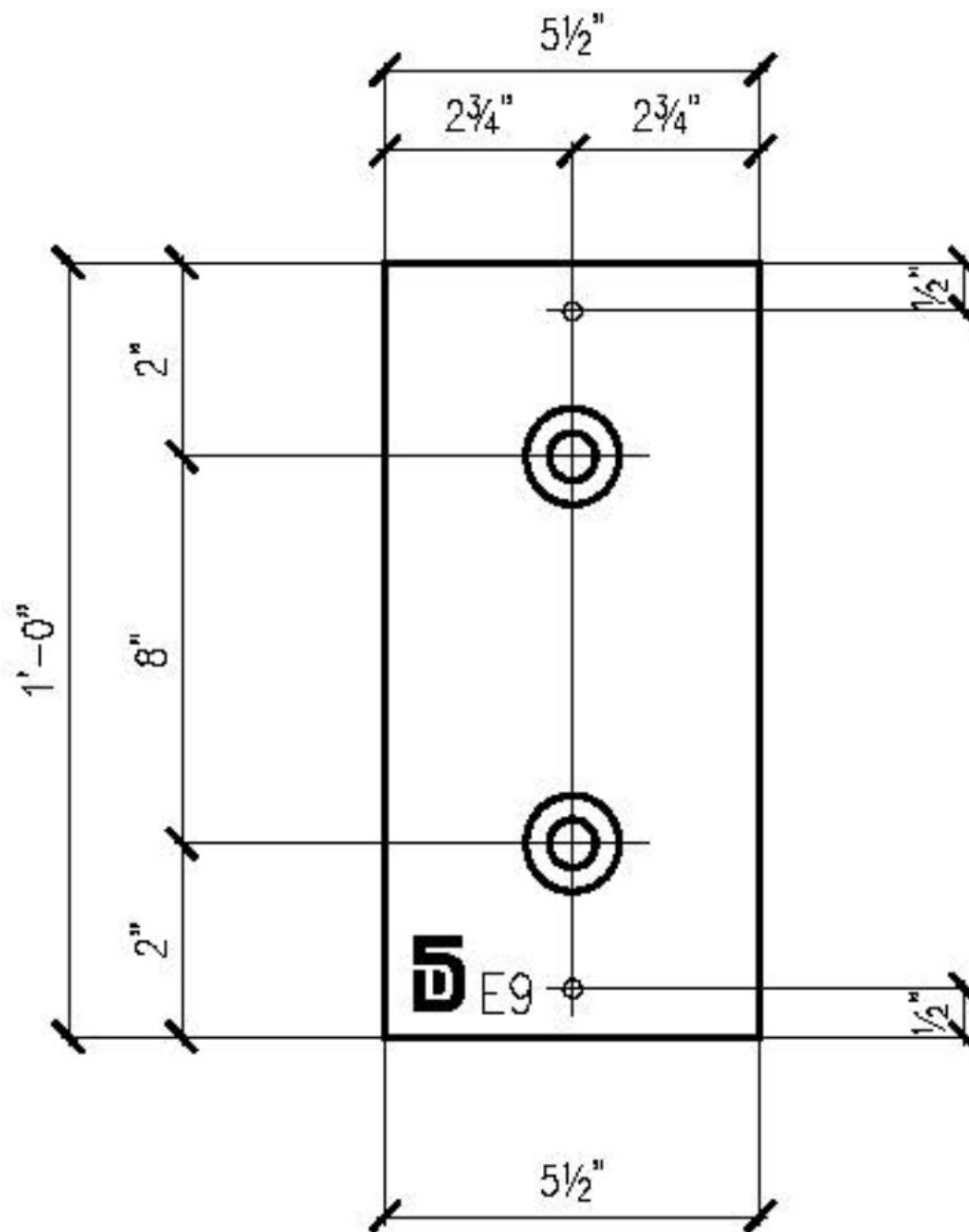




Controlling Design Values (LRFD)

Concrete thickness = 2x anchor length or 12" minimum
Distance = Edge of concrete to center of nearest stud

Along Short Edge

Shear - Maximum = 6,400 lbs

- Minimum edge distance for "Maximum" value:
 - Edge parallel to force = 3"
 - Edge toward to force = 8"
 - Edge away to force = 3"

Tension - Maximum = 10,000 lbs

- Minimum edge distance for "Maximum" value:
 - Edge distance = 4"

Compression - Maximum = 14,500 lbs

- Minimum edge distance for "Maximum" value:
 - Edge distance = 3"

Along Long Edge

Shear - Maximum = 6,400 lbs

- Minimum edge distance for "Maximum" value:
 - Edge parallel to force = 6"
 - Edge toward to force = 10"
 - Edge away to force = 3"

Tension - Maximum = 10,000 lbs

- Minimum edge distance for "Maximum" value:
 - Edge distance = 5"

Compression - Maximum = 14,500 lbs

- Minimum edge distance for "Maximum" value:
 - Edge distance = 3"



PLATE SIZE	1/2" x 5 1/2" x 1'-0"
STUD SIZE	1/2" x 5"
NAILER HOLES	5/8" Ø
FINISH	PLAIN
STEEL TYPE	GRADE 50
EMBED PLATE E9	