INSECT SCREEN

H.T. OF STACK
2' ABOVE 100 YEAR FLOOD ELEV. OR ELEV.
APPROVED BY UTILITIES ADMINISTRATION

HEIGHT OF RIM ABOVE GROUND SUBJECT TO APPROVAL OF UTILITIES ADMINISTRATION

GROUND VARIES

MIN. 3'-0"

MIN. 2 CU. FT. CONCRETE ANCHOR AROUND BOTTOM VENT PIPE

PLACE ON MIN. 8' WASHED STONE

A 4' INSIDE DIAMETER MANHOLES SHALL HAVE 5' THICK WALLS
5' INSIDE DIAMETER MANHOLES SHALL HAVE 6' THICK WALLS

M.H. SECTION

NOTES:
1. 4'-0' I.D. FOR 18' & SMALLER PIPES.
   5'-0' I.D. FOR 21' & LARGER PIPES.
2. PRECAST CONCRETE INVERTS MAY BE USED IN LIEU OF Poured BASES.
3. MANHOLES MUST NOT HAVE ANY LARGE CHIPPED AREAS, BROKEN AREAS, CRACKS, OR EXPOSED REINFORCEMENT, OR OTHER DEFECTS. DEFECTIVE MANHOLES WILL NOT BE ACCEPTED.
4. STEEL PIPE TO HAVE AN INSIDE COAL-TAR LINING, 3/32 INCH MINIMUM THICKNESS. THE OUTSIDE SHALL BE SAND OR GRIT BLASTED AND COATED WITH TWO COATS OF URETHANE PAINT SUCH AS TNEMEC 73-ENDURA SHIELD FOR A TOTAL DRY FILM THICKNESS OF 5 MILS. COLOR TO BE "OLIVE GREEN"
5. MANHOLES WITH A DEPTH OF 10.0' OR GREATER MUST BE 5' DIAMETER.
6. WRAP OUTSIDE MANHOLE SEAMS (JOINTS) WITH A WIDE BUTYL TAPE

WATERTIGHT, SEALED FRAME & COVER
USE CITY PATTERN
LOCKING BOLTS (McGARD INC.)
BOLT PART# 117150
PATTERN REFERENCE# 117183

MANHOLE FRAME TO BE BOLTED DOWN WITH FOUR STAINLESS STEEL BOLTS

BUTYL MASTIC BETWEEN MANHOLE AND FRAME & COVER

SEAL AROUND VENT PIPE THROUGH M.H.

BENCH WALL

CONC. INVERT SEE NOTE #2

SEE NOTE #1

BUTYL RUBBER SEALS

MAX 26" VARI" 20' MAX.

6'

CITY OF SALISBURY, N.C. STANDARD DETAIL

SEWER SYSTEMS
MANHOLE VENT

DATE: OCTOBER 17, 2006
AMENDED: MAY 19, 2009

NOT TO SCALE

STANDARD SS-4