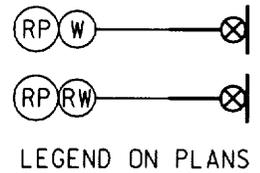


**NOTES:**

- 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")
- 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

**DETAIL 'A'**  
SEE NOTE 5



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/PD 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: 12/31/2004

DRAWING NUMBER: **WR-02**