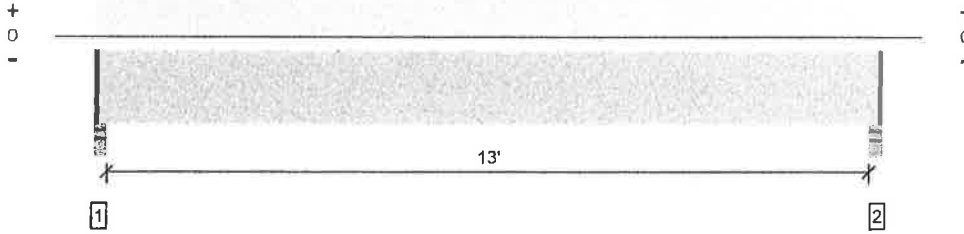


3 piece(s) 1 3/4" x 11 7/8" 1.9E Microllam® LVL

Overall Length: 13' 7"



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)	5097 @ 2"	5020 (2.25")	Passed (102%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Shear (lbs)	4200 @ 1' 3 3/8"	13622	Passed (31%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Moment (Ft-lbs)	16727 @ 6' 9 1/2"	30788	Passed (54%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Live Load Defl. (in)	0.284 @ 6' 9 1/2"	0.331	Passed (L/560)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Total Load Defl. (in)	0.412 @ 6' 9 1/2"	0.663	Passed (L/386)	--	1.0 D + 0.75 L + 0.75 S (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 13' 4 1/2" 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	Snow	Total	
1 - Stud wall - SPF	3.50"	2.25"	2.28"	1609	1902	2853	6364	1 1/4" Rim Board
2 - Stud wall - SPF	3.50"	2.25"	2.28"	1609	1902	2853	6364	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)	Snow (1.15)	Comments
1 - Uniform(PSF)	0 to 13' 7"	7'	10.0	40.0	-	Residential - Living Areas
2 - Uniform(PLF)	0 to 13' 7"	N/A	80.0	-	-	2nd floor exterior wall
3 - Uniform(PSF)	0 to 13' 7"	7'	10.0	-	60.0	roof load

Member Notes
 McAulliffe Residence

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



<p>Forte Software Operator</p> <p>Jeffrey Smith Hammond Lumber Co (207) 373-9629 jfsmith@hammondlumber.com</p>	<p>Job Notes</p>
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