



**NOTES:**  
 1. ALL DIMENSIONS ARE APPROXIMATE.  
 2. BACKFLOW PREVENTER LOCATION REQUIRES PRIOR APPROVAL. MUST BE WITHIN 10 FT OF METER ON PROPERTY SIDE AND MUST NOT OBSTRUCT SIGHT DISTANCE. PROVIDE 36" CLEAR OUTSIDE OF ENCLOSURE ON ALL SIDES.  
 3. SLAB SHALL BE 3000 PSI CONCRETE, 117" LONG x 48" WIDE x 4" THICK WITH 6x6-W1.4XW1.4 WWF OVER 3" COMPACTED CRUSHED STONE.  
 4. REDUCED PRESSURE BACKFLOW PREVENTER (RP) SHALL BE A **WATTS' 1" RP-4** (OR EQUAL) WITH AMWA 'NRS' RESILIENT WEDGE GATE VALVES.  
 5. PIPE RISERS AND BENDS SHALL BE DUCTILE IRON FOR A MINIMUM OF 8 FT EACH SIDE OF GATE VALVES. ALL BELOW GROUND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINTS.  
 6. THE ABOVE GROUND ENCLOSURE SHALL BE IN TWO REMOVABLE PARTS JOINED ALONG THE LONGITUDINAL CENTERLINE, INSULATED TO RB, HAVE AN ACCESS OPENING 'A.O.' ON BOTH SIDES AS SHOWN AND DRAIN PORTS AT GRADE. ENCLOSURE COLOR SHALL BE BEIGE.  
 7. NO BY-PASS OF BACKFLOW PREVENTER WILL BE ACCEPTED.  
 8. TWO REQUIRED ELECTRICAL RECEPTACLE INDICATED BY [E] SHALL BE A GFI MOUNTED A MINIMUM OF 30" ABOVE THE SLAB.  
 9. THE ENCLOSURE SHALL BE HEATED WITH TWO 1000W, 120V AND 1 PH HEATERS.

**8" REDUCED PRESSURE BACKFLOW PREVENTER**  
 W-BX\_RPBFP HB8 8\_RP-4  
 24

**2" REDUCED PRESSURE BACKFLOW PREVENTER**  
 W-BX\_RPBFP HB2 200 909MI-QT  
 16

**1.5" REDUCED PRESSURE BACKFLOW PREVENTER**  
 W-BX\_RPBFP HB2 150 909MI-QT  
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 3. SLAB SHALL BE 3000 PSI CONCRETE, 51" LONG x 25" WIDE x 4" THICK WITH 6x6-W1.4XW1.4 WWF OVER 3" COMPACTED CRUSHED STONE.  
 4. REDUCED PRESSURE BACKFLOW PREVENTERS SHALL BE A **WATTS' 2" 909MI-QT** (OR EQUAL) SHUT-OFF VALVES SHALL BE FULL PORT, LINE SIZE AND 1/4 TURN BRONZE UNION BALL VALVES.  
 5. PIPE RISERS AND BENDS SHALL BE TYPE 'K' COPPER OR BRASS FOR A MINIMUM OF 5 FT EACH SIDE OF VALVES.  
 6. THE ENCLOSURE SHALL BE A **HOT-BOX #HB2** (OR EQUAL) FIBERGLASS AND HAVE A FLIP-TOP FOR ACCESS AND MAINTENANCE.  
 7. NO BY-PASS OF BACKFLOW PREVENTER WILL BE ACCEPTED.  
 8. REQUIRED ELECTRICAL RECEPTACLE INDICATED BY [E] SHALL BE GFI MOUNTED A MINIMUM OF 30" ABOVE THE SLAB.  
 9. THE ENCLOSURE SHALL BE HEATED WITH A 90W, 120V AND 1 PH HEAT TRACE CABLE.

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 3. SLAB SHALL BE 3000 PSI CONCRETE, 51" LONG x 25" WIDE x 4" THICK WITH 6x6-W1.4XW1.4 WWF OVER 3" COMPACTED CRUSHED STONE.  
 4. REDUCED PRESSURE BACKFLOW PREVENTERS SHALL BE A **WATTS' 1.5" 909MI-QT** (OR EQUAL) SHUT-OFF VALVES SHALL BE FULL PORT, LINE SIZE AND 1/4 TURN BRONZE UNION BALL VALVES.  
 5. PIPE RISERS AND BENDS SHALL BE TYPE 'K' COPPER OR BRASS FOR A MINIMUM OF 5 FT EACH SIDE OF VALVES.  
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 3. SLAB SHALL BE 3000 PSI CONCRETE, 36" LONG x 22" WIDE x 4" THICK WITH 6x6-W1.4XW1.4 WWF OVER 3" COMPACTED CRUSHED STONE.  
 4. REDUCED PRESSURE BACKFLOW PREVENTER SHALL BE A **WATTS' 1" 909-OI** (OR EQUAL). SHUT-OFF VALVES SHALL BE FULL PORT, LINE SIZE AND 1/4 TURN BRONZE UNION BALL VALVES.  
 5. PIPE RISERS AND BENDS SHALL BE TYPE 'K' COPPER OR BRASS FOR A MINIMUM OF 5 FT EACH SIDE OF VALVES.  
 6. THE ENCLOSURE SHALL BE A **HOT-BOX #HB1** (OR EQUAL) FIBERGLASS AND HAVE A FLIP-TOP FOR ACCESS AND MAINTENANCE.  
 7. REQUIRED ELECTRICAL RECEPTACLE INDICATED BY [E] SHALL BE MOUNTED A MINIMUM OF 16" ABOVE THE SLAB.  
 8. THE ENCLOSURE SHALL BE HEATED WITH A 60W, 120V, 12 FT LONG HEAT TRACE CABLE.

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 4. REDUCED PRESSURE BACKFLOW PREVENTER SHALL BE A **WATTS' 3/4" 909-OI** (OR EQUAL). SHUT-OFF VALVES SHALL BE FULL PORT, LINE SIZE AND 1/4 TURN BRONZE UNION BALL VALVES.  
 5. PIPE RISERS AND BENDS SHALL BE TYPE 'K' COPPER OR BRASS FOR A MINIMUM OF 5 FT EACH SIDE OF VALVES.  
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