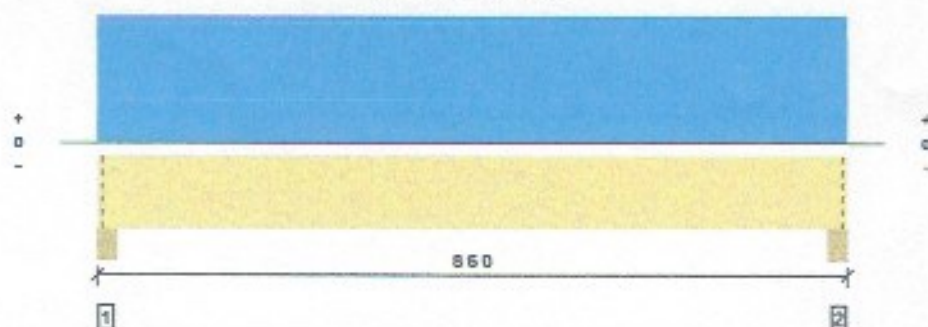


**Overall Length: 8 6 0**


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)	2904 @ 0 4 0	13956 (5.50")	Passed (21%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	2178 @ 1 0 12	4821	Passed (45%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	5242 @ 4 3 0	7115	Passed (74%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.216 @ 4 3 0	0.261	Passed (L/435)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.284 @ 4 3 0	0.392	Passed (L/331)	--	1.0 D + 1.0 L (All Spans)

 System : Floor  
 Member Type : Drop Beam  
 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 8 6 0 o/c unless detailed otherwise.
- Bottom Edge Bracing (Lu): Bottom compression edge must be braced at 8 6 0 o/c unless detailed otherwise.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Column - SPF	5.50"	5.50"	1.50"	694	2210	2904	Blocking
2 - Column - SPF	5.50"	5.50"	1.50"	694	2210	2904	Blocking

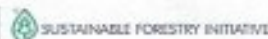
- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Loads	Location (Side)	Tributary Width	Dead (0.90)	Floor Live (1.00)	Comments
0 - Self Weight (PLF)	0 0 0 to 8 6 0	N/A	7.4		
1 - Uniform (PSF)	0 0 0 to 8 6 0 (Front)	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



*Sam Cook*  
*Eldredge lumber*

Forte Software Operator	Job Notes
Santo Ruzzi Bluebird (207) 432-6741 Santo.Ruzzi@bluebirdco.com	

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