

NOTES:

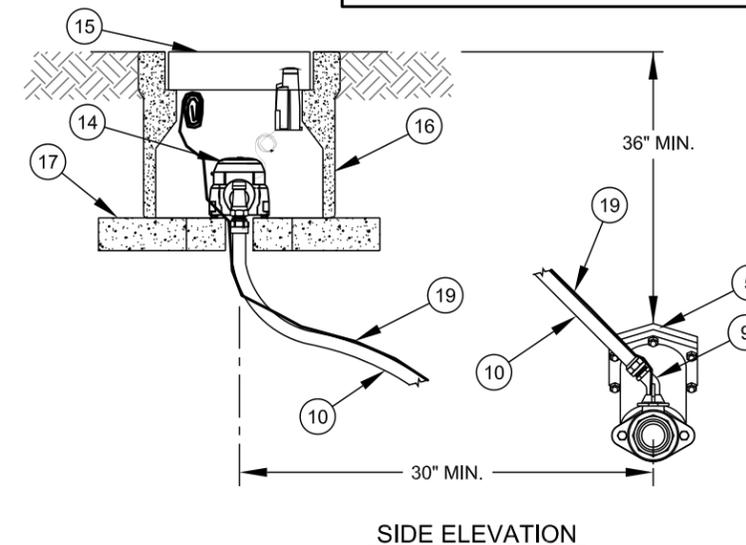
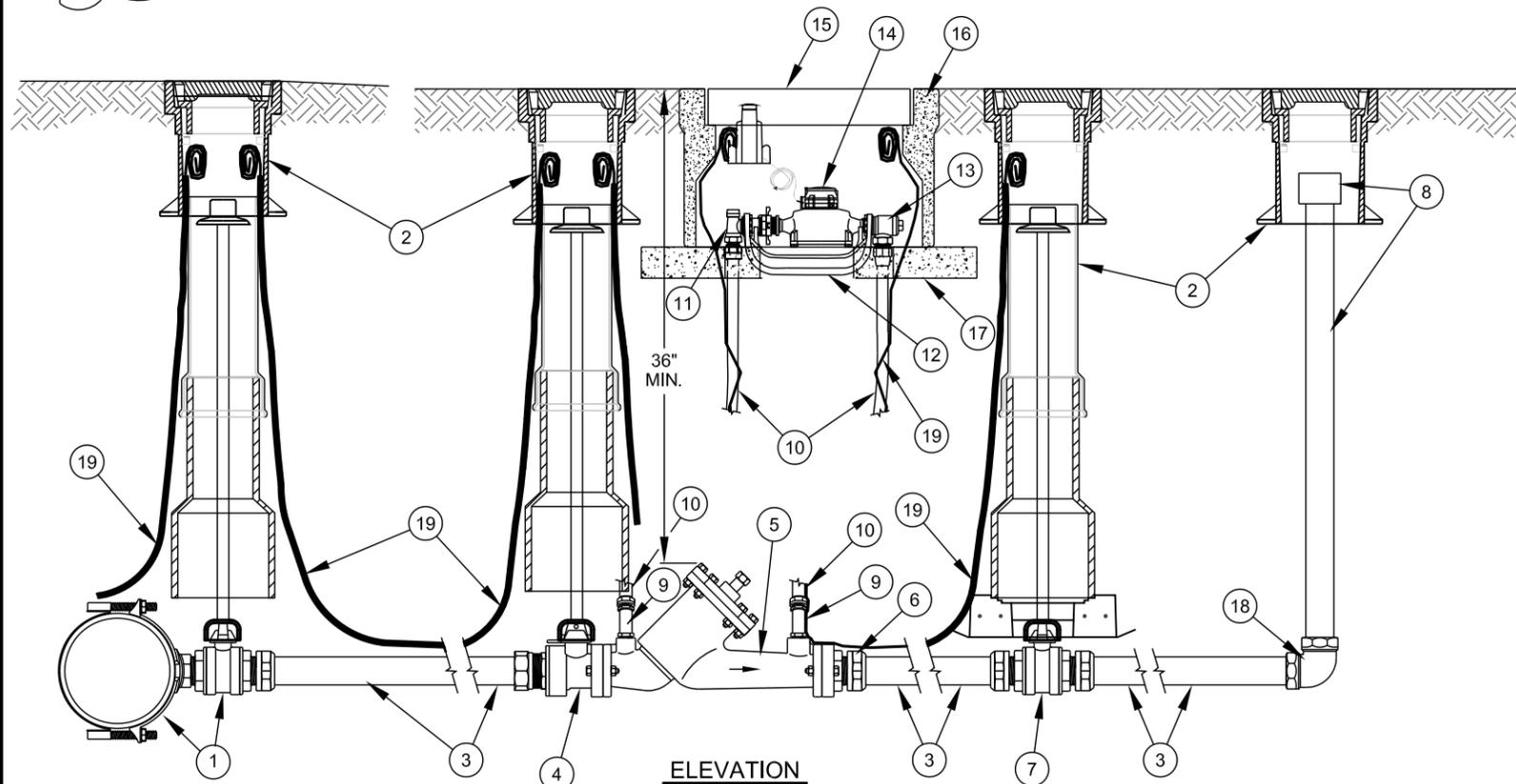
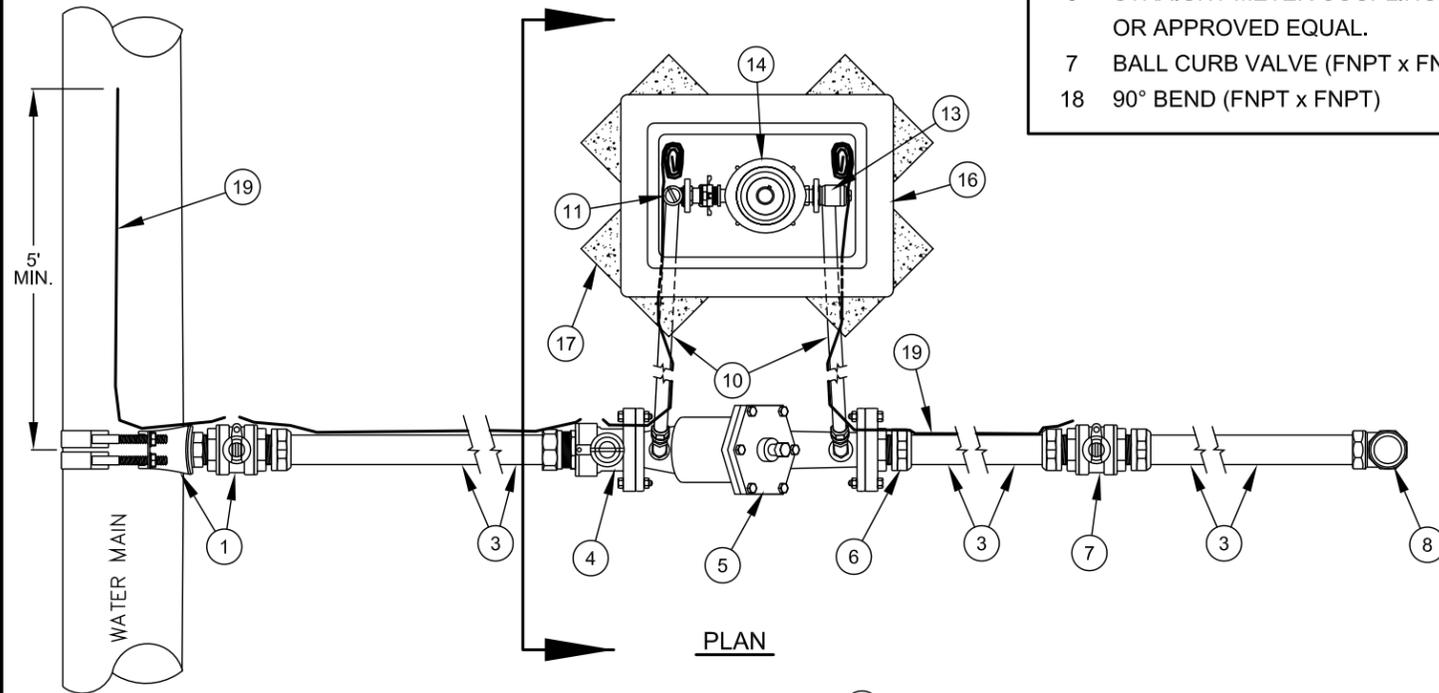
- A. CENTER ANGLE BALL VALVE (11) AND SINGLE ANGLE CHECK VALVE (13) IN METER BOX.
- B. LOCK ANGLE BALL VALVE (11) IN OPEN POSITION. PERMANENT LOCK (WITH CMUD SERIAL #) SHALL BE FURNISHED BY CMUD.
- C. METER BOX TO BE FLUSH WITH GROUND OR CONCRETE SIDEWALK, GROUND SHALL SLOPE AWAY FROM METER BOX.
- D. 5/8 INCH METER SHALL BE INSTALLED IN STANDARD CONCRETE METER BOX PER STD. DETAIL.

NO. ALTERNATE DESCRIPTION

- 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.
 - 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)

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 #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 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 LID
- 16 STANDARD 3/4 INCH CONCRETE METER BOX PER STANDARD DETAIL
- 17 SOLID STANDARD CONCRETE BRICKS - DIAGONAL AT CORNERS - 4 EACH
- 18 90° BEND (CTS COMPRESSION x FNPT)
- 19 AWG #12 GAUGE COPPER TRACER WIRE (THWN) WITH BLUE INSULATION, TERMINATE WITH 24 INCH EXCESS WIRE (COILED) AT METER BOX AND VALVE BOX (TYP) - OMIT WHEN SERVICE LINE IS ALL COPPER TUBING.



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

NO SCALE

STANDARD NO. H

VERSION NO. 1.3
VERSION DATE 05.05.2011

2" FIRE LINE SPRINKLER SERVICE WITH DETECTOR METER ASSEMBLY

CHARLOTTE-MECKLENBURG UTILITIES
STANDARD DETAILS
WATER

