



Notes:

1. WM 3151 to be built as shown.
2. Concrete vault dimensions: 3.0 x 1.5 x 1.1 m.
3. Concrete designed to withstand AASHTO H20 live loading.
4. Chamber c/w 254 mm thick lid w/2121 collar lid [1829 x 914 mm hatch opening] as shown.
5. Bottom chamber to have 0.3 X 0.3 X 1.5 m trench complete w/ grate. For clarity trench detail not shown in section B-B.
6. Unit c/w Ø102 mm drainage hole as shown.
7. Unit c/w rough cores for inlet/outlet as required.
8. Unit c/w ladder rungs as required.
9. Each core is to have additional reinforcement placed around the core equal to or greater than the steel area removed for the core.
10. All reinforcement has a minimum of 25 mm concrete cover.
11. Approximate mass:
 - Chamber [w/ Trough]: 7,000 kg.
 - Lid [w/o Hatch]: 3750 kg.
12. Minimum concrete strength: 35 MPa.
13. Minimum rebar yield strength: 414 MPa.
14. All dimensions are in millimeters.



DESCRIPTION:
3151
 Water Meter Chamber
 w/ 1829 x 914 mm Opening
www.langleyconcretegroup.com

DRAWN BY:	KS	ORIGIN:	CHWK
CHK BY:	JDB/JAO/SW	DWG NO:	3151-WM
DATE:	APR/29/2009	REV DATE:	4. JUNE/28/2011
SCALE:	1:40		

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