



**NOTES:**

1. PALL PIPING SHALL BE RESSURE CLASS CL-350 DUCTILE IRON PIPE.
2. FLG x FLG FITTINGS OR FLG x MJ WITH MECHANICALLY RESTRAINED JOINTS (EBAA MEGALUG OR APPROVED EQUAL).
3. OS & Y R.S. GATE VALVES, LEFT IN NORMALLY OPEN POSITION.
4. MIN. OF 3/8" NON-CASE HARDENED CHAIN W/LOCK BETWEEN VALVES.
5. APPROVED DCDC BACKFLOW PREVENTION DEVICE (WATTS 709, AMES 3000SS, OR DISTRICT APPROVED EQUIVALENT).
6. PIPE SUPPORT, TYP. 2 (PHD 875 OR DISTRICT APPROVED EQUIVALENT).
7. WAFER CHECK VALVE (GROENIGER KWIK-CHECK 68G, OR EQUAL, PER FIRE DEPARTMENT REQUIREMENTS).
8. SIAMESE 45 DEGREE-FDC UL, FH APPROVED FDC (PER FIRE DEPARTMENT REQUIREMENTS).
9. 2-1/2" BRASS PLUGS.
10. 4" x 12" GALVANIZED NIPPLE W/4" GALVANIZED CAP.
11. THRUST BLOCKS PER DISTRICT REQUIREMENTS (SEE SHEET 12).
12. R.S. OR R.W. GATE VALVE REQUIRED ON FIRE LINES.
13. DETECTOR METER WITH DOUBLE CHECK VALVE. METER TO READ IN CUBIC FEET, WITH TOTALIZER.
14. INSTALL SCH 80 OR C900 PVC SLEEVE TO PROVIDE 1/4" ANNULAR GAP AT ALL PIPE PENETRATIONS
15. ANY DEVIATION FROM DESIGN SHALL BE APPROVED IN WRITING PRIOR TO PROJECT APPROVAL BY THE DISTRICT.
16. INSULATE WITH "WEATHER GUARD" INSULATION BLANKET OR DISTRICT APPROVED EQUIVALENT.
17. BACKFLOW TEST REQUIRED AT TIME OF WATER ACTIVATION.
18. CONNECTIONS WITH ONSITE BOOSTER PUMPS SHALL INCORPORATE A PRESSURE SUSTAINING CONTROL VAVLE SET SO THE PUBLIC WATER SUPPLY WILL NOT DROP BELOW 20 PSI. SUBMIT DESIGN TO DISTRICT ENGINEER FOR PRE-APPROVAL.

NO	DATE	REVISIONS	APP	BY



**DOUBLE CHECK DETECTOR CHECK  
FIRE DEPT. CONNECTION**  
SAN JUAN WATER DISTRICT

APPROVED		
_____		
SCALE: NTS	PRINT DATE: 04/17/07	DETAIL NO: SHT 23 OF 27