BOLT FRAME TO MANHOLE WITH FOUR STAINLESS STEEL BOLTS

STANDARD FRAME & COVER

BUTYL MASTIC BETWEEN MANHOLE AND FRAME & COVER

PRE-CAST RINGS MAXIMUM OF 11 1/2" INCLUDING BUTYL MASTIC.

PRE-CAST BARREL SECTIONS; 2, 3, & 4 FT. SECTIONS

BUTYL RUBBER SEALS

MONOLITHIC BASE SECTION

CONCRETE INVERT OR PRECAST INVERTS

WRAP OUTSIDE MANHOLE SEAMS (JOINTS) WITH WIDE BUTYL TAPE

PLACE ON MINIMUM OF 8" COMPACTED STONE

SEE NOTE #5

NOTES:

1. MANHOLE TO CONFORM WITH ASTM C478 OR LATEST REVISION

2. ALL JOINTS SHALL CONFORM WITH ASTM C443.

3. STEPS TO BE PLASTIC PER CITY STANDARDS.

4. BUTYL RUBBER SEALANT TO MEET FEDERAL SPECIFICATION (GSA-FSS) SS-S-00210.

5. 48" DIA. MH, PIPES 8"-18"
60" DIA. MH, PIPES 20"-30"

6. MANHOLES WITH A DEPTH OF 10' OR GREATER MUST BE 5' DIAMETER

7. ALL MANHOLES ARE REQUIRED TO BE VACUUM TESTED.

8. NO LATERALS OR CORES IN MANHOLE CONE SECTION.

FLOOR HARDENER ON BENCH WALLS & INVERT-MIN. 1/2" THICKNESS

SECTION

PLAN

NOTE:
MANHOLES MUST NOT HAVE ANY LARGE CHIPPED AREAS, BROKEN AREAS, CRACKS, OR EXPOSED REINFORCEMENT, OR OTHER DEFECTS. DEFECTIVE MANHOLES WILL NOT BE ACCEPTED.

CITY OF SALISBURY, N.C. STANDARD DETAIL SEWER SYSTEMS PRECAST MANHOLE

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

NOT TO SCALE

STANDARD SS-1