

Application Tables: Single-Story Headers	Roof Loading	Clear Opening (ft.)	Product	Width of House (feet)						
				20	24	26	30	32	36	40
<p>Width of house</p> <p>Clear opening</p>	Simple Span Non-Snow (LDF = 1.25) 20 PSF Live 20 PSF Dead	6'3"	BigBeam	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2
				5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2
			Stock Glulam	3 1/8 x 6	3 1/8 x 6	3 1/8 x 6	3 1/8 x 6	3 1/8 x 6	3 1/8 x 6	3 1/8 x 7 1/2
			5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	
		1.8E-IJC	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	
			3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	
	9'3"	BigBeam	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	
			5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	
		Stock Glulam	3 1/8 x 7 1/2	3 1/8 x 7 1/2	3 1/8 x 7 1/2	3 1/8 x 9	3 1/8 x 9	3 1/8 x 9	3 1/8 x 9	
		5 1/8 x 6	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2		
	1.8E-IJC	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2		
		3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2		
12'3"	BigBeam	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 11 7/8	3 1/2 x 11 7/8		
		5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2		
	Stock Glulam	3 1/8 x 9	3 1/8 x 10 1/2	3 1/8 x 10 1/2	3 1/8 x 10 1/2	3 1/8 x 12	3 1/8 x 12	3 1/8 x 12		
	5 1/8 x 9	5 1/8 x 9	5 1/8 x 9	5 1/8 x 9	5 1/8 x 9	5 1/8 x 9	5 1/8 x 10 1/2			
1.8E-IJC	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8			
	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8			
16'3"	BigBeam	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14		
		5 7/16 x 9 1/2	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8		
	Stock Glulam	3 1/8 x 12	3 1/8 x 13 1/2	3 1/8 x 13 1/2	3 1/8 x 15	3 1/8 x 15	3 1/8 x 15	3 1/8 x 16 1/2		
	5 1/8 x 10 1/2	5 1/8 x 10 1/2	5 1/8 x 12	5 1/8 x 12	5 1/8 x 12	5 1/8 x 12	5 1/8 x 13 1/2			
1.8E-IJC	3 1/2 x 11 7/8	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16			
	3 1/2 x 11 7/8	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16			
18'3"	BigBeam	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16	3 1/2 x 16		
		5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 14	5 7/16 x 14	5 7/16 x 14		
	Stock Glulam	3 1/8 x 13 1/2	3 1/8 x 15	3 1/8 x 15	3 1/8 x 16 1/2	3 1/8 x 16 1/2	3 1/8 x 16 1/2	3 1/8 x 18		
	5 1/8 x 12	5 1/8 x 12	5 1/8 x 13 1/2	5 1/8 x 13 1/2	5 1/8 x 13 1/2	5 1/8 x 13 1/2	5 1/8 x 15			
1.8E-IJC	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16	3 1/2 x 16	3 1/2 x 16	3 1/2 x 18			
	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16	3 1/2 x 16	3 1/2 x 16	3 1/2 x 18			

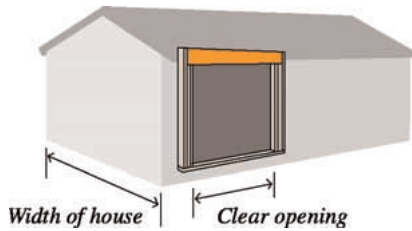
Notes for Single-Story Header Table:

- (1) Service condition = dry.
- (2) Maximum deflection under live load = L/240. Maximum deflection under total load = L/180.
- (3) Maximum 2 foot roof overhang.
- (4) Dead loads are in addition to the weight of the beam, which is assumed to be 35 pcf (36 pcf for BigBeam).
- (5) Sufficient bearing length shall be provided for resisting applied loads.
- (6) The minimum depth is 9 1/2" for BigBeam and 1.8E-IJC.

Application Tables: Single-Story Headers

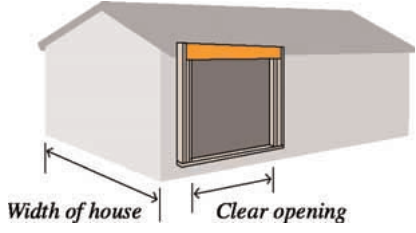
Application Tables: Single-Story Headers

Roof Loading	Clear Opening (ft.)	Product	Width of House (feet)						
			20	24	26	30	32	36	40
Simple Span Snow (LDF=1.15) 30 PSF Live 15 PSF Dead	6'3"	BigBeam	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2
			5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2
		Stock Glulam	3 1/8 x 6	3 1/8 x 6	3 1/8 x 6	3 1/8 x 6	3 1/8 x 7 1/2	3 1/8 x 7 1/2	3 1/8 x 7 1/2
		5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	5 1/8 x 6	
		1.8E-IJC	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2
	9'3"	BigBeam	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2
			5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2
		Stock Glulam	3 1/8 x 7-1/2	3 1/8 x 9	3 1/8 x 9	3 1/8 x 9	3 1/8 x 9	3 1/8 x 10 1/2	3 1/8 x 10 1/2
		5 1/8 x 6	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 7 1/2	5 1/8 x 9	
		1.8E-IJC	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2
	12'3"	BigBeam	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 9 1/2	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8
			5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2	5 7/16 x 9 1/2
		Stock Glulam	3 1/8 x 10 1/2	3 1/8 x 10 1/2	3 1/8 x 12	3 1/8 x 12	3 1/8 x 12	3 1/8 x 13 1/2	3 1/8 x 13 1/2
		5 1/8 x 9	5 1/8 x 9	5 1/8 x 9	5 1/8 x 9	5 1/8 x 10 1/2	5 1/8 x 10 1/2	5 1/8 x 10 1/2	
		1.8E-IJC	3 1/2 x 9 1/2	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 14
	16'3"	BigBeam	3 1/2 x 11 7/8	3 1/2 x 11 7/8	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16
			5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8
		Stock Glulam	3 1/8 x 13 1/2	3 1/8 x 15	3 1/8 x 15	3 1/8 x 15	3 1/8 x 16 1/2	3 1/8 x 16 1/2	3 1/8 x 18
		5 1/8 x 10 1/2	5 1/8 x 12	5 1/8 x 12	5 1/8 x 12	5 1/8 x 13 1/2	5 1/8 x 13 1/2	5 1/8 x 13 1/2	
		1.8E-IJC	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16	3 1/2 x 16	3 1/2 x 16	3 1/2 x 18
	18'3"	BigBeam	3 1/2 x 14	3 1/2 x 14	3 1/2 x 14	3 1/2 x 16	3 1/2 x 16	3 1/2 x 16	3 1/2 x 18
			5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 11 7/8	5 7/16 x 14	5 7/16 x 14	5 7/16 x 14	5 7/16 x 14
		Stock Glulam	3 1/8 x 15	3 1/8 x 16 1/2	3 1/8 x 16 1/2	3 1/8 x 18	3 1/8 x 18	3 1/8 x 19 1/2	3 1/8 x 19 1/2
		5 1/8 x 12	5 1/8 x 13 1/2	5 1/8 x 13 1/2	5 1/8 x 13 1/2	5 1/8 x 15	5 1/8 x 15	5 1/8 x 16 1/2	
	1.8E-IJC	3 1/2 x 14	3 1/2 x 16	3 1/2 x 16	3 1/2 x 16	3 1/2 x 18	3 1/2 x 18	-	



Notes for Single-Story Header Table:

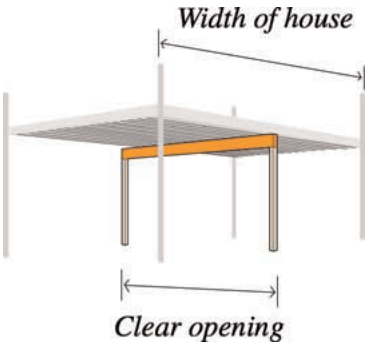
- (1) Service condition = dry.
- (2) Maximum deflection under live load = L/240. Maximum deflection under total load = L/180.
- (3) Maximum 2 foot roof overhang.
- (4) Dead loads are in addition to the weight of the beam, which is assumed to be 35 pcf (36 pcf for BigBeam).
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Application Tables: Single-Story Headers	Roof Loading	Clear Opening (ft.)	Product	Width of House (feet)								
				20	24	26	30	32	36	40		
 <p>Width of house</p> <p>Clear opening</p>	Simple Span Snow (LDF=1.15) 40 PSF Live 15 PSF Dead	6'3"	BigBeam	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	
			Stock Glulam	3/8 x 6 5/8 x 6	3/8 x 6 5/8 x 6	3/8 x 7 1/2 5/8 x 6	3/8 x 7 1/2 5/8 x 6	3/8 x 7 1/2 5/8 x 6	3/8 x 7 1/2 5/8 x 6	3/8 x 7 1/2 5/8 x 6	3/8 x 7 1/2 5/8 x 6	
			1.8E-IJC	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	
		9'3"	BigBeam	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2
			Stock Glulam	3/8 x 9 5/8 x 7 1/2	3/8 x 9 5/8 x 7 1/2	3/8 x 9 5/8 x 7 1/2	3/8 x 10 1/2 5/8 x 7 1/2	3/8 x 10 1/2 5/8 x 9	3/8 x 10 1/2 5/8 x 9	3/8 x 10 1/2 5/8 x 9	3/8 x 12 5/8 x 9	
			1.8E-IJC	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	
	12'3"	BigBeam	3/2 x 9 1/2	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 14	5/16 x 11 7/8	
		Stock Glulam	3/8 x 12 5/8 x 9	3/8 x 12 5/8 x 9	3/8 x 12 5/8 x 10 1/2	3/8 x 13 1/2 5/8 x 10 1/2	3/8 x 13 1/2 5/8 x 10 1/2	3/8 x 15 5/8 x 12	3/8 x 15 5/8 x 12	3/8 x 15		
		1.8E-IJC	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 14	3/2 x 14	3/2 x 14	3/2 x 14		
	16'3"	BigBeam	3/2 x 14	3/2 x 14	3/2 x 14	3/2 x 16	3/2 x 16	3/2 x 16	3/2 x 16	3/2 x 16	5/16 x 14	
		Stock Glulam	3/8 x 15 5/8 x 12	3/8 x 16 1/2 5/8 x 12	3/8 x 16 1/2 5/8 x 13 1/2	3/8 x 18 5/8 x 13 1/2	3/8 x 18 5/8 x 13 1/2	3/8 x 19 1/2 5/8 x 15	3/8 x 19 1/2 5/8 x 15	3/8 x 19 1/2 5/8 x 15		
		1.8E-IJC	3/2 x 14	3/2 x 16	3/2 x 16	3/2 x 16	3/2 x 18	3/2 x 18	3/2 x 18	3/2 x 18		
18'3"	BigBeam	3/2 x 14	3/2 x 16	3/2 x 16	3/2 x 16	3/2 x 18	3/2 x 18	3/2 x 18	3/2 x 18	5/16 x 16		
	Stock Glulam	3/8 x 16 1/2 5/8 x 13 1/2	3/8 x 18 5/8 x 13 1/2	3/8 x 18 5/8 x 15	3/8 x 19 1/2 5/8 x 15	3/8 x 19 1/2 5/8 x 16 1/2	3/8 x 21 5/8 x 16 1/2	3/8 x 22 1/2 5/8 x 18	3/8 x 22 1/2			
	1.8E-IJC	3/2 x 16	3/2 x 18	3/2 x 18	3/2 x 18	-	-	-	-			

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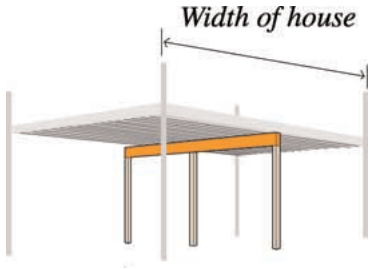
- (1) Service condition = dry.
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- (6) The minimum depth is 9 1/2" for BigBeam and 1.8E-IJC.

Application Tables: Floor Beams

Application Tables: Floor Beams	Floor Loading	Clear Opening (ft.)	Product	Width of House (feet)						
				20	24	26	30	32	36	40
	Simple Span Floor (LDF=1.00) 40 PSF Live 10 PSF Dead	8	BigBeam	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$
				$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$
			Stock Glulam	$3\frac{1}{8} \times 7\frac{1}{2}$	$3\frac{1}{8} \times 9$	$3\frac{1}{8} \times 9$	$3\frac{1}{8} \times 9$	$3\frac{1}{8} \times 9$	$3\frac{1}{8} \times 10\frac{1}{2}$	$3\frac{1}{8} \times 10\frac{1}{2}$
				$5\frac{1}{8} \times 7\frac{1}{2}$	$5\frac{1}{8} \times 7\frac{1}{2}$	$5\frac{1}{8} \times 7\frac{1}{2}$	$5\frac{1}{8} \times 7\frac{1}{2}$	$5\frac{1}{8} \times 7\frac{1}{2}$	$5\frac{1}{8} \times 7\frac{1}{2}$	$5\frac{1}{8} \times 9$
			1.8E-IJC	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$
				$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$
		10	BigBeam	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$
				$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$
			Stock Glulam	$3\frac{1}{8} \times 9$	$3\frac{1}{8} \times 10\frac{1}{2}$	$3\frac{1}{8} \times 10\frac{1}{2}$	$3\frac{1}{8} \times 12$	$3\frac{1}{8} \times 12$	$3\frac{1}{8} \times 12$	$3\frac{1}{8} \times 13\frac{1}{2}$
				$5\frac{1}{8} \times 9$	$5\frac{1}{8} \times 9$	$5\frac{1}{8} \times 9$	$5\frac{1}{8} \times 9$	$5\frac{1}{8} \times 9$	$5\frac{1}{8} \times 9$	$5\frac{1}{8} \times 10\frac{1}{2}$
			1.8E-IJC	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$
				$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 9\frac{1}{2}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$
		12	BigBeam	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$
				$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 9\frac{1}{2}$	$5\frac{7}{16} \times 11\frac{7}{8}$	$5\frac{7}{16} \times 11\frac{7}{8}$	$5\frac{7}{16} \times 11\frac{7}{8}$	$5\frac{7}{16} \times 11\frac{7}{8}$
			Stock Glulam	$3\frac{1}{8} \times 12$	$3\frac{1}{8} \times 12$	$3\frac{1}{8} \times 12$	$3\frac{1}{8} \times 13\frac{1}{2}$	$3\frac{1}{8} \times 13\frac{1}{2}$	$3\frac{1}{8} \times 15$	$3\frac{1}{8} \times 15$
				$5\frac{1}{8} \times 10\frac{1}{2}$	$5\frac{1}{8} \times 10\frac{1}{2}$	$5\frac{1}{8} \times 10\frac{1}{2}$	$5\frac{1}{8} \times 10\frac{1}{2}$	$5\frac{1}{8} \times 12$	$5\frac{1}{8} \times 12$	$5\frac{1}{8} \times 12$
			1.8E-IJC	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$
				$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 11\frac{7}{8}$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$
		16	BigBeam	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 18$
				$5\frac{7}{16} \times 11\frac{7}{8}$	$5\frac{7}{16} \times 14$	$5\frac{7}{16} \times 14$	$5\frac{7}{16} \times 14$	$5\frac{7}{16} \times 14$	$5\frac{7}{16} \times 14$	$5\frac{7}{16} \times 16$
			Stock Glulam	$3\frac{1}{8} \times 15$	$3\frac{1}{8} \times 16\frac{1}{2}$	$3\frac{1}{8} \times 16\frac{1}{2}$	$3\frac{1}{8} \times 18$	$3\frac{1}{8} \times 18$	$3\frac{1}{8} \times 19\frac{1}{2}$	$3\frac{1}{8} \times 21$
				$5\frac{1}{8} \times 13\frac{1}{2}$	$5\frac{1}{8} \times 13\frac{1}{2}$	$5\frac{1}{8} \times 13\frac{1}{2}$	$5\frac{1}{8} \times 15$	$5\frac{1}{8} \times 15$	$5\frac{1}{8} \times 15$	$5\frac{1}{8} \times 16\frac{1}{2}$
			1.8E-IJC	$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 18$	$3\frac{1}{2} \times 18$	$3\frac{1}{2} \times 18$	-
				$3\frac{1}{2} \times 14$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 16$	$3\frac{1}{2} \times 18$	$3\frac{1}{2} \times 18$	$3\frac{1}{2} \times 18$	-
20	BigBeam	$3\frac{1}{2} \times 18$	$3\frac{1}{2} \times 18$	$3\frac{1}{2} \times 18$	$5\frac{7}{16} \times 18$	$5\frac{7}{16} \times 18$	$5\frac{7}{16} \times 18$	$5\frac{7}{16} \times 18$		
		$5\frac{7}{16} \times 16$	$5\frac{7}{16} \times 16$	$5\frac{7}{16} \times 16$	7×16	7×16	7×16	7×18		
	Stock Glulam	$3\frac{1}{8} \times 18$	$3\frac{1}{8} \times 19\frac{1}{2}$	$3\frac{1}{8} \times 21$	$3\frac{1}{8} \times 22\frac{1}{2}$	$3\frac{1}{8} \times 22\frac{1}{2}$	$3\frac{1}{8} \times 24$	$5\frac{1}{8} \times 21$		
		$5\frac{1}{8} \times 16\frac{1}{2}$	$5\frac{1}{8} \times 16\frac{1}{2}$	$5\frac{1}{8} \times 18$	$5\frac{1}{8} \times 18$	$5\frac{1}{8} \times 18$	$5\frac{1}{8} \times 19\frac{1}{2}$	$6\frac{3}{4} \times 18$		
	1.8E-IJC	$3\frac{1}{2} \times 18$	-	-	-	-	-	-		
		$3\frac{1}{2} \times 18$	-	-	-	-	-	-		

Notes for Floor Beam Table:

- (1) Continuous or Non-continuous floor joists are allowed.
- (2) Service condition = dry.
- (3) Maximum deflection under live load = $L/360$. Maximum deflection under total load = $L/240$.
- (4) Dead loads are in addition to the weight of the beam, which is assumed to be 35 pcf (36 pcf for BigBeam).
- (5) Sufficient bearing length shall be provided for resisting applied loads.
- (6) Glulam is located at the centerline of the structure.

Application Tables: Floor Beams	Floor Loading	Clear Opening (ft.)	Product	Width of House (feet)							
				20	24	26	30	32	36	40	
 <p>Column spacing</p>	Multiple Span Floor (LDF=1.00) 40 PSF Live 10 PSF Dead	8	BigBeam	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2
			Stock Glulam	3/8 x 9 5/8 x 9 1/2	3/8 x 9 5/8 x 9 1/2	3/8 x 10 1/2 5/8 x 7 1/2	3/8 x 10 1/2 5/8 x 7 1/2	3/8 x 10 1/2 5/8 x 9	3/8 x 10 1/2 5/8 x 9	3/8 x 12 5/8 x 9	3/8 x 12 5/8 x 9
			1.8E-IJC	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2
		10	BigBeam	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 11 7/8	3/2 x 11 7/8	
			Stock Glulam	3/8 x 10 1/2 5/8 x 9	3/8 x 12 5/8 x 9	3/8 x 12 5/8 x 9	3/8 x 13 1/2 5/8 x 10 1/2	3/8 x 13 1/2 5/8 x 10 1/2	3/8 x 13 1/2 5/8 x 10 1/2	3/8 x 15 5/8 x 12	
			1.8E-IJC	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 9 1/2	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	
	12	BigBeam	3/2 x 9 1/2	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 14		
		Stock Glulam	3/8 x 12 5/8 x 10 1/2	3/8 x 13 1/2 5/8 x 10 1/2	3/8 x 15 5/8 x 12	3/8 x 15 5/8 x 12	3/8 x 16 1/2 5/8 x 12	3/8 x 16 1/2 5/8 x 13 1/2	3/8 x 18 5/8 x 13 1/2		
		1.8E-IJC	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 11 7/8	3/2 x 14	3/2 x 14	3/2 x 14	3/2 x 14		
	16	BigBeam	3/2 x 14	3/2 x 14	3/2 x 14	3/2 x 16	3/2 x 16	3/2 x 16	3/2 x 18		
		Stock Glulam	3/8 x 16 1/2 5/8 x 13 1/2	3/8 x 18 5/8 x 15	3/8 x 19 1/2 5/8 x 15	3/8 x 19 1/2 5/8 x 16 1/2	3/8 x 21 5/8 x 16 1/2	3/8 x 22 1/2 5/8 x 18	3/8 x 22 1/2 5/8 x 18		
		1.8E-IJC	3/2 x 14	3/2 x 16	3/2 x 16	3/2 x 18	3/2 x 18	3/2 x 18	-		
20	BigBeam	3/2 x 16	3/2 x 18	3/2 x 18	5/16 x 16	5/16 x 16	5/16 x 18	5/16 x 18			
	Stock Glulam	3/8 x 21 5/8 x 16 1/2	3/8 x 22 1/2 5/8 x 18	3/8 x 24 5/8 x 18	5/8 x 19 1/2 5/8 x 19 1/2	5/8 x 21 6 3/4 x 18	5/8 x 21 6 3/4 x 19 1/2	5/8 x 22 1/2 6 3/4 x 19 1/2			
	1.8E-IJC	3/2 x 18	-	-	-	-	-	-			

Notes for Floor Beam Table:

- (1) Continuous or Non-continuous floor joists are allowed.
- (2) Service condition = dry.
- (3) Maximum deflection under live load = L/360. Maximum deflection under total load = L/240.
- (4) Dead loads are in addition to the weight of the beam, which is assumed to be 35 pcf (36 pcf for BigBeam).
- (5) Sufficient bearing length shall be provided for resisting applied loads.
- (6) Glulam is located at the centerline of the structure and the post is located at the center of the member.
- (7) For all other structural configurations, use Rosboro KeyBeam® design software for analysis.