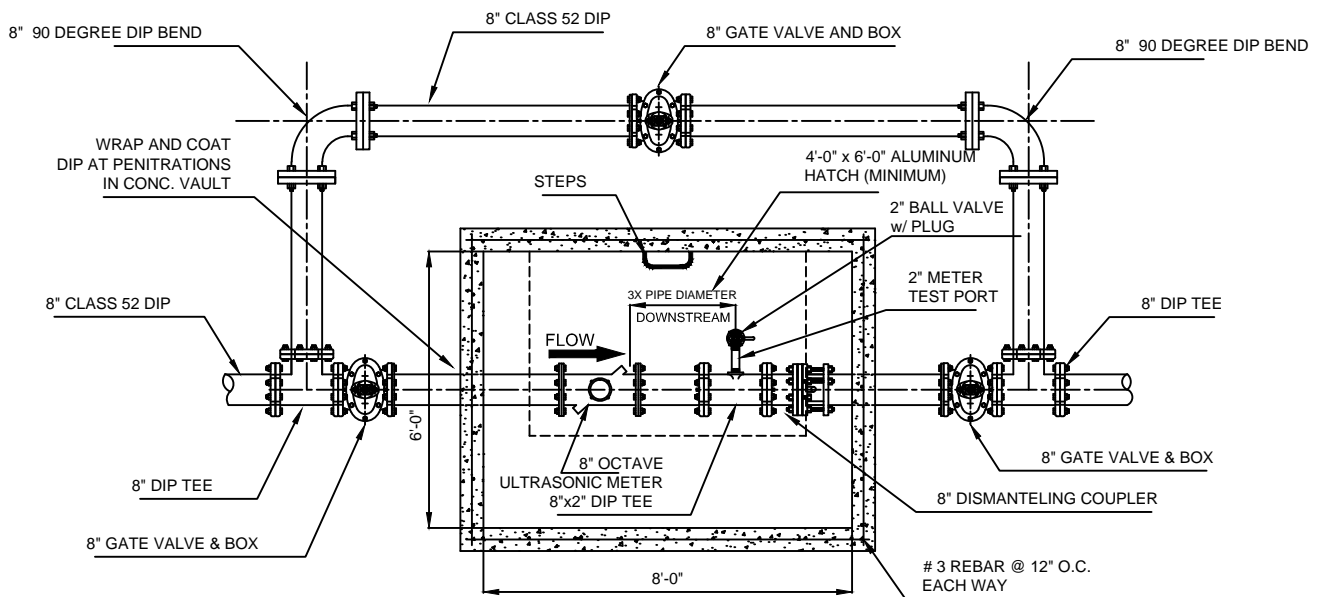


ELEVATION VIEW



PLAN VIEW

General Notes

1. All installation procedures must meet as outlined in the full installation specifications for Consolidated Utility District of Rutherford County.
2. No construction shall commence until plans are stamped with T.D.E.C. approval and said plans are on site.
3. Main line taps to existing water lines are to be made by Consolidated Utility District only.
4. In addition, no construction shall commence until a Notice to Proceed has been issued to the installation contractor from the Utility District.
5. As per Tennessee State Law it is the contractor's responsibility to contact the Tennessee One Call System at 1-800-351-1111 a minimum of 72 hours before excavation is to begin.
6. It is the responsibility of the developer to provide the necessary stakes and lines to insure that the water mains will be actually installed in the location shown.
7. After installation all back-flow preventers must be tested by a Tennessee State Certified Tester, and test results submitted to Consolidated Utility District. The tester must be approved by the district.

Materials General Notes

1. Meter shall be Master Meter Octave Ultrasonic Meter w/ MM96501019 Pulse Output Module and a Badger Orion Profile Transponder for metal pit with a minimum cord length of 10 feet.
2. All materials including the meter will be provided and installed by the developer and inspected by the District during construction.
3. Concrete vault to meet requirements of ASTM C857-95 structural design. Vault to be constructed with 4500 PSI @ 28 days concrete and reinforced with #3 rebars.
4. All valves to be resilient wedge gate valves meeting AWWA C509 requirements, and all internal and external exposed surfaces shall be fusion-bonded epoxy coated complying with AWWA 550 and certified to NSF61.
5. All fittings shall meet AWWA C153 Class 350 compact, and all M.J. fittings shall use wedge restrainer glands.
6. Crushed stone for bedding shall be Tennessee Department of Transportation Standard No. 67 (Type "A") and No. 10 (Type "B") and shall meet State Highway Department Standards for Road Surfacing.
7. A double detector check valve assembly is required on all fire lines, and is to be installed after the meter in a above ground Hot-Box prior to entering the structure. Back-flow preventers must be installed by a Certified Backflow Specialist.

8" FIRE LINE METER DETAIL

Scale: N.T.S.

Date: Sept. 2011

