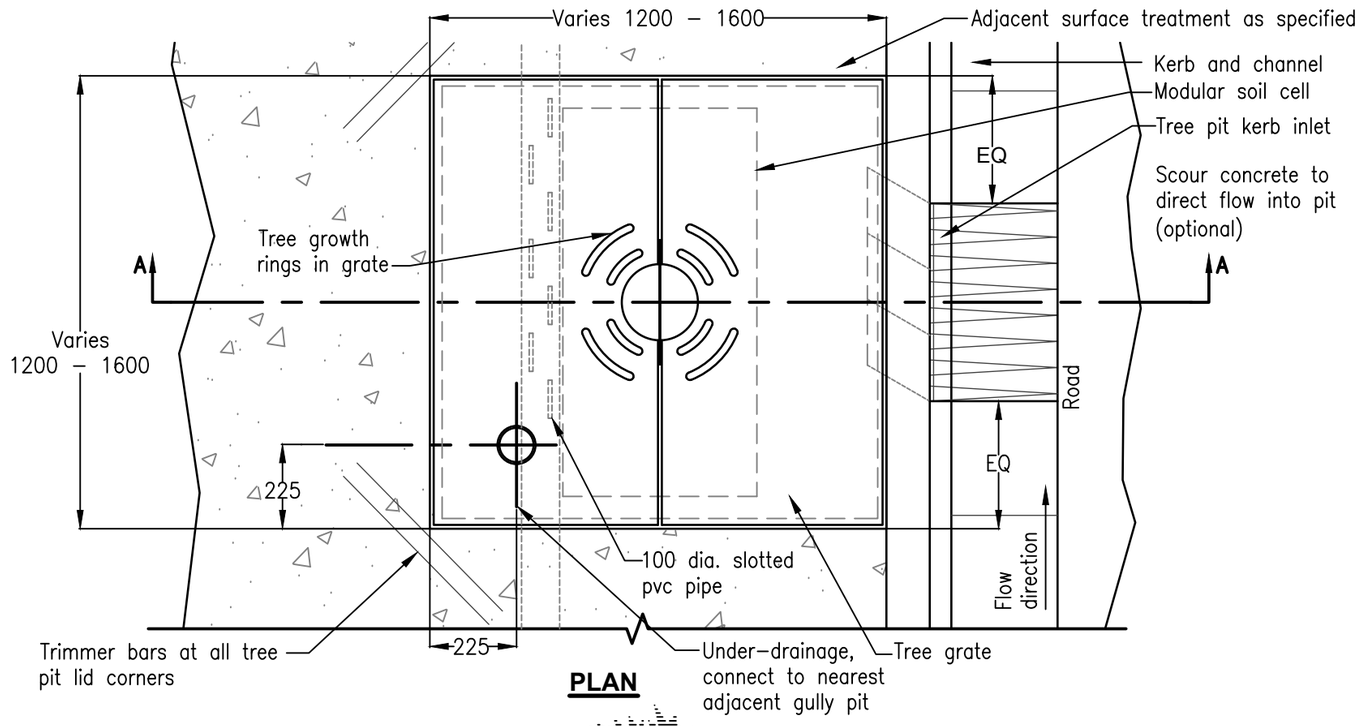
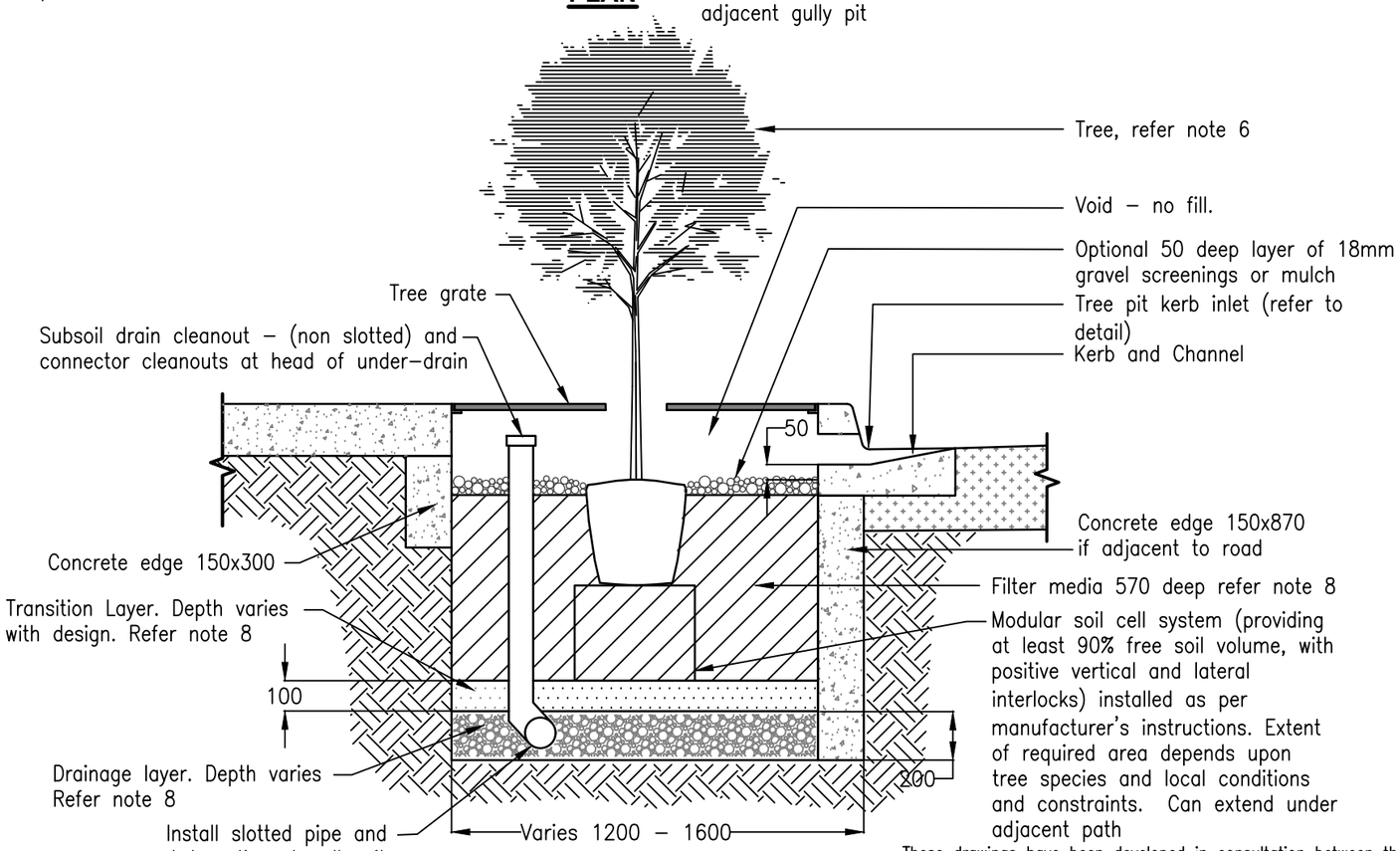


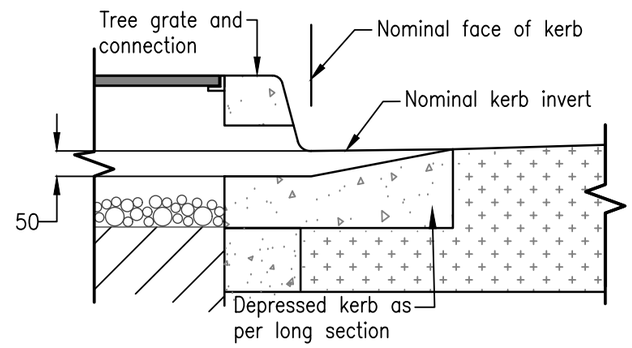
PLAN

NOTES:

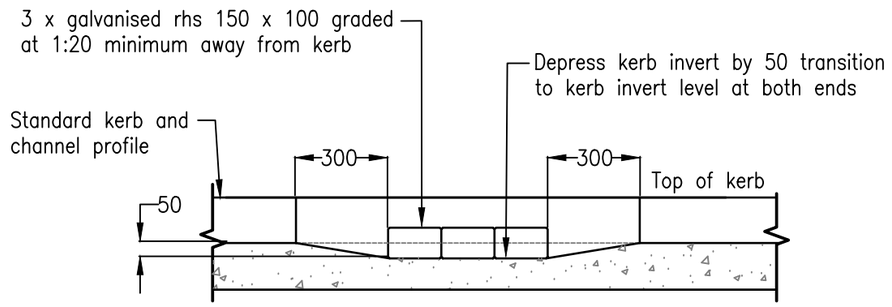
1. For general design and construction notes refer to DS–078.
2. WSUD kerb shown is only suitable for street tree pits and small raingardens. Larger systems may need specific inlet design or multiple inlets.
3. Where no parking lane exists, RHS kerb inlet may be replaced by an open kerb cut.
4. Ensure tree pit drainage is connected to stormwater system to avoid flooding the tree.
5. Tree pits are to be located upstream of gully pits.
6. Street tree to be appropriate for traffic sight lines.
7. Filter media specification shall be in accordance with the 'Guidelines for Soil filter Media in Bioretention systems' (FAWB) and the Bioretention Technical Design Guidelines (Water by Design). Bioretention hydraulic conductivity shall be in accordance with 'Practice Note 1: InSitu Measurement of Hydraulic Conductivity' (FAWB). The number of samples to be tested shall be in accordance with the 'Construction and Establishment Guidelines –Swales, Bioretention Systems and Wetlands' (Water by Design).
8. Transition layer and drainage layer specifications to be in accordance with Bioretention Technical Design Guidelines (Water by Design.
9. All dimensions in millimetres unless specified otherwise.



SECTION A-A



TREE PIT KERB INLET TYPICAL SECTION



TREE PIT KERB INLET ELEVATION

These drawings have been developed in consultation between the participating Councils.
BEFORE USE, the user shall confirm that the drawing has been adopted by the appropriate Council.

Rv.	DATE	REVISIONS
A	11/15 February, 2016	ORIGINAL ISSUE Original Issue

INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA
STANDARD DRAWINGS

BIORETENTION STREET TREE

DS–077

Rv. A