INSTALLATION NOTES:

1. Crispin Universal Air Release Valve: Model UL10.1 (1"), UL20.1 (2"), UL30.1 (3"), UL40.1 (4") or approved equal.
2. Nipple: Brass, short
3. Ball Valve: Jones J-1905
4. Nipple: Brass, 10''. Protect from contact with two layers of 3-mil tape
5. Elbow: Brass, 90°
6. Cadmium plated bent bolts ½" dia. (typ. 3 places) with nuts
7. Angle: Galvanized steel 1½'' x 1½'' x ½'', 2'' long (typ. 3 places)
8. Copper Tubing: Type K, soft. Encase in purple recycled water polyethylene warning sleeve when used for recycled water.
9. The assembly shall be set behind the sidewalk where adequate right-of-way exists and in all new developments. Where adequate right-of-way does not exist, the assembly should be set back behind the curb a minimum of 18''. Where adequate space is not available between the assembly and the back of sidewalk to provide required ADA pass by clearance, approval of the location must be made by the University Engineer.
10. Coupling: Jones J2605SSG or Mueller H-15428
11. Corporation Stop: Jones J-1944 or Mueller B-2996
12. Street Elbow: Galvanized
13. Nipple: 10'' galvanized
14. Elbow: Galvanized
15. Nipple: 10'' galvanized
16. 10 ga. steel, minimum wall thickness of tubing
17. Paint with zinc-oxide primer and 2 coats of Sherwin Williams Emerald Ice (SW 4069). Use Sherwin Williams Verve Violet (SW 6979) for recycled water.
18. Drill minimum of six (6) ½ diameter holes on circumference evenly spaced.
19. PCC Slab: 30'' x 30'' x 4'' thick on a 4'' Class 3 base
20. Attach Recycled Water Warning Tag and adhesive decal per Engineering Standard 8810 when used for recycled water.
21. One (1) #4 rebar hoop