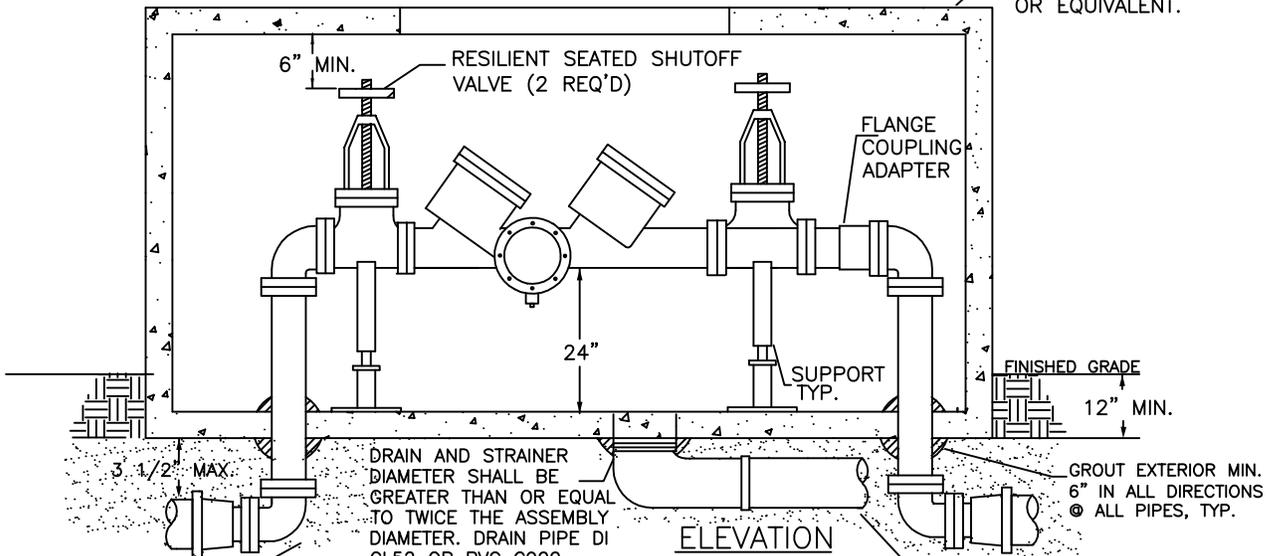


PLAN

HOT BOX,
CONCRETE VAULT
OR EQUIVALENT.



ELEVATION

ABOVE GROUND INSTALLATION ONLY

PIPE SIZE	RPBA	USE "UTILITY VAULT" SPECIFICATION OR OWNER APPROVED EQUAL
4"	4"	675 LA W/ 2-332P ACCESS HATCH
6"	6"	687 TL W/ 2-332P ACCESS HATCH
8"	8"	5106 LA W/ 2-332P ACCESS HATCH

NOTES:

- BACKFLOW ASSEMBLY SHALL BE USC APPROVED FOR WASHINGTON STATE.
- INSTALL ASSEMBLY IN HORIZONTAL POSITION. VERTICAL POSITION IS ALLOWED IF APPROVED BY WASHINGTON STATE DEPARTMENT OF HEALTH OR USC LIST FOR VERTICAL UP OR DOWN.
- BACKFLOW ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION AT OR WITHIN ONE FOOT OF THE PROPERTY LINE OR EASEMENT LINE AND ON THE OWNER'S PROPERTY UNLESS OTHERWISE APPROVED. DO NOT INSTALL IN AN AREA SUBJECT TO FLOODING.
- THE WATER LINE SHALL BE TESTED, DISINFECTED AND FLUSHED PRIOR TO INSTALLING THE BACKFLOW ASSEMBLY.
- ALL ENCLOSURES SHALL BE APPROVED PRIOR TO INSTALLATION.
- ALL PIPE, VALVES, AND FITTINGS FROM SUPPLY MAIN SHALL BE FLANGED OR FULLY RESTRAINED.
- THE BACKFLOW ASSEMBLY SHALL BE TESTED AFTER INSTALLATION AND PRIOR TO ACCEPTANCE AND ALSO ANNUALLY THEREAFTER BY A CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS SHALL BE SUBMITTED TO THE CITY OF BAINBRIDGE ISLAND, PUBLIC WORKS DEPARTMENT, OPERATIONS & MAINTENANCE DIVISION.
- MAINTAIN MINIMUM 24" CLEARANCE ON ALL SIDES AROUND THE BACKFLOW PREVENTER, EXCEPT AS SHOWN.

- PROVIDE AN ADEQUATE GRAVITY DRAINAGE SYSTEM TO DAYLIGHT.
- GROUT ALL VAULT PENETRATIONS WITH WATERTIGHT GROUT INSIDE AND OUTSIDE. BURY ALL RESTAINING RODS MIN. 2".
- PROVIDE ASSEMBLY AS A SINGLE MANUFACTURED UNIT.
- ALL FASTENERS SHALL BE HOT DIP GALVANIZED OR STAINLESS STEEL.



CITY OF BAINBRIDGE ISLAND
STANDARD DETAILS

ABOVE GROUND WITH UPSTREAM METER
REDUCED PRESSURE BACKFLOW ASSEMBLY
2 1/2" AND LARGER

REV.	CITY ENGINEER	DATE	DWG. NO. 10-165
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