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City of Victorville

Department of Development

Planning ◆ **Building** ◆ Code Enforcement

Conventional Framing Span Tables For Douglas Fir-Larch (North) No. 2

(2007 CBC)

Nominal Member Size	On Center Spacing	Roof Rafters Maximum Allowable Span (no ceiling)
2 x 4 Only on lattice patios	12”	9’-10”
	16”	8’-11”
	24”	7”-10”
2 x 6	12”	15’-6”
	16”	14’-1”
	24”	11’-9”
2 x 8	12”	20’-0”
	16”	18’-2”
	24”	14’-10”
2 x 10	12”	20’-0”
	16”	20’-0”
	24”	18’-2”
2 x 12	12”	20’-0”
	16”	20’-0”
	24”	20’-0”
All rafter material shall have a minimum structural grade of #2		

HEADER SIZE AND SPAN

Rafter Span	Post Spacing	Header Size
Maximum Rafter Span 20’ See chart above for span and spacing of rafters	4’	4 x 4
	6’	4 x 6
	8’	4 x 8
	10’	4 x 10
	12’	4 x 12
All header material shall have a minimum structural grade of #1		

*This sheet shall be for reference only and shall not be a substitute for accurate drawings prepared for each individual construction project.