



ITEM	DESCRIPTION
1	MAINLINE DIA. X 4" DIA (A.W.W.A.) FLANGED OUTLET TEE PER STD. C-6.
2	VALVE BOX & 4" GATE VALVE INSTALLATION PER J.C.S.D. STD. DWG. NO. B-1.
3	150# SLIP ON FLANGE (TYPICAL).
4	4" DIA. CML/CMC W.S.P. (10 GA. MIN.)
5	4" x 3" "FLAT TOP" FLANGED REDUCER CML/CMC (10 GA. MIN.)
6	3" STEEL CML/CMC PIPE (10 GA. MIN.)
7	REMOVE AN ADEQUATE AMOUNT OF CMC TO ALLOW PROPER INSTALLATION OF THE FLANGED COUPLING ADAPTOR. PAINT BARE METAL PER NOTE 5.
8	2" BRASS PIPE BY-PASS PIPE. (ONLY WHERE REQUIRED BY DISTRICT).
9	KNOCKOUTS AS REQUIRED (2" LARGER THAN PIPE SIZE O.D. ALL AROUND) DRY PACK ALL AROUND PIPE.
10	2" BRASS NIPPLE, THREADED ONE END (12" LONG).
11	3" METER WITH RADIOREAD (FURNISHED BY DEVELOPER AS APPROVED BY DISTRICT.)
12	2" BRASS NIPPLE (THREADED BOTH ENDS).
13	FLANGED COUPLING ADAPTOR, SMITH-BLAIR NO. 913 OR APPROVED EQUAL.
14	2" COUPLING/REINFORCEMENT PER STD. D-6.
15	2" BRASS THREAD x SOCKET ADAPTOR.
16	2" BRONZE HEAVY DUTY CURB STOP (INSIDE I.P.T. x INSIDE I.P.T.) WITH VALVE BOX PER STD B-1.
17	PIPE SUPPORT PER J.C.S.D. STD. DWG. NO. A-5.
18	PRE-CAST CONC. VAULT 5'x6' W/2 PIECE 4'x 6' TORSION HINGED GALV. OR ALUM. COVER, W/6"x 6" METER READING LID, QUICKSET OR APPR'D. EQUAL. COVER TO BE SPECIFIED FOR TRAFFIC LOADS WHERE REQ'D. COVERS TO BE EQUIPPED WITH SAFETY CHAINS TO LIMIT COVER TRAVEL TO A MAXIMUM OF 10" BEYOND THE VERTICAL POSITION WHEN FULLY OPENED. NOTE: DEPENDENT UPON SELECTED METER DIMENSIONS VAULT SIZE MAY NEED TO BE INCREASED TO MAINTAIN MINIMUM INTERNAL CLEARANCE DIMENSIONS SHOWN.
19	2" BRASS ELBOW
20	3" DIA. STRAINER
21	6" DIA. SUMP

NOTES:

1. THE WATER SERVICE VAULT SHALL BE LOCATED & INSTALLED SUBJECT TO APPROVAL OF THE DISTRICT. WHERE VAULT IS INSTALLED IN PARKWAY WITH CURB & SIDEWALK, THE VAULT SHALL BE PLACED PARALLEL TO THE CURB LINE & PIPING.
2. ADJUST VAULT AND COVER TO MEET SIDEWALK AND CURB GRADE.
3. ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON EPOXY LINED STD. WT. PIPE SHALL BE SHOP FABRICATED AND ALL EPOXY LINING SHALL BE SHOP APPLIED.
4. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH APPROVED JOINT COMPOUND.
5. ALL BARE METAL INSIDE THE VAULT SHALL BE PAINTED WITH PRIMER AND TWO (2) COATS OF PAINT PER DISTRICT SPECIFICATIONS. NO PRIMER ON BRASS OR BRONZE.
6. SHOULD THE DEPTH OF THE VAULT EXCEED FOUR (4) FEET, AN OSHA APPROVED LADDER ATTACHED TO AN INSIDE WALL SHALL BE PROVIDED. THE LOCATION OF THE LADDER SHALL BE AS DIRECTED BY THE DISTRICT.

* ONLY IF REQUIRED; AT OPTION OF DISTRICT. IF NO BY-PASS IS INSTALLED THE 4" DIA. GATE VALVE DOWNSTREAM OF THE METER IS NOT REQUIRED AND THE DISTRICT'S MAINTENANCE STOPS AT THE METER.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE:	3" WATER SERVICE METER	DRAWING NO.
DATE: SEPTEMBER 2020		D-4
APPROVED BY: <i>Albert A. Webb</i> Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
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REV.