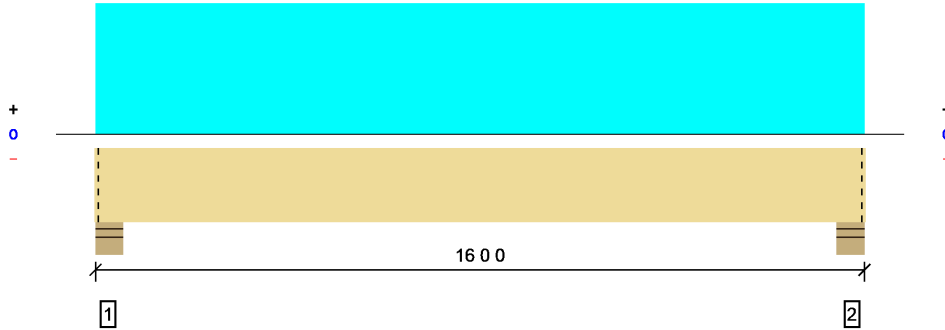


Overall Length: 16 0 0



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)	16765 @ 15 6 0	16757 (7.51")	Passed (100%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Shear (lbs)	12310 @ 2 1 8	20648	Passed (60%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Moment (Ft-lbs)	58926 @ 8 0 0	66849	Passed (88%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Live Load Defl. (in)	0.376 @ 8 0 0	0.500	Passed (L/478)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Total Load Defl. (in)	0.539 @ 8 0 0	0.750	Passed (L/334)	--	1.0 D + 0.75 L + 0.75 S (All Spans)

System : Floor
 Member Type : Drop 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 4 2 8 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	7.51"	7.51"	7.51"	5065	8320	7280	20665	Blocking
2 - Stud wall - SPF	7.51"	7.51"	7.51"	5065	8320	7280	20665	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)	Snow (1.15)	Comments
1 - Uniform (PSF)	0 0 0 to 16 0 0	13 0 0	12.0	40.0	-	Residential - Living Areas
2 - Uniform (PLF)	0 0 0 to 16 0 0	N/A	100.0	-	-	wall
3 - Uniform (PSF)	0 0 0 to 16 0 0	13 0 0	12.0	40.0	-	2nd floor
4 - Uniform (PSF)	0 0 0 to 16 0 0	13 0 0	15.0	-	70.0	snow load

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
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