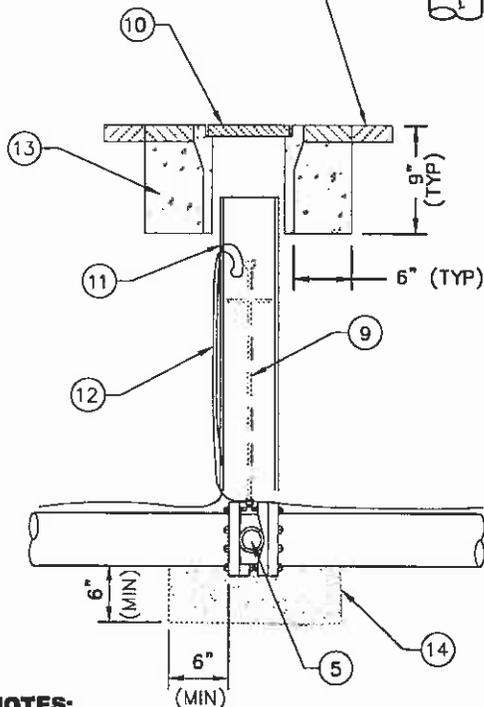


AC PAVING TO MATCH EXISTING THICKNESS (MIN 3")



- ① FLANGED TEE (OR CROSS). POLYWRAP.
- ② THRUST BLOCK, IF APPLICABLE.
- ③ FLANGED BUTTERFLY VALVE (TYPICAL).
- ④ MECHANICAL JOINT (OR RESTRAINING GLAND AS REQUIRED). POLYWRAP.
- ⑤ FLANGED IN-LINE BUTTERFLY VALVE. MECHANICAL JOINT CONNECTIONS (OR RESTRAINING GLAND AS REQUIRED). POLYWRAP.
- ⑥ PROPOSED WATER MAIN.
- ⑦ TRACER WIRE SHALL BE REQUIRED ON ALL NONFERROUS MAINS AND SHALL BE SOLID COPPER WIRE WITH U.S.E. RATED INSULATION (MIN. SIZE AWG #10). SECURE WIRE TO TOP OF PIPE WITH 10 MIL WRAPPING TAPE AT LEAST EVERY TEN (10) FEET PER DIVISION IV SECTION 15.02C.
- ⑧ TRACER WIRE SHALL BE INTERCONNECTED AT PIPE TEES AND CROSSES. SPLICES SHALL BE "KURNEY" (SPLIT BOLT) OR "KUPLETAP". INSTALLATION TAPE SHALL BE VINYL, ELECTRICAL WITH TWO COATS OF "SCOTCH KOTE".
- ⑨ PROVIDE EXTENSION IF OPERATING NUT EXCEEDS MAXIMUM OF FOUR (4) FEET FROM FINISHED GRADE. EXTENSION SHALL INCLUDE A STEADING PLATE.
- ⑩ CHRISTY TYPE G-5 TRAFFIC BOX. LID SHALL READ "WATER".
- ⑪ PROVIDE NOTCH IN RISER FOR TRACER WIRE.
- ⑫ 8" PVC RISER TO BE PLUMB WITHIN 1 INCH.
- ⑬ CONCRETE COLLAR WITH 2" AC.
- ⑭ 3/4" CRUSHED ROCK BEDDING.

**NOTES:**

- A. ALL NUTS, BOLTS, AND WASHERS ON FITTINGS SHALL BE STAINLESS STEEL TYPE 304.
- B. CONCRETE SHALL BE CLASS "A".

THE CITY OF WEST SACRAMENTO – STANDARD DETAIL

APPROVED BY:  CITY ENGINEER C-38733 P.E. NO. 3/31/05 DATE

REVISION:	
REVISION:	
REVISION:	
REVISION:	

TITLE: TYPICAL VALVE AND WATERMAIN INSTALLATION 12" THRU 36"  
 STANDARD DETAIL #: 514

