



ELEVATION

SIDE VIEW

CROSS-CONNECTION HAZARD CLASSIFICATION DESCRIPTION:

- CLASS 1 - DIRECT CONNECTIONS FROM PUBLIC WATER MAINS ONLY; NO PUMPS, TANKS, OR RESERVOIRS; NO PHYSICAL CONNECTION FROM OTHER WATER SUPPLIES; NO ANTIFREEZE OR OTHER ADDITIVES OF ANY KIND; ALL SPRINKLER DRAINS DISCHARGING TO ATMOSPHERE, DRY WELLS, OR OTHER SAFE OUTLETS.
- CLASS 2 - SAME AS CLASS 1, EXCEPT THAT BOOSTER PUMPS MAY BE INSTALLED IN THE CONNECTIONS FROM THE STREET MAINS. (BOOSTER PUMPS DO NOT AFFECT THE POTABILITY OF THE SYSTEM. IT IS NECESSARY, HOWEVER, TO AVOID DRAFTING SO MUCH WATER THAT PRESSURE IN THE WATER MAIN IS REDUCED BELOW 20 PSI)

APPROVED DETECTOR CHECK VALVE ASSEMBLIES FOR VERTICAL INSTALLATION

MANUFACTURER	MODEL NO.	APPROVED SIZES
AMES	3000 CIV	4", 6", 8", 10"
FEBCO	856	4", 6", 8"
WILKINS	950DA	4", 6", 8"

ALL ABOVE ASSEMBLIES ARE LISTED IN ALPHABETICAL ORDER. THERE IS NOT AN IMPLIED PREFERENCE FOR ASSEMBLIES.

NOTES:

1. FOR WATER CONNECTION TO MAIN, SEE STD. WD-03
2. CONTRACTOR TO CONTACT WATER-GAS-WASTEWATER OPERATIONS, 496-6982 FOR INFORMATION TO PICK UP METER.
3. DETECTOR CHECK VALVE SHALL BE INSTALLED ON THE OWNER'S PROPERTY.
4. MINIMUM INSTALLATION, TESTING, AND CLEARANCE STANDARDS OF COMPLIANCE: NFPA, UPC, AND UFC.
5. WATER CONTAINED IN FIRE SPRINKLER SYSTEMS SHALL NOT BE DRAINED INTO CITY STORM DRAINS.
6. THIS STANDARD DETAIL SHALL NOT BE USED IN PLACE OF STD. DWG WD-03 UNLESS OTHERWISE APPROVED BY W-G-W UTILITIES DEPARTMENT.
7. FOR CROSS-CONNECTION HAZARD CLASSIFICATIONS OTHER THAN CLASS 1 & 2, REFER TO STD. DWG WD-18.
8. FIRE SPRINKLER SYSTEM INSTALLATION SHALL BE DONE BY A C-16 STATE LICENSED FIRE SPRINKLER SYSTEM CONTRACTOR.
9. DETECTOR METER SHALL BE EASILY ACCESSIBLE TO METER READERS AT ALL TIMES.

BY	DATE	CROSS-CONNECTION HAZARD CLASSIFICATION 1 & 2 DOUBLE CHECK DETECTOR - DCD STANDARD DETAIL FOR VERTICAL INSTALLATIONS	APPROVED:	SCALE:
DRAWN	B.C. 4/95		OCTOBER, 30 1995	NONE
CHECKED	R.A. 4/95		<i>Roger Cwiak</i> ROGER CWIAK CHIEF ENGINEER	34533 R.E. NO.
REVIEWED	C.B. 4/95	CITY OF PALO ALTO, CALIFORNIA	REVISION:	APPENDIX B
			SEPTEMBER 8, 2005	