

# Side Entry Pit A140.02



## DESIGN STATEMENT

The side entry pit is a standard urban drainage treatment throughout the inner areas of Merri-bek. Side entry pits provide access for surface runoff entering underground pipe systems.

## APPLICABLE LOCATION

The side entry pit should be used to collect storm water runoff from the kerb and channel at various points along the street.

## COUNCIL STANDARD DRAWING

SD 121 Side entry pit

## CROSS REFERENCE DOCUMENT

- Merri-bek Standard Specification Sections 60 & 80. See also: Vic Roads Standard Drainage Specifications Sections 701, & 702.

## STANDARD SPECIFICATION

**Concrete:** Strength 25 MPa, unless stated otherwise.

**Cover:** Cover shall be Class B Lightweight Composite pit cover compliant to AS 3996-2019.

**Colour:** The colour of the Lightweight Composite pit cover should match adjacent surface (i.e. Green for nature strips, grey for concrete paving, charcoal for asphalt).

The Merri-bek City Council Logo should also be embossed on the top of the pit lid.

## SUPPLIER

### Supplier of pit covers:

- Access Covers Australia P/L
- R&S Grating P/L
- SVC Products P/L
- Terra Firma Industries P/L
- Gatic P/L or approved similar.

**Supplier of lintels:** SVC Products P/L [www.svc.net.au](http://www.svc.net.au) or similar.

## MAINTENANCE

**Street Cleansing Unit:** Cleaning will be undertaken as per current schedule.

## GENERAL NOTES

1. Concrete strength = 25MPa, unless stated otherwise.
2. Pits shall be cast monolithically. Cement render shall only be used to repair defects.
3. Pits over 2m in depth shall have F72 reinforcing fabric placed centrally in walls.
4. Step irons shall be fitted to pits great than 1m in depth (see SD190).
5. In street with bluestone k&c, asphalt or charcoal coloured concrete footpath, any exposed concrete, including lintel etc shall be charcoal coloured.
6. Lintel shall be SVC Code KLBWH1370 or similar.
7. Pit covers shall be Class B Lightweight Composite compliant to AS 3996-2019, set in accordance with manufacturers specification, unless specified otherwise.
8. In industrial & commercial area, cover shall be Class D Cast Iron / Ductile Concrete Infill cover compliant to AS 3996-2019
9. \*This dimension could vary if lintels other than SVC KLBWH1370 are used.

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