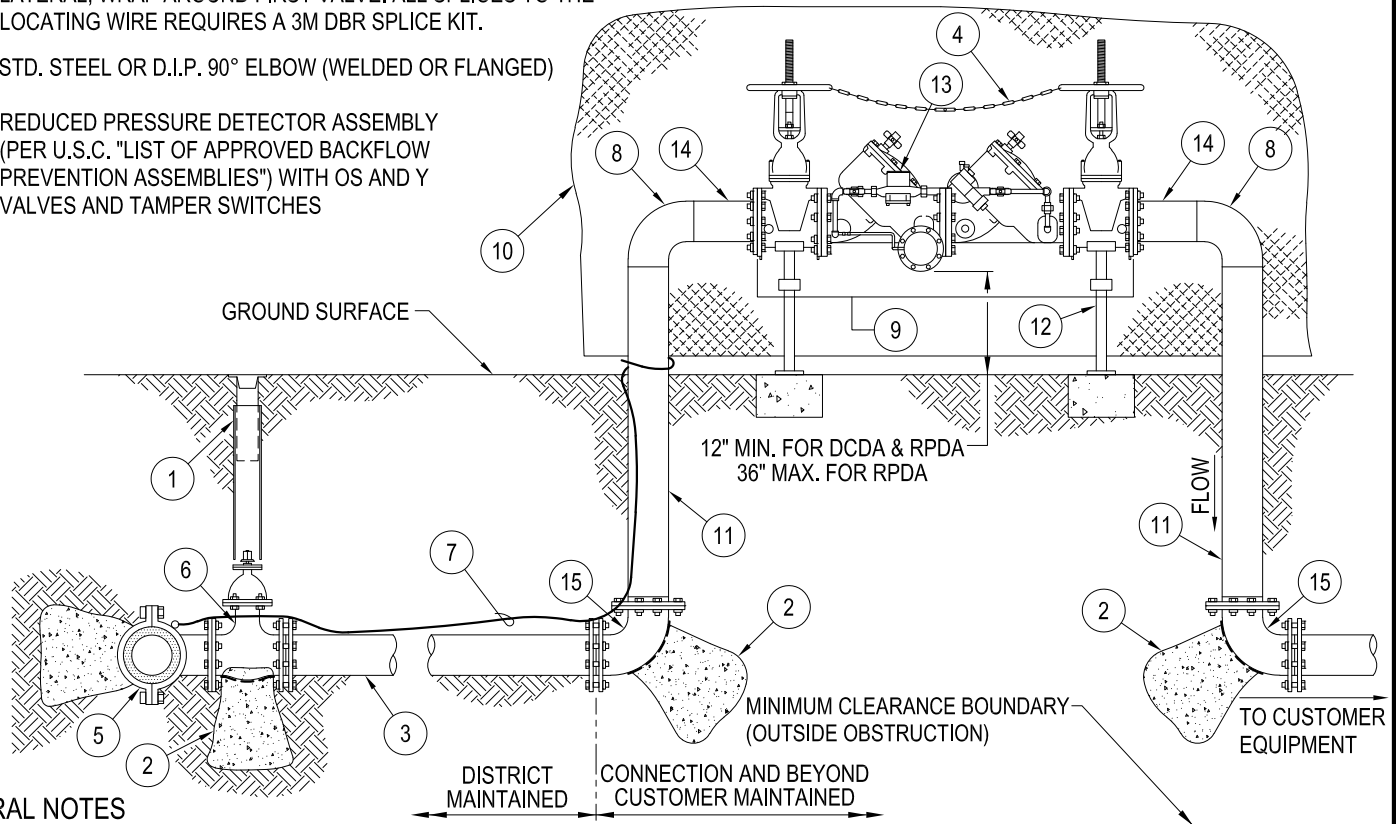


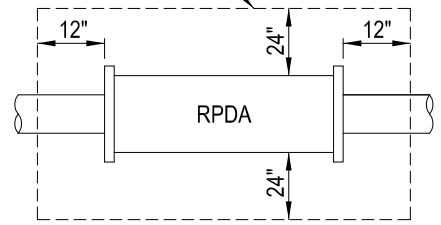
MATERIAL NOTES

- 1 VALVE CAN AND COVER PER STD. DWG. No. W-5
- 2 THRUST BLOCK (TYP.) PER STD. DWG. No. W-7
- 3 C-900 PVC OR D.I.P. PIPE (LENGTH VARIES) WITH ADAPTOR FLANGES AND RESTRAINT COUPLINGS (EBBA ADAPTORS AND RESTRAINT COUPLINGS OR PPHCSD APPROVED EQUAL)
- 4 INSTALL CHAIN WITH BREAK AWAY LOCKS (YALE 196)
- 5 TAPPING SLEEVE PER STD. DWG. No. W-12
- 6 RESILIENT WEDGE GATE VALVE (FLG x MJ) MUELLER A-2360-16 OR APPROVED EQUAL
- 7 14-GAUGE COATED COPPER LOCATING WIRE. CONNECT TO WATER MAIN LOCATING WIRE RUN ALONG FIRE SERVICE LATERAL, WRAP AROUND FIRST VALVE. ALL SPLICES TO THE LOCATING WIRE REQUIRES A 3M DBR SPLICE KIT.
- 8 STD. STEEL OR D.I.P. 90° ELBOW (WELDED OR FLANGED)
- 9 REDUCED PRESSURE DETECTOR ASSEMBLY (PER U.S.C. "LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES") WITH OS AND Y VALVES AND TAMPER SWITCHES
- 10 THERMAL INSULATING COVER WITH RESISTANT/WEATHER-PROOF EXTERIOR, TEAR-PROOF INTERIOR. BACKFLOW BUDDY, BDI, OR APPROVED EQUAL
- 11 STD. STEEL PIPE, WELDED (FLG x PE OR FLG x FLG)
- 12 ADJUSTABLE PIPE SUPPORT (REQUIRED FOR 6" AND LARGER)
- 13 BY-PASS LINE ASSEMBLY WITH 3/4" METER (TO BE READ IN CU. FT.) REDUCED PRESSURE PRINCIPLE ASSEMBLY FOR REDUCED DETECTOR ASSEMBLY.
- 14 STD. STEEL SPOOL, 6" MIN. IN LENGTH, WELDED (FLG x PE OR FLG x FLG)
- 15 DUCTILE IRON 90° ELBOW (MJ x FLG)



GENERAL NOTES

- 1. REDUCED PRESSURE DETECTOR BACKFLOW ASSEMBLY SHALL BE INSTALLED IN LOCATION APPROVED BY PPHCSD AND THE FIRE DEPARTMENT HAVING JURISDICTION
- 2. REDUCED PRESSURE DETECTOR BACKFLOW ASSEMBLY SHALL BE INSTALLED HORIZONTAL AND PLUMB
- 3. ASSEMBLIES MUST BE USC AND CDPH APPROVED
- 4. ALL ASSEMBLIES SHALL BE FLANGED
- 5. DETECTOR METER TO READ IN CUBIT FEET
- 6. GUARD POSTS (PER STD. DWG. No. W-17) REQUIRED IF INSTALLING WHERE ACCESSIBLE TO TRAFFIC
- 7. RESTRAIN ALL JOINTS
- 8. INSTALL THRUST BLOCK PER PPHCSD STD. DWG. No. W-7 AS REQUIRED
- 9. IT IS THE CUSTOMER'S RESPONSIBILITY TO PROTECT DEVICE FROM FREEZING TEMPERATURES AND TO PROVIDE ACCESS FOR TESTING
- 10. RPBD MUST BE TESTED BY A CERTIFIED BACKFLOW TESTER PRIOR TO WATER SERVICE BEING ACTIVATED. A COPY OF THE TEST MUST BE SUBMITTED TO THE INSPECTOR



Revised: April 22, 2020

RECOMMENDED BY:	REV.	DATE	BY
Engineering			
APPROVED BY:			
Operations			

**PHELAN PIÑON HILLS
 COMMUNITY SERVICES DISTRICT**
**4" TO 10" FIRE SERVICE - REDUCED
 PRESSURE DETECTOR ASSEMBLY**



STD. DWG. No.
W-15