

Tree Planting in Island C100.05



DESIGN STATEMENT

Tree planting in islands specify requirements for the installation of trees in traffic islands. Tree planting in island promotes street greening within the road space.

APPLICABLE LOCATION

Tree planting in island can be used for areas such as street median strips or in-between parallel car parking bays. When a tree is located between parking bays, the kerb should provide natural wheel-stop to avoid cars hitting the tree.

For activity centre areas and shopping strips, tree planting island should be integrated with overall footpath design as kerb outstand and designed to allow easy street sweeping

COUNCIL STANDARD DRAWING

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CROSS REFERENCE DOCUMENT

- Urban Forest Strategy 2017-2027

STANDARD SPECIFICATION

Kerb material for the island can be concrete or bluestone as specified.

Stormwater inlet may be used to allow small intake of stormwater, with detail specified per project basis.

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. *Site preparation: clear and remove from areas to be landscaped any material, rubbish, existing weeds or any other material harmful to vegetation. Remove all material from site areas.*
2. *Cultivation: cultivate sub-grade of all mass planting beds to depth of 200mm, - to decompact sub-grade and break up hard areas.*
3. *Mulch: Free from soil, weed growth, and green material or other matter.*
4. *Trees: Advanced trees to be approximately 2000mm high (40-50 container min.) Trees shall have a single leading shoot.
Plants: Plants shall be vigorous, well establish, hardened off, of good form consistent with species or variety, not soft or forced, free from disease and pests, with large healthy root systems and no evidence of having been restricted or damaged. Locate services with service authorities prior to setting out and excavation.*
5. *All excavation to be undertaken by hand.*
6. *Apply 15 litres of water immediately after planting to each tube stock.*
7. *Apply 25 grams NPK (20:40:8) at planting per m² of root zone, avoid direct contact with roots.*

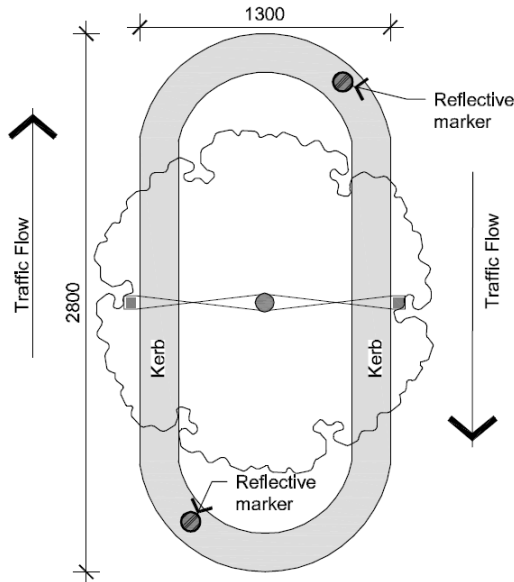
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TYPICAL TREE PLOT DIMENSIONS	
Small Tree	1200mm wide x 1200mm length (1.44m ²)
Medium Tree	1700mm wide x 1700mm length (2.9m ²)
Large Tree	2200mm wide x 2200mm length (4.85m ²)

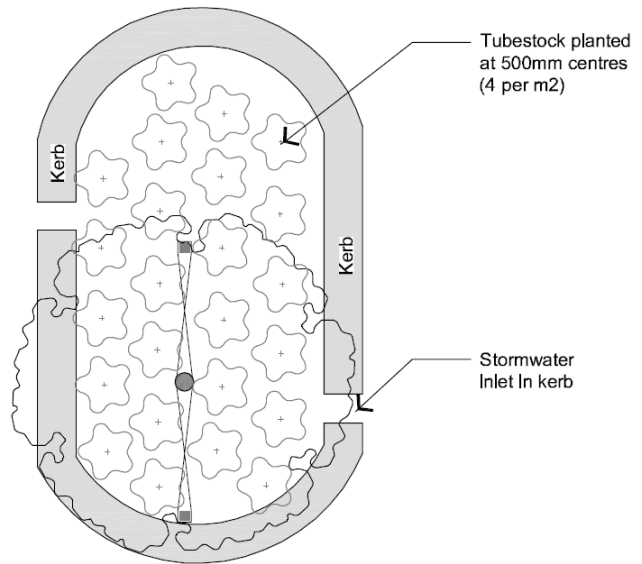
Note: Where the footpath/nature strip is narrow, provide a longer and narrower profile tree plot if width cannot be provided.

Notes:

- Undertake a Dial Before You Dig (1100) to confirm service locations & offsets 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. 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.



One tree planting in an island
NTS



Larger island with tubestock
planting under tree
NTS

