IN UNPAVED AREAS, PROVIDE 1’ RADIUS X 4” MIN. DEPTH FORMED CONCRETE (TROWEL OR BROOM FINISH) OR ASPHALT PAVING AROUND VALVE BOX.

DRILL HOLE OR CUT SLOT FOR LOCATOR WIRE. PROVIDE 12” MIN. OF WIRE IN VALVE BOX.

SPREADER BAR (PROVIDED BY DISTRICT)

NOTCH VALVE CAN BASE TO FIT OVER PIPING AND SET ON CONCRETE BLOCK.

BACKFLOW ASSEMBLY BOX. SEE NOTE #1 BELOW

MATERIALS LIST:

ITEM  DESCRIPTION

A  SADDLE: ALL SADDLES SHALL BE EPOXY COATED DUCTILE IRON CASTING WITH IP THREADS. FOR ALL PIPE MATERIAL OTHER THAN PVC PIPE, SADDLES SHALL BE SINGLE STRAP TYPE EQUAL TO FORD FC101, ROMAC 101NS, MUELLER DR1S, OR DISTRICT APPROVED EQUAL FOR PVC PIPE, SADDLES SHALL BE DOUBLE STRAP TYPE (NO U-BOLT TYPE STRAPS) EQUAL TO MUELLER DR2S, FORD FCD202, OR ROMAC 202NS.

B  BALL VALVE, FIPxFIP; FORD #B11–666–NL FOR 1–1/2” AND FORD #B11–777–NL FOR 2”, WITH 2” OPERATING NUT, FORD #QT–67 OR EQUAL.

C  TWO-PIECE CAST IRON VALVE BOX PER THE SPECIFICATIONS AND STANDARD WATER DETAIL #11.

D  6” LONG BRASS NIPPLE, MIPxMIP.

E  ADAPTER, MIPxPACK JOINT, FORD #CB6–66–NL FOR 1–1/2” AND FORD #CB6–77–NL FOR 2”.

F  POLYETHYLENE PIPE PER THE SPECIFICATIONS. SDR 7, 250 PSI RATING. PIPE SHALL BE CONTINUOUS FROM BALL VALVE TO METER SETTER. ALL POLYETHYLENE PIPE INSTALLED BY OPEN—CUT CONSTRUCTION SHALL BE BEDDED IN SAND, 4” OVER AND UNDER. NATEM MATERIAL WILL NOT BE ACCEPTED FOR BEDDING.

G  TRACER WIRE: BLUE 14 GAUGE COPPER, CONTINUOUS, SOLID CORE, POLYETHYLENE INSULATED PER THE SPECIFICATIONS. CONNECTION AT THE METER SETTER SHALL BE MADE WITH AN ALL STAINLESS STEEL HOSE CLAMP. CONNECTION AT THE MAIN LINE WIRE SHALL BE MADE WITH A SPLIT—BOLT CONNECTOR. STRIP COATING PRIOR TO CONNECTION.

H  1–1/2” METER SETTER: FORD VBH8612B. 2” METER SETTER: FORD VBH8712B.

I  METER BOX: ARMORCAST, A6001640PCX12—NUD (2 BOXES STACKED, NO "MOUSE HOLES").

J  COVER: ARMORCAST, A6001947TRCI—H10—NUD.

K  4”x8”x16” CONCRETE BLOCK.

L  90° BRASS ELBOW, FIPxFIP.

M  BRASS NIPPLE, LENGTH TO FIT. MIPxMIP.

NOTE:

1. FOR PREMISE ISOLATION, AN APPROVED BACKFLOW ASSEMBLY SHALL BE INSTALLED IMMEDIATELY BEHIND THE WATER METER PER DISTRICT STANDARD WATER DETAILS #13 AND #14.

2. ALL POLYETHYLENE PIPE TO PACK JOINT CONNECTIONS REQUIRE A STIFFENER INSERT.

1-1/2" & 2" WATER SERVICE

NORTHSORE UTILITY DISTRICT

2019 STANDARD WATER DETAILS