42"x48" Conc. Slab with AASHTO H-20 rated 30"x30" Aluminum Hatch. Division of Water Approved.

Manhole (Frame & Lid) for testing equipment, Division of Water Approved. (Lid weight shall not exceed 100#.)

Slope finished grade 1" per foot for 8', from center of hatch or manhole opening. Grading shall be limited to the development site and shall not extend into the road right-of-way (Typical).

Hatch Lid to be drilled (1/2") for air monitoring.

Pipe Length as Needed to Meet Required Elevation

1" Rods 12" c/c

1" Rods 6" c/c Alt. Rods Bent Up to Within 2" of Top Rising Stem Gate Valves - Handwheel Operated

Meter Length

1/8" per Ft. Slope

45° Bend - Typ.

First Step

Ladder Up Safety Post

Wall Boot or Link Seal (Typ.)

12" Min. 24" Max.

Solid Concrete Supports under all Valves and Meter Flanges, Solid Concrete Blocks may be used as well (Typical). (Shim w/ Hardwood as Needed)

- 4" Smooth Wall Drain Pipe at Floor Elevation (1% Min. Slope)

No connections permitted between R/W service valve and the meter.

No Meter Vault shall be installed in any paved area without the expressed approval of the Division of Water Distribution Engineering Office.

All Valves 3" and larger, inside the vault, shall be gate valves with outside screw and yoke assemblies (O.S. & Y.).

The Vault Floor shall be a min. of 18" above the flow line of the Drainage Ditch or Storm Sewer. Use of a Sump Pump in lieu of providing adequate drainage is not permitted. Where adequate drainage is not available or proves to be inadequate, a Sump Pump may be allowed, upon prior approval, by the Division of Water Distribution Engineering Office. See Standard Detail L-9402.