



GENERAL NOTES:

1. WHERE PIPING PASSES THROUGH THE VAULT WALL, PROVIDE WATERPROOF MASTIC OR FLEXIBLE SEALANT.
2. DIAMETER OF PIPE AND FITTINGS TO BE DETERMINED BY A CERTIFIED SPRINKLER DESIGNER.
3. REFER TO DEVELOPMENT GUIDE FOR FURTHER INFORMATION.
4. THOROUGHLY FLUSH LINES PRIOR TO INSTALLING BACKFLOW ASSEMBLY.
5. DRAIN HOLES SHALL BE 1.5 TIMES THE DIAMETER OF THE SERVICE LINE AND INCLUDE SCREENING.
6. DO NOT INSTALL IN AREAS SUBJECT TO FLOODING.
7. ALL MAIN LINES UP TO THE FIRST VALVE ON THE RPBA'S SHALL BE DISINFECTED, PRESSURE TESTED, FLUSHED AND TESTED FOR PURITY PER THE CITY OF TUMWATER STANDARDS.
8. THE PLACEMENT OF THE HOT BOX SHALL BE IN AN AREA WHERE OBSTACLES SUCH AS GATES, ETC. WILL NOT DAMAGE IT.
9. PVC PIPE AND FITTINGS SHALL NOT BE ALLOWED.
10. ALL RPBA'S SHALL BE INSTALLED IN A HOT BOX TO PREVENT THE UNIT FROM FREEZING. THE HOT BOX MAY BE EQUIPPED WITH ELECTRICAL COMPONENTS (CONDUITS, WIRING, ETC.) AND POWER SUPPLIED BY THE OWNER WHEN NECESSARY OR REQUIRED.

MATERIAL LIST:

- ① PVC C900 OR CLASS 52 D.I. WALL PIPE FL X FL
- ② 90° BEND FL X MEG-A-LUG
- ③ 90° BEND FL X FL
- ④ OS&Y GATE VALVE W/HANDWHEEL FL X FL
- ⑤ D.S.H.S. APPROVED CHECK VALVE FL X FL
- ⑥ RELIEF VALVE FL
- ⑦ ADJUSTABLE SUPPORT STANDS
- ⑧ TEST COCKS - 4 REQUIRED

CITY OF TUMWATER, WASHINGTON DEPT. OF PUBLIC WORKS				
REDUCED PRESSURE BACKFLOW ASSEMBLY FOR 3" & GREATER				
APPROVED BY:				DWG. NO.
CITY ENGINEER				WA-38
DES.	DWG. BY	CK'D BY	DATE	NOT TO SCALE
PW	PW	KMC	JULY 2014	