



- ① 2 FOOT, SCHEDULE 40 PVC, OR AS APPROVED BY THE CITY ENGINEER.
  - ② METER, INVENSYS (FORMERLY "SENSUS") SR11 SERIES WITH ENCODED REGISTER FOR 3/4 INCH TO 1 INCH.
  - ③ MXU TRANSCEIVER 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 "KURNEY" (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. 1412-3B OR APPROVED EQUAL. BOXES LOCATED IN DRIVEWAYS AND SIDEWALKS SHALL BE CHRISTY 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 CROSSES FLOW 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.

THE CITY OF WEST SACRAMENTO - STANDARD DETAIL

APPROVED BY:  CITY ENGINEER	G-38733 P.E. NO.	3/31/05 DATE	TITLE: RESIDENTIAL WATER SERVICE AND METER ASSEMBLY (3/4" TO 1")	
REVISION:			STANDARD DETAIL # 501	
REVISION:				
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REVISION:				