STANDARD MANHOLE VENT

VENT DETAIL

STAINLESS STEEL BUG SCREEN

FLOW

TEE PIPE

MANHOLE

MH RING & COVER

VENT PIPING W/ BUG SCREEN

PLAN VIEW

100-YEAR FLOOD ELEVATION

EXISTING GRADE

2'-0" MINIMUM

COVER FROM EXISTING GRADE TO TOP OF TEE PIPE

2'-0" MIN. TO CENTERLINE PIPE

3'-0"

MINIMUM TO CENTERLINE PIPE

FILL BOTTOM OF VENT PIPE WITH CONCRETE

TWO 3", 90° BENDS WITH BUG SCREEN

3" DUCTILE IRON PIPE

TOP OF MH

VARIABLE DEPTH
(SEE PLANS)

EX. GRADE

TEE PIPE WITH BOOT CONNECTION

4"

1" x 1/8" GALVANIZED STEEL STRAP

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

FLOW

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.