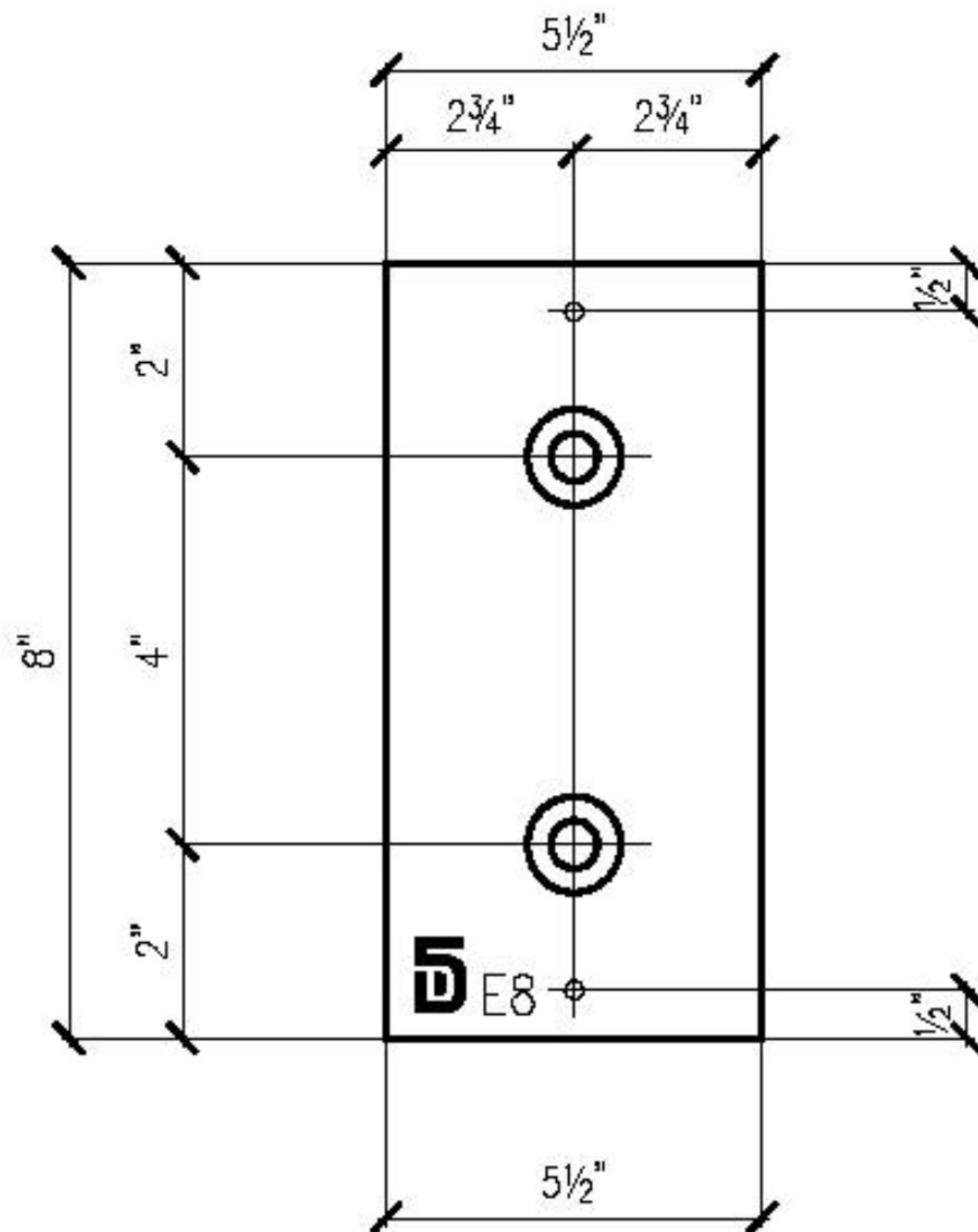




Controlling Design Values (LRFD)

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 = 11,200 lbs

- Minimum edge distance for "Maximum" value:
 - Edge distance = 6"

Compression - Maximum = 26,000 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 = 7"
 - Edge toward to force = 11"
 - Edge away to force = 3"

Tension - Maximum = 11,200 lbs

- Minimum edge distance for "Maximum" value:
 - Edge distance = 6"

Compression - Maximum = 26,000 lbs

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



ACTIVE
MEMBER

PLATE SIZE	1/2"x5 1/2"x8"
STUD SIZE	1/2"x5"
NAILER HOLES	5/16"Ø
FINISH	PLAIN
STEEL TYPE	GRADE 50
EMBED PLATE E8	