



CITY OF PERRIS

DEVELOPMENT SERVICES DEPARTMENT
 BUILDING AND SAFETY DIVISION
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Span Tables

2007 California Building Code
Table 2308.10.2(1); 2308.10.3(1); 2308.8 (2)

Douglas Fir - Larch No.2 or Better "E" = 1.6

Size (inches)	Live Load Dead Load		Spacing (inches)	20 psf 10 psf	10 psf 5 psf	40 psf 10 psf
	"Fb"			Rafter < 12 in 12 Spans (ft.-ins.)	Ceiling Joist Spans (ft.- ins.)	Floor Joist Spans (ft.- ins.)
	(7 days) Rafter	Joist				
2x4		1510	12.0		12-5	
			16.0			
			19.2			
			24.0			
2x6	1635	1310	12.0	16-7	19-6	10-9
			16.0	14-4	17-8	9-9
			19.2	13-1	16-7	9-1
			24.0	11-9	14-10	8-1
2x8	1510	1210	12.0	21-0	25-8	14-2
			16.0	18-2	23-10	12-7
			19.2	16-7	21-0	11-6
			24.0	14-10	18-9	10-3
2x10	1385	1105	12.0	25-8	26-0*	17-9
			16.0	22-3	26-0*	15-5
			19.2	20-3	25-8	14-1
			24.0	18-2	22-1	12-7
2x12	1260	1005	12.0	26-0*		20-7
			16.0	25-9		17-10
			19.2	23-6		16-3
			24.0	21-0		14-7

***Exceeds 26'; check sources for availability of lumber.**