Top of intake may be poured in the field or precast. For precast units, place a 1 inch diameter X 3 inch deep alignment hole 3 inches from each side of the corners of the unit.

1. Four #5 X 9 inch alignment pins (precast tops only).
2. Meet the requirements of Article 4151.04 of the Standard Specifications.

NOTE: ALL DIMENSIONS SHOWN OUT TO OUT.

D = PIN DIAMETER

(2 bars required)

(2 bars required)

(2 bars required)

(2 bars required)
Short wall maximum pipe size 18 inches. Long wall maximum pipe size 36 inches.

1. Four #5 X 9 inch alignment pins (precast tops only).
2. Meet the requirements of Article 4151.04 of the Standard Specifications.
3. 12 inch minimum wall height above all pipes.