



PLAN

5'-0" FOR PIPES
OVER 18", 4'-0" FOR
18" & SMALLER PIPES

MANHOLE FRAME TO BE
BOLTED DOWN WITH
WITH FOUR STAINLESS
STEEL BOLTS

STANDARD FRAME
& COVER

BUTYL MASTIC
BETWEEN
MANHOLE
FRAME
AND COVER

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

STRAIGHT WALL
OF M.H. TO BE
LOCATED
OPPOSITE
DROP PIPE.

6"
PIPE
DIA.
8"
MIN.

RISER

CONE

DIP WYE

D.I.P.

D.I.P.

D.I.P.

D.I.P.

No. 67 STONE
UNDER PIPE

SECTION A-A

NOTES:

1. MANHOLE BASE SHALL BE 4000 P.S.I. CONCRETE PLACED ON UNDISTURBED EARTH AND MAY BE PLACED AGAINST SHAPED BANKS IN LIEU OF FORMS.
2. ALL MASONRY MORTAR SHALL BE PORTLAND CEMENT 1:3 MIX.
3. CARE MUST BE TAKEN TO FORM A SMOOTH FINISH TROUGH FROM ENTRANCE PIPES TO EXIT PIPE, AND IN CURVED MANHOLES THE TROUGH MUST BE A SMOOTH CIRCULAR ARC TANGENT TO THE INSIDE WALLS OF THE PIPES AT THEIR ENDS.
4. PROTECTIVE WALL FOR OUTSIDE DROP SHALL BE A MINIMUM OF 8" MASONRY.
5. THE SLOPE OF THE OUTSIDE DROP TROUGH SHALL BE 1/4" PER FOOT.
6. MANHOLE TO CONFORM WITH ASTM C478 AND PRECAST MANHOLE STD.
7. RAMSET MASONRY TIES EVERY 12 INCHES ON OUTSIDE DROP.
8. MANHOLES WITH A DEPTH OF 10.0' OR GREATER SHALL BE 5' DIAMETER.
9. WRAP OUTSIDE MANHOLE SEAMS (JOINTS) WITH MIN. 8" WIDE BUTYL TAPE.

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

CITY OF SALISBURY, N.C. STANDARD DETAIL

DATE: MAY 19, 2009
AMENDED: JULY 19, 2022

SEWER SYSTEMS NEW CONSTRUCTION
PRECAST M.H. W/ OUTSIDE DROP

NOT TO SCALE

STANDARD SS-3