



AUGUST 2005

CITY OF CHINO HILLS

Revised: / /	by:
Revised: / /	by:
Revised: / /	by:

Approved by:

CITY ENGINEER

**PRIVATE FIRE SERVICE
(DETECTOR CHECK)**

W-15

LIST OF MATERIALS

ITEM	DESCRIPTION
①	DUCTILE-IRON PIPE, FLG X FLG MORTAR LINED
②	RESILIENT WEDGE GATE VALVE OS&Y FLG X FLG
③	DOUBLE DETECTOR CHECK ASSEMBLY, BACKFLOW PREVENTION DEVICE CLA-VAL.CO MODEL D OR APPROVED EQUAL.
④	90° DI ELBOW, FLG X FLG, MORTAR LINED
⑤	90° DI ELBOW, FLG X PUSH ON, MORTAR LINED
⑥	OPTIONAL DI TEE, MORTAR LINED, AND 2 1/2" X 2 1/2" SIAMESE FIRE DEPT. CONNECTION AS REQUESTED BY FIRE MARSHAL
⑦	ADJUSTABLE PIPE SUPPORT (SEE STD. SPEC W-18)
⑧	THRUST BLOCK PER W-3

GENERAL NOTES

1. ONLY THOSE BACKFLOW PREVENTION DEVICES APPROVED BY THE DEPARTMENT OF HEALTH SERVICES SHALL BE ACCEPTABLE FOR USE IN THE CITY.
2. CONNECTION TO CITY OWNED FACILITIES WILL NOT BE PERMITTED UNTIL ALL NECESSARY EASEMENTS HAVE BEEN DEDICATED TO THE CITY. ALL FEES PAID AND PLANS APPROVED.
3. CONNECTION TO CITY OWNED FACILITIES WILL NOT BE PERMITTED UNTIL THE ON-SITE SYSTEMS HAVE BEEN TESTED AND DISINFECTED IN ACCORDANCE WITH CITY STANDARDS.
4. ALL FERROUS METAL SURFACES, EXCLUSIVE OF STAINLESS STEEL, IN THE WATER PASSAGES OF DETECTOR CHECK ASSEMBLY SHALL BE EPOXY COATED IN ACCORDANCE WITH STANDARD SPECIAL PROVISIONS.
5. THE FIRE DEPT. CONNECTION (IF USED) SHALL BE CLEANED, PRIMED AND PAINTED WITH TWO (2) COATS OF OSHA RED, AS REQUIRED BY THE FIRE MARSHAL, AND APPLIED IN ACCORDANCE WITH PART 3, SECTION 2-13.
6. ABOVE GROUND FIRE SERVICE AND BACKFLOW ASSEMBLIES THAT DO NOT INCLUDE A FIRE DEPARTMENT CONNECTION (FDC) SHALL BE SCREENED. NO FDC WILL BE PERMITTED BEHIND THE SCREENED AREA. THE FDC MUST BE AT A HIGHLY VISIBLE LOCATION OUTSIDE OF THE SCREENED AREA.
7. THE PRIVATE FIRE SERVICE GATE VALVES SHALL BE IDENTIFIED AT THE STREET BY RED CURB, WITH THE LETTERS "FIRE SERVICE VALVES" PAINTED IN WHITE.
8. GATE VALVES SHALL BE LOCKED IN OPEN POSITION WITH CHAIN AND PADLOCK.
9. ABOVE GROUND ASSEMBLY, WITH THE EXCEPTION OF THE FIRE DEPT. CONNECTION, SHALL BE PAINTED WITH TWO (2) COATS OF COLOR APPROVED BY THE CITY OF CHINO HILLS PLANNING DEPT. AND APPLIED IN ACCORDANCE WITH PART 3, SECTION 2-13.
10. OPERATION, MAINTENANCE, AND ANNUAL OPERATION CERTIFICATION SHALL BE RESPONSIBILITY OF THE CUSTOMER.

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