



NOTES:

1. INSTALLATION OF THE FIRE SERVICE SHALL BE IN ACCORDANCE WITH AWWA C600.
2. INSTALL TEST PLATE AND JUMPER ASSEMBLY IN ACCORDANCE WITH STANDARD DETAIL W12
3. PIPES AND FITTINGS SHALL BE DUCTILE IRON CL250 MINIMUM FROM THE MAIN TO THE BURIED ELBOW DOWNSTREAM OF THE BACKFLOW PREVENTER
4. PLACE DETECTOR ASSEMBLY WITHIN 8' BEHIND BACK OF S/W. APPROVED DETECTOR ASSEMBLIES: AMES, FEBCO or CITY APPROVED EQUAL. CERTIFICATION BY AN AWWA LICENSED TESTER SHALL BE DELIVERED TO THE PUBLIC WORKS MAINTENANCE DIVISION. FOR FIRE LINES TWO (2") INCHES AND LARGER, USED EXCLUSIVELY FOR UNMETERED PRIVATE FIRE SERVICES, A DETECTOR CHECK VALVE OF A TYPE APPROVED BY THE NATIONAL BOARD OF FIRE UNDERWRITERS AND EQUIPPED WITH A BYPASS METER SHALL BE INSTALLED. SUCH INSTALLATIONS SHALL BE LOCATED WITHIN PUBLIC STREETS, ALLEYS, RIGHTS-OF-WAY, OR EASEMENTS.
5. FIRE SERVICE CONNECTION SHALL BE INSTALLED 18" FROM BACK OF S/W, 30' MIN./50' MAX. FROM A FIRE HYDRANT, AND PER THE FIRE DEPARTMENT'S REQUIREMENTS.
6. PROVIDE TEMPORARY BLIND FLANGE W/ BLOWOFF AT BUILDING. AFTER TESTING THE FIRE SERVICE FROM THE MAIN TO THE BUILDING, REMOVE FLANGE AND MAKE CONNECTION.
7. DISINFECTION OF THE FIRE SERVICE SHALL BE IN ACCORDANCE WITH AWWA C651.
8. TESTING THE FIRE SERVICE FROM THE WATER MAIN TO THE REDUCED PRESSURE DETECTOR ASSEMBLY SHALL BE COORDINATED WITH THE PUBLIC WORKS DEPARTMENT. IT SHALL CONSIST OF A 2 HOUR PRESSURE TEST AT 200 PSI AND A BACTERIA TEST AFTER THE FIRE SERVICE HAS BEEN SUFFICIENTLY FLUSHED.
9. TESTING FROM THE REDUCED PRESSURE DETECTOR ASSEMBLY TO AND WITHIN THE BUILDING SHALL BE COORDINATED WITH THE FIRE DEPARTMENT.
10. IF THE FIRE SERVICE CONNECTION SERVES MORE THAN ONE BUILDING, A POST INDICATOR VALVE IS REQUIRED FOR EACH BUILDING.
11. NO OTHER CONNECTIONS WILL BE ALLOWED ON A FIRE SERVICE.
12. ALL FIRE BACKFLOW PREVENTERS SHALL HAVE OUTSIDE STEM & YOKE VALVES

REDUCED PRESSURE DEVICE
OUTSIDE INSTALLATION

FIRE SERVICE CONNECTION

6/8/2011	REVISED NOTE 8. & 9.	SAL
1/27/10	ADDED TO NOTE 4.	SAL
DATE	REVISIONS	BY

CITY OF YUBA CITY	
STANDARD DETAIL	
W17	
<i>[Signature]</i> APPROVED	6/9/11 DATE