

GRADE RINGS SHALL BE
PRECAST CONCRETE

36" FRAME AND COVER -
LABELED SANITARY SEWER
WITH HINGES ORIENTED
TOWARD PRIVATE PROPERTY

PRECAST
MANHOLE TOP

ANCHOR FRAME AND GRADE
RINGS TO PRECAST TOP
SECTION WITH 1/2" DIA. EPOXIED
BOLTS WITH WASHER AND NUTS
(MIN. 4 REQUIRED)

REINFORCED CONCRETE SLAB

PRECAST REINFORCED CONCRETE
SECTIONS 2' THROUGH 8' LENGTH
AS REQUIRED WITH A 4' MAX.
TOP SECTION

SLOPE (TYP.)

PVC SEWER MAIN

PVC SEWER MAIN PIPE
SHALL EXTEND THROUGH
ENTIRE MANHOLE, EXCEPT
FOR BENDS OR WYES. FORM
BENCH, THEN REMOVE TOP
OF PIPE. ANCHOR PIPE WITH
4 - 3" WIDE PVC TABS.

PIPE BEDDING

6" MIN. NYSDOT #1
COURSE AGGREGATE

MONOLITHIC BASE
SECTION REQD.

3000 PSI
CONCRETE BENCH

NYSDOT ITEM
#203.07M COMPACTED
SELECT GRANULAR
FILL (2'± TYP. ALL
AROUND MANHOLE)

UNDISTURBED SOIL
OR ROCK

PRECAST SANITARY MANHOLE

N.T.S.

NOTES:

1. STUBS 4' MAX. FROM OUTSIDE FACE.
2. USE TWO COATS OF INTERIOR AND EXTERIOR COATING.
3. ALL RISER JOINTS SHALL BE RUBBER RING GASKETS CONFORMING TO A.S.T.M. C443 WITH FLEXIBLE JOINT SEALER ON OUTSIDE OF JOINTS.
4. CONNECTIONS SHALL BE MADE WITH INTEGRAL PIPE BOOT OR LINK-SEAL AND BE GROUTED AND WITH SURFACES COATED.
5. PRECAST BASES, RISER SECTIONS AND TOP SLABS SHALL CONFORM WITH A.S.T.M. C478.
6. OPENINGS IN MANHOLE RISER SECTIONS SHALL NOT BE LESS THAN 6" FROM A RISER JOINT.
7. MANHOLE TOP SLABS, FRAMES AND COVERS SHALL BE DESIGNED FOR USE UNDER H-20 LOADING.
8. CAULK ALL INTERIOR JOINTS AFTER COATINGS HAVE BEEN APPLIED.
9. REFER TO MATERIAL LIST, S-03.

ISSUE DATE: JUNE 2015

TOWN OF BATAVIA

SANITARY SEWER DETAILS

PRECAST
SANITARY
MANHOLE

DRAWING S-07

REVISIONS

DATE

COMMENTS
