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 fcc=5,500 psi
   Shrinkage strength fcc=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.

Optional Risers:

Riser: #44-6
Riser: #44R-6
Riser: #44R-12

Walls taper 3" thick to 4" thick @ base slab

2 Ton lifting anchor typical (2) places.

Base: #44-solid (Oldcastle) or approved equal.

Cover: #44 (Oldcastle) or approved equal, with 25" Ø hole.

24" Manhole ring & frame

4" Grade ring shown

3 1/2" Galvanized pull iron (each corner)

4" pipe riser, located 12" to center from inside edges of vault with mechanical plug.
Floor penetration shall be water tight.

Standard wye connection to S.S. lateral, depth varies.