

CROSS SECTION B-B

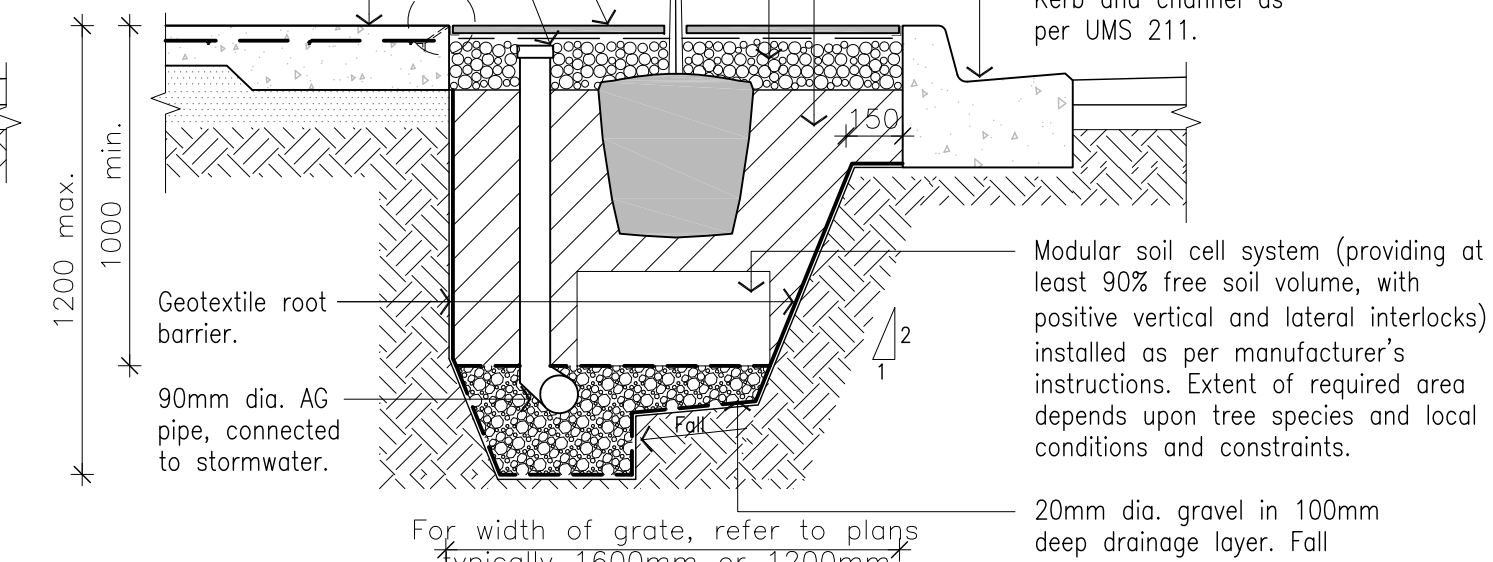
- Tree trench.
- Adjacent surface treatment as specified.
- Tree grate as specified in Centres Detail Design Manual.
- Modular soil cell.
- Tree as specified.
- Kerb and channel as per UMS 211.
- 100mm dia. perforated PVC pipe with top capped and filter fabric surround.
- Ag drain connected to stormwater system.

GENERAL NOTES

1. Detail to be incorporated in developments where:
 - 2 or more trees are being installed along the road frontage.
 - Services permit/enable the construction of the trench
 - Sub-surface drainage can be connected and drained to the stormwater system.
2. Refer to UMS 516 for details on soil, tree species and tree grate specifications.
3. Tree pit to be installed to full depth and width where possible.
4. Ensure services have been located prior to excavation.
5. Refer to standard specification for landscape topsoil.
6. Where possible incorporate WSUD detail to capture street water. Refer to UMS 570.
7. Refer to UMS 232 for concrete and reinforcing mesh details, u.n.o.
8. Use detail in full width footpaths only.

STRUCTURAL DESIGN REVIEWED AND CERTIFIED FOR ISSUE
 NAME: B. BALAKUMAR RPEQ: 3963
 SIGNATURE: SIGNATURE ON ORIGINAL DATE: 28/07/10

- Tree Grate as per UMS 516.
- PVC riser as per UMS 153.
- Refer to Tree Grate Frame detail for connection details on UMS 516.
- Pavement as specified on UMS 232.



CROSS SECTION A-A

Tree species as required, refer to Centres Detail Design Manual. Set out for approval by Landscape Architect prior to planting.

Note: Verify location of services prior to excavation of tree hole.

Gravel infill as per UMS 516.
 Imported topsoil, refer to general notes for specification.

Kerb and channel as per UMS 211.

Modular soil cell system (providing at least 90% free soil volume, with positive vertical and lateral interlocks) installed as per manufacturer's instructions. Extent of required area depends upon tree species and local conditions and constraints.

20mm dia. gravel in 100mm deep drainage layer. Fall subgrade to AG pipe.

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
B	NOTE AMENDMENTS	OCT '11	OCT '11	OCT '11
A	ORIGINAL ISSUE	JUN '10	JUN '10	JUN '10

DESIGN AUTHORISED FOR ISSUE			
P. COTTON SIGNATURE ON ORIGINAL			
MANAGER CITY ASSETS, R.P.E.Q. 2 5 4 6			
DESIGN APPROVED			
V. MARTIN SIGNATURE ON ORIGINAL DATED 06/9/10			
PRINCIPAL OFFICER URBAN DESIGN UNIT			
DESIGN	BAS	DATE	JUN '10
DRAWN	PRM	DATE	JUN '10
CHECKED	D.K. SIGNATURE ON ORIGINAL 28-07-10	DATE	JUN '10
DRAWING FILENAME	UMS 518-1		
ASSOCIATED PLANS			



BRISBANE CITY COUNCIL STANDARD DRAWING

TREE TRENCH – TYPE 1 SUSPENDED SLAB

SCALE: NOT TO SCALE
 DWG No. **UMS 518-1**
 ORIGINAL SIZE: A3 REVISION: B