



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 = 7"
 - Edge away to force = 3"
- Tension - Maximum = 9,200 lbs
 - Minimum edge distance for "Maximum" value:
 - Edge distance = 3"
- Compression - Maximum = 15,600 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 = 4"
 - Edge toward to force = 10"
 - Edge away to force = 3"
- Tension - Maximum = 9,200 lbs
 - Minimum edge distance for "Maximum" value:
 - Edge distance = 4"
- Compression - Maximum = 15,600 lbs
 - Minimum edge distance for "Maximum" value:
 - Edge distance = 3"



PLATE SIZE	1/2" x 7 1/2" x 1'-4"
STUD SIZE	1/2" x 5"
NAILER HOLES	5/16" Ø
FINISH	PLAIN
STEEL TYPE	GRADE 50
EMBED PLATE E11	