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# Tree Planting in Footpath C100.03

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## DESIGN STATEMENT

Tree planting in footpath cut-out is a retrofit measure for improving existing streetscapes.

## APPLICABLE LOCATION

This treatment may be used for footpath in residential area or shopping strips' secondary street where pedestrian traffic is low.

For main streets, use tree pit design with planter bed for improved aesthetic appearance or with tree pit grate to accommodate wider accessible footpath.

## COUNCIL STANDARD DRAWING

C100.03 Tree Planting in Footpath

## CROSS REFERENCE DOCUMENT

- AS1428.1-1998 (Australian specification & standard design for access and mobility).

## STANDARD SPECIFICATION

**Surface cover:** Tuscan Toppings

**Tree stakes:** 38 x 38 x 1800mm hardwood stakes

**New soil:** Backfill soil to include 5% compost and 15% biochar or similar approved

## SUPPLIER

N/A

## MAINTENANCE

### Open Space Maintenance:

Supplementary watering 3 times per week first four weeks then weekly September - May for first 3 years

Check stakes

Remove weeds

Replace dead or failing trees

## GENERAL NOTES

1. Locate services prior to setting out and excavation.
2. All excavation to be undertaken by hand.
3. Advanced trees to be approximately 2000mm high (40-50 litres container minimum).
4. Apply 150 litres of water immediately after planting
5. Apply 25 grams NPK (20:4:8) at planting per square metre of root zone.
6. When specified, use washed granitic sand lightly compacted, instead of wood mulch
7. When specified install 150x50 red gum edging along the perimeter of the cut-out. The red gum edging is to be tied down with 50x50x600 red gum stakes spacing at 1000mm centre.

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TYPICAL TREE PLOT DIMENSIONS	
Small Tree	1200mm wide x 1200mm length (1.44m <sup>2</sup> )
Medium Tree	1700mm wide x 1700mm length (2.9m <sup>2</sup> )
Large Tree	2200mm wide x 2200mm length (4.85m <sup>2</sup> )

Note: Where the footpath/nature strip is narrow, provide a longer and narrower profile tree plot if width cannot be provided.

**Notes:**

- Minimum footpath clearance for DDA accessibility must be 1.2m. Footpath tree cutout cannot be less than 600mm.
- Undertake a Dial Before You Dig (1100) to confirm service locations prior to installing a tree.
- All trees to be self-supporting, healthy, well grown specimens, free of pests and diseases with acceptable root shoot ratios.
- Verify location of all services and offsets prior to installation.
- Trees must remain moist throughout the tree planting process, including prior to planting.
- Post planting, provide 50 litres of water immediately after planting. Water to contain nutrient (e.g. 1.5 litre of seaweed extract or similar approved)
- Backfill soil to include 5% compost and 15% biochar or similar approved.

