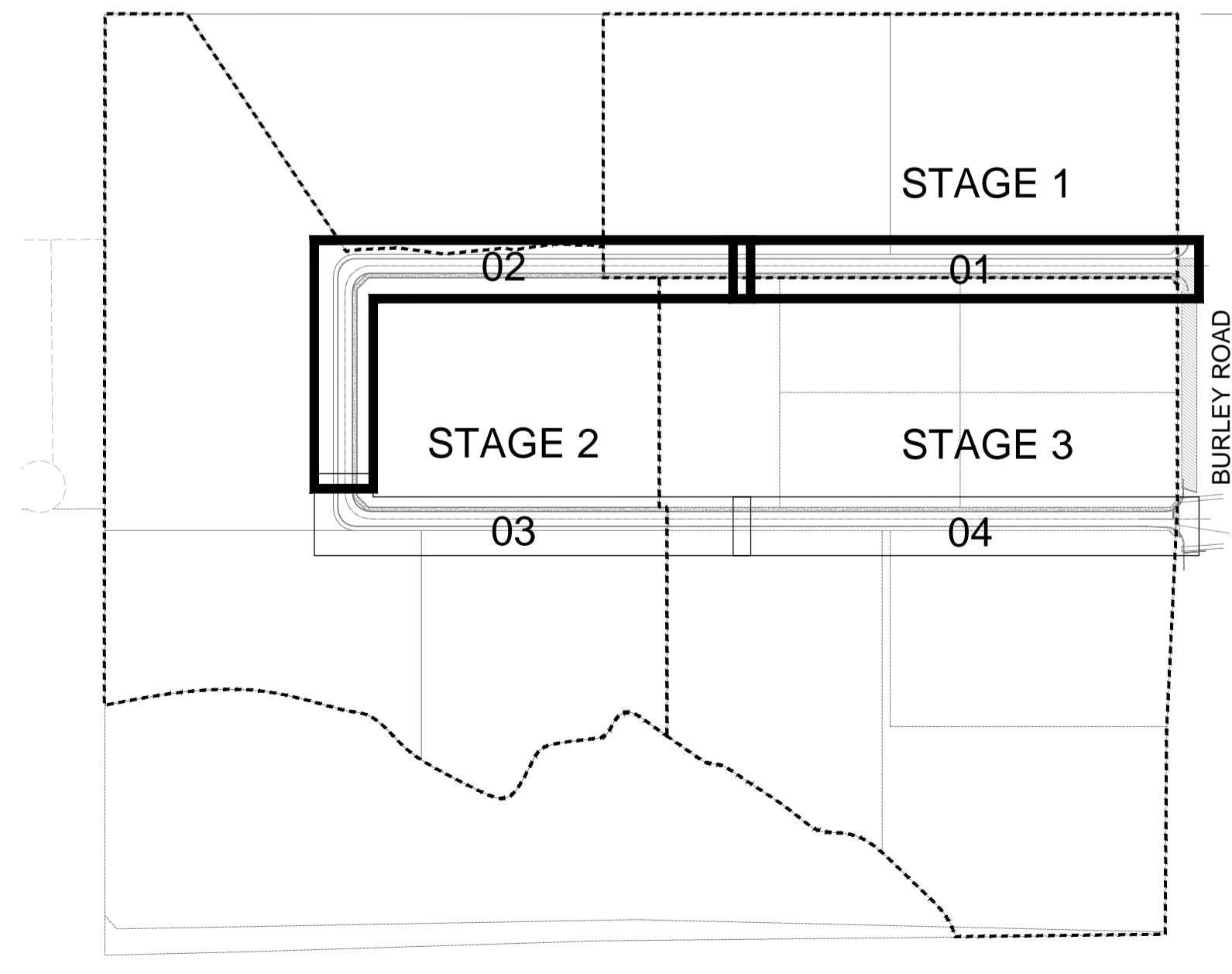
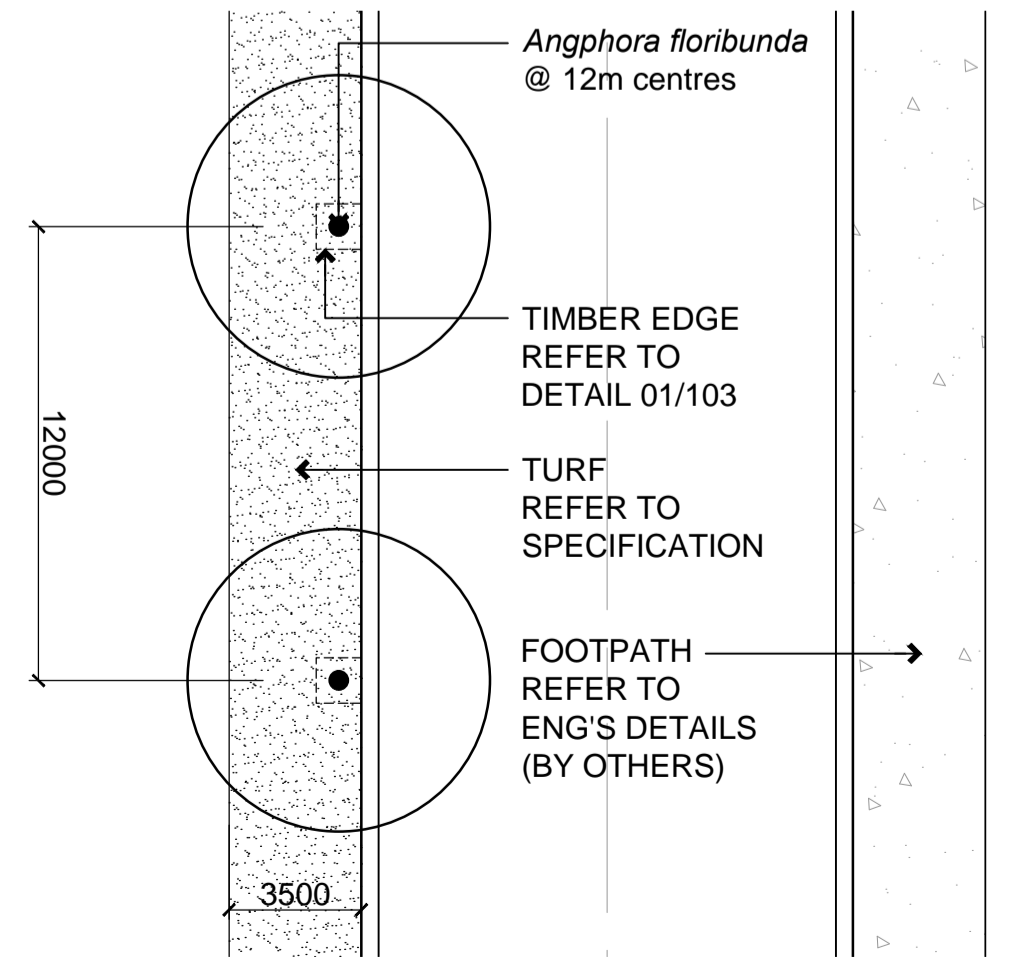
Refer to drawings:  
CD-1408-101 for Streetscape Plan 01 & 02 & Detail plan  
CD-1408-102 for Streetscape Plan 03 & 04  
CD-1408-103 for Specification and Details

Refer to Engineers' Drawings for precise information regarding paving, finished levels, roadworks, fences and drainage details.

**SERVICES**  
Before landscape work is commenced, Landscape Contractor is to establish the positions of all service lines and protect them from damage during construction.

**SETOUT**  
All setout to be approved by Superintendent prior to construction.

REFER DETAIL PLAN ON THIS SHEET



A ISSUE FOR APPROVAL 15.04.2016  
ISSUE DESCRIPTION DATE

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Ultimo NSW 2007  
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landscape architecture  
environmental & urban design

PROJECT  
**327 - 335 BURLEY ROAD,  
HORSLEY PARK, NSW**

CLIENT  
CSR LIMITED

DRAWING  
STREETScape PLAN 01 & 02 & DETAILS

DRAWING NUMBER  
CD-1408-101

ISSUE  
A

SCALE  
A.S. @ A1

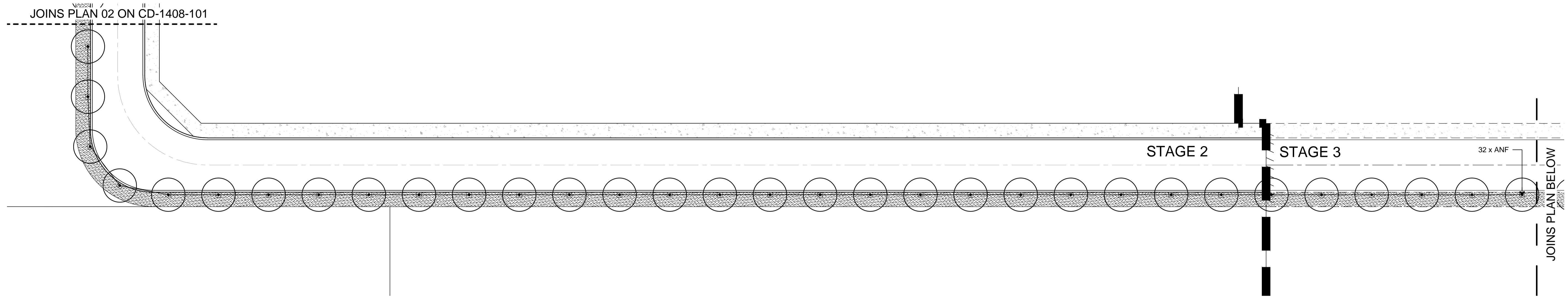
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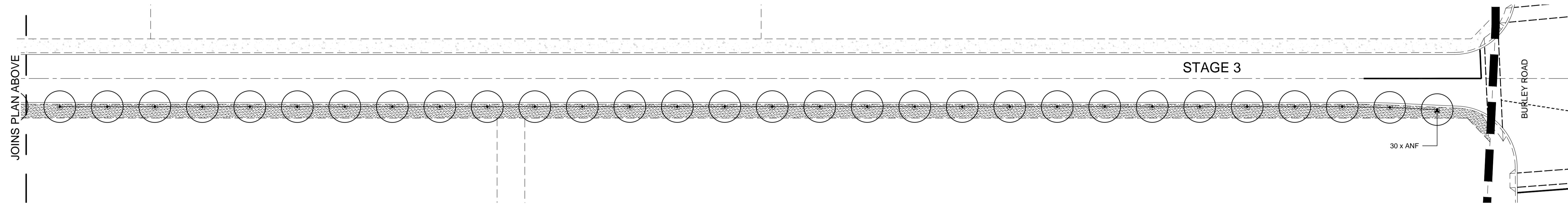
DIRECTOR  
gs

ACN: 164 245 514 ABN: 99 164 245 514

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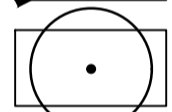





02 STREETScape PLAN 04  
SCALE 1:500 @ A1



01 STREETScape PLAN 03  
SCALE 1:500 @ A1

**LEGEND**

-  STAGE BOUNDARY
-  PROPOSED TREES  
REFER TO PLANT SCHEDULE
-  TIMBER EDGE  
REFER TO DETAIL 01/103
-  TURF  
REFER TO SPECIFICATION
-  FOOTPATH  
REFER TO ENG'S DETAILS (BY OTHERS)

**NOTES**

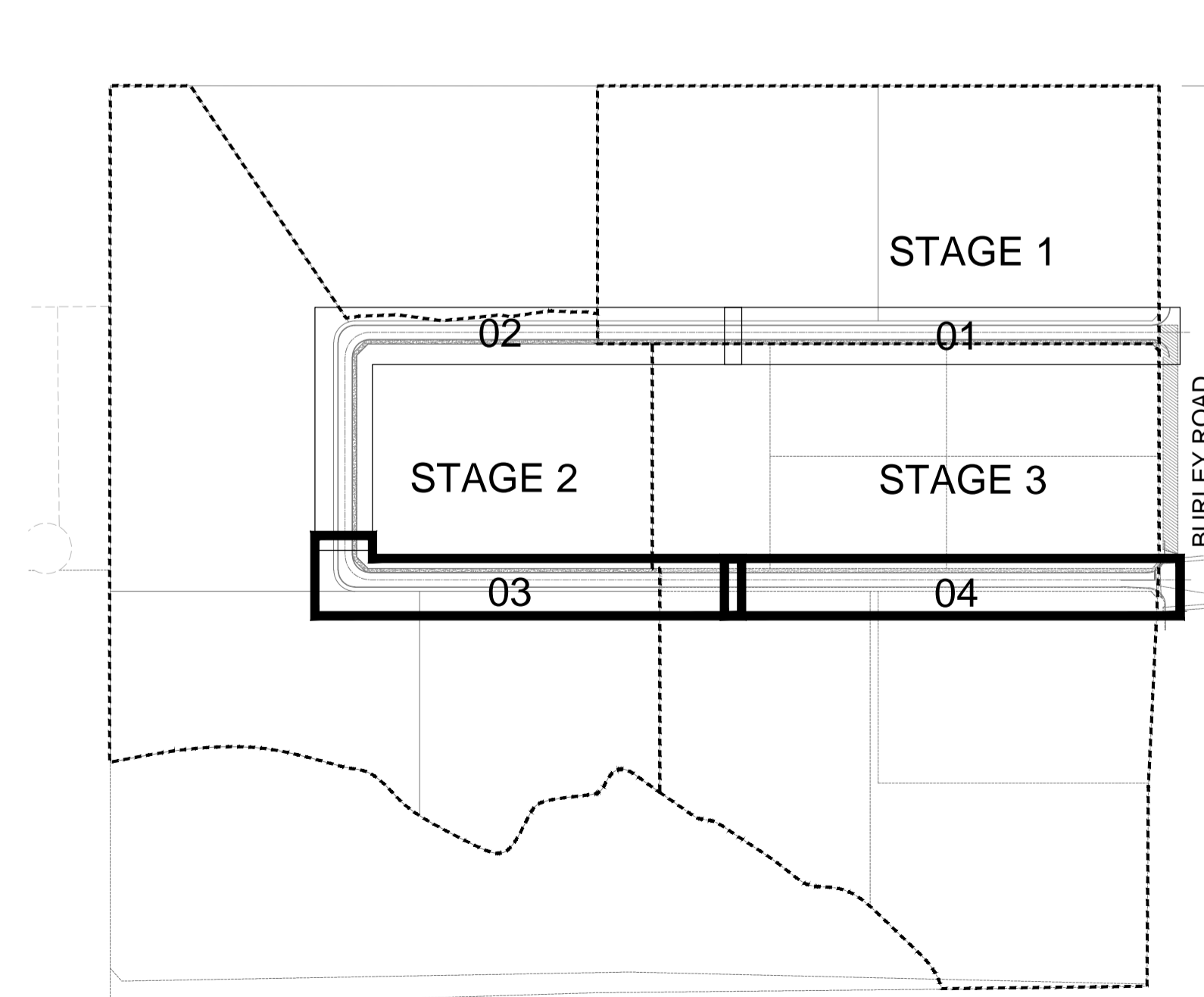
**GENERAL**  
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**SERVICES**  
Before landscape work is commenced, Landscape Contractor is to establish the positions of all service lines and protect them from damage during construction.

**SETOUT**  
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**KEY PLAN**

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**CSR LIMITED**

DRAWING  
**STREETScape PLAN 03 & 04**

DRAWING NUMBER CD-1408-102	ISSUE A
SCALE A.S. @ A1	DRAWN bx
	CHECKED hp
	DIRECTOR gs



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## SPECIFICATION

### GENERAL

Read drawings in conjunction with the specification and details.

Refer to Engineers' Drawings for precise information regarding paving, finished levels, roadworks, fences and drainage details.

### SERVICES

Before landscape work is commenced, Landscape contractor is to establish the positions of all service lines and protect them from damage during construction.

### TREE PROTECTION

Retain & protect all existing trees, shrubs & planting unless specifically noted for removal. Trees must not be removed or lopped or otherwise damaged, unless specified and approval to do so is given by the Superintendent. The existing soil level must not be raised or lowered around trees. For existing trees to be removed, refer to engineer's / demolition plan.

### WEED ERADICATION

Eradicate all weeds from planting & lawn areas prior to planting operations. Apply "Roundup" or equivalent glyphosate herbicide to all weeds to manufacturer's recommendations and rates, two weeks prior to commencement of soilworks. Ensure that all weed growth has failed prior to commencement of soil works and reapply herbicide as necessary. Remove all weed material from site.

### SETOUT

All setout to be approved by Landscape Architect / superintendent prior to construction. Where no centres are shown for planting, space plants evenly to best fill the beds shown.

### SOIL TESTING

Prior to soil preparation, Contractor to investigate existing site topsoil / soil to determine suitability as planting medium.

Allow for soil testing by an approved soil testing laboratory with demonstrated horticultural experience. Testing to confirm soil preparation specification subject to nature of site soil & stockpiled material.

Contractor to provide soil test results and confirm soil preparation method with Superintendent prior to carrying out soil works.

### SOIL PREPARATION

- Turf Areas. Cultivate turf areas to 150mm depth, install 100mm of turf underlay & rake to an even finish.
- Tree pits. Excavate tree pits to the depth of the rootball. Remove all building rubble and extraneous material to the depth of the subgrade. Set rootball on to base of hole as detailed. Backfill tree pit with soil mixes and site soil as detailed.

### DRAINAGE

Refer to Engineers' drawings for drainage details. Notify Superintendent of all soil or drainage conditions encountered during planting operations which the Contractor considers detrimental to plant growth. Include a proposal for the correction for approval before proceeding with work.

### Tree Pits

Ensure tree pits drain adequately. Add clay breaker to heavy soils. Where required to drain pits, install sub-soil drainage to the base of tree pits and connect to site drainage system.

### TIMBER EDGE:

Install 35 x 100mm HW timber edges as detailed to tree pits. Edge to finish flush with adjacent turf / mulch surfaces.

### PLANT MATERIAL

It is the contractor's responsibility to provide quality control on all plant stock delivered to site and ensure it complies with the following. reject any plants not complying and notify the superintendent.

- Trees shall be grown and maintained to achieve compliance with natspec - specifying trees: a guide to assessment of tree quality (2003) and as 2303:2015, tree stock for landscape use.
- All plants shall have a normal habit of growth and shall be sound, healthy, vigorous and free from insect infestations. any tree or shrub with a weak, thin trunk not capable of supporting itself when planted in the open will not be accepted.
- Plants shall have been grown in containers of the size stated on drawings, and shall have sufficient roots to hold earth together intact after removal from containers without being rootbound.
- Plants shall have large healthy root systems, with no evidence of root curl, restriction or damage.
- Plants that meet the measurements specified but do not possess a normal balanced height and spread will be rejected.
- Plants shall be hardened off, not soft or forced, and suitable for planting in the natural climate conditions existing at the site.

### PLANTING

- Protect plants at all times from sun or drying winds. Plants that cannot be planted immediately on delivery shall be kept in the shade, well protected and adequately watered. Plants shall be handled in such a manner to avoid any damage to the plant. After removing plant from container, scarify side of rootball to prevent rootbound condition.
- Notify Superintendent of all soil or drainage conditions encountered during planting operations which the Landscape Contractor considers detrimental to plant growth.
- Thoroughly water the plants before planting begins and immediately after planting.
- When the plant is in its final position in its hole or bed the top soil level of the plant root ball shall be level with the finished surface of the soil surrounding the hole or beds.
- Plants shall be placed in the centre of the hole and plumb. Backfill with topsoil mixture. Lightly tamp down the mixture and water to eliminate air pockets. Smooth planting areas to conform to specified grades after full settlement has occurred. An application of an approved slow release type fertiliser shall be placed at the base of each plant in accordance with the manufacturer's written specification.
- Tree planting: install trees as detailed. Create watering dish to base of trees. Any tree with a weak, thin trunk not capable of supporting itself when planted in the open will not be accepted.
- Staking: provide 2 x 50x50x2400mm stakes & 50mm width hessian ties to all trees larger than 45 litres. secure tree loosely to stakes with hessian ties in "figure of 8".

### TURF

Install Buffalo 'Sir Walker' Turf to match existing species to areas shown on the drawing. Make good existing turf areas damaged during construction.

- Obtain turf from a specialist grower of cultivated turf. Use turf of even thickness, free from weeds and other foreign matter. Deliver the turf within 24 hours of cutting and lay it within 36 hours of cutting. Prevent it from drying out between cutting and laying.
- Rake soil to an even surface to required finished grades and levels. Mix lawn fertiliser thoroughly into the topsoil before placing the turf.
- Lay in stretcher bond pattern with the joints staggered and close butted. Lay parallel with the contours and finish grass surfaces flush with adjoining finished surfaces. Fall surface to allow for drainage.
- Lightly tamp to an even surface after laying. Ensure that new turf forms smooth join with existing lawn areas.
- Water immediately after laying until the topsoil is moistened to its full depth. Continue to water turf until established.

### MULCHING

At completion of planting all tree pits shall be mulched with 75mm depth of recycled mulch equal to ANL Forest Blend.

Place after the preparation of the planting bed, planting and all other work. Place mulch clear of plant stems, and rake to an even surface flush with the surrounding finished levels.

### MAKING GOOD

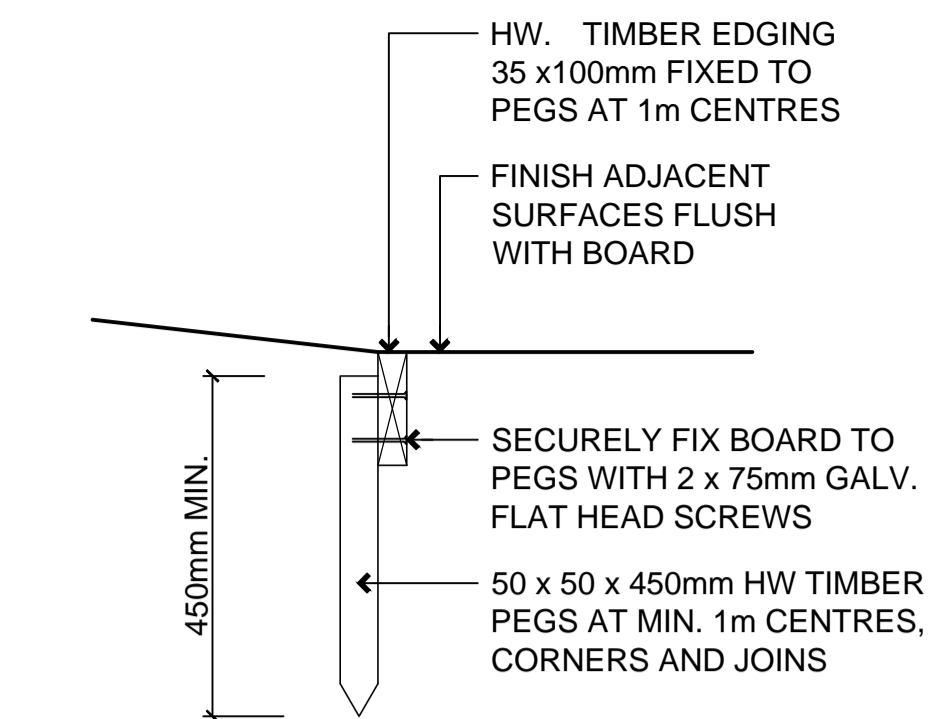
Make good all planting & turf areas damaged during construction works.

### MAINTENANCE

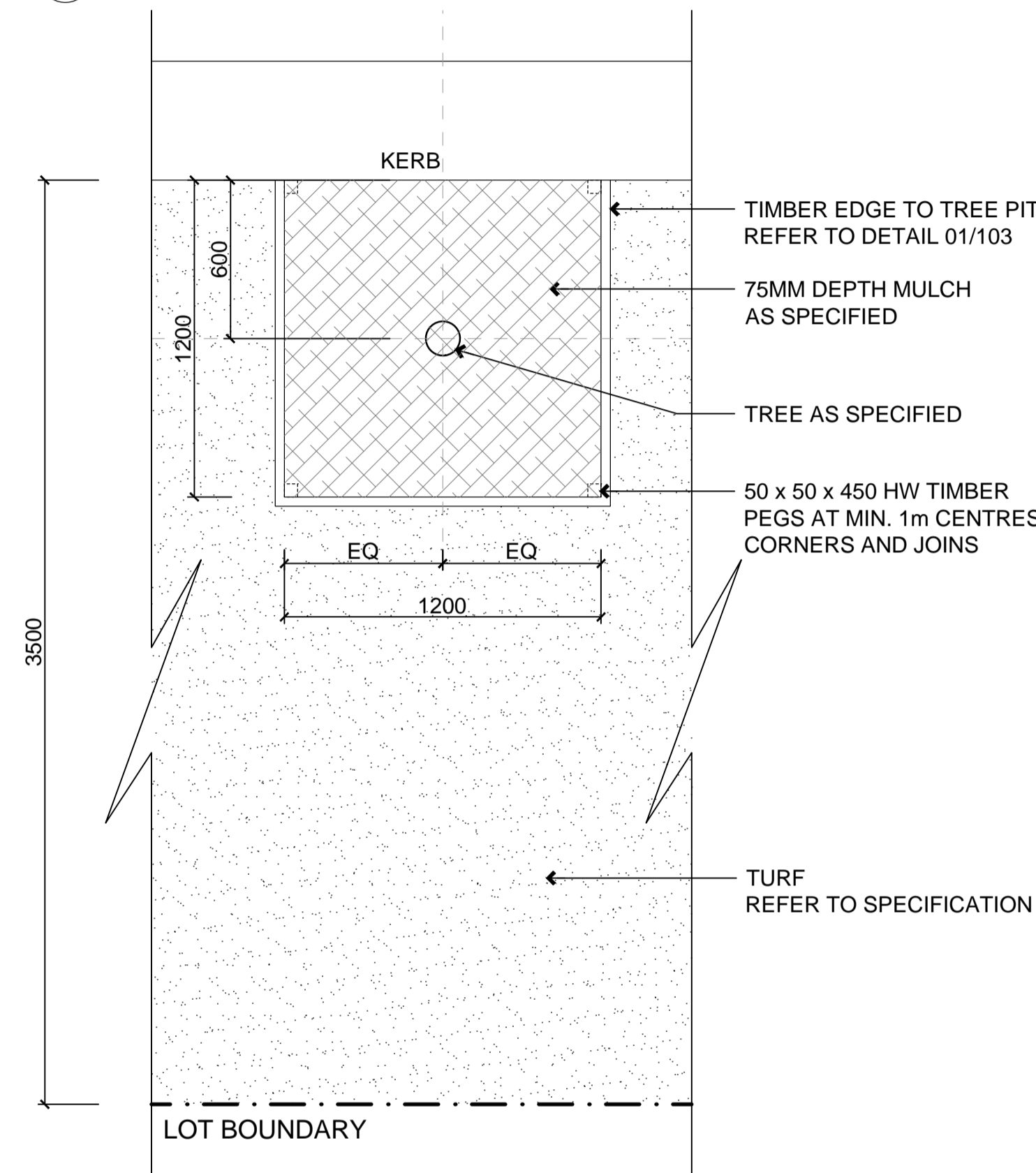
Maintain the works in good condition for the maintenance period. Works shall include but not be exclusive to weeding, drainage and tree ties, application of fertiliser, removal of litter from plant beds and replacement of dead and dying plants.

Maintain all plants and planted areas in optimum growing condition and appearance.

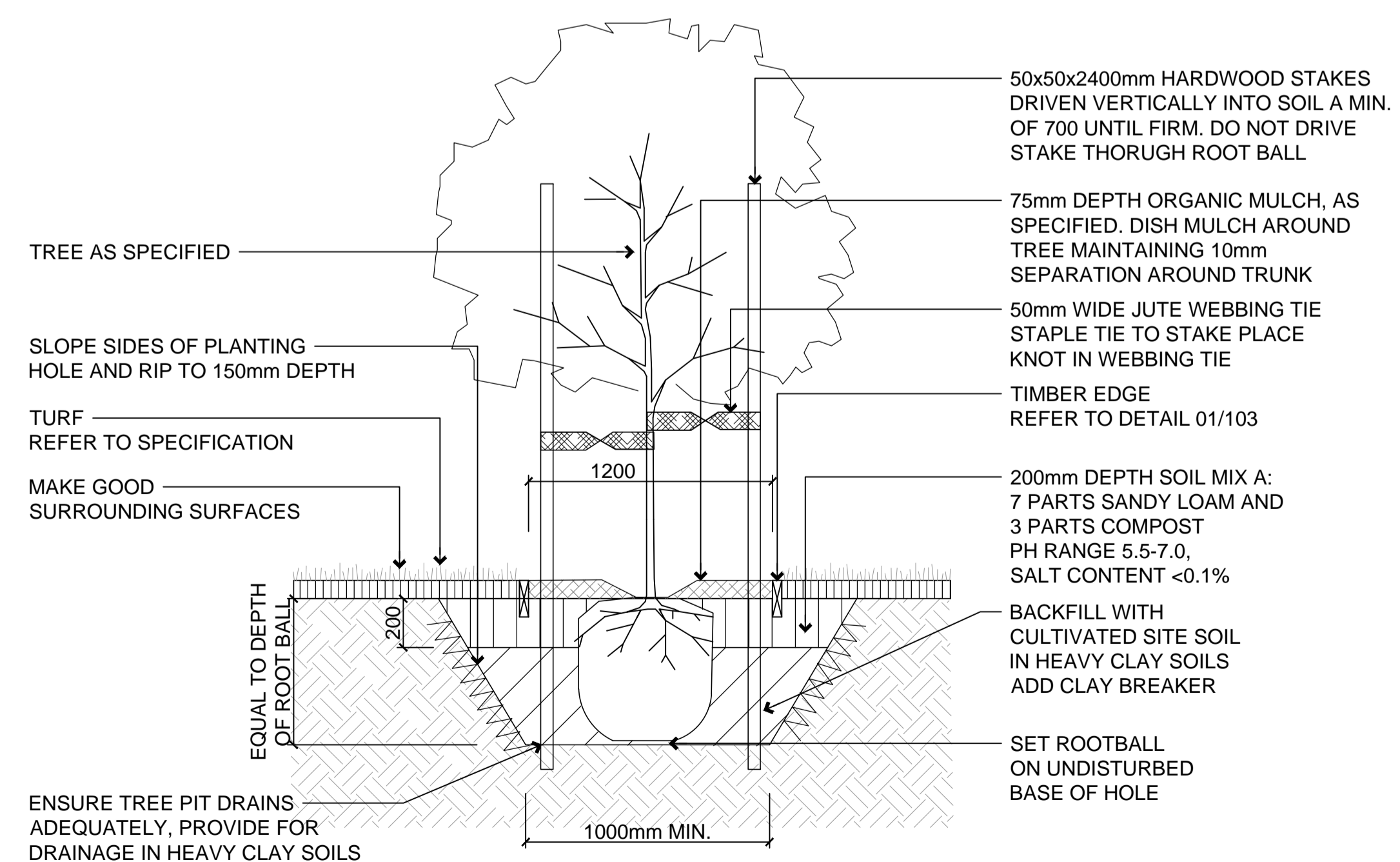
- Water all plants as required to ensure active growth keeping areas moist but not saturated. It will be the Contractors responsibility where necessary to obtain exemption from water restrictions for general watering and establishment of turf. Watering to be undertaken in accordance with restrictions.
- Apply maintenance period fertiliser in accordance with the manufacturer's specifications. Exercise proper caution and take measures necessary to avoid plant burn.
- Keep planting areas free of weeds and undesirable grasses. Remove the entire root system. Dispose of all weeds in appropriate containers. No chemical weed killer will be used unless authorised by the Superintendent.
- Each area shall be kept clear of fallen leaves, branches and rubbish. Any soil erosion or subsidence shall be made good immediately.
- Inspect all plants for disease or insect damage weekly. Treat affected material immediately.
- Remove damaged or diseased growth from plants.
- Immediately replace any failed or damaged plants. Replacement shall be of equal size and species as the original plant(s).
- Reset to proper grades or upright position any plants that are not in their proper growing position.
- Pruning Plants: Prune plants to repair mechanical damage, promote dense hedge growth, to improve plant shape and form, or to clear footpaths.
- Turfed areas shall be mowed when sufficient establishment of turf has occurred. Mow at weekly intervals or as directed. All edges shall be trimmed. Lawn clippings shall be removed from site. Adjust the height of the mower to the lowest level where the lawn has a green appearance without been scalped.
- Topdress lawn if required and make good any areas of subsidence or dead turf. Apply lawn fertiliser to ensure healthy growth in the growing season. Do not use nylon line type edge trimmers around base of trees.



**01 TIMBER EDGE DETAIL** SCALE 1:10 @ A1



**PLAN**



**SECTION**

**02 TREE PIT DETAIL**

SCALE 1:20 @ A1

## NOTES

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DRAWING  
**SPECIFICATION & DETAILS**

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SCALE	0	n/a
A.S. @ A1		

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