



NOTES:

1. WITH THE EXCEPTION OF THE WATER METER, ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. A CITY WATER METER PERMIT IS REQUIRED TO OBTAIN A WATER METER.
2. WATER SERVICE LINE MATERIAL SHALL BE COPPER, PEX, OR HDPE TUBING PER SECTION 504.01.02. USE OF PEX OR HDPE REQUIRES APPROVAL OF THE CITY ENGINEER.
3. THE CORPORATION STOP, SERVICE LINE (TUBING), ANGLE METER VALVE, AND CUSTOMER SERVICE VALVE SHALL BE SIZED AS SPECIFIED.
4. CORPORATION STOPS SHALL BE INSTALLED WITH 3-5 THREADS EXPOSED. THE OPERATING NUT SHALL BE ORIENTED SO IT IS ACCESSIBLE FROM ABOVE.
5. WHERE INSTALLED BY THE CONTRACTOR, THE METER SHALL BE SET PLUMB AND CENTERED EACH WAY INSIDE THE METER BOX.
6. DUCTILE IRON SADDLES SHALL BE INSTALLED ON 4" DUCTILE IRON PIPE AND ALL SIZES OF CAST IRON AND STEEL PIPE. ALL DUCTILE IRON PIPE APPLICATIONS OVER 4" DIA. SHALL BE DIRECT TAPPED. BRONZE SADDLES WITH BRONZE STRAPS SHALL BE INSTALLED ON ASBESTOS CEMENT PIPE.
7. CATHODIC PROTECTION IS REQUIRED FOR NEW COPPER SERVICES WHEN CONNECTING TO EXISTING ASBESTOS-CEMENT WATER LINES. THE METHOD OF PROVIDING CATHODIC PROTECTION WILL REQUIRE THE APPROVAL OF THE ENGINEER.
8. CUTTING, REAMING, SIZING, AND BENDING OF COPPER TUBING SHALL BE PERFORMED USING TOOLS AND PRACTICES SPECIFIC TO THOSE OPERATIONS.
9. ALL COPPER SERVICE LINES SHALL BE DIRECT BURIED IN ROCK BACKFILL TO AVOID ANY COPPER CONTACT WITH NATIVE SOIL. COPPER SERVICE LINES SHALL NOT BE INSTALLED BY JACKING OR BORING.
10. 12 GAUGE TRACER WIRE SHALL BE INSTALLED WITH HDPE OR PEX SERVICE LINES. TRACER WIRE SHALL BE SECURELY GROUNDED TO THE CORPORATION STOP AND SHALL BE EASILY ACCESSIBLE IN THE METER BOX.
11. POLYPROPYLENE STIFFENERS SHALL BE INSTALLED WHERE HDPE OR PEX SERVICE LINES CONNECT TO THE CORPORATION STOPS AND ANGLE METER VALVES.

SERVICE LINE TUBING SHALL BE INSTALLED HORIZONTALLY, REGARDLESS OF CROWN IN ROADWAY.

SERVICE SADDLE WHERE REQUIRED. SADDLES SHALL BE TAPPED FOR AWWA TAPER THREAD. SEE NOTE 6.

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
3/4" AND 1" WATER SERVICES		
NO SCALE	OCTOBER 2013	NO. 507