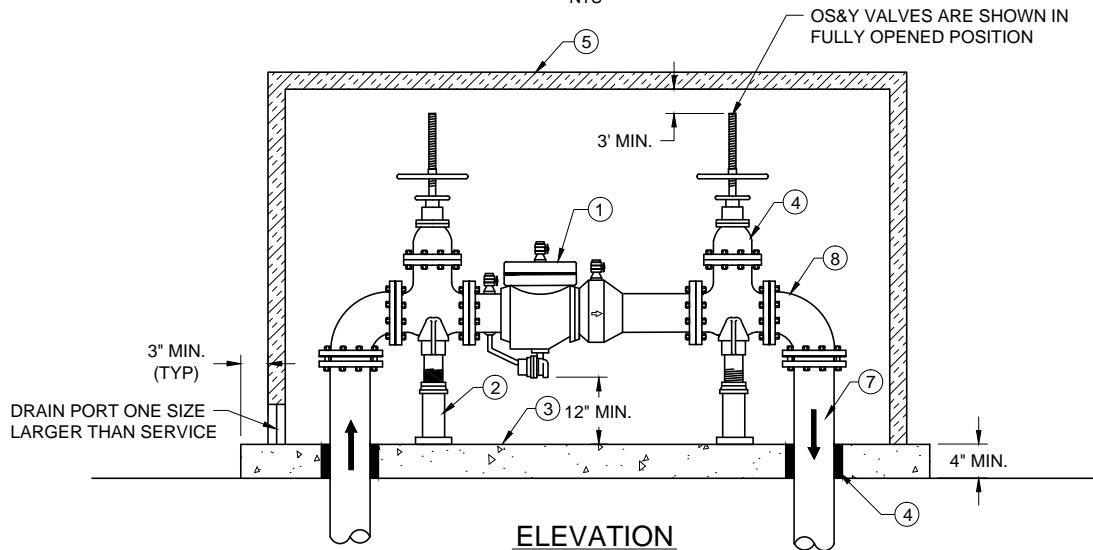


PLAN

NTS



ELEVATION

NTS

MATERIALS:

- ① WASHINGTON STATE D.O.H. APPROVED REDUCED PRESSURE BACKFLOW ASSEMBLY (RPBA).
- ② STEEL, ADJUSTABLE PIPE STANCHION, HOT DIPPED GALVANIZED AS APPROVED BY THE CITY ENGINEER.
- ③ 3,000# PORTLAND CONCRETE SLAB.
- ④ ½" EXPANSION JOINT MATERIAL
- ⑤ INSULATED ENCLOSURE (HOT BOX OR APPROVED EQUAL)
- ⑥ VALVES SHOWN ARE OS&Y BUT MAY BE BUTTERFLY OR NONE RISING STEM AS SUPPLIED BY MANUFACTURER.
- ⑦ CLASS 52 CEMENT LINED DUCTILE IRON PIPE.
- ⑧ 90 DEGREE DUCTILE IRON BEND (FL x MJ) / W MEGA-LUGS

NOTES:

- 1. R.P.B.A. TO BE WA. STATE D.O.H. APPROVED ASSEMBLY. ONCE INSTALLED, THE ASSEMBLY MUST BE INSPECTED AND TESTED BY A CERTIFIED BACKFLOW ASSEMBLY TESTER, AND THE WRITTEN TEST RESULTS SENT TO THE CITY CROSS CONNECTION SPECIALIST. THEREAFTER INSPECTED AND TESTED ANNUALLY AND WHEN MOVED OR REPAIRED.
- 2. ALL WORK PERFORMED WILL MEET MANUFACTURER'S RECOMMENDATIONS, CROSS CONNECTION CONTROL STANDARDS, AND MOST RECENT LOCAL AND STATE PLUMBING CODES.
- 3. MEGA-LUGS ARE REQUIRED ON ALL MECHANICAL JOINT (MJ) CONNECTIONS. ADDITIONAL THRUST BLOCKING MAY BE REQUIRED TO RESTRAIN ASSEMBLY. IF SO, THRUST BLOCKING WILL BE DESIGNED BY A LICENSED ENGINEER AND SUBMITTED TO THE CITY FOR REVIEW, PRIOR TO CONSTRUCTION.
- 4. NO CONNECTIONS WILL BE ALLOWED UPSTREAM OF THE DEVICE.
- 5. THE BYPASS SHALL BE EQUIPPED WITH THE SAME TYPE (RPBA) AS THE MAIN LINE.
- 6. FROST PROTECTION IS REQUIRED.



City of Bremerton

PUBLIC WORKS

DESIGN/CONSTRUCTION STANDARDS

REDUCED PRESSURE BACKFLOW ASSEMBLY

**2" TO 10" RPBA
ABOVE GROUND INSTALLATION**

5043

Revision Date

9/15/14

Alteration of this drawing is prohibited. Any approval of an altered drawing is unauthorized and void.