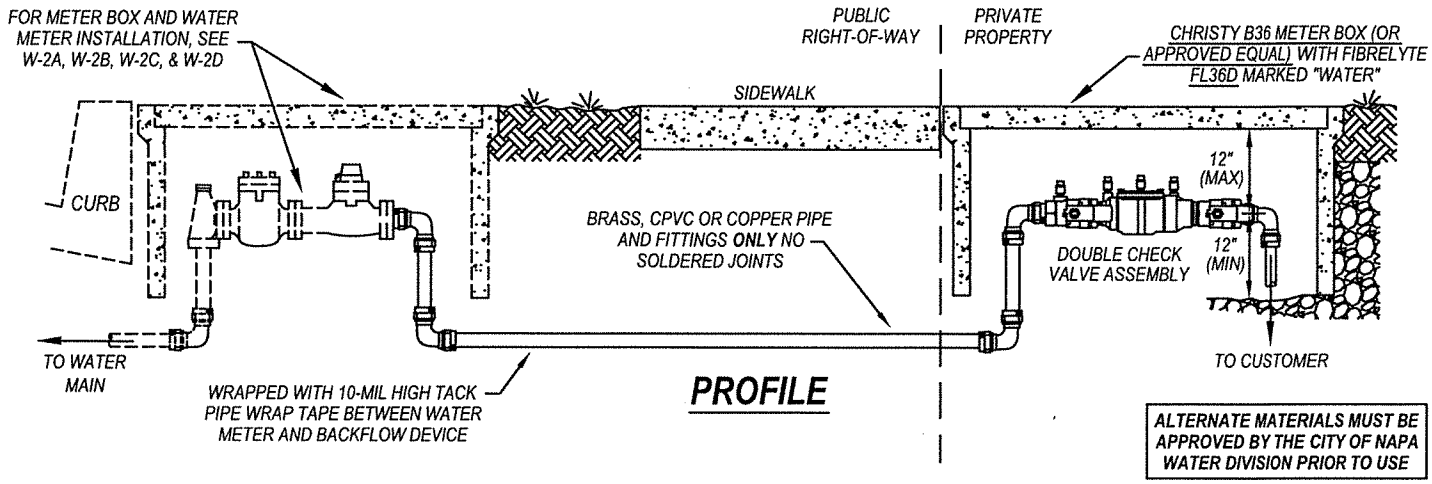
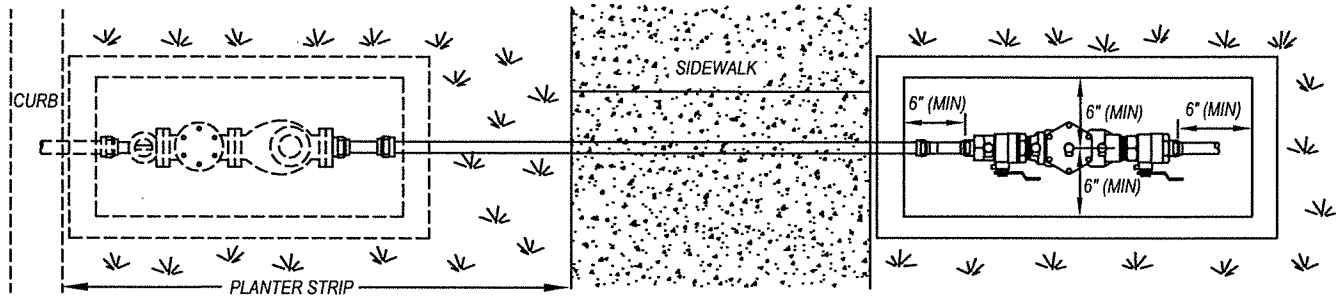


PROFILE

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



PLAN

CLEARANCE REQUIREMENTS

NOTES

1. **CURB ADJACENT SIDEWALK**: INSTALL METER AT BACK OF CURB AS SHOWN. INSTALL BACKFLOW DEVICE AT BACK OF SIDEWALK.
2. DOUBLE CHECK VALVE MUST BE INSTALLED IN A TRUE HORIZONTAL POSITION.
3. DOUBLE CHECK VALVE MUST BE INSTALLED WITHIN IN A PROTECTIVE BOX. STACKED BOXES SHALL BE USED AS NEEDED TO MAINTAIN CLEARANCE REQUIREMENTS.
4. NO CONNECTIONS ARE ALLOWED BETWEEN THE WATER METER AND THE DOUBLE CHECK VALVE ASSEMBLY.
5. ALL PARTS MUST BE EASILY ACCESSIBLE FOR INSPECTION BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
6. ANY OTHER LOCATION OR METHOD OF INSTALLATION MUST BE APPROVED IN ADVANCE BY THE WATER DIVISION CROSS CONNECTION SPECIALIST.
7. ALL BURIED SECTIONS OF METALLIC PIPE AND FITTINGS BETWEEN THE WATER METER AND THE BACKFLOW DEVICE SHALL BE WRAPPED WITH 10-MIL HIGH TACK PIPE WRAP TAPE. WRAPPING METALLIC PIPE AND FITTINGS BEYOND THE BACKFLOW DEVICE IS RECOMMENDED, BUT NOT REQUIRED.
8. 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.
9. DOUBLE CHECK ASSEMBLY MUST BE APPROVED BY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES.
10. NO TREES SHALL BE PLANTED WITHIN 10-FT, OR LARGE SHRUBS WITHIN 5-FT, OF DOUBLE CHECK VALVE.
11. DOUBLE CHECK BACKFLOW DEVICES MAY BE USED FOR IRRIGATION WATER SERVICES, EXCEPT IF AN IRRIGATION SERVES A PROPERTY USING ALTERNATE WATER SOURCES (INCLUDING WELLS, RECLAIMED WATER, PONDS, ETC.). IF ALTERNATE WATER SOURCES ARE USED, SEE W-6A FOR INSTALLATION REQUIREMENTS.
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. 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-5D FOR INTERNAL INSTALLATION REQUIREMENTS).

CITY OF NAPA		PUBLIC WORKS - WATER DIVISION
DOUBLE CHECK VALVE BACKFLOW DEVICE INSTALLATION FOR 1.5" AND 2" RESIDENTIAL WATER SERVICES	DATE REVISED: DECEMBER 2015 CHECKED: APPROVED: SCALE: NONE	DWG NO. **W - 5B**