6.0 TRENCHING

Trenching requires approval from the City of Perth, City Design Engineers.

Trenching in the Footpath: The paving along St Georges Tce (William St - Barrack St) is attached to a fibre reinforced concrete slab by adhesive tile glue. To trench in the footpath, Pavers and slab must be saw cut and removed. All removed material must be disposed and not used for reinstatement. Pavers along cut line and damaged pavers must be entirely removed, and not used for reinstatement.

Trenching in the Roadway: Method of trenching to be determined by applicant. If the excavated materials are to be used for reinstatement, limestone shall be stockpiled separately. If not, excavated material must be removed from the site and appropriately disposed of, by the applicant.

Prior to approval: Method of cutting and excavation must be submitted to City of Perth, City Design Engineers.
A bond of $1000 per square metre or linear metre, whichever is greater, must be paid.

7.0 INSTALLATION OF NEW PIT

This requires approval from the City of Perth, City Design Engineers. Applicants should submit method of removal of stone and slab. Applicants shall be responsible for reinstatement of paving and slab as per city’s requirement. Service Pits are covered in Chapter 14 of this specification.

8.0 BACKFILLING

Prior to backfill operations, all loose rubbish and foreign material should be removed from the trenches.

Sand backfill should be placed around any ducts, pipes or cables and compacted by mechanical means or by watering in.

Trenches must be backfilled with limestone and compacted in layers not more than 150mm thick with mechanical rammers to 95% Modified Density, in accordance with AS1289.

9.0 REINSTATEMENT OF FOOTPATH

The applicant should reinstate the granite stone pavers & concrete slab, to comply with the details shown in this specification and to the satisfaction of the City of Perth Maintenance Supervisor. If any pavers have been damaged, they are to be replaced with new pavers at cost to the applicant.

All work associated with the reinstatement of the pavement should comply with all requirements and details specified in the St Georges Tce Design and Construction Notes.

9.1 Concrete

Prior to reinstating the concrete slab on the footpath the sub-grade must be compacted to a minimum of 95% maximum dry density.

IMPORTANT: All structures and sub-structures removed during works must be reinstated, this includes: Expansion and Isolation Joints.
All related Steel Reinforcement; and Gas vents.

For Gas vents refer chapter 13 of this specification and details specified in the St Georges Tce Design and Construction Notes.

All reinstated concrete to be Fibre Reinforced Concrete, fibres as stated below. Concrete strength to be C32/40 with a maximum 20mm aggregate.

Fibre Name: Dramix
Fibre Type: RC 65 / 60 BN
Fibre Dosage: 20kg/m3
Supplier code: DC103.02 (supplier list: 10.30)