FORTE®

MEMBER REPORT *Level, Wall: Header*

3 piece(s) 1 3/4" x 9 1/2" 2.0E Microllam® LVL

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 01/26/15

Overall Length: 9' 3.00"

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)	5308 @ 0	5709 (1.50")	Passed (93%)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Shear (lbs)	4256 @ 11.00"	10898	Passed (39%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Moment (Ft-lbs)	12276 @ 4' 7.50"	20312	Passed (60%)	1.15	1.0 D + 0.75 L + 0.75 S (All Spans)
Live Load Defl. (in)	0.198 @ 4' 7.50"	0.308	Passed (L/561)	--	1.0 D + 0.75 L + 0.75 S (All Spans)
Total Load Defl. (in)	0.280 @ 4' 7.50"	0.463	Passed (L/396)	--	1.0 D + 0.75 L + 0.75 S (All Spans)

System : Wall
Member Type : Header
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 9' 3.00" 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 - Trimmer - HF	1.50"	1.50"	1.50"	1562	1665	3330	6557	None
2 - Trimmer - HF	1.50"	1.50"	1.50"	1562	1665	3330	6557	None

Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Snow (1.15)	Comments
1 - Uniform (PSF)	0 to 9' 3.00"	12' 0.00"	12.0	30.0	-	Residential - Sleeping Areas
2 - Uniform (PSF)	0 to 9' 3.00"	12' 0.00"	15.0	-	60.0	

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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