

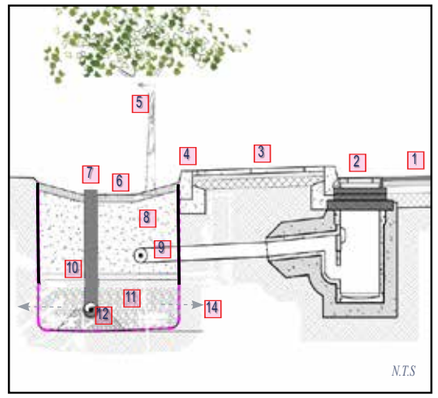
- Levels
- SUDS
- Underground Services
- Lighting

Landscape Coordination

Landscape Coordination

Landscape Components / Underground Drainage / SUDS Strategy

Bio-Retention Tree Pit



Key :

1. Road level
2. Road gulley as per engineers details
3. Pavement (Permeable) with build up subabse to engineers details.
4. Kerb or pavement restraint edge.
5. Feature trees for individual areas as per landscape planting schedule including support stakes and air / water inlet to rootball.
6. Base Planting and Medium grade bark mulch surface finish.
7. Capped overflow cleaning access to perforated pipe
8. Topsoil growing medium. Sandy loam free draining topsoil mix. Neutral pH. (Filter medium to meet permebility rate specified by engineers, eg typically 10-300m/hr Note - each tree to have min 1.5m3 quality topsoil per tree pit to a min depth of 700mm.
9. Distribution drain (to engineers detail)
10. Non woven geotextile membrane.
11. Structural subsoil soil layer to consist of clean broken stone 100mm size with free draining soil. Structual soil to extend under adjacent pavement as required. CBR to engineers requirements. 750mm deep layer.
12. Pea gravel bed with perforated collector pipe with non woven geotextile wrap, draining to surface water system.
13. Root barrier mebrance 600mm deep at edge of planting pit Greenleaf 're-rpoot' or similar approved.
14. Structural soil to extend as required for extended polishing filter.

Bio-Retention Tree Pit locations draining private areas denoted by-

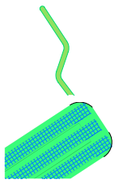


Bio-Retention Tree Pit locations in public areas denoted by-



Linear grass swale locations denoted by-

Grass Detention basin locations denoted by-



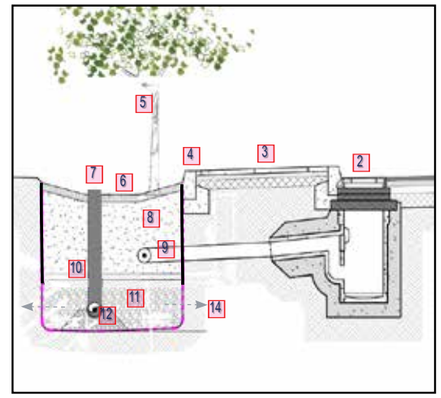
Coordination extract courtesy Waterman Moylan (Consulting Engineers).
See Waterman Moylan engineering drawings for full details

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Landscape Coordination

Landscape Components / Underground Drainage routes

Bio-Retention Tree Pit



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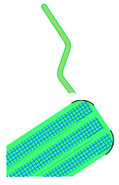
Bio-Retention Tree Pit locations draining private areas denoted by-



Bio-Retention Tree Pit locations in public areas denoted by-



Linear grass swale locations denoted by-



Grass Detention basin locations denoted by-

Coordination extract courtesy Waterman Moylan (Consulting Engineers).
See Waterman Moylan engineering drawings for full details

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Landscape Coordination

Landscape Components in relation to Lighting Column Locations

Denotes offset from Lighting columns

Please refer to Lighting Design (Mand E onsulting Engineers).
See Lighting drawings for full details

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Landscape Coordination

Landscape Components in relation to Existing Levels



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Landscape Coordination

Proposed Landscape / Open Space Levels

Note :
Please also refer to landscape masterplan series for detailed open space levels, sections and gradients



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Landscape Coordination

Landscape Components in relation Arboriculture
Tree retention / Removal



Coordination extract courtesy Charles McCorkell (Consulting Arborist. See Arborists report and draawings for for full details, tree retention, removal and protection

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