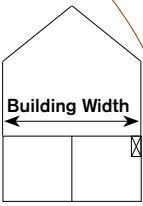
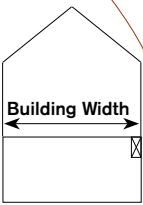


**Additional Girder & Header Span Tables for Code Check Building 5th edition (per note at bottom right of page 30)**

- A. Based on No. 2 grade Douglas fir-larch, hem-fir, Southern pine, and spruce-pine-fir.
- B. Building width is measured perpendicular to ridge. For building widths between those shown, spans listed in table are permitted to be interpolated.
- C. Where top of header not laterally braced (e.g., cripple studs bearing on header as in **F51**), spans for 2 x 8, 2 x 10, or 2 x 12 to be multiplied by 0.70.
- D. Number of jack studs reqd to support each end. If NJ=1, headers are permitted to be supported by an approved framing anchor to the full-height wall stud.

		<b>TABLE 30B GIRDER &amp; HEADER SPANS IN FEET-INCHES FOR EXTERIOR BEARING WALLS<sup>A</sup> ♦ T602.7(1)</b>																	
		Ground Snow Load																	
		30 psf						50 psf						70 psf					
		Building Width <sup>B</sup> (ft.)																	
Nominal Sizes	12		24		36		12		24		36		12		24		36		
	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	
1-2 x 6	3-3	1	2-7	2	2-2	2	3-0	2	2-4	2	2-0	2	2-9	2	2-2	2	1-10	2	
1-2 x 8	4-1	2	3-3	2	2-9	2	3-9	2	3-0	2	2-6	3	3-6	2	2-9	2	2-4	3	
1-2 x 10	4-11	2	3-10	2	3-3	3	4-6	2	3-6	3	3-0	3	4-1	2	3-3	3	2-9	3	
1-2 x 12	5-9	2	4-6	3	3-10	3	5-3	2	4-2	3	3-6	3	4-10	3	3-10	3	3-3	4	
2-2 x 4	3-3	1	2-6	1	2-2	1	3-0	1	2-4	1	2-0	1	2-8	1	2-2	1	1-10	1	
2-2 x 6	4-10	1	3-9	1	3-3	2	4-5	1	3-6	2	3-0	2	4-1	1	3-3	2	2-9	2	
2-2 x 8	6-1	1	4-10	2	4-1	2	5-7	2	4-5	2	3-9	2	5-2	2	4-1	2	3-6	2	
2-2 x 10	7-3	2	5-8	2	4-10	2	6-8	2	5-3	2	4-5	2	6-1	2	4-10	2	4-1	2	
2-2 x 12	8-6	2	6-8	2	5-8	2	7-10	2	6-2	2	5-3	3	7-2	2	5-8	2	4-10	3	
3-2 x 8	7-8	1	6-0	1	5-1	2	7-0	1	5-6	2	4-8	2	6-5	1	5-1	2	4-4	2	
3-2 x 10	9-1	1	7-2	2	6-1	2	8-4	1	6-7	2	5-7	2	7-8	2	6-1	2	5-2	2	
3-2 x 12	10-8	2	8-5	2	7-2	2	9-10	2	7-8	2	6-7	2	9-0	2	7-1	2	6-1	2	
4-2 x 8	8-10	1	6-11	1	5-11	1	8-1	1	6-4	1	5-5	2	7-5	1	5-11	1	5-0	2	
4-2 x 10	10-6	1	8-3	2	7-0	2	9-8	1	7-7	2	6-5	2	8-10	1	7-0	2	6-0	2	
4-2 x 12	12-4	1	9-8	2	8-3	2	11-4	2	8-11	2	7-7	2	10-4	2	8-3	2	7-0	2	

		<b>TABLE 30C GIRDER &amp; HEADER SPANS IN FEET-INCHES FOR EXTERIOR BEARING WALLS<sup>A</sup> ♦ T602.7(1)</b>																	
		Ground Snow Load																	
		30 psf						50 psf						70 psf					
		Building Width <sup>B</sup> (ft.)																	
Nominal Sizes	12		24		36		12		24		36		12		24		36		
	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	
1-2 x 6	2-11	2	2-3	2	1-11	2	2-9	2	2-1	2	1-9	2	2-7	2	2-0	2	1-8	2	
1-2 x 8	3-9	2	2-10	2	2-5	3	3-6	2	2-8	2	2-3	3	3-3	2	2-6	3	2-2	3	
1-2 x 10	4-5	2	3-5	3	2-10	3	4-2	2	3-2	3	2-8	3	3-11	2	3-0	3	2-6	3	
1-2 x 12	5-2	2	4-0	3	3-4	3	4-10	3	3-9	3	3-2	4	4-7	3	3-6	3	3-0	4	
2-2 x 4	2-11	1	2-3	1	1-10	1	2-9	1	2-1	1	1-9	1	2-7	1	2-0	1	1-8	1	
2-2 x 6	4-4	1	3-4	2	2-10	2	4-1	1	3-2	2	2-8	2	3-10	1	3-0	2	2-6	2	
2-2 x 8	5-6	2	4-3	2	3-7	2	5-2	2	4-0	2	3-4	2	4-10	2	3-9	2	3-2	2	
2-2 x 10	6-7	2	5-0	2	4-2	2	6-1	2	4-9	2	4-0	2	5-9	2	4-5	2	3-9	3	
2-2 x 12	7-9	2	5-11	2	4-11	3	7-2	2	5-7	2	4-8	3	6-9	2	5-3	3	4-5	3	
3-2 x 8	6-11	1	5-3	2	4-5	2	6-5	1	5-0	2	4-2	2	6-1	1	4-8	2	4-0	2	
3-2 x 10	8-3	2	6-3	2	5-3	2	7-8	2	5-11	2	5-0	2	7-3	2	5-7	2	4-8	2	
3-2 x 12	9-8	2	7-5	2	6-2	2	9-0	2	7-0	2	5-10	2	8-6	2	6-7	2	5-6	3	
4-2 x 8	8-0	1	6-1	1	5-1	2	7-5	1	5-9	2	4-10	2	7-0	1	5-5	2	4-7	2	
4-2 x 10	9-6	1	7-3	2	6-1	2	8-10	1	6-10	2	5-9	2	8-4	1	6-5	2	5-5	2	
4-2 x 12	11-2	2	8-6	2	7-2	2	10-5	2	8-0	2	6-9	2	9-10	2	7-7	2	6-5	2	

**Additional Girder & Header Span Tables for Code Check Building 5th edition (per note at bottom right of page 30)**

- A. Based on No. 2 grade Douglas fir-larch, hem-fir, Southern pine, and spruce-pine-fir.
- B. Building width is measured perpendicular to ridge. For building widths between those shown, spans listed in table are permitted to be interpolated.
- C. Where top of header not laterally braced (e.g., cripple studs bearing on header as in **F51**), spans for 2 x 8, 2 x 10, or 2 x 12 to be multiplied by 0.70.
- D. Number of jack studs reqd to support each end. If NJ=1, headers are permitted to be supported by an approved framing anchor to the full-height wall stud.

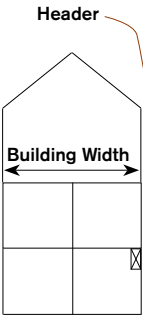
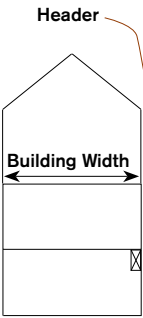
TABLE 30D		GIRDER & HEADER SPANS IN FEET-INCHES FOR EXTERIOR BEARING WALLS <sup>A</sup> ♦ T602.7(1)																	
	Nominal Sizes	Ground Snow Load																	
		30 psf						50 psf						70 psf					
		Building Width <sup>B</sup> (ft.)																	
		12		24		36		12		24		36		12		24		36	
		Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>
1-2 x 6	2-8	2	2-1	2	1-10	2	2-7	2	2-0	2	1-9	2	2-5	2	1-11	2	1-8	2	
1-2 x 8	3-5	2	2-8	2	2-4	3	3-3	2	2-7	2	2-2	3	3-1	2	2-5	3	2-1	3	
1-2 x 10	4-0	2	3-2	3	2-9	3	3-10	2	3-1	3	2-7	3	3-8	2	2-11	3	2-5	3	
1-2 x 12	4-9	3	3-9	3	3-2	4	4-6	3	3-7	3	3-1	4	4-3	3	3-5	3	2-11	4	
2-2 x 4	2-8	1	2-1	1	1-9	1	2-6	1	2-0	1	1-8	1	2-5	1	1-11	1	1-7	1	
2-2 x 6	4-0	1	3-2	2	2-8	2	3-9	1	3-0	2	2-7	2	3-7	1	2-10	2	2-5	2	
2-2 x 8	5-0	2	4-0	2	3-5	2	4-10	2	3-10	2	3-3	2	4-7	2	3-7	2	3-1	2	
2-2 x 10	6-0	2	4-9	2	4-0	2	5-8	2	4-6	2	3-10	3	5-5	2	4-3	2	3-8	3	
2-2 x 12	7-0	2	5-7	2	4-9	3	6-8	2	5-4	3	4-6	3	6-4	2	5-0	3	4-3	3	
3-2 x 8	6-4	1	5-0	2	4-3	2	6-0	1	4-9	2	4-1	2	5-8	2	4-6	2	3-10	2	
3-2 x 10	7-6	2	5-11	2	5-1	2	7-1	2	5-8	2	4-10	2	6-9	2	5-4	2	4-7	2	
3-2 x 12	8-10	2	7-0	2	5-11	2	8-5	2	6-8	2	5-8	3	8-0	2	6-4	2	5-4	3	
4-2 x 8	7-3	1	5-9	1	4-11	2	6-11	1	5-6	2	4-8	2	6-7	1	5-2	2	4-5	2	
4-2 x 10	8-8	1	6-10	2	5-10	2	8-3	2	6-6	2	5-7	2	7-10	2	6-2	2	5-3	2	
4-2 x 12	10-2	2	8-1	2	6-10	2	9-8	2	7-8	2	6-7	2	9-2	2	7-3	2	6-2	2	

TABLE 30E		GIRDER & HEADER SPANS IN FEET-INCHES FOR EXTERIOR BEARING WALLS <sup>A</sup> ♦ T602.7(1)																	
	Nominal Sizes	Ground Snow Load																	
		30 psf						50 psf						70 psf					
		Building Width <sup>B</sup> (ft.)																	
		12		24		36		12		24		36		12		24		36	
		Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>	Span <sup>C</sup>	NJ <sup>D</sup>
1-2 x 6	2-3	2	1-9	2	1-5	2	2-3	2	1-9	2	1-5	3	2-2	2	1-8	2	1-5	3	
1-2 x 8	2-10	2	2-2	3	1-10	3	2-10	2	2-2	3	1-10	3	2-9	2	2-1	3	1-10	3	
1-2 x 10	3-4	2	2-7	3	2-2	3	3-4	3	2-7	3	2-2	4	3-3	3	2-6	3	2-2	4	
1-2 x 12	4-0	3	3-0	3	2-7	4	4-0	3	3-0	4	2-7	4	3-10	3	3-0	4	2-6	4	
2-2 x 4	2-3	1	1-8	1	1-4	1	2-3	1	1-8	1	1-4	1	2-2	1	1-8	1	1-4	2	
2-2 x 6	3-4	1	2-6	2	2-2	2	3-4	2	2-6	2	2-2	2	3-3	2	2-6	2	2-1	2	
2-2 x 8	4-3	2	3-3	2	2-8	2	4-3	2	3-3	2	2-8	2	4-1	2	3-2	2	2-8	3	
2-2 x 10	5-0	2	3-10	2	3-2	3	5-0	2	3-10	2	3-2	3	4-10	2	3-9	3	3-2	3	
2-2 x 12	5-11	2	4-6	3	3-9	3	5-11	2	4-6	3	3-9	3	5-8	2	4-5	3	3-9	3	
3-2 x 8	5-3	1	4-0	2	3-5	2	5-3	2	4-0	2	3-5	2	5-1	2	3-11	2	3-4	2	
3-2 x 10	6-3	2	4-9	2	4-0	2	6-3	2	4-9	2	4-0	2	6-1	2	4-8	2	4-0	3	
3-2 x 12	7-5	2	5-8	2	4-9	3	7-5	2	5-8	2	4-9	3	7-2	2	5-6	3	4-8	3	
4-2 x 8	6-1	1	4-8	2	3-11	2	6-1	1	4-8	2	3-11	2	5-11	1	4-7	2	3-10	2	
4-2 x 10	7-3	2	5-6	2	4-8	2	7-3	2	5-6	2	4-8	2	7-0	2	5-5	2	4-7	2	
4-2 x 12	8-6	2	6-6	2	5-6	2	8-6	2	6-6	2	5-6	2	8-3	2	6-4	2	5-4	3	