



**NOTES**

1. PRIME AND WRAP BURIED PIPE TO 6" ABOVE GRADE WITH POLYKEN #927 AND #900, OR APPROVED EQUAL.
2. CITY FORCES WILL BLIND FLANGE CONNECTION POINT. WATER INSPECTOR IS TO BE PRESENT WHEN BLIND FLANGE IS REMOVED AND DETECTOR ASSEMBLY IS INSTALLED.
3. FACILITIES TO BE DISINFECTED PER RPU SPECIFICATION 205, PART 7.
4. CONTRACTOR TO SWAB CONNECTING VALVES WITH 600 PPM CHLORINE WHEN MAKING CONNECTION.
5. CONTRACTOR TO PAINT ALL ABOVE GRADE PIPING AND DETECTOR ASSEMBLY.
6. FOR 10" DETECTOR ASSEMBLY INSTALL 12" LATERAL AND PIPING. CUSTOMER TO SUPPLY 12" X 10" FLANGED REDUCERS ON BOTH SIDES OF DETECTOR ASSEMBLY.
7. THE DETECTOR ASSEMBLY SPECIFICATION SHALL BE DETERMINED AFTER SURVEY OR PLAN REVIEW OF THE FIRE SYSTEM BY THE BACKFLOW PROGRAM SPECIALIST. BACKFLOW PROGRAM SPECIALIST CAN BE REACHED AT (951) 351-6282 OR (951) 351-6167.
8. FOR DETECTOR ASSEMBLY CLEARANCE REQUIREMENTS REFER TO CWD-616-1 AND CWD-617.
9. RESTRAIN ALL JOINTS WITH APPROVED RESTRAINT ASSEMBLY.
10. FIRE SERVICE BACKFLOWS SHALL BE EQUIPPED WITH RESILIENT SEATED OS&Y GATE VALVES.
11. BACTERIOLOGICAL TESTING OF PIPING BETWEEN BACKFLOW DEVICE AND SERVICE VALVE SHALL CONFORM TO CITY OF RIVERSIDE WATER RULE NO. 11.

MATERIALS	
ITEM	
①	DUCTILE IRON PIPE (CLASS 350)
②	90° ELL (MJ X MJ, RESTRAINED).
③	GATE VALVE (FLG X MJ).
④	TEMPORARY BLIND FLANGE WITH 1" NPT TAP AND 1" BALL CORPORATION STOP FOR SAMPLE (BY CITY FORCES).
⑤	FLANGE X MECHANICAL JOINT ADAPTER, AS REQUIRED.
⑥	4" MIN. CONCRETE SLAB-NECESSARY FOR EROSION PREVENTION
⑦	TEST PLATE REQUIRED FOR PRESSURE TEST.

APPROVALS		
DIVISION	INITIAL	DATE
PLANNING	B. YAMAMOTO	8/25/22
DESIGN	J. FARLEY	8/25/22
CONTRACT ADMIN.	E. ESCOBAR	8/25/22
OPERATIONS	R. GLENNEY	8/25/22



**WATER**  
**DISTRIBUTION & TRANSMISSION**  
**PIPELINE CONSTRUCTION METHODS**

**4" THROUGH 12" ABOVE GROUND**  
**FIRE SERVICE**