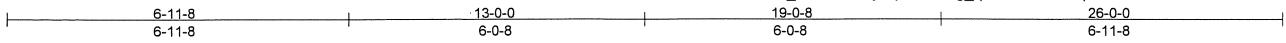


Job	Truss	Truss Type	Qty	Ply	STANDARDS IRC 2009	117608499
STANDARDS_IRC_2009	S26C	STANDARD	1	1	Job Reference (optional)	

Mainly Trusses, Inc., Fairfield, ME

7.250 e Mar 23 2011 MITek Industries, Inc. Tue Mar 29 07:43:29 2011 Page 1
 ID:ktRAUbx3WC_8nRHUFFzjo8yKHBz-2g_q0EPbXaZ3P1qb7SzCOFTbGQISOJhSw54A11zW8MC



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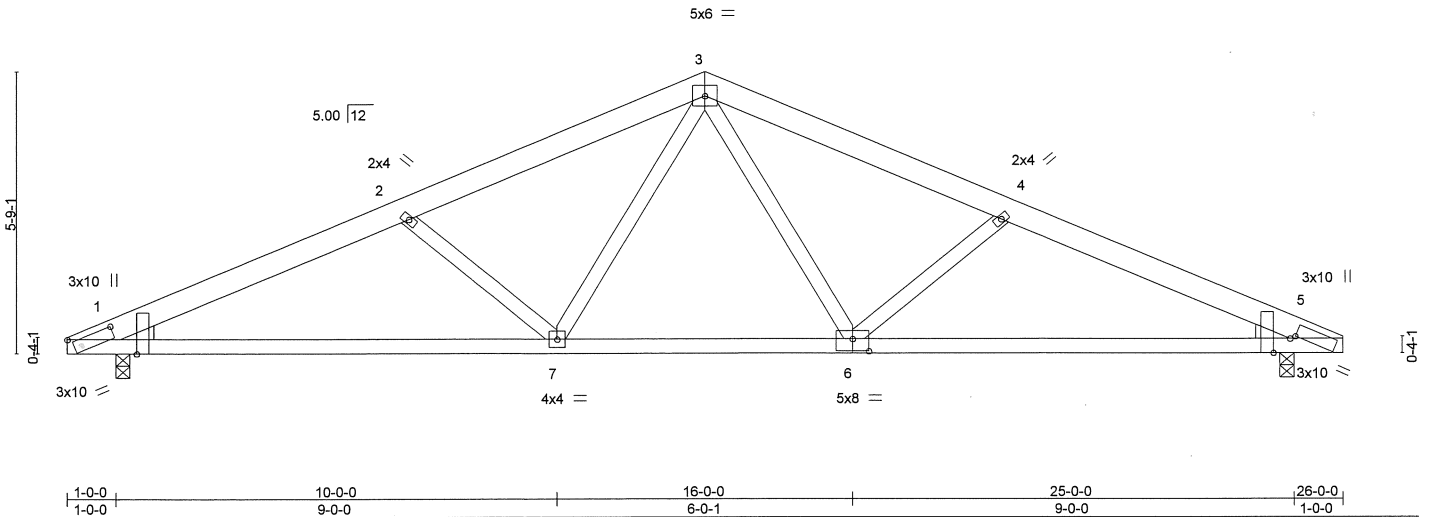


Plate Offsets (X,Y): [1:0-3-8,Edge], [1:0-11-0,0-1-0], [5:0-3-8,Edge], [5:0-1-0,0-1-0], [6:0-4-0,0-3-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 61.6	Plates Increase 1.15	TC 0.89	Vert(LL) -0.21 5-6 >999 240	MT20	197/144
(Ground Snow=80.0)	Lumber Increase 1.15	BC 0.78	Vert(TL) -0.54 5-6 >544 180		
TCDL 7.0	Rep Stress Incr YES	WB 0.34	Horz(TL) 0.13 5 n/a n/a		
BCLL 0.0	Code IRC2009/TPI2007	(Matrix)		Weight: 104 lb	FT = 15%
BCDL 10.0					

LUMBER

TOP CHORD 2 X 6 SPF No.2
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 SPF No.2
 WEDGE
 Left: 2 X 4 SPF No.2, Right: 2 X 4 SPF No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-1-3 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-0-15 oc bracing.

MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size)

5=1928/0-3-8 (min. 0-3-0), 1=1928/0-3-8 (min. 0-3-0)
 Max Horz 1=84(LC 7)
 Max Uplift 5=-323(LC 8), 1=-323(LC 7)

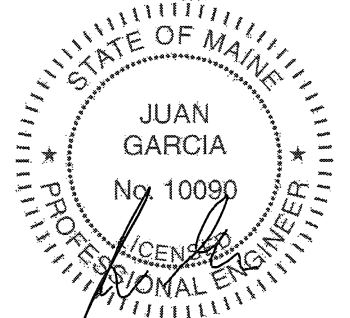
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-2=-3740/650, 2-3=-3056/517, 3-4=-3056/517, 4-5=-3740/651
 BOT CHORD 1-7=-602/3307, 6-7=-262/2256, 5-6=-519/3307
 WEBS 2-7=-1065/349, 3-7=-153/974, 3-6=-153/974, 4-6=-1066/350

NOTES

- 1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pg=80.0 psf (ground snow); Ps=61.6 psf (roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Roof design snow load has been reduced to account for slope.
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 5=323, 1=323.
- 7) This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard



March 29, 2011

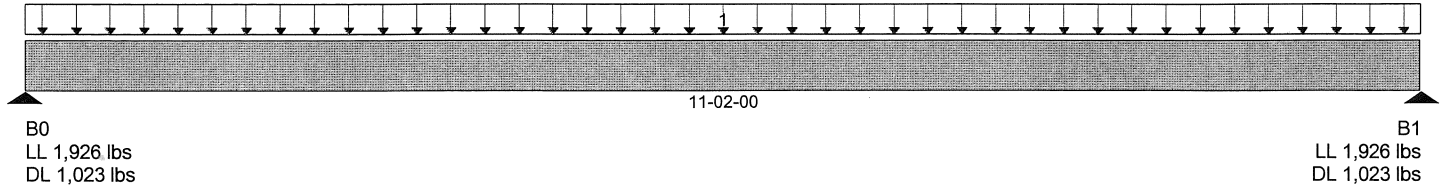
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7471 rev. 10-08 BEFORE USE.
 Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, D58-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 781 N. Lee Street, Suite 312, Alexandria, VA 22314.



14515 N. Outer Forty, Suite #300
 Chesterfield, MO 63017

Job Name: Gertrude St.
Address:
City, State, Zip: Portland, ME
Customer: Rufus Deering
Code reports: ESR-1040

File Name: Daryl.BCC
Description: FB01
Specifier:
Designer: Chipper Roberts
Company: Boise Structural Solutions
Misc:



Total of Horizontal Design Spans = 11-02-00

					Live	Dead	Snow	Wind	Roof Live	Trib.	
Tag	Description	Load Type	Ref.	Start	End	100%	90%	115%	133%	125%	
1	Standard Load	Unf. Area (psf)	L	00-00-00	11-02-00	30	15				11-06-00

Controls Summary	Value	% Allowable	Duration	Case	Span
Pos. Moment	8,233 ft-lbs	65.5%	100%	1	1 - Internal
End Shear	2,592 lbs	35.8%	100%	1	1 - Left
Total Load Defl.	L/242 (0.554")	99.3%		1	1
Live Load Defl.	L/370 (0.362")	97.2%		1	1
Max Defl.	0.554"	55.4%		1	1
Span / Depth	18.5	n/a			1

Disclosure

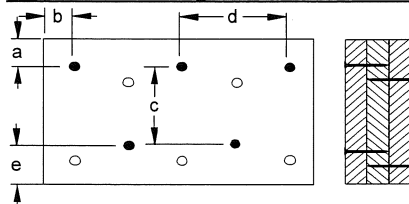
Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current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

BC CALC®, BC FRAMER®, AJS™, 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 Wood Products L.L.C.

Notes

Design meets Code minimum (L/240) Total load deflection criteria.
Design meets Code minimum (L/360) Live load deflection criteria.
Design meets arbitrary (1") Maximum load deflection criteria.
Minimum bearing length for B0 is 1-1/2".
Minimum bearing length for B1 is 1-1/2".
Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing

Connection Diagram



a minimum = 2" c = 2-1/4"
b minimum = 3" d = 24"
e minimum = 3"

Nailing schedule applies to both sides of the member.
Member has no side loads.
Connectors are: 16d Sinker Nails



Triple 1-3/4" x 18" VERSA-LAM® 2.0 3100 SP

Floor Beam\FB03

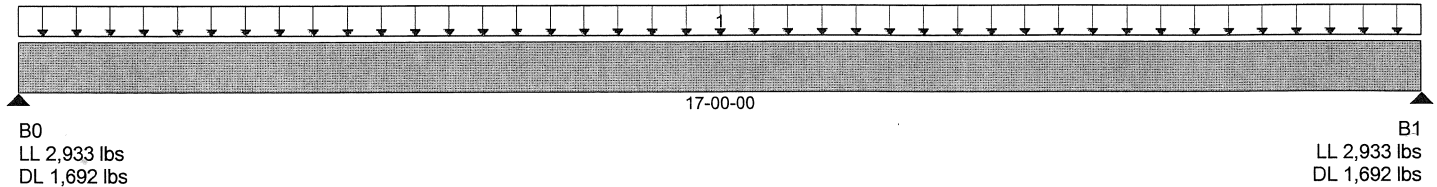
BC CALC® 3.0 Design Report - US
Build 517

1 span | No cantilevers | 0/12 slope

Wednesday, February 22, 2012

Job Name: Gertrude St.
Address:
City, State, Zip: Portland, ME
Customer: Rufus Deering
Code reports: ESR-1040

File Name: Daryl.BCC
Description: FB03
Specifier:
Designer: Chipper Roberts
Company: Boise Structural Solutions
Misc:



Total of Horizontal Design Spans = 17-00-00

Load Summary					Live	Dead	Snow	Wind	Roof Live	Trib.	
Tag	Description	Load Type	Ref.	Start	End	100%	90%	115%	133%	125%	
1	Standard Load	Unf. Area (psf)	L	00-00-00	17-00-00	30	15				11-06-00

Controls Summary	Value	% Allowable	Duration	Case	Span
Pos. Moment	19,656 ft-lbs	28.1%	100%	1	1 - Internal
End Shear	3,769 lbs	21.0%	100%	1	1 - Left
Total Load Defl.	L/1,018 (0.2")	23.6%		1	1
Live Load Defl.	L/1,606 (0.127")	22.4%		1	1
Max Defl.	0.2"	20.0%		1	1
Span / Depth	11.3	n/a			1

Disclosure

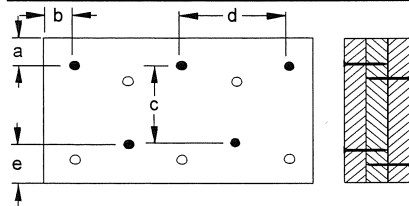
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