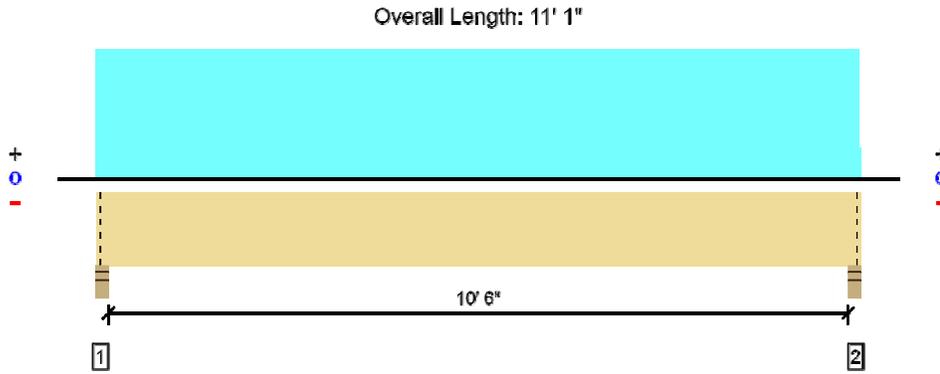




Reviewed for Code Compliance  
 Inspections Division  
 Approved with Conditions

Date: 12/08/14



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)	2857 @ 2"	4961 (3.50")	Passed (58%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	2196 @ 1' 3 3/8"	7897	Passed (28%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	7446 @ 5' 6 1/2"	17848	Passed (42%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.125 @ 5' 6 1/2"	0.358	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.179 @ 5' 6 1/2"	0.538	Passed (L/720)	--	1.0 D + 1.0 L (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 11' 1" 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 - HF	3.50"	3.50"	2.02"	862	1995	2857	Blocking
2 - Stud wall - HF	3.50"	3.50"	2.02"	862	1995	2857	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 to 11' 1"	12'	12.0	30.0	Residential - Sleeping Areas

Member Notes
Roland Residence 26 Woodvale st. Portland, Me.

Weyerhaeuser Notes
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Forte Software Operator	Job Notes
Chris Burnett Hammond Lumber Company (207) 495-1234 cburnett@hammondlumber.com	

11/24/2014 12:54:20 PM  
 Forte v4.6, Design Engine: V6.1.1.5