



CROSS-SECTION

DIMENSIONS IN mm	PIPE SIZE UP TO 50mm
A	1500
B	150
C	1050
D	300
E	300

NOTES ON T-1108.01-2 SHEET 2  
 ARE INTERGRAL PART OF THIS  
 DRAWING



TECHNICAL SERVICES  
 Engineering Services - Works Facilities & Structures

SCALE:	N.T.S.	<b>CIRCULAR PRECAST METER CHAMBER</b> FOR UP TO 50mm PRIVATE WATER SERVICE PIPE	DRAWING NUMBER:
DATE:	FEBRUARY 2006		<b>T-1108.01-2</b>
DRAFTING:	V.D./E.S.		SHEET: 1 of 2

**NOTES:**

1. Concrete strength shall be no less than 30 MPa and with 6% air entrainment.
2. Reinforcing bars to have a minimum of 50 mm concrete cover.
3. Precast sections to be as per OPSS 1351.
4. Base concrete strength shall not be less than 30 MPa.
5. All mortar mix to be 1:3.
6. All joints and lift holes in chamber sections to be filled with mortar and pointed before backfilling.
7. Solid aluminum steps as per OPSD 405.020 at 300mm centre to centre with first step to be 300mm below frame.
8. Polyethylene bond breaker to be used between concrete and fittings. An approved flexible sealant shall be used where the pipe goes through the chamber wall. Installation of pipe seal shall conform to manufacturers directions.
9. All exterior and interior brickwork and frame adjustment rings to be parged to a minimum 15mm thickness.
10. Floor to slope to sump. Sump to be positioned on the front side of the water meter.
11. Frame and cover shall be positioned immediately adjacent to the wall in front of the meter directly over the clear space in front of the meter.
12. Reinforced concrete design shall be adequate for chamber dimensions shown under H-20 Loading
13. The words "Water Meter" shall be cast onto the surface of the chamber cover using minimum 50mm high letters.
14. The chamber frame and cover shall be as per OPSD 402.01
15. No other piping or fittings shall be installed in the chamber that may interfere with the clear space in front of the water meter or the operation of valves or that may obstruct the meter or valves in any way.



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