

(A) Minimum Beam Size						
Post Spacing	Span of Patio Rafters					
	6 feet	8 feet	10 feet	12 feet	14 feet	16 feet
4 feet	4x4	4x4	4x6	4x6	4x6	4x6
6 feet	4x4	4x4	4x6	4x6	4x6	4x6
7 feet	4x4	4x6	4x6	4x6	4x6	4x6
8 feet	4x6	4x6	4x6	4x6	4x6	4x6
9 feet	4x6	4x6	4x6	4x6	4x6	4x8
10 feet	4x6	4x6	4x6	4x8-6x6	4x8-6x6	4x10-6x8
11 feet	4x8-6x6	4x8-6x6	4x8-6x6	4x8-6x6	4x8-6x6	4x10-6x8
12 feet	4x8-6x6	4x8-6x6	4x8-6x6	4x8-6x6	4x10-6x8	4x10-6x8
13 feet	4x8-6x6	4x8-6x6	4x8-6x6	4x8-6x6	4x10-6x8	4x10-6x8
14 feet	4x8-6x6	4x8-6x6	4x8-6x8	4x10-6x8	4x10-6x8	4x12-6x10
15 feet	4x8-6x6	4x8-6x6	4x10-6x8	4x10-6x8	4x12-6x10	4x12-6x10
16 feet	4x10-6x8	4x10-6x8	4x10-6x8	4x12-6x10	4x12-6x10	4x12-6x10
17 feet	4x10-6x8	4x10-6x8	4x10-6x8	4x12-6x10	4x12-6x10	4x12-6x10
18 feet	4x10-6x8	4x10-6x8	4x12-6x10	4x12-6x10	4x12-6x10	4x14-6x12
19 feet	4x10-6x8	4x10-6x8	4x12-6x10	4x12-6x10	4x12-6x10	4x14-6x12
20 feet	4x10-6x8	4x12-6x10	4x12-6x10	4x12-6x10	4x14-6x12	4x14-6x12

(B) Patio Footing Schedule						
Post Spacing	Span of Patio Rafters					
	6 feet	8 feet	10 feet	12 feet	14 feet	16 feet
4 feet	4" slab	4" slab	4" slab	12x12	12x12	12x12
6 feet	4" slab	4" slab	12x12	12x12	12x12	12x12
7 feet	4" slab	12x12	12x12	12x12	12x12	12x12
8 feet	12x12	12x12	12x12	12x12	12x12	12x12
9 feet	12x12	12x12	12x12	12x12	12x12	14x14
10 feet	12x12	12x12	12x12	12x12	14x14	16x16
11 feet	12x12	12x12	12x12	14x14	15x15	17x17
12 feet	12x12	12x12	13x13	15x15	16x16	18x18
13 feet	12x12	12x12	14x14	16x16	18x18	20x20
14 feet	12x12	13x13	14x14	18x18	19x19	21x21
15 feet	12x12	14x14	15x15	19x19	20x20	23x23
16 feet	13x13	15x15	16x16	20x20	21x21	24x24
17 feet	14x14	16x16	18x18	20x20	22x22	26x26
18 feet	15x15	17x17	19x19	22x22	24x24	27x27
19 feet	16x16	18x18	20x20	24x24	25x25	29x29
20 feet	16x16	19x19	21x21	25x25	26x26	30x30

Notes
Attached patio footings shall be 12" into undisturbed soil, 3-1/2" above grade
Attached patio footings larger than 15" shall be provided with 2- #4 bar each way
Freestanding patio footings shall extend 24" minimum into undisturbed soil
The use of a 4" slab shall only apply to attached patio structures

Tables Based on Lumber Species Douglas Fir #2



Beam & Footing Size Schedule		Date Approved	1/14/16
		Building Official	<i>[Signature]</i>
Patio Cover Chart		Updated	7/2015
		YCBS Det No.	601-10
Building Safety	Yuma County Department of Development Services		