



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) 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, INSPECTION REQUIRED PRIOR TO BACKFILL
- 5) 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
- 6) TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 15112 OF THE SPECIFICATIONS PRIOR TO ACCEPTANCE BY THE DISTRICT
- 7) BPD & APPURTENANCES INSTALLED FOR THE USE OF RECYCLED WATER SHALL BE IDENTIFIED AS DESCRIBED IN SECTION 15151 OF THE SPECIFICATIONS
- 8) MATERIALS SHALL BE SELECTED FROM THE APPROVED MATERIALS LIST



LEGEND ON PLANS

| ITEM NO | SIZE AND DESCRIPTION | ITEM NO | SIZE AND DESCRIPTION |
|---------|---|---------|--|
| 1 | METER VAULT & METER ASSEMBLY, SEE WS-04 | 8 | REDUCED PRESSURE BACKFLOW DEVICE |
| 2 | PVC OR DUCTILE IRON PIPE | 9 | ENCLOSURE (OPTIONAL) |
| 3 | FLG x FLG OR MJ/PO x FLG 90° BEND | 10 | ADJUSTABLE VALVE SUPPORT |
| 4 | CONCRETE THRUST BLOCK SEE WT-01 | 11 | CONCRETE SLAB, MINIMUM 100mm (4") THICK x 900mm (36") WIDE |
| 5 | FLANGED DUCTILE IRON PIPE | 12 | FLANGED ANGLE PRESSURE REDUCING VALVE SEE NOTE 5 |
| 6 | FLANGED 90° BEND, SEE NOTE 5 | | |
| 7 | FLANGED RESILIENT WEDGE GATE VALVE | | |

75mm (3") AND LARGER REDUCED PRESSURE BACKFLOW PREVENTION DEVICE

WATER AGENCIES STANDARDS

COMMITTEE APPROVAL: 11/23/2011

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