

Prescriptive Spacing To Replace 1/2" or 5/8" Diameter Anchor Bolts

Anchor Bolt Diameter	Anchor Bolt Spacing	DF/SP 2x Mudsill O.C. Spacing			Hem-Fir 2x Mudsill O.C. Spacing			Min End Distance	Min C-C Spacing
		Wind	ASCE Seismic Design A & B	ASCE Seismic Design C-E	Wind	ASCE Seismic Design A & B	ASCE Seismic Design C-E		
1/2"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	5-1/2"	7-1/4"
	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"		
5/8"	6'-0"	5'-4"	5'-4"	5'-4"	5'-0"	5'-0"	5'-0"	5-1/2"	7-1/4"
	4'-0"	3'-7"	3'-7"	3'-7"	3'-4"	3'-4"	3'-4"		

- 1) Place anchors not more than 1'-0" from end of each mudsill per code.
- 2) Spacing is based on parallel to mudsill load direction only.
- 3) Concrete shall have a minimum $f'_c = 2,500$ psi.
- 4) Spacing applies to a maximum of 1 in 4 FA4 Foundation Anchors being installed to mudsill and stud.
- 5) Spacing requirements are based on lateral load capacities of anchor bolts published in the 2018 NDS.