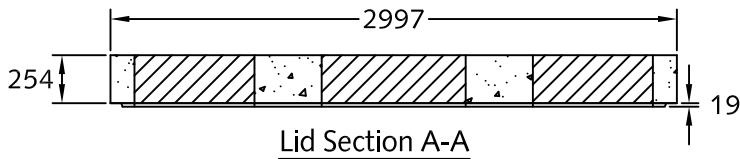
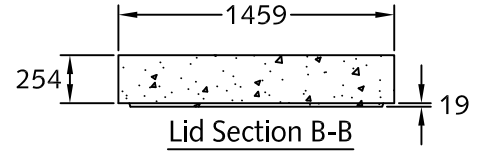


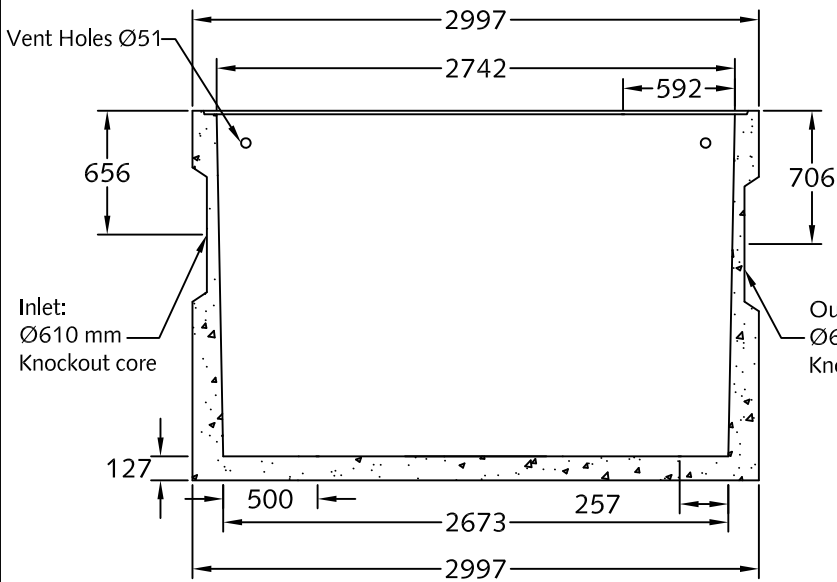
Plan View



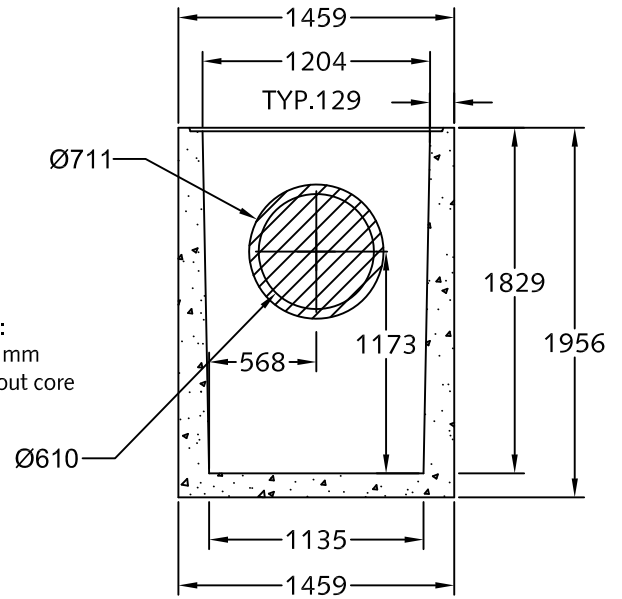
Lid Section A-A



Lid Section B-B



Section A-A



Section B-B

Notes:

1. Type III Chamber manufactured for AASHTO HS20 live loading as shown.
2. Unit dimensions are 2.7 x 1.2 x 1.8 m.
3. 254 mm Thickness reinforced concrete lid manufactured for AASHTO HS20 live loading.
4. Unit c/w Ø610 mm knockout cores for inlet/outlet flow.
5. Unit c/w 2-Ø635 mm and 1-Ø762 mm opening access.
6. Unit to have 4-Ø51 mm vent holes as shown.
7. Unit c/w lifting inserts as required.
8. Each core is to have additional reinforcement placed around the core equal to or greater than the steel area removed for the core.
9. All reinforcement has a minimum of 25 mm of concrete cover.
10. Ladder rungs to be provided as shown.
11. Approximate mass:
  - Lid: 2,315 kg.
  - Chamber: 6,000 kg.
12. Minimum rebar yield strength: 414 MPa.
13. Minimum concrete strength: 35 MPa.
14. All dimensions are in millimeters.



The LANGLEY CONCRETE Group of Companies

DESCRIPTION:

Vault Type III

www.langleyconcretegroup.com

DRAWN BY:	KS	ORIGIN:	CHWK
CHK BY:	JAO/JDB/SW	DWG NO:	V-TIII
DATE:	FEB/10/2009	REV DATE:	1. NOV/25/2009
SCALE:	1:40		

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