



1. MANHOLE FRAME AND COVER AND VENT INSTALLATION TO BE SEALED WITH BUTYL RUBBER AND NON-SHRINK GROUT.
2. ALL VENT OUTLETS ARE TO BE POINTED DOWNSTREAM
3. STEEL VENT PIPE SHALL BE 6" I.D. Ø SCHEDULE 40 (14.62 LB./FT.) AS SPECIFIED IN ASTM A-139 OR LATEST REVISION. A 6" TYPE 316 OR 304 STAINLESS STEEL BUG SCREEN SHALL BE INSTALLED IN VENT PIPE.
4. INSIDE OF VENT PIPE SHALL HAVE A 3/32 INCH COAL TAR LINING ACCORDING TO AWWA 203 OR LATEST REVISION
5. OUTSIDE OF VENT PIPE SHALL BE SAND BLASTED TO COMMERCIAL STANDARDS AND HAVE ONE COAT OF ZINC CHROMATE PRIMER APPLIED ACCORDING TO FEDERAL SPECIFICATIONS TT-86A OR LATEST REVISION, THEN THE VENT PIPE SHALL HAVE TWO EVENLY APPLIED COATS OF RUST INHIBITING ENAMEL PAINT, EITHER KOPPERS GLAMORTEX NO. 501 ENAMEL (OLIVE GREEN), SOUTHERN COATINGS RUSTALOY NO. 0537 ENAMEL (GARDEN GREEN), OR EQUAL.
6. 2 GALVANIZED STRAPS WITH STAINLESS STEEL BOLTS MAY BE USED IN LIEU OF CONCRETE FOOTING FOR VENT
7. ALL SEALED MANHOLES SHALL BE VENTED TO 2' ABOVE THE FLOOD ELEVATION
8. A THREADED COUPLING MAY BE USED IN THE TOP 18" TO AID IN ALIGNING THE VENT DOWNSTREAM

REVISED	F.B.	PG.	DATE: 5-1-86
9/30/87			SCALE: NONE
2/8/94			DRAWN BY: JWJ, DYS
1/05/95			CHECKED BY: FAP
			CITY ENGINEER: JPB

STANDARD DETAIL

VENT FOR MANHOLE

OFFICE OF THE
CITY ENGINEER
GASTONIA, N.C.

FILE NO. **71B-4A**