



NOTES:

- A. CENTER ANGLE BALL VALVE NO. 11 AND SINGLE ANGLE CHECK VALVE NO. 13 IN METER BOX.
- B. LOCK ANGLE BALL VALVE NO. 11 IN OPEN POSITION. PERMANENT LOCK (WITH CLTW SERIAL #) SHALL BE FURNISHED BY CLTW.
- C. METER BOX TO BE FLUSH WITH GROUND OR CONCRETE SIDEWALK, GROUND SHALL SLOPE AWAY FROM METER BOX.
- D. 5/8-INCH METER SHALL BE INSTALLED IN STANDARD METER BOX PER STD. DETAIL.

FIRE SERVICE SIZE	DETECTOR METER SIZE
2"	5/8"

NO. DESCRIPTION:

- 1. TAPPING SADDLE & 2" BALL CORPORATION STOP WITH BRASS TEE HEAD OPERATING NUT (CC TAPER THREAD X CTS COMPRESSION).
- 2. STANDARD VALVE BOX ASSEMBLY (TYP.) - ALL VALVES (OMIT AT CORPORATION STOP ON SHORT SIDE SERVICE).
- 3. 2" TYPE K COPPER TUBING CONTINUOUS ONE PIECE (NO FITTINGS ALLOWED).
- 4. BALL STRAIGHT METER VALVE - (2 BOLT METER FL X CTS COMPRESSION), MUELLER #B-24335 OR APPROVED EQUAL.
- 5. DETECTOR CHECK VALVE - (2 BOLT METER FL X 2 BOLT METER FL), FEBCO SERIES 406, OR APPROVED EQUAL.
- 6. STRAIGHT METER COUPLING - (2 BOLT METER FL X CTS COMPRESSION), FORD #CF34-77, OR APPROVED EQUAL.
- 7. PROPERTY LINE BALL CURB VALVE - (ALL CTS COMPRESSION), MUELLER #B-25209, FORD #B44-777, OR APPROVED EQUAL.
- 8. TEMPORARY 2" BLOW-OFF ASSEMBLY - GALV. STEEL PIPE WITH THREADED COUPLING.
- 9. 3/4-INCH 45° COUPLING (MIP TREAD X CTS COMPRESSION), MUELLER #H15529, OR APPROVED EQUAL.
- 10. 3/4-INCH TYPE K COPPER.
- 11. 5/8-INCH X 3/4-INCH ANGLE BALL VALVE WITH LOCK WINGS (LOCK OPEN) (CTS COMPRESSION X YOKE STAR NUT).
- 12. 5/8-INCH METER YOKE BAR.
- 13. 5/8-INCH X 3/4 INCH SINGLE ANGLE CHECK VALVE (YOKE STAR NUT X CTS COMPRESSION).
- 14. 3/4-INCH METER ASSEMBLY WITH AMR TRANSMITTER (BY CLTW).
- 15. SOLID POLYETHYLENE (HDPE) METER BOX LID.
- 16. STANDARD 3/4-INCH PLASTIC METER BOX PER STANDARD DETAIL. USE CONCRETE METER BOX ONLY WHEN METER IS IN SIDEWALK.
- 17. SOLID STANDARD CONCRETE BRICKS - DIAGONAL AT CORNERS - 4 EACH.
- 18. 90° BEND (CTS COMPRESSION X FNPT).
- 19. AWG #12 GAUGE SOLID COPPER TRACER WIRE WITH 30 MILS BLUE INSULATION, TERMINATE WITH 24" EXCESS WIRE (COILED) AT METER BOX AND VALVE BOX (TYP).

ALTERNATE DESCRIPTION:

- WHEN USING HDPE (IPS) POLY IN PLACE OF COPPER TUBING - USE THE FOLLOWING PRODUCTS:
- 1. 2" BALL CORPORATION STOP (CC TAPER THREAD X FNPT).
 - 3. 2" SDR9 HDPE (IPS) POLY WITH STAINLESS STEEL, BRASS, OR BRONZE MNPT ENDS CONTINUOUS ONE PIECE (NO FITTINGS ALLOWED).
 - 4. BALL STRAIGHT METER VALVE (2 BOLT METER FLANGE X FNPT) MUELLER #B-24337 OR APPROVED EQUAL.
 - 6. STRAIGHT METER COUPLING - (2 BOLT METER FL X FNPT) FORD #CF31-77, OR APPROVED EQUAL.
 - 7. BALL CURB VALVE (FNPT X FNPT).
 - 18. 90° BEND (FNPT X FNPT).