



General Notes:

1. Vault material can be made of any material approved by Oregon Plumbing Specialty Code.
2. Use on private property only. Not for use in the public right-of-way.
3. Concrete vault can be cast-in-place or precast.
4. Vault must provide a minimum 3' x 3' x 3' internal clearance to accommodate sampling equipment.
5. For above-grade installations, optional protective bollards may be installed.
6. Surface water shall not drain into the vault.
7. If the vault is to be deeper than 6', then a platform may be required to be installed to support the sampling equipment.
8. Concrete: 28 day compressive strength  $f_c=5,500$  psi  
Stripping strength  $f_c=2,500$  psi
9. Installation:
  - Traffic rated lid for H-20 loading, and slip resistance.
  - Located outside of high traffic areas.
  - Maximum 24" diameter manhole lid.
  - Recommended clearance around the unit of 3' horizontal and 6' vertical.
10. All joints shall be sealed with non-shrink grout, preformed plastic or rubber ring to form a watertight seal.

The selection and use of this standard drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Designed By:	STAFF
Drawn By:	KJD
Checked By:	MPT
Approved:	JMC

No.	Date	Revisions	App. By



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**PRIVATE SAMPLING VAULT  
 DETAIL**

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