1. 2 FOOT, SCHEDULE 40 PVC, OR AS APPROVED BY THE CITY ENGINEER.

2. METER, INVENSYS (FORMERLY "SENSUS") SRL SERIES WITH ENCODED REGISTER FOR 3/4 INCH TO 1 INCH.

3. MXU TRANSCIEVER UNIT SUPPORTED BY 1/2 INCH GALVANIZED OR SCHED. 80 CONDUIT, MIN. 24 INCHES LONG.

4. BALL ANGLE METER STOP WITH LOCK EARS.

5. IRON PIPE SIZE POLYETHYLENE SERVICE TUBING.

6. BALL CORPORATION STOP.

7. SERVICE SADDLE.

8. WATERMAIN.

9. TRACER WIRE, #10 AWG SOLID COPPER WIRE WITH U.S.E. RATED INSULATION, COLOR YELLOW.

10. CONNECT SERVICE TRACER WIRE TO WATER MAIN TRACER WIRE. SPLICES SHALL BE "KURENY" (SPLIT BOLT) OR "KUPLE TAP". INSTALLATION TAPE SHALL BE VINYL, ELECTRICAL WITH TWO COATS OF "SCOTCH KOTE".

11. METER BOX, STRUCTURAL PLASTIC WITH FULL LENGTH LID. CARSON-BROOKS PLASTIC INC. 1412-39 OR APPROVED EQUAL. BOXES LOCATED IN DRивeways AND SIDEWALKS SHALL BE CHRYSTY B-16 WITH A CAST IRON LID. ALL LIDS SHALL READ "WATER".

12. 1/2 INCH CRUSHED ROCK, 12 INCHES DEEP.

13. CURB, GUTTER, AND SIDEWALK WITH A 2" x 2" LETTER "W" STAMPED, CHISELED INTO TOP OF CURB DIRECTLY ABOVE LOCATION WHERE WATER SERVICE FLOWS LINE OF CONCRETE GUTTER.

14. BRASS PIGTAIL, STRAIGHT METER COUPLING WITH MALE I.P.T.

**NOTES:**

A. METER SIZE SHALL MATCH LINE SIZE.

B. 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.

C. COIL EXCESS TRACER WIRE IN BOTTOM OF METER BOX.

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THE CITY OF WEST SACRAMENTO – STANDARD DETAIL

**APPROVED BY:**

CITY ENGINEER

0-387233 3/31/05

**REVISION:**

P.E. NO.

DATE

**TITLE:** RESIDENTIAL WATER SERVICE AND METER ASSEMBLY (3/4" TO 1")

**STANDARD DETAIL #:** 501