

Tree Pit with Grate Cover C100.06



DESIGN STATEMENT

Tree pit grate cover should be used in high pedestrian traffic area such as footpath within activity centres and small shopping strips.

The design of the tree pit grate is accessible for wheelchair, pram and high heels. The grate is locked (not bolted) and can be removed with a long key for easy inspection.

Centre ring can be cut to allow future tree calliper's growth. For new trees, rubber mulch ring should be added around the small tree trunk to avoid litters.

APPLICABLE LOCATION

Footpaths within activity centres and small shopping strips.

Tree pit grate can be used for standard tree pits and WSUD (Water Sensitive Urban Design) tree pits.

COUNCIL STANDARD DRAWING

N/A

CROSS REFERENCE DOCUMENT

- AS1379 (Australian specification and standard supply of concrete) for bluestone edge base
- AS4100 for steel work standards

STANDARD SPECIFICATION

Type: Customised Moreland grate from E.P. Draffin.

Finishing: Mild steel galvanised, sandblasted and electroplated.

Standard size: 1.2m x 1.2m.

Loading: Standard frame is designed for class A & B load for pedestrian footpath. Other application such as vehicular traffic may require stronger frame.

SUPPLIER

E.P Draffin www.draffin.com.au or similar.

MAINTENANCE

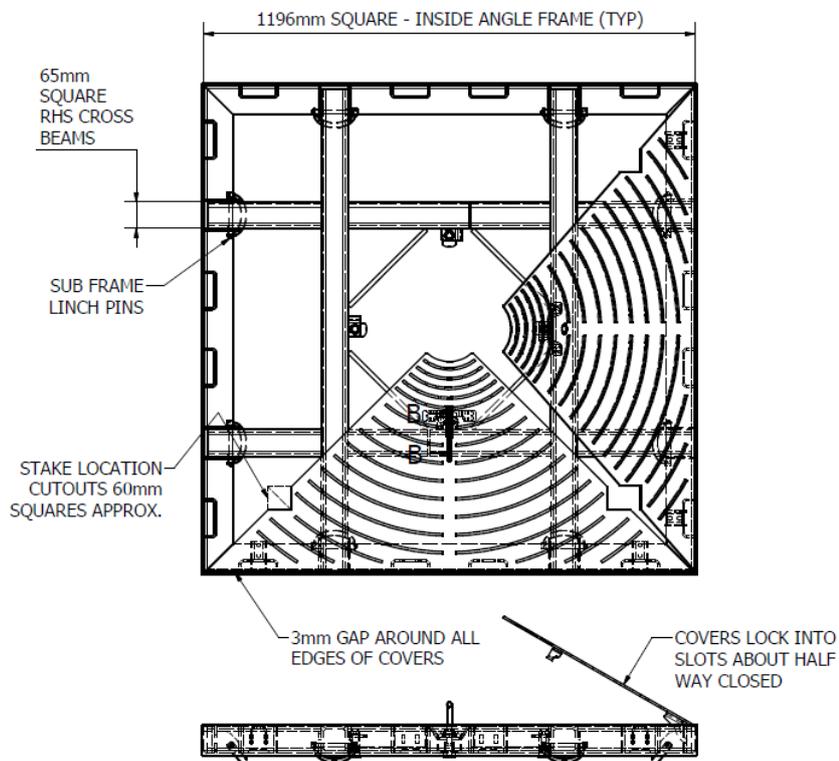
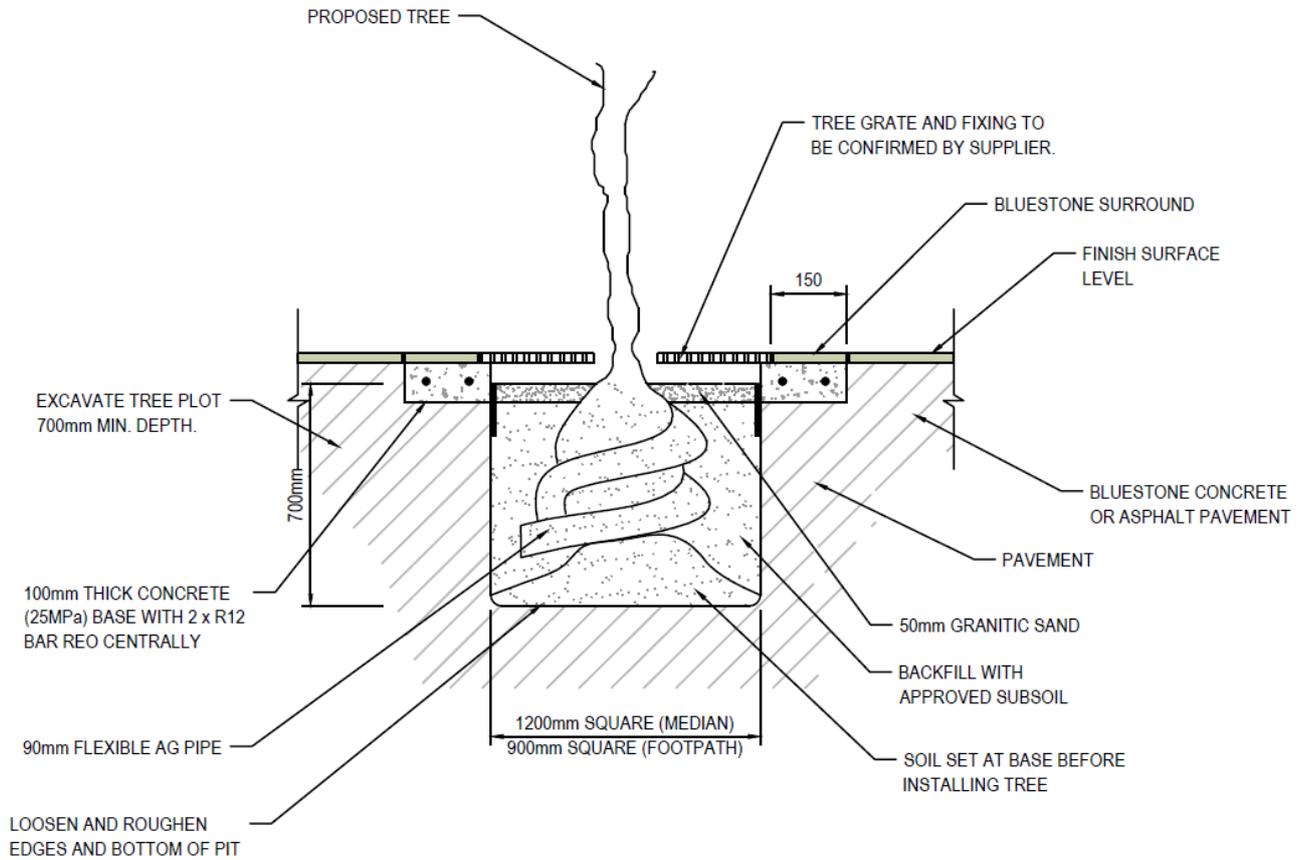
Open Space Maintenance: Replace dead trees and remove rubbish build up periodically.

GENERAL NOTES

1. Locate services prior to setting out and excavation. Details of the underground services shall be obtained from tel. 1100 (Dial Before You Dig).
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, avoiding contact with roots.
6. Ensure absolute minimum of 1.2m footpath width is maintained at narrowest point.



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