

Patio covers are one-story structures not exceeding 12' in height. Enclosed wall may be of any configuration, provided the open area of the longer wall and one additional wall is equal to at least 65% of the area below a minimum of 6'8" of each wall measured from the floor. Openings may be enclosed with insect screening or plastic that is readily removable translucent or transparent plastic not more than 0.125 in thickness or tempered glass.

Patio cover may be detached or attached to other buildings as accessories to group M; group Division 3; or to single dwelling units in group R Division Occupancies. Patio covers shall be used for recreation, outdoor living purpose and not as carports, garages, storage rooms or habitable rooms. Consult the Planning Division regarding Zoning Ordinance criteria for placement of all patios.

<b>2" x 4"</b>	<b>DF#2</b>	<i>Red Wood</i>
12" ON CENTER	8'2"	6'8"
16" ON CENTER	7'1"	5'9"
24" ON CENTER	5'9"	4'8"

<b>2" x 6"</b>	<b>DF#2</b>	<i>Red Wood</i>
12" ON CENTER	12'10"	10'6"
16" ON CENTER	10'1"	9'1"
24" ON CENTER	9'1"	7'5"

<b>2" x 8"</b>	<b>DF#2</b>	<i>Red Wood</i>
12" ON CENTER	16'10"	13'10"
16" ON CENTER	14'7"	12'0"
24" ON CENTER	11'11"	9'9"

<b>2" x 10"</b>	<b>DF#2</b>	<i>Red Wood</i>
12" ON CENTER	21'6"	17'9"
16" ON CENTER	18'8"	15'4"
24" ON CENTER	15'3"	12'6"

All lumber span for beams are based on Douglas Fir-South #2 or better

<b>POST SPACING</b>	<b>MINIMUM BEAM SIZE</b>						
	<b>RAFTER SPAN IN FEET</b>						
	6'	8'	10'	12'	14'	16'	18'
6'	4"X6"	4"X6"	4"X6"	4"X6"	4"X6"	4"X8"	4"X8"
8'	4"X6"	4"X6"	4"X8"	4"X8"	4"X8"	4"X10"	4"X10"
10'	4"X8"	4"X8"	4"X10"	4"X10"	4"X10"	4"X12"	4"X12"
12'	4"X10"	4"X10"	4"X12"	4"X12"	4"X12"	4"X14"	4"X14"
14'	4"X12"	4"X12"	4"X14"	4"X14"	4"X14"	4"X14"	4"X16"

**SECTION MODULUS OF BEAMS**

2X4	3.06	2X6	7.56	2X8	13.14	2X10	21.39
4X6	17.65	4X12	73.83	6X6	27.73	6X12	121.23
4X8	30.66	4X14	102.41	6X8	51.56	6X14	167.06
4X10	49.91	4X16	135.66	6X10	82.73	6X16	220.23

You can use beam with equal to or larger section modules than required