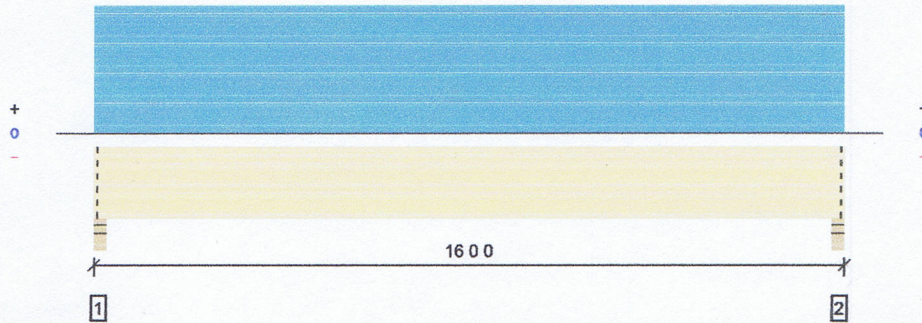


LVL #2

Overall Length: 16 0 0



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)	5546 @ 0 2 0	7809 (3.50")	Passed (71%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	4658 @ 1 3 6	11845	Passed (39%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	21268 @ 8 0 0	26772	Passed (79%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.511 @ 8 0 0	0.522	Passed (L/368)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.681 @ 8 0 0	0.783	Passed (L/276)	--	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/360) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 13 3 9 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 - Stud wall - SPF	3.50"	3.50"	2.49"	1386	4160	5546	Blocking
2 - Stud wall - LSL	3.50"	3.50"	1.66"	1386	4160	5546	Blocking

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

Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 0 0 to 16 0 0	13 0 0	12.0	40.0	Residential - Living 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
Santo Ruzzi Bluelinx (207) 432-6741 Santo.Ruzzi@bluelinxco.com	Butman