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 next to a kerb. They provide stormwater treatment as well as directing water from the road to the tree roots.

This raingarden tree pit design is for location adjacent to a drainage kerb and channel.

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 design.

APPLICABLE LOCATION
Footpath area with kerb, 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 Back of the Kerb Tree Pit - Drawing SK015

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.
C120.14 Raingarden Back of the Kerb Tree Pit

TREE PIT
DETAILED PLAN

SECTION

NOTE: *ALL CONCRETE KERBS AND GRATES TO BE SET FLUSH WITH SURROUNDING PAVEMENT AND KERBS.
*FOOTPATH TO BE REINSTATED AS PER COUNCIL STANDARDS IF REQUIRED.

PRECAST INTEL TO MATCH SURROUNDING KERB PROFILE
ROAD TO BE REINSTATED AS PER COUNCIL REQUIREMENTS

FILTER MEDIA

CONCRETE PIT SIDE
SL 92 CENTRALLY PLACED

DETAILED

CORNER REINFORCEMENT DETAIL

Moreland City Council