

VALVE AND FDC ABUTTED TO RPDA

NOTES:

- VALVE BOX AND LID SHALL BE PER CHWD DETAIL VB_811.
- BOLT TORQUE ON ALL FITTINGS SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS.
- CONTACT CITRUS HEIGHTS WATER DISTRICT FOR REBAR INSPECTION PRIOR TO POURING CONCRETE. (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 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 CHWD CERTIFIED BACKFLOW PREVENTION ASSEMBLY TESTER PRIOR TO DISTRICT ACCEPTANCE OF FACILITIES.
- RPDA SHALL BE APPROVED BY THE FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA.

1	FLANGE x MECHANICAL JOINT RESILIENT WEDGE GATE VALVE, VALVE RISER, AND VALVE BOX WITH LID	18	4' x 2 @ 2 1/2' FIRE DEPARTMENT CONNECTION (FDC) W/ METALLIC BREAKABLE CAPS. PAINT WHITE.
2	TAMPER SWITCH AND CONDUIT - OWNED AND MAINTAINED BY CUSTOMER	19	4' x 18' GALVANIZED NIPPLE
3	6' LONG FLANGED SPOOL	20	4' GALVANIZED CAP
4	90° ELBOW - DUCTILE IRON, FLANGE x MECHANICAL JOINT	21	REINFORCED CONCRETE PAD - 4' THICK x 36' WIDE, TYPE II SIX-SACK PORTLAND CEMENT
5	DUCTILE IRON PIPE - FLANGE x PLAIN END, CL53		
6	90° ELBOW - DUCTILE IRON, FLANGE x FLANGE	22	3/4" CLASS 2 AGGREGATE BASE - 2" MINIMUM, MECHANICALLY COMPACTED TO 90%
7	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 WATER METER BY DISTRICT). WILKINS 375ADA w/OS&Y VALVES OR EQUAL.	23	CONCRETE DOBBIE w/ WIRE
		24	3/8" (#3) REBAR - 2" INSIDE PERIMETER
		25	ASPHALT SATURATED ORGANIC FELT - (ROOFING PAPER) ASTM 30, 2 LAYERS AROUND PIPE
8	TEE - DUCTILE IRON, ALL FLANGED	26	SUPPORT STAND - PLACER WATER WORKS OR EQUAL, STANDARD SADDLE HEIGHT DETERMINED IN FIELD
9	90° ELBOW - DUCTILE IRON, MECHANICAL JOINT x MECHANICAL JOINT		
10	COMPANION FLANGE - DUCTILE IRON, FLANGE x 4' FTP	27	WEATHER FREEZE BAG w/ LOCK - POLAR BAG w/ CALLIOPE FABRIC (8-YEAR WARRANTY). CONTACT ROSEVILLE AUTO UPHOLSTERY.
11	4' GALVANIZED NIPPLE (ADJUST LENGTH TO ACHIEVE 36' HEIGHT)		
12	4' QUICK CHECK VALVE - FM-UL APPROVED	28	CONCRETE BRICK - 2 1/4' x 3 3/4' x 7 1/2'
13	4' GALVANIZED 90° ELBOW	29	CONCRETE THRUST BLOCK - SEE DETAIL TB_001
14	4' x 4' GALVANIZED NIPPLE	30	#10 INSULATED COPPER LOCATOR WIRE w/ HOSE CLAMP 6' ABOVE CONCRETE PAD
15	4' GALVANIZED TEE	31	3/8" NON-CASE HARDENED CHAIN AND BREAKABLE SHACKLE LOCK
16	4' x CLOSE GALVANIZED NIPPLE		
17	4' GALVANIZED 45° ELBOW		



**CITRUS
HEIGHTS
WATER
DISTRICT**

4", 6", 8" FIRE SPRINKLER CONNECTION

CITRUS HEIGHTS WATER DISTRICT

APPROVED BY:

Melina Ricci

DATE: 07/22/2020

CITRUS HEIGHTS WATER DISTRICT

DETAIL FOR CONSTRUCTION IN:
SACRAMENTO METRO FIRE DISTRICT

DRAWN: 15 JUL 2020

REVISED:

SCALE: N.T.S.

DESIGN: T.A.D.

CAD FILE: FP_650_1.DWG

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