

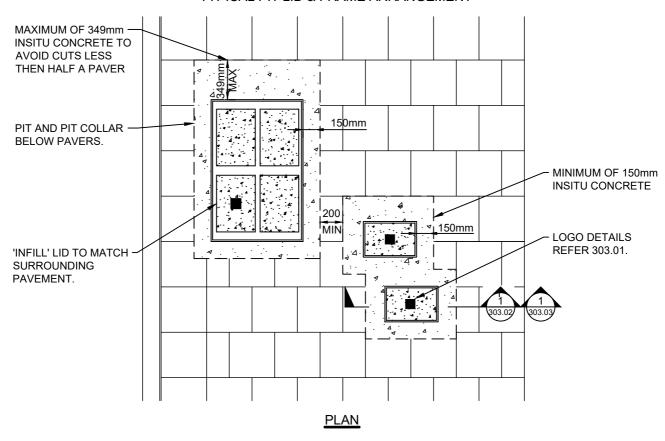
Design and Construction Note 303.00

City Grey Footpaths

Service Pit Covers In City Grey Paving

Reviewed: 17/11/2021

TYPICAL PIT LID & FRAME ARRANGEMENT



SERVICE COVERS

GENERAL:

Upon request, the City of Perth will consider permitting service covers installed at pavement level. Should permission be granted, the following 'best practice' design and construction standards shall apply:

- Lids shall be a 'tray' design in cast metal or fabricated steel with in-situ concrete matching in colour and texture and with a minimum strength of 25MPa. To match the City Grey paving the concrete mix is: PCC Grey Mix from Hansen Quarries. Mix needs to be washed to produce a washed aggregate finish.
- Snap location of pit lid & frame to the grid created by 400x400x60mm pavers where possible.
- Paving around the cover should be no less than ½ a standard paving unit cut adjacent paver to accommodate if required.
- Access pits and lids shall be of robust construction and professionally engineered to withstand dynamic loading and physical impacts associated with city centre streets. All pits & lids shall conform to AS 3996-2006.
- Maximum 5mm gap between pit frame and surrounding paving. If this cannot be achieved, approval can be sought to use insitu fill frame to match surrounding paving and infill material in lid. Minimum width and depth of insitu fill may apply (refer City OF Perth rep) min 100mm max 150mm.
- Traffic load to include street sweepers & garbage trucks.
- Exceptions have been made for existing service pits & lids maintenance on D&C note 303.03 any further inquiries
 refer to the City of Perth representative at Street Presentation & Maintenance spm.inbox@cityofperth.wa.gov.au