NOTES:
A. CENTER ANGLE BALL VALVE (1) AND SINGLE ANGLE CHECK VALVE (1) IN METER BOX.
B. LOCK ANGLE BALL VALVE (1) IN OPEN POSITION. PERMANENT LOCK (WITH MUD SWEAT 3) SHALL BE FURNISHED BY CMUD.
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 CONCRETE METER BOX PER STD. DETAIL.

NO. ALTERNATE DESCRIPTION
1. WHEN USING HDPE (IPS) POLY IN PLACE OF COPPER TUBING - USE THE FOLLOWING PRODUCTS.
2. 2" BALL CORPORATION STOP (CC TAPER THREAD x CTS COMPRESSION)
3. 2" SDR0 HDPE (IPS) POLY WITH STAINLESS STEEL, BRASS, OR BRONZE FNPT ENDS.
4. BALL STRAIGHT METER VALVE (2 BOLT METER FLANGE x FNPT) MUELLER 8B-24337 OR APPROVED EQUAL.
5. STRAIGHT METER COUPLING - (2 BOLT METER FL x FNPT) FORD #CF31-77, OR APPROVED EQUAL.
6. BALL CURB VALVE (FNPT x FNPT)
7. 50° BEND (FNPT x FNPT)

NO. DESCRIPTION
1. TAPPING SADDLE & 2" BALL CORPORATION STOP (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
4. BALL STRAIGHT METER VALVE - (2 BOLT METER FL x CTS COMPRESSION), MUELLER 8B-24335 OR APPROVED EQUAL
5. DETECTOR CHECK VALVE - (2 BOLT METER FL x 2 BOLT METER FL), FESCO SERIES 400, 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-5200, FORD #B-44-77, 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 #H15520, OR APPROVED EQUAL.
10. 3/4 INCH TYPE K COPPER OR HDPE (POLY TUBING) SDR 9 (WITH INSERTS).
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 ERT TRANSMITTER (BY CMUD)
15. SOLID POLYETHYLENE (HDPE) METER BOX LD
16. STANDARD 3/4 INCH CONCRETE METER BOX PER STANDARD DETAIL
17. SOLID STANDARD CONCRETE BRICK - DIAGONAL AT CORNERS - 4 EACH
18. 50° BEND (CTS COMPRESSION x FNPT)
19. AWG #12 GAUGE COPPER TRACER WIRE (THHN) WITH BLUE INSULATION, TERMINATED WITH 24 INCH EXCESS WIRE (COILED) AT METER BOX AND VALVE BOX (TYP) - OMIT WHEN SERVICE LINE IS ALL COPPER TUBING.