VENT DETAIL

STAINLESS STEEL BUG SCREEN

PLAN VIEW

FLOW

FLOW

TEE PIPE

MANHOLE

MH RING & COVER

VENT PIPING W/ BUG SCREEN

100-YEAR FLOOD ELEVATION

EXISTING GRADE

2'-0" MINIMUM

COVER FROM EXISTING GRADE TO TOP OF TEE PIPE

3'-0" MINIMUM TO CENTERLINE PIPE

2'-0" MINIMUM

TOP OF MH

TOP OF MH

3" DUCTILE IRON PIPE

VARIABLE DEPTH (SEE PLANS)

EX. GRADE

TWO 3", 90° BENDS WITH BUG SCREEN

4"

TEE PIPE WITH BOOT CONNECTION

FILL BOTTOM OF VENT PIPE WITH CONCRETE

1" x 1/8" GALVANIZED STEEL STRAP

STRAP SPACING:
- ONE EVERY 3 FEET
- MINIMUM OF 2 REQUIRED

SECTION VIEW

NOTES:
1. VENT PIPE OPENING IN PRECAST CONCRETE MANHOLE WALL SHALL BE CORED WITH A CONCRETE CORING MACHINE.
2. LOCATION OF VENT PIPE SHALL BE AS DIRECTED BY THE FIELD TECHNICIAN WITH WATERTIGHT RING AND COVER VENT TOP TO BE ELEVATED AT LEAST 24 INCHES ABOVE THE 100 YEAR FLOOD PLAIN ELEVATION.
3. 4 INCH PIPING MAY BE SUBSTITUTED FOR THE 3 INCH PIPING.

STANDARD MANHOLE VENT

EFFECTIVE: 05/15/20

DETAIL No. 07000.04

SHEET 1 OF 2