

Tree Planting in Footpath Cut Out C100.03



Footpath cut-out with standard granitic sand

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

SD 412 Advanced Tree Planting in Pavement / Footpath Cut Out

CROSS REFERENCE DOCUMENT

- Moreland Street Landscaping Strategy, concrete cut-out size and tree types.

STANDARD SPECIFICATION

Cut-out size: Refer to table for concrete cut out size.

Surface cover: Granitic sand. To improve the cohesion of the granitic sand, organic binder such as Soilbond or similar should be added to the granitic sand. The mix should then be poured and compacted. Refer to application manual for the binder's recommended dosage.

Tree stakes: Tree stakes should be painted black with black tree ties.

New soil: Minimum 700mm excavation depth to provide adequate volume of new soil for the tree.

SUPPLIER

Organic binder for granitic sand: Soilbond
www.soilbond.com.au or similar supplier.

MAINTENANCE

Use of organic binder will stabilise the granitic sand thus reducing cleaning and maintenance.

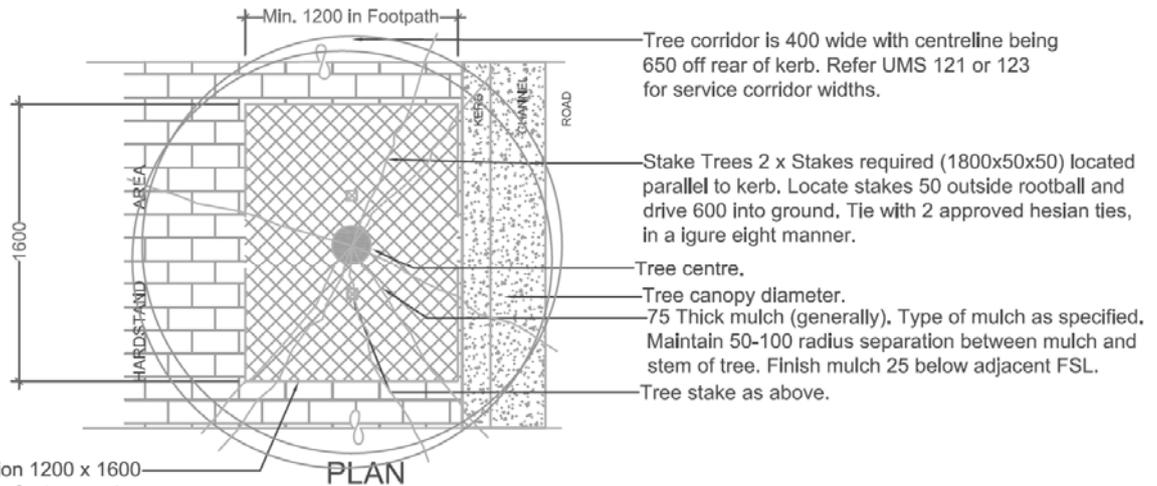
Open Space Maintenance: Water newly planted trees periodically as required. Replace dead trees and remove weeds.

GENERAL NOTES

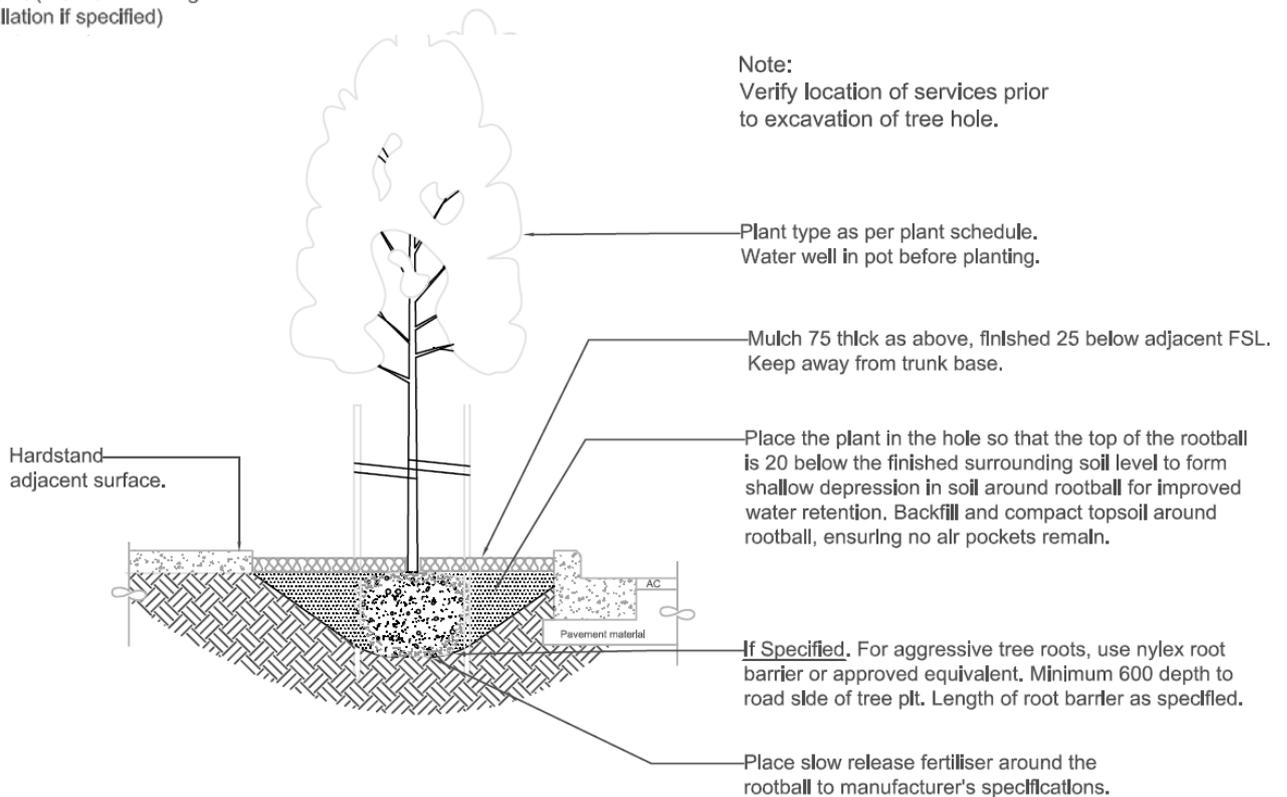
1. Locate services prior to setting out and excavation.
2. All excavation to be undertaken by hand.
3. Advanced trees to be approximately 2000mm high (40-50 litres container minimum).
4. Apply 150 litres of water immediately after planting
5. Apply 25 grams NPK (20:4:8) at planting per square metre of 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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Note:
Verify location of services prior to excavation of tree hole.



	Concrete Cut-out size	Trees cut out on parking bay
Small Trees	600W x 1200L mm (min.); 2400W x 2400L mm (preferred)	600W x 1800L mm (min.); 1800W x 1800L mm (preferred)
Medium Trees	1200W x 1200L mm (min.); 3000W x 3000L mm (preferred)	1200W x 1800L mm (min.); 1800W x 2400L mm (preferred)
Large Trees	N/A	1800W x 2400L mm (min.); 2400W x 3600L mm (preferred)
Note:	Large trees are inappropriate to be planted within tree cut out and should be planted in a wider planter bed or nature strips	Trees road cut out (parallel parking only) should be encased with kerb to avoid use of car damage caused by tree guards or bollards