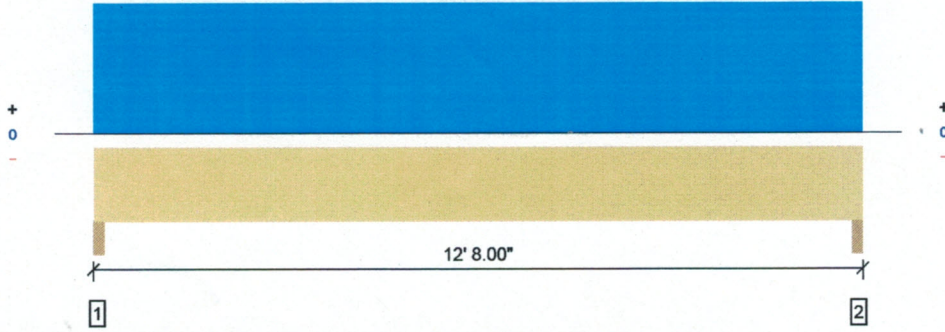


Overall Length: 12' 8.00"



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)	3279 @ 1.50"	11419 (3.00")	Passed (29%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	2762 @ 1' 0.00"	8978	Passed (31%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	9979 @ 6' 4.00"	15969	Passed (62%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.319 @ 6' 4.00"	0.414	Passed (L/467)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.458 @ 6' 4.00"	0.621	Passed (L/325)	--	1.0 D + 1.0 L (All Spans)

System : Floor
 Member Type : Flush Beam
 Building Use : Residential
 Building Code : IBC 2009
 Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 12' 8.00" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- Resawn products must maintain manufacturing stamps.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Trimmer - HF	3.00"	3.00"	1.50"	999	2280	3279	None
2 - Trimmer - HF	3.00"	3.00"	1.50"	999	2280	3279	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Floor Live (1.00)	Comments
0 - Self Weight (PLF)	0 to 12' 8.00"	N/A	13.8		
1 - Uniform (PSF)	0 to 12' 8.00" (Front)	12' 0.00"	12.0	30.0	Residential - Sleeping Areas

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
Guy Poisson Hammond Lumber (207) 495-3303 gpoisson@hammondlumber.com	Julie Littell 89 Phipps Road Portland, Me 04103