


NOTES:

1. INSTALL A 12" AIR GAP MINIMUM BETWEEN FINISHED GRADE AND DOUBLE CHECK DETECTOR ASSEMBLY.
2. ALL CONNECTIONS ON ASSEMBLY SHALL BE FLANGED FITTINGS.
3. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE AN APPROVED DEVICE BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES. (SOME APPROVED EXAMPLES INCLUDE: AMES 3000SS, FEBCO 876, WILKINS 350DA, ETC.)
4. FIRE DEPARTMENT CONNECTION MUST BE LOCATED WITHIN 30 FEET OF A FIRE HYDRANT.
5. FIRE DEPARTMENT CONNECTION MUST INCLUDE THE FOLLOWING:
 - A. ONE INLINE CHECK VALVE (KIDDE FIRE MODEL #202) OR APPROVED EQUAL.
 - B. ONE FIRE DEPARTMENT CONNECTION (PART # ASC 9181 - 90 DEGREE PATTERN, TWO 2-1/2" NST FEMALE INLET WITH A 4" NPT THREAD FEMALE OUTLET), OR APPROVED EQUAL.
 - C. LOCKING COVERS FOR FIRE DEPARTMENTS CONNECTION (KNOX FDC CAP MODEL # 3010 OR # 3011), OR APPROVED EQUAL. KNOX FDC CAP KEYS SHALL BE TURNED OVER TO THE FIRE DEPARTMENT UPON FIRE SYSTEM APPROVAL.
6. ONCE SYSTEM IS INSTALLED AND FUNCTIONING THE GATE VALVES SHOULD BE CHAINED AND LOCKED OPEN.

NO.	REVISED	BY
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V:\25_City of Ripon Standards\Standard Specifications\Drawings\Water\W-24.dwg		

**Fire Sprinkler Connection
Located More Than 30 Feet
from Nearest Fire Hydrant**

CITY OF RIPON

APPROVED

 CITY ENGINEER RCE-28191
 DATE: 2-2-99
 STANDARD NO. **W-24**