



NOTES:

1. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. CORPORATION STOP, 90° BEND, COPPER CONDUIT OR BRASS PIPE, HAND VALVE, AIR/VACUUM VALVE, AND VENT PIPING SHALL BE SIZED AS FOLLOWS: 1" COMPONENTS FOR 12" AND SMALLER WATER LINES AND 2" COMPONENTS FOR 16" AND LARGER WATER LINES.
3. SERVICE SADDLES, WHEN REQUIRED, SHALL BE BRONZE (BRONZE DOUBLE STRAPS AND BRONZE BODIED) PER SECTION 504.01.04.
4. ALL COMPONENTS INSTALLED BETWEEN THE HAND VALVE AND THE AIR/VACUUM VALVE SHALL BE BRASS OR BRONZE. SERVICE LINES SHALL BE PER STANDARD DRAWING NO. 507 OR 508.
5. THE AIR/VACUUM VALVE SHALL BE SET PLUMB AND CENTERED EACH WAY IN THE METER BOX.
6. CATHODIC PROTECTION WILL BE REQUIRED WHEN CONNECTING TO EXISTING MAINS PER SECTION 501.01.08.
7. AIR VALVE VENT SHALL BE EXTENDED ABOVE GRADE TO PREVENT BACKFLOW CONTAMINATION. LOCATION OF THE VENT WILL BE SITE SPECIFIC AND WILL BE DETERMINED BY THE ENGINEER.
8. CUTTING, REAMING, SIZING AND BENDING OF COPPER TUBING SHALL BE PERFORMED USING TOOLS AND PRACTICES SPECIFIC TO THOSE OPERATIONS.

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
1" AND 2" COMBINATION AIR/VACUUM RELEASE VALVE		
NO SCALE	FEBRUARY 2024	NO. 509