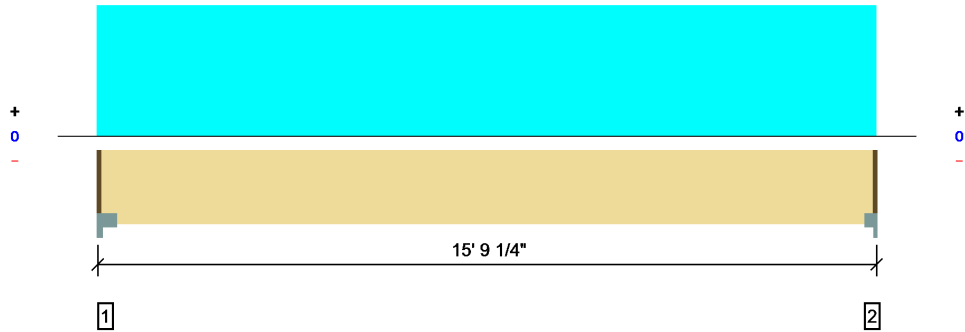


Overall Length: 15' 9 1/4"



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDf	Load: Combination (Pattern)
Member Reaction (lbs)	5469 @ 15' 7 1/4"	5906 (2.25")	Passed (93%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	3734 @ 1' 9 1/2"	10640	Passed (35%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	17620 @ 7' 11 5/8"	31114	Passed (57%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.157 @ 7' 11 5/8"	0.382	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.428 @ 7' 11 5/8"	0.764	Passed (L/428)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

System : Floor  
 Member Type : Flush Beam  
 Building Use : Residential  
 Building Code : IBC  
 Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 8' 4 3/16" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Total	
1 - Column Cap - steel	5.50"	4.25"	2.13"	3580	1235	1538	6353	1 1/4" Rim Board
2 - Column Cap - steel	3.50"	2.25"	2.08"	3505	1209	1506	6220	1 1/4" Rim Board

- Rim Board is assumed to carry all loads applied directly above it, bypassing the member being designed.

Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.25)	Comments
1 - Uniform (PSF)	0 to 15' 9 1/4"	1'	15.0	40.0	-	Residential - Living Areas
2 - Uniform (PLF)	0 to 15' 9 1/4"	N/A	164.0	-	193.0	T11 TRUSSES
3 - Uniform (PLF)	0 to 15' 9 1/4"	N/A	120.0	-	-	2ND FLOOR WALL
4 - Uniform (PLF)	0 to 15' 9 1/4"	N/A	135.0	115.0	-	2ND FLOOR ROOF

**Weyerhaeuser Notes**

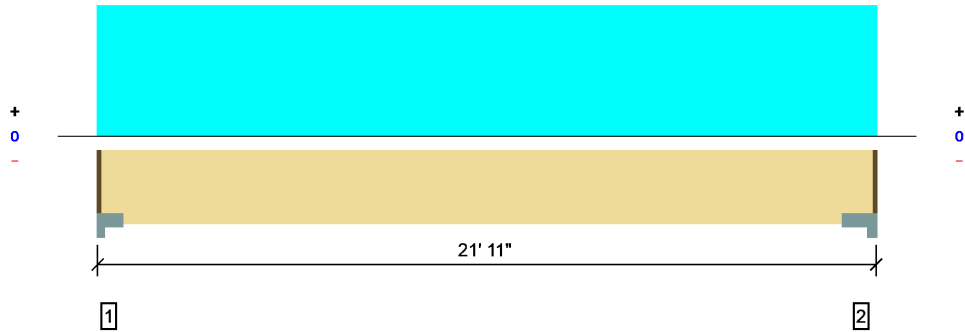
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The product application, input design loads, dimensions and support information have been provided by Forte Software Operator



Forte Software Operator	Job Notes
Jeremy Payne Builders First Source (904) 772-6100 jeremy.payne@bldr.com	

Overall Length: 21' 11"



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDf	Load: Combination (Pattern)
Member Reaction (lbs)	10083 @ 5 3/4"	23625 (6.00")	Passed (43%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	8052 @ 2' 3 1/4"	19950	Passed (40%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	50531 @ 10' 10 3/8"	70744	Passed (71%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.478 @ 10' 10 3/8"	0.519	Passed (L/522)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.648 @ 10' 10 3/8"	1.039	Passed (L/384)	--	1.0 D + 1.0 L (All Spans)

System : Floor  
 Member Type : Flush Beam  
 Building Use : Residential  
 Building Code : IBC  
 Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 7' 8 11/16" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Column Cap - steel	7.25"	6.00"	2.56"	2681	7497	10178	1 1/4" Rim Board
2 - Column Cap - steel	9.50"	8.25"	2.61"	2727	7626	10353	1 1/4" Rim Board

- Rim Board is assumed to carry all loads applied directly above it, bypassing the member being designed.

Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 21' 11"	1'	15.0	40.0	Residential - Living Areas
2 - Uniform (PLF)	0 to 21' 11"	N/A	203.0	650.0	F02 FLOOR TRUSSES W/ GAME ROOM LOAD

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