

Raingarden Tree Pit C120.13



DESIGN STATEMENT

Water Sensitive Urban Design (WSUD) is an approach to improve sustainable use of water in the urban environment.

Tree pits are bioretention systems that can be constructed as an alternative to traditional tree pits. They provide stormwater treatment as well as directing water away from the pedestrian areas to the tree roots.

This design is for a raingarden tree pit located in a pedestrian area.

Moreland City Council Streetscape WSUD Raingarden and Tree Pit Design Package (WSUD Package) provides a suite of design elements, applications and standard drawings to assist WSUD site-specific.

APPLICABLE LOCATION

Shared zones or pedestrian area, as specified.

COUNCIL STANDARD DRAWING

N/A

CROSS REFERENCE DOCUMENT

- Moreland WSUD Design Package

STANDARD SPECIFICATION

Refer to WSUD Package, Section 4. Autocad Library:

- Raingarden Tree Pit - Drawing SK014

SUPPLIER

Refer to WSUD Package, Section 10. List of Supplier.

MAINTENANCE

Refer to WSUD Package, Section 8. Maintenance Checklist.

GENERAL NOTE

1. The standard details shown on this drawing are typical only. These details may need to be reconfigured to suit site specific conditions.
2. Structural soil layers:
 - 50-100mm of "No fines" concrete as bedding for pavers.
 - 600-900mm of structural soil (A matrix of 40mm diameter stones mixed with approximately 20% by volume clay loam diller soil).

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