



## DESIGN STATEMENT

The side entry pit is a standard urban drainage treatment throughout the inner areas of Moreland. 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 116 Side entry pit

## CROSS REFERENCE DOCUMENT

- Terra Firma Engineering Load Tests Report 14/7/92.  
Moreland 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 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 nature strips, 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](http://www.terrafirmapitlids.com) or similar.

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

## MAINTENANCE

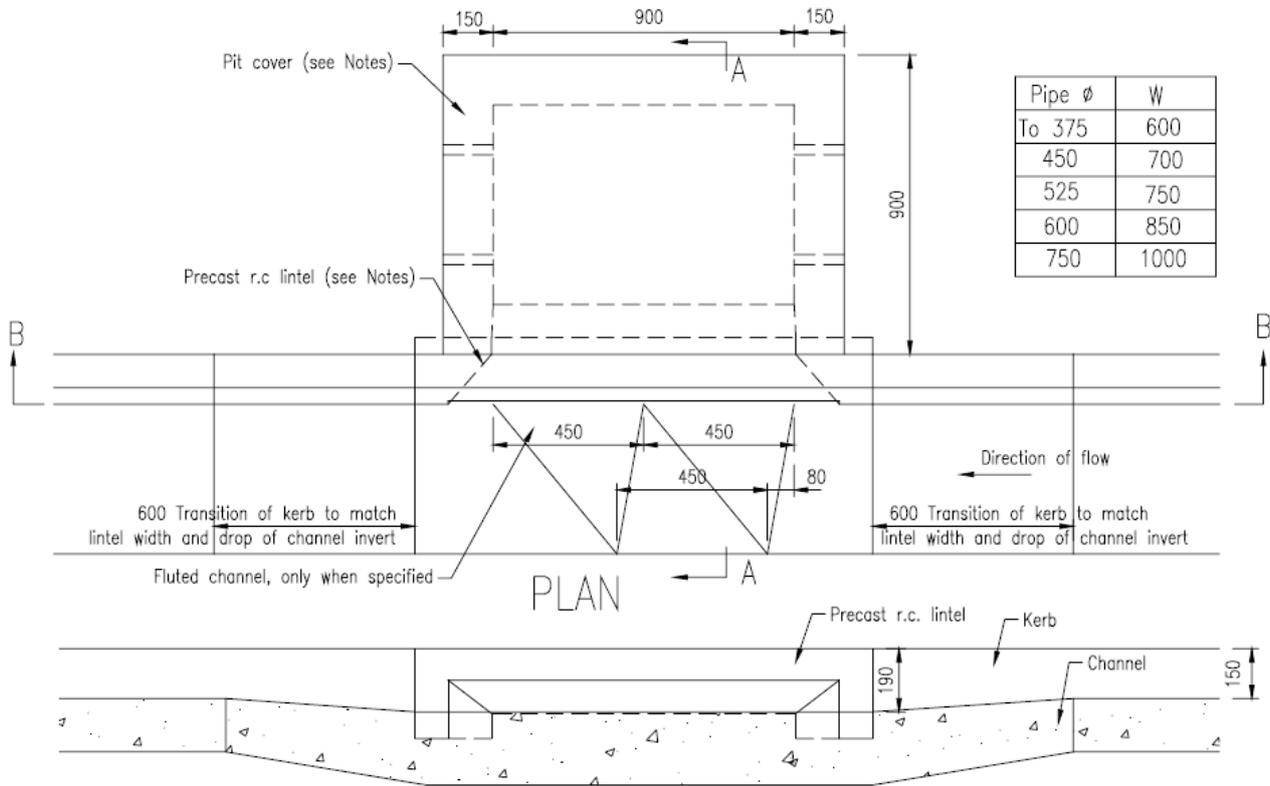
**Street Cleansing Unit:** Cleaning will be undertaken as per current schedule.

## GENERAL NOTES

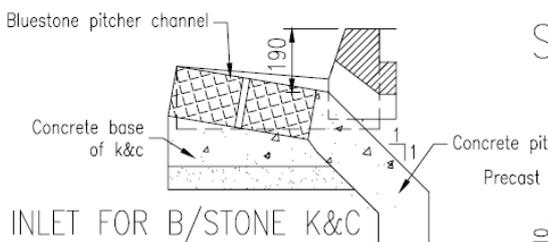
1. Concrete strength = 25MPa, unless stated otherwise.
2. Pits shall be cast monolithically. Cement render shall only be used to repair defects.
3. Pits over 2m in depth shall have F72 reinforcing fabric placed centrally in walls.
4. Step irons shall be fitted to pits great than 1m in depth (see SD190).
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 15.370 or similar.
7. Pit covers shall be Terra Firma, set in accordance with manufacturers specification, unless specified otherwise.
8. In industrial & commercial area, cover shall be Class C medium duty (Australian Road Covers, Gatic, etc.).  
\*This dimension could vary if lintels other than SVC 15.370 are used.



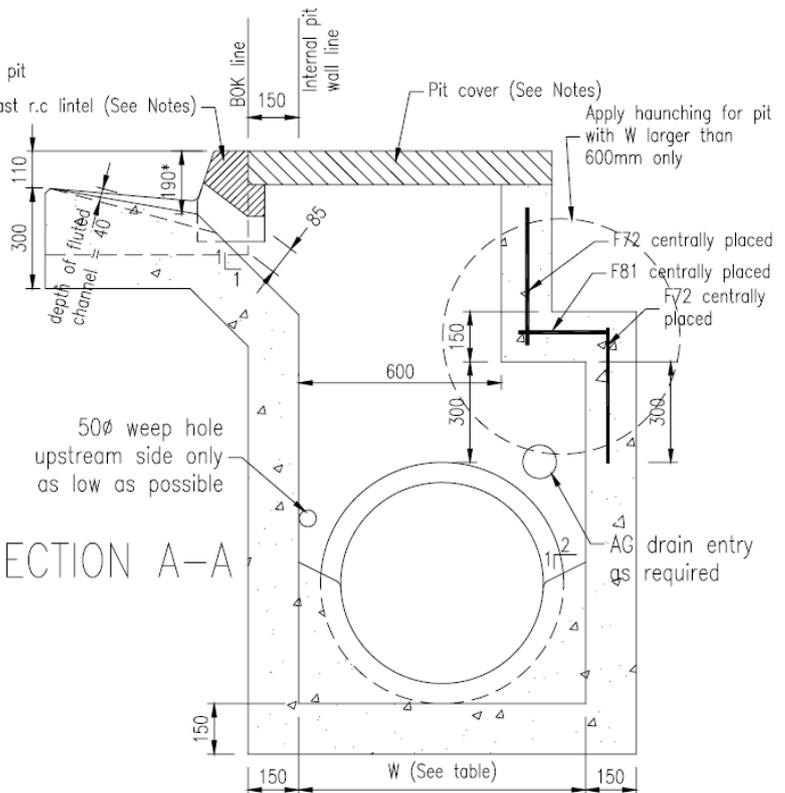
# A140.02 Side Entry Pit



Pipe $\phi$	W
To 375	600
450	700
525	750
600	850
750	1000



## SECTION B-B



### NOTES:

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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 greater 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
7. Lintel shall be SVC Code 15.370 or similar
8. Pit covers shall be Terra Firma, set in accordance with manufacturer's specification, unless specified otherwise.
9. In industrial & commercial area, cover shall be Class C, medium duty (Australian Road Covers, Gatic, etc..)

\* This dimension could vary if lintels other than SVC 15.370 are used