Manhole Ring and Cover
(See DD-852-07
Sheets 1-5)

Adjusted:
A minimum of one and a
maximum of three throat rings
shall be used at each
adjusted manhole.

New:
All new manhole installations
shall not exceed two throat
rings.

Precast reinforced concrete
manhole sections ASTM
designation C-478
4000 PSI min strength in
28 days

Backfill around manhole
shall be flowable fill up to
1 foot above cone section.
(See General Notes)

Flowable Fill
(Amount will vary
per project) 6" Min.
(See General Notes)

PRECAST MANHOLE

Concrete Cradle to nearest
point of all lines leaving or
entering manholes

If PVC pipe is used, provide
rubber gaskets one size smaller
than pipe at each wall crossing
of manhole

See Note "A" above

Minimum angle is 90'

No joints for pipe will be
allowed within wall section

MANHOLE FLOOR PLAN

General Notes:

1) Material for sanitary sewer pipe must be the same from manhole to manhole. Changes in type of pipe may be made only at
manholes, or special structures, except as approved by the SAWS inspector.

2) Adaptors and Concrete Collars shall be used as directed and approved by the SAWS inspector.

3) Refer to DD-852-07 for watertight manhole rings and covers.

4) The minimum angle of flow for a connecting sewer to the direction of flow defined by a collection system is 90 degrees,
unless approved by the engineer.

5) Contractor can opt to backfill with approved secondary material, subject to provisions of item 304.5.2.C.