

PIV AND FDC ABUTTED TO RPDA

NOTES:

- POST INDICATOR VALVE AND ASSEMBLY SHALL BE PLUMB.
- BOLT TORQUE ON ALL FITTINGS SHALL CONFIRM TO MANUFACTURER'S SPECIFICATIONS.
- CONTACT UNDERGROUND SERVICE ALERT 48 HOURS PRIOR TO INSTALLING BARRICADES. 1 (800) 642-2444 OR 811
- CONTACT CITRUS HEIGHTS WATER DISTRICT FOR REBAR INSPECTION PRIOR TO POURING CONCRETE AND PRIOR TO INSTALLING BARRICADES. (916) 725-6873
- MATERIAL BELOW AGGREGATE BASE SHALL BE COMPACTED TO 90% MINIMUM.
- REINFORCED CONCRETE PAD SHALL BE FINISHED WITH AN EDGING TOOL AROUND THE ENTIRE PERIMETER AND BROOMED AT RIGHT ANGLES TO THE DIRECTION OF TRAVEL.
- INSTALL TAMPER SWITCHES ON BOTH OS&Y VALVES AND PIV WITH CONDUIT THROUGH CONCRETE PAD PER SACRAMENTO METRO FIRE DISTRICT STANDARDS.
- PAINT FIRE SPRINKLER CONNECTION USING A MANUFACTURER'S RECOMMENDED PRIMER, FINISH WITH RUSTOLEUM GLOSS WHITE, TWO COATS MINIMUM. PRIOR TO PAINTING, CLEAN ALL SURFACES WITH SOAP AND WATER USING AN ABRASIVE PAD.
- RPDA SHALL BE TESTED BY A SACRAMENTO COUNTY CERTIFIED BACKFLOW PREVENTION ASSEMBLY TESTER PRIOR TO DISTRICT ACCEPTANCE OF FACILITIES.

1	POST INDICATOR VALVE & DIP POST (PIV) - FLANGE x MECHANICAL JOINT RESILIENT WEDGE - W/ BREAKABLE SHACKLE LOCK	17	4' x 2 @ 2 1/2" FIRE DEPARTMENT CONNECTION (FDC) W/ METALLIC BREAKABLE CAPS
2	TAMPER SWITCH AND CONDUIT - OWNED AND MAINTAINED BY CUSTOMER	18	4' x 18" GALVANIZED NIPPLE
3	90° ELBOW - DUCTILE IRON, FLANGE x MECHANICAL JOINT	19	4" GALVANIZED CAP
4	DUCTILE IRON PIPE - FLANGE x PLAIN END, CL53	20	REINFORCED CONCRETE PAD - 4" THICK x 36' WIDE, TYPE II SIX-SACK PORTLAND CEMENT
5	90° ELBOW - DUCTILE IRON, FLANGE x FLANGE		
6	REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) WITH BRASS PLUGS INSTALLED IN ALL TEST COCKS - SHALL INCLUDE 3/4" BYPASS LESS METER (5/8" x 3/4" NEPTUNE RADIO READ METER BY DISTRICT). AMES C500 W/OS&Y VALVES OR WATTS 957RPDA W/OS&Y VALVES.	21	3/4" CLASS 2 AGGREGATE BASE - 2" MINIMUM, MECHANICALLY COMPACTED TO 90%
		22	CONCRETE DOBIE W/ WIRE - 3' x 3' x 2"
		23	3/8" (#3) REBAR - 2" INSIDE PERIMETER
7	TEE - DUCTILE IRON, ALL FLANGED	24	ASPHALT SATURATED ORGANIC FELT - (ROOFING PAPER) ASTM 30, 2 LAYERS AROUND PIPE
8	90° ELBOW - DUCTILE IRON, MECHANICAL JOINT x MECHANICAL JOINT		
9	COMPANION FLANGE - DUCTILE IRON, FLANGE x 4" FIP	25	SUPPORT STAND - PLACER WATER WORKS OR EQUAL, STANDARD SADDLE HEIGHT DETERMINED IN FIELD
10	4' GALVANIZED NIPPLE (ADJUST LENGTH TO ACHIEVE 36" HEIGHT)		
11	4" QUICK CHECK VALVE - FM-UL APPROVED	26	WEATHER FREEZE BAG W/ LOCK - POLAR BAG W/ CALLIOPHE FABRIC (8-YEAR WARRANTY)
12	4" GALVANIZED 90° ELBOW	27	CONCRETE BRICK - 2 1/4" x 3 3/4" x 7 1/2"
13	4" x 4" GALVANIZED NIPPLE	28	CONCRETE THRUST BLOCK - TYPE II SIX-SACK PORTLAND CEMENT
14	4" GALVANIZED TEE	29	#10 INSULATED COPPER LOCATOR WIRE EXTENDED 6" ABOVE CONCRETE PAD
15	4" x CLOSE GALVANIZED NIPPLE	30	3/8" NON-CASE HARDENED CHAIN AND BREAKABLE SHACKLE LOCK
16	4" GALVANIZED 45° ELBOW		



**CITRUS
HEIGHTS
WATER
DISTRICT**

4", 6", 8" FIRE SPRINKLER CONNECTION

CITRUS HEIGHTS WATER DISTRICT

APPROVED BY:

Robert A. [Signature]

DATE: 4/13/2009

CITRUS HEIGHTS WATER DISTRICT

DRAWN: 13 APR 2009

REVISED:

SCALE: N.T.S.

DESIGN: P.A.D.

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DETAIL FOR CONSTRUCTION IN:
SACRAMENTO METRO FIRE DISTRICT