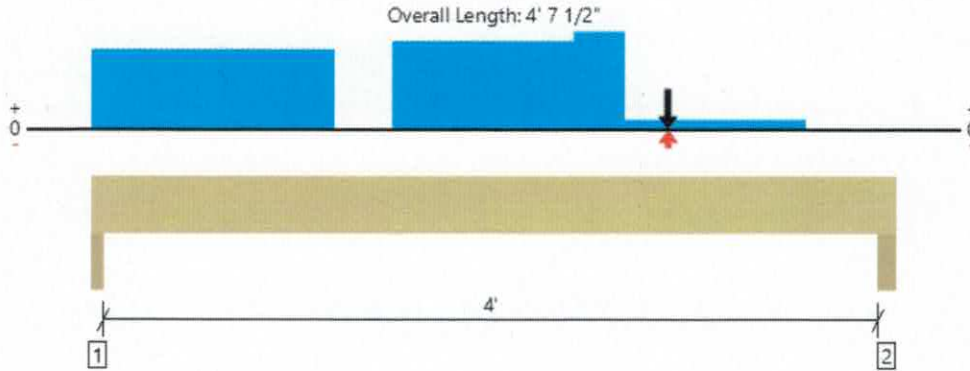


Level, Wall: Header  
 2 piece(s) 1 3/4" x 9 1/2" 2.0E Microllam® LVL



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)	8030 @ 4' 4 1/2"	11813 (4.50")	Passed (68%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	7932 @ 3' 5 1/2"	7897	Passed (100%)	1.25	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	8482 @ 3' 3 3/4"	14719	Passed (58%)	1.25	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.045 @ 2' 9 1/4"	0.142	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.073 @ 2' 9 1/4"	0.213	Passed (L/698)	--	1.0 D + 1.0 Lr (All Spans)

System : Wall  
 Member Type : Header  
 Building Use : Residential  
 Building Code : IBC 2015  
 Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Top Edge Bracing (Lu): Top compression edge must be braced at 4' 8" o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 4' 8" o/c unless detailed otherwise.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Roof Live	Snow	Total	
1 - Trimmer - DF	3.00"	3.00"	1.70"	1776	2695	2310	6781	None
2 - Trimmer - DF	4.50"	4.50"	3.06"	3058	4972	4262	12292	None

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (non-snow: 1.25)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 to 4' 7 1/2"	N/A	9.7	--	--	
1 - Uniform (PLF)	0 to 1' 4 3/4"	N/A	462.0	673.0	576.0	Default Load
2 - Uniform (PLF)	1' 8 3/4" to 3' 3/4"	N/A	566.0	714.0	612.0	
3 - Uniform (PLF)	2' 9 1/4" to 4' 1 1/4"	N/A	48.0	86.0	74.0	
4 - Point (lb)	3' 3 3/4"	N/A	3326	6355	4853	
5 - Point (lb)	3' 3 3/4"	N/A	-	-694	-	

**Weyerhaeuser Notes**

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



ForteWEB Software Operator	Job Notes
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