1" PREMOLDED EXP. JOINT FILLER (TYPICAL)

DETECTOR METER (MODEL F.M.)

LARGE SECTIONAL VAULT (10" & 12" VALVES)
SMALL SECTIONAL VAULT (4", 6", & 8" VALVES)

METER FRAME AND COVER
ROADWAY

12" MIN.
18" MAX.

ANCHOR TEE
WATER MAIN

CONCRETE BUTTRESS, SEE STD. NO. BC 860.01.
RESILIENT SEATED VALVE - PER STANDARDS M.S.S. SP-60.

4", 6", 8", 10", OR 12" SERVICE PIPE

RESILIENT SEATED GATE VALVE (TYP.)

STANDARD 6'-0" LONG FLANGE AND SPIGOT D.I.P.

MECH. JOINT CAP

PLAN (METER VAULT ONLY)

1'-3"

4" ADJUSTABLE BRICK COLLAR
FOOTWAY

8" D.I.P. SUMP 2' LONG
WITH CONCRETE PLUG

MORTARED 8" SQUARE BRICK PIERS (TYP.)

NOTE: SEE STD. NO. BC 847.01 FOR VAULT DETAILS.

ELEVATION

RESIST ALL JOINTS (ALL-THREAD RODS ARE NOT ACCEPTABLE)

NOTES:
1. CONCRETE SHALL BE MIX 3.
2. INSTALL A MIN. OF 8 DIAMETERS OF STRAIGHT PIPE ON THE INLET SIDE OF THE METER AND SET METER LEVEL.

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF WATER AND WASTEWATER

STANDARD INSTALLATION OF 4", 6", 8", 10", & 12" WATER SUPPLY SERVICES (4", 6", 8", 10", & 12" COMBINED SERVICES) WITH TEE AND VALVE (SECTIONAL VAULT)

STANDARD NO.
BC 852.01

ISSUED
REVISED
REVISED

3 / 2008

SCALE: NONE
SHEET 1 OF 1