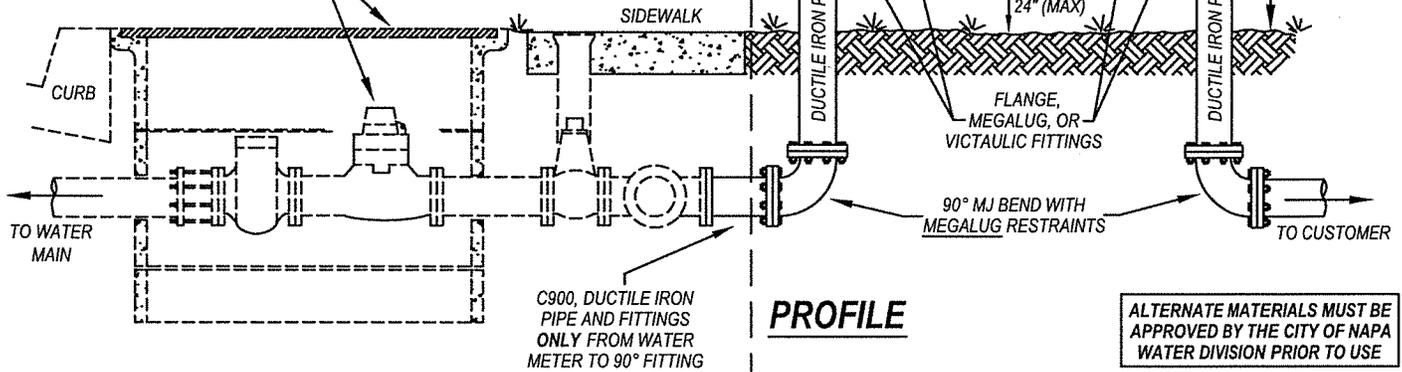


ALL JOINTS SHALL BE RESTRAINED.
 BURIED FITTINGS: MEGALUG
 RESTRAINTS, OR EQUAL
 EXPOSED FITTINGS: FLANGED,
 MEGALUG, OR VICTAULIC JOINTS

PUBLIC
 RIGHT-OF-WAY

PRIVATE
 PROPERTY

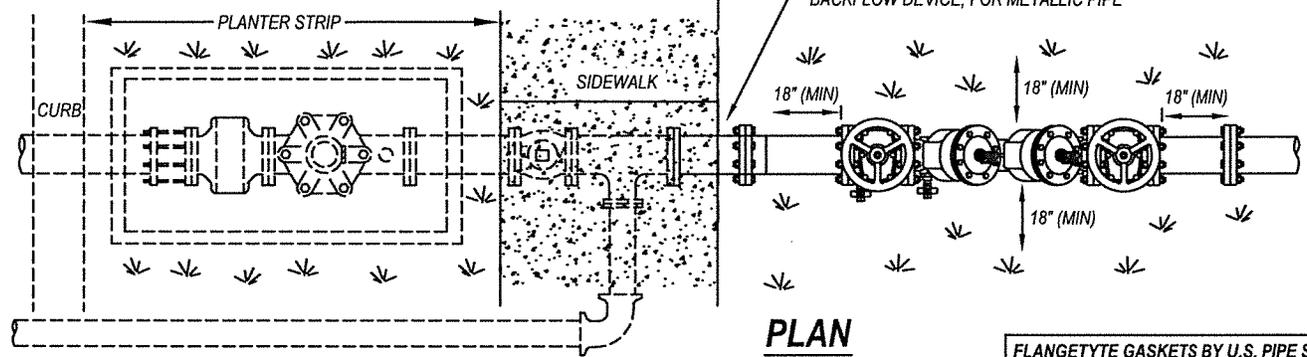
FOR METER BOX AND WATER
 METER INSTALLATION, SEE W-3A,
 W-3B, W-3C, W-3D, W-3E, & W-3F



PROFILE

ALTERNATE MATERIALS MUST BE
 APPROVED BY THE CITY OF NAPA
 WATER DIVISION PRIOR TO USE

C900, DUCTILE IRON
 PIPE AND FITTINGS
 ONLY FROM WATER
 METER TO 90° FITTING



PLAN

CLEARANCE REQUIREMENTS

FLANGETYTE GASKETS BY U.S. PIPE SHALL
 BE USED FOR ALL FLANGED FITTINGS.

CITY OF NAPA

PUBLIC WORKS - WATER DIVISION

**EXTERIOR REDUCED PRESSURE
 BACKFLOW DEVICE INSTALLATION FOR
 3" TO 8" COMMERCIAL WATER SERVICES**

DATE REVISED: DECEMBER 2015
 CHECKED: *[Signature]*
 APPROVED: *[Signature]*
 SCALE: NONE

DWG NO. **W-6C.1**

NOTES

1. **ABOVE GROUND INSTALLATION IS MANDATORY** FOR REDUCED PRESSURE BACKFLOW DEVICES.
2. REDUCED PRESSURE DEVICES ARE REQUIRED FOR ALL COMMERCIAL SERVICES AND FOR IRRIGATION SERVICES TO PROPERTIES USING ALTERNATE WATER SOURCES (INCLUDING WELLS, RECLAIMED WATER, PONDS, ETC.).
3. BACKFLOW DEVICE MUST BE INSTALLED BEHIND THE BACK OF SIDEWALK OUTSIDE OF THE PUBLIC RIGHT-OF-WAY AND PROTECTED FROM TRAFFIC HAZARDS, EITHER BY LOCATION OR BARRIERS.
4. BACKFLOW DEVICE CAN BE INSTALLED WITHIN A BUILDING IN A DEDICATED UTILITY CLOSET IF THE BUILDING IS LOCATED WITHIN 20-FT OF THE PUBLIC RIGHT-OF-WAY, THE BACKFLOW DEVICE IS PLACED AT THE CORNER OF THE BUILDING CLOSEST TO THE PUBLIC RIGHT-OF-WAY WHERE THE CONNECTION IS MADE, AND WITH THE APPROVAL FROM THE WATER DIVISION CROSS CONNECTION SPECIALIST (SEE W-6B FOR INTERNAL INSTALLATION REQUIREMENTS).
5. NO CONNECTIONS ARE ALLOWED BETWEEN THE WATER METER AND THE BACKFLOW ASSEMBLY, OR DIRECTLY TO THE BACKFLOW DEVICE. A THERMAL EXPANSION RELIEF VALVE SHALL BE INSTALLED BETWEEN BACKFLOW DEVICE AND WATER HEATERS BEING SERVED.
6. ALL PARTS MUST BE EASILY ACCESSIBLE FOR INSPECTION BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
7. ANY OTHER LOCATION OR METHOD OF INSTALLATION MUST BE APPROVED IN ADVANCE BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
8. ALL BURIED SECTIONS OF METALLIC PIPE AND FITTINGS BETWEEN THE WATER METER AND THE BACKFLOW DEVICE SHALL BE WRAPPED WITH 8-MIL POLYETHYLENE WRAP. WRAPPING METALLIC PIPE AND FITTINGS BEYOND THE BACKFLOW DEVICE IS RECOMMENDED, BUT NOT REQUIRED.
9. INSTALLATION MUST BE APPROVED BY THE WATER DIVISION CROSS CONNECTION SPECIALIST AND THE DEVICE TESTED BY A CITY APPROVED AWWA CERTIFIED BACKFLOW TESTER BEFORE WATER IS TURNED ON.
10. REDUCED PRESSURE BACKFLOW DEVICE MUST BE APPROVED BY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES.
11. NO TREES SHALL BE PLANTED WITHIN 10-FT, OR LARGE SHRUBS WITHIN 5-FT, OF DOUBLE CHECK VALVE.
12. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED AND WATER METERS SHALL BE SET, PRIOR TO ANY USE OF WATER SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.
13. THE VISUAL IMPACT OF BACKFLOW DEVICES SHOULD BE CONSIDERED IF NOT PLACED WITHIN A UTILITY CLOSET.

CITY OF NAPA

PUBLIC WORKS - WATER DIVISION

**EXTERIOR REDUCED PRESSURE
BACKFLOW DEVICE INSTALLATION FOR
3" TO 8" COMMERCIAL WATER SERVICES**

DATE REVISED: DECEMBER 2015

CHECKED: 

APPROVED: 

SCALE: NONE

DWG NO. **W - 6C.2**