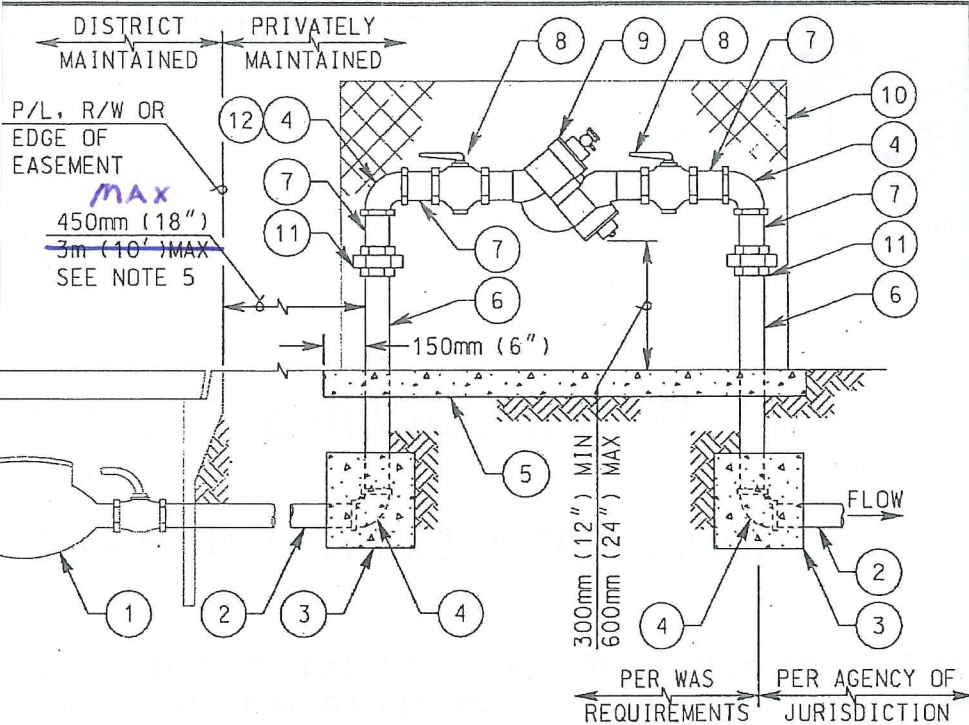
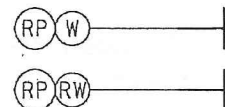


The backflow device shall be installed after the water meter on the customer side of the line or private lateral. If the private lateral between your property and the water meter location crosses property lines and runs through private property, please make sure the backflow device is installed within your private lateral easement.



NOTES:

- 1) REFER TO SECTION 15112 OF THE SPECIFICATIONS
- 2) INSTALL WARNING/IDENTIFICATION TAPE AS SHOWN ON WP-01
- 3) LOCATE BACKFLOW PREVENTION DEVICE (BPD) IN SUCH A MANNER THAT WILL ALLOW THE DEVICE TO BE READILY ACCESSIBLE FOR INSPECTION & REPAIR
- 4) ALL ABOVE GROUND PIPING, UNIONS, ELBOWS, & NIPPLES SHALL BE SOLDERED OR THREADED BRASS
- 5) NO CONNECTIONS OF ANY KIND WILL BE ALLOWED IN THIS AREA, INSPECTION BY THE DISTRICT SHALL TAKE PLACE PRIOR TO BACKFILL. INSTALL A CASING ENCASED IN CONCRETE WHEN THE DISTANCE BETWEEN THE METER BOX AND THE RISER TO THE BPD EXCEEDS 450mm (18"). NO CONNECTIONS OF ANY KIND WILL BE PERMITTED IN THIS AREA, INSPECTED REQUIRED PRIOR TO BACKFILL
- 6) INSTALL AN ANGLE PRESSURE REDUCING VALVE IN LIEU OF THE FIRST 90° ELL WHEN SYSTEM PRESSURE EXCEEDS 1.03 MPa (150 PSI) OR WHEN RECOMMENDED BY THE BACKFLOW MANUFACTURER
- 7) TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 15112 OF THE SPECIFICATIONS PRIOR TO ACCEPTANCE BY THE DISTRICT
- 8) BPD & APPURTENANCES INSTALLED FOR THE USE OF RECYCLED WATER SHALL BE IDENTIFIED AS DESCRIBED IN SECTION 15151 OF THE SPECIFICATIONS
- 9) MATERIALS SHALL BE SELECTED FROM THE APPROVED MATERIALS LIST



LEGEND ON PLANS

ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
1	METER BOX & METER ASSEMBLY SEE WS-01. & WS-02	6	BRASS OR COPPER PIPE SEE NOTE 4
2	SCH 80 PVC, BRASS OR COPPER PIPE	7	75mm (3") LONG NIPPLE SEE NOTE 4
3	CONCRETE THRUST BLOCK SEE WT-01	8	BALL VALVE "SHUT-OFF"
4	90° ELL SEE NOTES 4 & 6	9	REDUCED PRESSURE BACKFLOW DEVICE
5	CONCRETE SLAB, MINIMUM 100mm (4") THICK x 450mm (18") WIDE	10	ENCLOSURE (OPTIONAL)
		11	UNION SEE NOTE 4
		12	ANGLE PRV SEE NOTES 4 & 6

19mm THRU 50mm (3/4" THRU 2") REDUCED PRESSURE BACKFLOW PREVENTION DEVICE

WATER AGENCIES STANDARDS

COMMITTEE APPROVAL: 02/01/2008

DRAWING NUMBER: WR-01

#3 and #5 are optional within the Ramona Municipal Water District

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