

# Side Entry Pit (2.0m inlet) A140.03



## DESIGN STATEMENT

The 2.0m inlet side entry pit for kerb and channel is a standard urban drainage element for Merri-bek City Council. The wide opening increases the inlet capacity considerably.

## APPLICABLE LOCATION

The 2.0m inlet side entry pits should be installed in any new road / residential development where stormwater run-off to be captured cannot be handled by a single 0.9m inlet side entry pit.

## COUNCIL STANDARD DRAWING

SD 118 Side entry pit (for type B k&c) – 2 m inlet.

## CROSS REFERENCE DOCUMENT

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

## 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:

- Acces 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. Pits shall be cast monolithically. Cement render shall only be used to repair defects.
2. Pits over 2m in depth shall have F72 reinforcing fabric placed centrally in walls.
3. Step irons shall be fitted to pits greater than 1m in depth (see SD190).
4. In street with bluestone k&c and asphalt footpath, any exposed concrete, including lintel etc shall be charcoal coloured.
5. Lintel shall be SVC's, Code KLBRC A2300 or similar.
6. Pit covers shall be Class B Lightweight Composite compliant to AS 3996-2019, set in accordance with manufacturers specification, unless specified otherwise. Covers shall have 2 parts (2x1150x750).
7. \* This dimension could vary if lintels other than SVC KLBRC A2300 are used.

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