

CITY OF
WEST SACRAMENTO

2021 Amendment # 1

October 2021

Amendment of:

Standard Detail #501

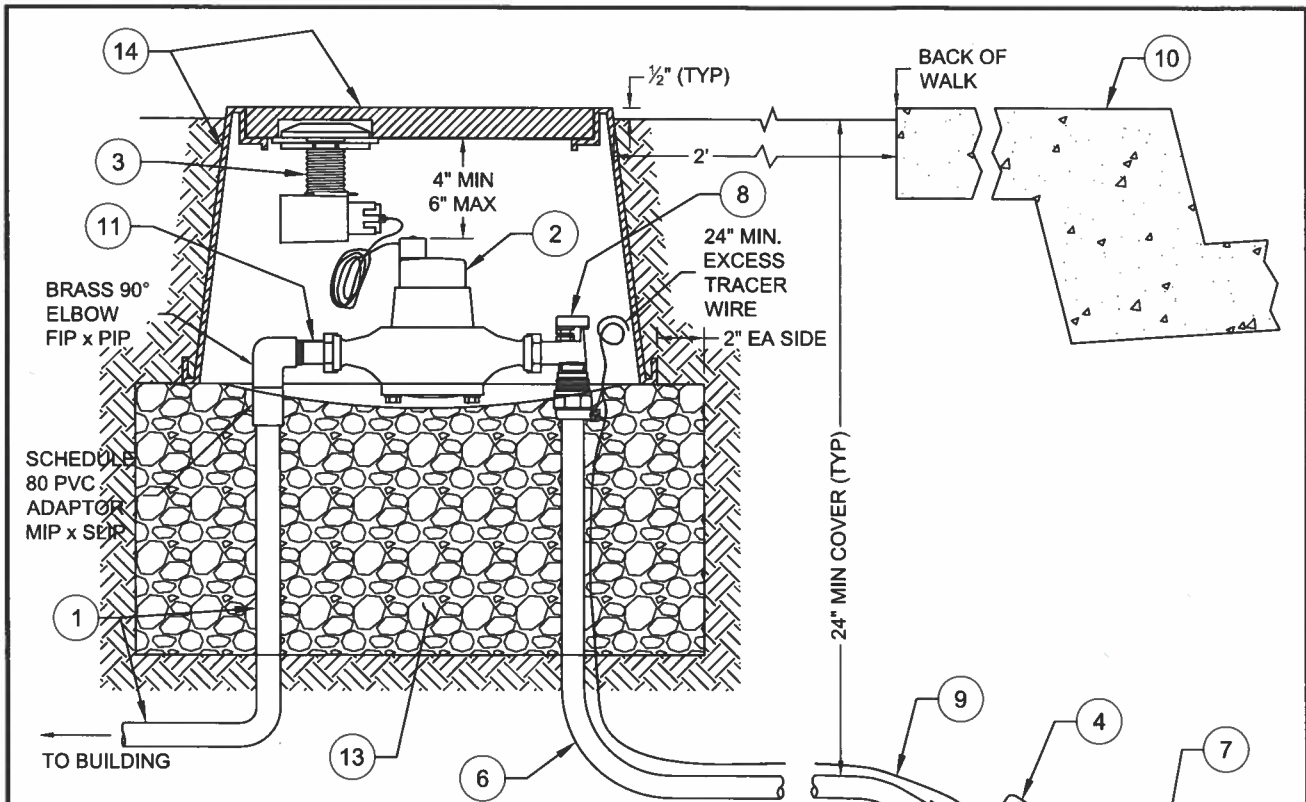
City of West Sacramento
Standard Specifications 2002

Effective October 13, 2021

The following amendment represents a minor revision to the “Community Development Department Engineering Division Standard Specifications 2002”. This amendment supersedes the prior document. Therefore, it is recommended that all Standard Specifications holders insert this packet into the front of the “Community Development Department Engineering Division Standard Specifications 2002” and refer to them as necessary.

Mark Collier, P.E. No. 54031
Principal Civil Engineer

10/13/21
Date



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| 1 | SCHEDULE 80 PVC, OR AS APPROVED BY THE CITY ENGINEER. | 9 | TRACER WIRE, #10 AWG SOLID COPPER WIRE WITH U.S.E. RATED INSULATION, COLOR BLUE. |
| 2 | "SENSUS" WATER METER MODEL SRII-EB SERIES WITH ENCODED REGISTER FOR 3/4 INCH TO 1 INCH. | 10 | STAMP OR CHISEL A 2" x 2" LETTER "W" INTO THE TOP OF CURB DIRECTLY ABOVE THE HORIZONTAL LOCATION OF THE WATER SERVICE LINE |
| 3 | "SENSUS" MODEL 520M FLEXNET SMARTPOINT M2 RADIO TRANSCEIVER (MXU) MOUNTED ON A MOLDED SLIDE MOUNT BRACKET LOCATED ON THE BOTTOM SIDE OF THE LID. | 11 | BRASS PIGTAIL, STRAIGHT METER COUPLING WITH MALE I.P.T. |
| 4 | BALL CORPORATION STOP. | 12 | WATERMAIN. |
| 5 | DOUBLE STRAP SERVICE SADDLE. | 13 | 1/2 INCH CRUSHED ROCK, 12 INCHES DEEP. |
| 6 | IRON PIPE SIZE, 200 PSI POLYETHYLENE SERVICE TUBING. | 14 | IN LANDSCAPED AREAS INSTALL CARSON 1220 WATER METER BOX AND DFW LID PART NUMBER DFW1220E-2A-LID AS SUPPLIED BY DFW PLASTICS, INC. OR APPROVED EQUAL. BOXES AND LIDS IN GRASS OR LANDSCAPED AREAS SHALL BE GREEN IN COLOR. ALL LIDS SHALL READ "WATER". BOXES & LIDS IN DRIVEWAYS AND SIDEWALKS SHALL BE TRAFFIC RATED AND BE GRAY IN COLOR (CHRISTY B-16 WITH DFW B16C4-4A GRAY LID) |
| 7 | CONNECT SERVICE TRACER WIRE TO WATER MAIN TRACER WIRE. SPLICES SHALL BE "KURNEY" (SPLIT BOLT) OR "KUP-L-TAP". INSTALLATION TAPE SHALL BE VINYL, ELECTRICAL WITH TWO COATS OF "SCOTCH KOTE". | | |
| 8 | BALL ANGLE METER STOP WITH LOCK EARS. | | |

NOTES:

- SEE MANUFACTURER'S INSTRUCTIONS FOR CONNECTION FROM REGISTER TO MXU. VERIFICATION THAT THE MXU HAS BEEN PROPERLY CONNECTED AND PROGRAMMED SHALL BE MADE BY THE CITY ENGINEER.
- COIL EXCESS TRACER WIRE IN BOTTOM OF METER BOX.

THE CITY OF WEST SACRAMENTO - STANDARD DETAIL



STANDARD
DETAIL #
501

TITLE:
**RESIDENTIAL WATER
SERVICE AND METER
ASSEMBLY 3/4" to 1"**



DATE APPROVED: 10/13/21