Inspections Division
Date: 05/01/14

FORTE MEMBER REPORT *Level, Floor: Flush Beam*

PASSED

2 piece(s) 1 3/4" x 11 7/8" 1.9E Microllam® LVL

Overall Length: 14' 0.00"

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)	3902 @ 1.50"	7613 (3.00")	Passed (51%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	3211 @ 1' 2.88"	7897	Passed (41%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	13175 @ 7' 0.00"	17848	Passed (74%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.365 @ 7' 0.00"	0.458	Passed (L/452)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.522 @ 7' 0.00"	0.688	Passed (L/316)	--	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 10' 6.60" 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 - Trimmer - HF	3.00"	3.00"	1.54"	1172	2730	3902	None
2 - Trimmer - HF	3.00"	3.00"	1.54"	1172	2730	3902	None

Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 14' 0.00"	13' 0.00"	12.0	30.0	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

SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
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