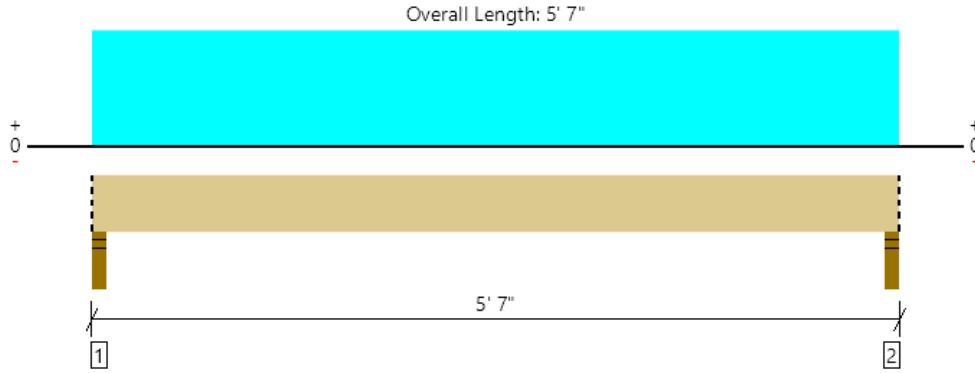


Level, H4
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



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)	1073 @ 2"	5206 (3.50")	Passed (21%)	--	1.0 D (All Spans)
Shear (lbs)	665 @ 1' 3/4"	5536	Passed (12%)	0.90	1.0 D (All Spans)
Moment (Ft-lbs)	1325 @ 2' 9 1/2"	10083	Passed (13%)	0.90	1.0 D (All Spans)
Live Load Defl. (in)	0.000 @ 0	0.175	Passed (2L/999+)	--	1.0 D (All Spans)
Total Load Defl. (in)	0.019 @ 2' 9 1/2"	0.262	Passed (L/999+)	--	1.0 D (All Spans)

System : Floor
Member Type : Flush Beam
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)		Accessories
	Total	Available	Required	Dead	Factored	
1 - Stud wall - SPF	3.50"	3.50"	1.50"	1073	1073	Blocking
2 - Stud wall - SPF	3.50"	3.50"	1.50"	1073	1073	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	5' 7" o/c	
Bottom Edge (Lu)	5' 7" o/c	

- Maximum allowable bracing intervals based on applied load.

Multiple Member Connections								
Type	Location	Fastener		Placement	Rows	O.C.	# of Fasteners	Details
Uniform	0 to 5' 7"	10d Nail (0.128" x 3") [1]		One Face	3	12"	--	L17

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Comments
0 - Self Weight (PLF)	0 to 5' 7"	N/A	9.4	
1 - Uniform (PLF)	0 to 5' 7" (Front)	N/A	375.0	F105

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