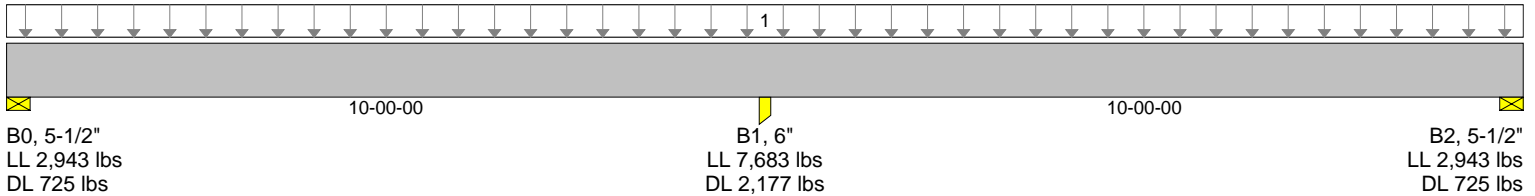


Job Name: Nelson Remodel  
 Address: 88 Codman Street  
 City, State, Zip: Portland, ME 04101  
 Customer:  
 Code reports: ESR-1040

 File Name: BC  
 Description: FB01  
 Specifier:  
 Designer: Carl Chretien  
 Company: Chretien Construction Inc  
 Misc:


Total Horizontal Product Length = 20-00-00

					Live	Dead	Snow	Wind	Roof Live	Trib. (in.)
<b>Load Summary</b>	<b>Tag</b>	<b>Description</b>	<b>Load Type</b>	<b>Ref. Start End</b>	<b>100%</b>	<b>90%</b>	<b>115%</b>	<b>133%</b>	<b>125%</b>	
	1	Standard Load	Unf. Area (psf)	L 00-00-00 20-00-00	40	10				16-00-00

<b>Controls Summary</b>	Value	% Allowable	Duration	Case	Span
Pos. Moment	6,800 ft-lbs	16.0%	100%	14	1 - Internal
Neg. Moment	-9,470 ft-lbs	22.3%	100%	1	1 - Right
End Shear	2,478 lbs	15.7%	100%	14	1 - Left
Cont. Shear	3,912 lbs	24.8%	100%	1	1 - Right
Total Load Defl.	L/2,244 (0.051")	21.4%		16	2
Live Load Defl.	L/2,621 (0.044")	18.3%		16	2
Total Neg. Defl.	L/-8,430 (-0.014")	5.7%		16	1
Max Defl.	0.051"	10.3%		16	2
Span / Depth	9.7	n/a			1

**Disclosure**

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.

<b>Bearing Supports</b>	Dim. (L x W)	Value	% Allow Support	% Allow Member	Material
B0	Wall/Plate 5-1/2" x 7"	3,667 lbs	16.9%	12.7%	Southern Pine
B1	Post 6" x 7"	9,861 lbs	0.2%	31.3%	Steel
B2	Wall/Plate 5-1/2" x 7"	3,667 lbs	16.9%	12.7%	Southern Pine

BC CALC®, BC FRAMER®, AJST™, ALLJOIST®, BC RIM BOARD™, BCI®, BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND®, VERSA-STUD® are trademarks of Boise Cascade, L.L.C.

**Notes**

Design meets User specified (L/480) Total load deflection criteria.  
 Design meets User specified (L/480) Live load deflection criteria.  
 Design meets arbitrary (0.5") Maximum load deflection criteria.