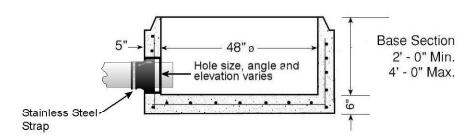
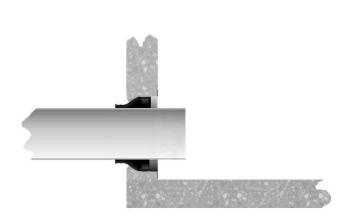
Precast Sanitary or Storm Structures

with Pipe to Manhole Connectors (boots)







-No Scale-

All dimensions subject to allowable specification tolerances.

WALLS TO MEET/EXCEED

THE MINIMUM STRENGTH OF THE CONCRETE IN THE BASE AND RISER SECTIONS SHALL BE 4000 P.S.I. AFTER 28 DAYS. THE MINIMUM WALL THICKNESS SHALL BE ONE-TWELTH OF THE INTERNAL DIAMETER OF THE RISER. THE CIRCUMFERENTIAL REINFORCEMENT IN BASE SECTIONS AND RISERS MAY CONSIST OF EITHER ONE OR TWO LINES OF STEEL. THE TOTAL AREA OF STEEL PER VERTICAL FOOT SHALL BE NOT LESS THAN .0025 TIMES THE INSIDE DIAMETER IN INCHES. BASE SLABS OR FLOORS SHALL BE REINFORCED WITH A LAYER OF STEEL WITH A MINIMUM AREA OF 0.12 in. SQUARED / LINEAR FOOT IN BOTH DIRECTIONS.

Pipe to Manhole Connectors (boots)

meet or exceed ASTM C-923 including physical properties of materials and performance testing. See Boot Submittal for details.

Unit Weights Wt./ Vert. Ft. 876 lbs. Base Bottom 955 lbs. Wall Thickness 5 in.

per ASTM C-478 Standard.

#4 @ 12" O.C.E.W.

BOTTOM SLAB REINFORCING

Materials

CONCRETE: 4,500 PSI (State of IL Specification)

WALL REINFORCING:

TITLE

48" Diameter Manhole with Boots

