

Side Entry Pit (2.0m inlet) A140.03



GENERAL

DESIGN STATEMENT

The 2.0m inlet side entry pit for kerb and channel is a standard urban drainage element for the City of Moreland. 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 Moreland Standard Specifications Sections 60, and 80. Terra Firma Engineering Load Tests Report 14/7/92. See also Vic Roads Standard Drainage Specifications: Sections 701, 702, & 60.

STANDARD SPECIFICATION

Concrete: Strength 25 MPa, unless stated otherwise.

Cover: Cover shall be Terra Firma or equivalent) which is lighter and stronger than the conventional concrete cover.

Colour: The colour of Terra Firma pit lids (or similar) should match adjacent surface (i.e. green for naturestrips, grey for concrete paving, charcoal for asphalt).

The Moreland City Council Logo should also be embossed on the top of the pit lid.

SUPPLIER

Supplier of pit covers: Terra Firma Engineering
www.terrafirmapitlids.com or similar.

Supplier of lintels: SVC Products P/L 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 Vic Roads 'B' type, Code 15.651 or similar.
6. Pit covers shall be Terra Firma, set in accordance with manufacturers specification, unless specified otherwise. Covers shall have 2 parts (2x1150x750). This dimension could vary if lintels other than SVC 15.651 are used.



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