ALTERNATE MANHOLE TOP

Casting as specified

Galvanized 1" eye hook cast in place opposite steps within top 12" of top of cone.

Min. (1) - Max. (3) brick or 2" precast concrete adjustment ring courses for adjusting casting to finish grade precast top.

Eccentric cones

Continuous length of pipe

Sanitary sewer lead (4" min.)

Flow channel

Class "B" concrete

Class "B" precast base or 8" class "A" poured in place concrete

4" 21AA stone backfill under manhole base and to first pipe joint

Pipe shall run continuously straight through manhole with no drop or deflection.

SECTION A - A

Grout

D = 4'-0" min.

Approved M.H. steps 15" c/c

Graphical representation of the sampling manhole (Type IV) with various dimensions and instructions for construction.