FORTE®

MEMBER REPORT *Level, Wall: Header*

2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/06/17

Overall Length: 9 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)	4689 @ 0 1 8	7613 (3.00")	Passed (62%)	--	1.0 D + 1.0 S (All Spans)
Shear (lbs)	3465 @ 1 2 14	9081	Passed (38%)	1.15	1.0 D + 1.0 S (All Spans)
Moment (Ft-lbs)	10558 @ 4 9 0	20525	Passed (51%)	1.15	1.0 D + 1.0 S (All Spans)
Live Load Defl. (in)	0.155 @ 4 9 0	0.308	Passed (L/718)	--	1.0 D + 1.0 S (All Spans)
Total Load Defl. (in)	0.196 @ 4 9 0	0.463	Passed (L/567)	--	1.0 D + 1.0 S (All Spans)

System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2009
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 9 6 0 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	Snow	Total	
1 - Trimmer - SPF	3.00"	3.00"	1.85"	984	3705	4689	None
2 - Trimmer - SPF	3.00"	3.00"	1.85"	984	3705	4689	None

Loads	Location (Side)	Tributary Width	Dead (0.90)	Snow (1.15)	Comments
0 - Self Weight (PLF)	0 0 0 to 9 6 0	N/A	12.1		
1 - Uniform (PSF)	0 0 0 to 9 6 0	13 0 0	15.0	60.0	Ground snow

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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