



• WATER WILL NOT BE TURNED ON UNTIL BACKFLOW ASSEMBLY HAS BEEN TESTED AND APPROVED.

- ① FLANGE BY RUBBER GASKET, RESILIENT WEDGE GATE VALVE.
- ② FLANGE TEE FOR DOMESTIC WATER SERVICE (OPTIONAL). SEE STD DTL #502 OR #503.
- ③ CLASS "A" CONCRETE THRUST BLOCK WITH ONE PIECE OF #4 REBAR IN MIDDLE OF CONCRETE.
- ④ SPOOL OR DUCTILE IRON PIPE WITH UNIFLANGE.
- ⑤ DOUBLE CHECK DETECTOR ASSEMBLY OR REDUCED PRESSURE DETECTOR ASSEMBLY WITH OS&Y RESILIENT WEDGE GATE VALVES WILL BE REQUIRED DEPENDING ON DEGREE OF HAZARD AS DETERMINED BY THE CITY. REFER TO CURRENT LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES PUBLISHED BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES.
- ⑥ GATE VALVE USED ONLY WHEN OPTIONAL DOMESTIC TEE HAS BEEN INSTALLED.
- ⑦ BY-PASS WILL HAVE APPROVED BACKFLOW ASSEMBLY. METER ON BY-PASS SHALL BE INVENSYS SRII TYPE WITH ALL BRONZE BODY STRAIGHT READ (IN CF).
- ⑧ 8 MIL WRAP WITH 10 MIL TAPE TO ABOVE FINISH GRADE.
- ⑨ 6" CLASS "A" CONCRETE PAD.
- ⑩ 12" MIN. (TYP. ALL SIDES) OR AS NECESSARY TO ACCOMMODATE BACKFLOW ENCLOSURE.

NOTES:

- A. ALL FITTINGS AND PIPE SHALL BE DUCTILE IRON.
- B. ALL PIPE BELOW GROUND MUST BE WRAPPED WITH 8 MIL POLYETHYLENE ENCASEMENT.
- C. WATER SHALL NOT BE TURNED ON UNTIL DEVICE IS TESTED BY A CERTIFIED TESTER ON PUBLIC WORKS 'BACKFLOW TESTERS LIST' AND APPROVED BY THE CITY.
- D. INSTALL INSULATED CLAM SHELL OR 4-DOOR TYPE BLACKFLOW ENCLOSURE AROUND THE ENTIRE ASSEMBLY AS MANUFACTURED BY PLACER WATERWORKS OR APPROVED EQUAL WHEN REQUIRED BY THE CITY.

THE CITY OF WEST SACRAMENTO – STANDARD DETAIL

APPROVED BY:  CITY ENGINEER	C-38733 P.E. NO.	3/31/05 DATE	TITLE: SERVICE LATERAL & FIRE BACKFLOW ASSEMBLY W/DOMESTIC TEE FOR COMBINATION SERVICE	
REVISION:			<div style="border: 1px solid black; padding: 5px; display: inline-block;"> STANDARD DETAIL #: 504 </div>	
REVISION:				
REVISION:				
REVISION:				