

STREET TREE SPECIFICATION

702.15

STREET TREE AND IRRIGATION DESIGN

REVIEWED: 15.03.2024

- Tree grates to be standard 1200x1200 City tree grates unless otherwise approved by the City's representative. (Continues overleaf)
- Cut RINGS on site if/as required using reciprocating saw with regards to final tree placement and to ensure the provision of a 100mm gap between the inner edge of the grate and the tree trunk.
- All cuts to be neat and tidy, no sharp edges or angles. Symmetrical full circles only.
- Tree guards shall be installed to all tree grates unless otherwise instructed by the City's Representative
- Tree guards to be standard City of Perth tree guards unless otherwise approved by the City's Representative
- Tree guards to be installed flush with surrounding paving +/- 3mm. Note the joining bar in corners must be installed straight and flush to achieve this.

Tree Grate Blanking Plates

- Where trees cannot be installed at the same time as the tree home and grates, a temporary blanking plate must be fixed to the tree grate to avoid a hazard.
- Material and finish: 304SS, 20.40 garnet blast, pickle, passivate and electropolish.

Porous Paving

- Resin Bound Aggregate Porous Paving is the preferred surface treatment for replacing tree grates damaged by, or lifting around established trees.
- Paving being lifted by tree roots is to be removed and reinstated to remove or minimise any uneven, unsafe or non-compliant paving. Paving is to be reinstated as per the City's Design and Construction Notes Books 300 & 500.
- Porous paving treatments are not to be installed around new trees unless otherwise approved by the City's Representative.
- Resin bound aggregate mix porous paving is to be installed as per CoP detail.
- Preferred product: 6mm StoneSet Resin Bound Aggregate Porous Paving or similar approved by the City's Representative. Colour - light grey. Sub-base - 5mm washed blue metal or no fines concrete. Geofabric - 100kN Fibregrid.
- Installed as per manufacturer's instructions and City of Perth detail.

Reinstatement, Make Good and Cleaning:

- Reinstatement surrounding pavement in accordance with City of Perth - Design and Construction Notes - Book 300 for Standard Footpath Design. Reinstatement pavers level with surrounding pavers.
- Garden/turf restored to previous condition and in accordance with the Representative's requirement. Yellow builders sand not to be used as turf or garden bed fill. City of Perth Soil Specification applies.
- Make good and backfill excavations to the requirements of the service Authorities and the City of Perth
- Contractor shall reinstate excavations below slabs or pavements by providing selected fill compacted to the specified density as per AS 3798
- Some surplus materials (eg City pavers) may be recycled by delivering to the City's Depot - in Osborne Park. To be approved by the City's representative. Notice period depends on quantities.
- Damage and/or cracked existing pavers are to be replaced. Replacements are to be collected from City of Perth Depot in Osborne Park with prior notice. Consult Main Stores to discuss requirements. Period of notice will vary depending on quantity required.
- Clean all surfaces, remove debris, dirt, waste, surplus materials, signage, fencing, traffic cones etc from the site