

Section Properties - Wooden Posts									
Post Size	D _p	b	d	E _{min}	A	I	S	F _b '	M _{allow}
	lbs / ft	in	in	msi	in ²	in ⁴	in ³	ksi	kip-ft
#2 Southern Pine - Pressure Treated									
4 x 4	6.2	3.5	3.5	0.510	12.250	12.505	7.146	1.760	1.05
6 x 4*	9.8	3.5	5.5	0.510	19.250	48.526	17.646	1.373	2.01
6 x 6	15.3	5.5	5.5	0.510	30.250	76.255	27.729	1.600	3.70
Western Red Cedar									
4 x 4	2.0	3.5	3.5	0.370	12.250	12.505	7.146	1.120	0.67
6 x 4*	3.5	3.5	5.5	0.370	19.250	48.526	17.646	0.941	1.38
6 x 6	4.8	5.5	5.5	0.370	30.250	76.255	27.729	1.120	2.59
Post Size	lbs / ft	in	in	msi	in ²	in ⁴	in ³	ksi	kip-ft
	D _p	b	d	E _{min}	A	I	S	F _b '	M _{allow}

* 6 x 4 posts must be oriented with long direction perpendicular to the fencing

Calculations per NDS