



3679 S. Huron St., Suite 404
 Englewood, CO 80110
 Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITTAL

01 November, 2011

WGCM Submittal No. 06100 - 001.A

PROJECT: HAROLD D. THOMPSON W.R.F.
 9001 Birdsall Road.
 Fountain, Colorado 80817

ENGINEER: G.M.S. Inc.
 611 North Weber St. # 300
 Colorado Springs, CO 80239
 719-475-2935 Roger Sams

OWNER: Lower Fountain Metropolitan Sewage Disposal District
 901 South Santa Fe Avenue
 Fountain, CO 80817

CONTRACTOR: Lam-Wood systems, Inc.
 1580 W. 47th Avenue,
 Denver, CO 80211
 303-458-1736.

SUBJECT Revised Roof Truss Shop Drawings
 • **GMS review comments attached.**

SPEC SECTION: 06100 - Carpentry

PREVIOUS SUBMISSION DATES: 16 September 2011

DEVIATIONS FROM SPEC: YES X NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver General Construction and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto.

Contractor's Stamp:

Date: 11-01-2011
 Reviewed by: *[Signature]*
 (X) Reviewed Without Comments
 () Reviewed With Comments

Engineer's Stamp:

ENGINEER'S COMMENTS: _____

GMS, INC.
CONSULTING ENGINEERS
611 NORTH WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903-1074

TELEPHONE (719) 475-2935
TELEFAX (719) 475-2938

EDWARD D. MEYER, P.E.
ROGER J. SAMS, P.E.
GREGORY R. WORDEN, P.E.
THOMAS A. McCLERNAN, P.E.

Sub - 06100-001
16 Sept 2011

KEN L. WHITE, P.L.S.
DAVID R. FRISCH, P.L.S.
MARK A. MORTON, P.E.
JASON D. MEYER, P.E.

October 11, 2011

Mr. Wes Weaver, President
Weaver Construction Management, Inc.
3679 South Huron Street, Suite 404
Englewood, CO 80110

*Via Email to: wes@weavergc.com
No Hard Copy to Follow*

Re: Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)
Lower Fountain Metropolitan Sewage Disposal District (LFMSDD)

Dear Wes:

Reference is made to your shop submittal identified as follows:

Submittal No.:	06100-001
Date of Submittal:	September 16, 2011
Title:	Roof Truss Drawings and Configurations
Specification Section:	06100
Manufacturer:	(Foxworth Galbraith for Lam-Wood Systems)

The referenced submittal has been stamped "**Revise and Resubmit**". Our comments are as follows:

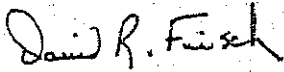
1. Product data must be received for the lumber, plywood, metal framing anchors, metal connector plates and hardware and fasteners.
2. Shop drawings for wood trusses must include the species and species group of the lumber to be provided.
3. The design calculations for each truss include a note "Architect to verify adequacy of top chord dead load." The engineer designing the trusses must provide certification that the top chord is adequate to handle the dead load.
4. All shop drawings for trusses must include all the design data and calculations and must be signed by a professional engineer licensed to practice in the State of Colorado.
5. The shop drawings for wood trusses must have a certification of compliance signed by an officer of the truss fabricating firm certifying that the metal plate connecting wood trusses furnished for this project comply with all specified requirements.

Mr. Wes Weaver
October 11, 2011
Page 2

6. Please reference the attached redline markups for additional revisions required.

Please call if you should have any questions.

Sincerely,



David R. Frisch, P.L.S.

DRF/kmw

cc (letter only):

Mr. Jim Heckman, Manager, LFMSDD, lfmanager@lfmsdd.org

Ms. Cindy Murray, Office Manager, Fountain Sanitation District, fsdistrict@fsd901.org

Mr. Jeff Burst, Project Supt., Weaver Construction Management, Inc., jeff@weaverqc.com

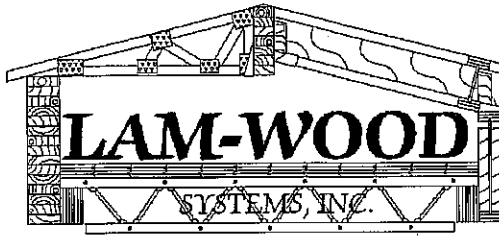
Mr. John Jacob, Project Mgr., Weaver Construction Management, Inc., john@weaverqc.com

Ms. Leslie Brown, Weaver Construction Management, Inc., leslie@weaverqc.com

Mr. Michael Gaines, P.E., MGA Structural Engineers, mg@mgase.com

cc (letter only):

Mr. Jerry Miller, Resident Project Representative, GMS, Inc.



1580 W 47th AVE. DENVER, CO 80211
 (303) 458-1736, FAX (303) 458-1739

TO: Weaver General Construction, Co.
3679 S Huron Street #404
Englewood, CO 80110
303-789-4111

LETTER OF TRANSMITTAL

DATE: <u>10/28/11</u>	JOB NO.: <u>10609ML</u>
ATTENTION: <u>John Jacobs</u>	
RE: <u>Harold D Thompson Reg WRF</u>	
<u>Fountain, CO 80817</u>	
<u>john@weavergc.com & leslie@weavergc.com</u>	

We are sending you:

Attached
 Under separate cover

Via: e-mail, see above

The following items:

- Shop Drawings Prints Plans Specifications
 Copy of Letter Change order Samples _____

COPIES	DATE	NO.	DESCRIPTION
1			Roof Truss shop drawings
			REVISED & RESUBMITTED FOR APPROVAL ONLY ✓

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted submit _____ copies for distribution
 As requested Returned for corrections Return 1 corrected prints
 For Review and Comment _____
 For Bids due : _____ 20 _____ Prints returned after loan to Lam-Wood

REMARKS: _____

COPY TO: File

SIGNED: _____

Michael Levy

MiTek Industries, Inc.

7777 Greenback Lane
Suite 109
Citrus Heights, CA, 95610
Telephone 916/676-1900
Fax 916/676-1909

Re: B1104093
B1104093-Harold H. Thompson

The truss drawing(s) referenced below have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Foxworth Galbraith-Colorado Springs.

Pages or sheets covered by this seal: R33797722 thru R33797740

My license renewal date for the state of Colorado is February 28, 2012.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.



October 27, 2011

Ong, Choo Soon

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI 1.

Job B1104093	Truss CJ01	Truss Type DIAGONAL HIP GIRDER	Qty 4	Ply 1	B1104093-Harold H. Thompson Job Reference (optional)	R33797722
-----------------	---------------	-----------------------------------	----------	----------	---	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:07 2011 Page 1
ID:clgk14T?6OW901JOKW7q9Lykgz3-WTtWQfCJRK0T4mT5xaQ8ix9E3XxUVkI8tH?cx7yPBjg

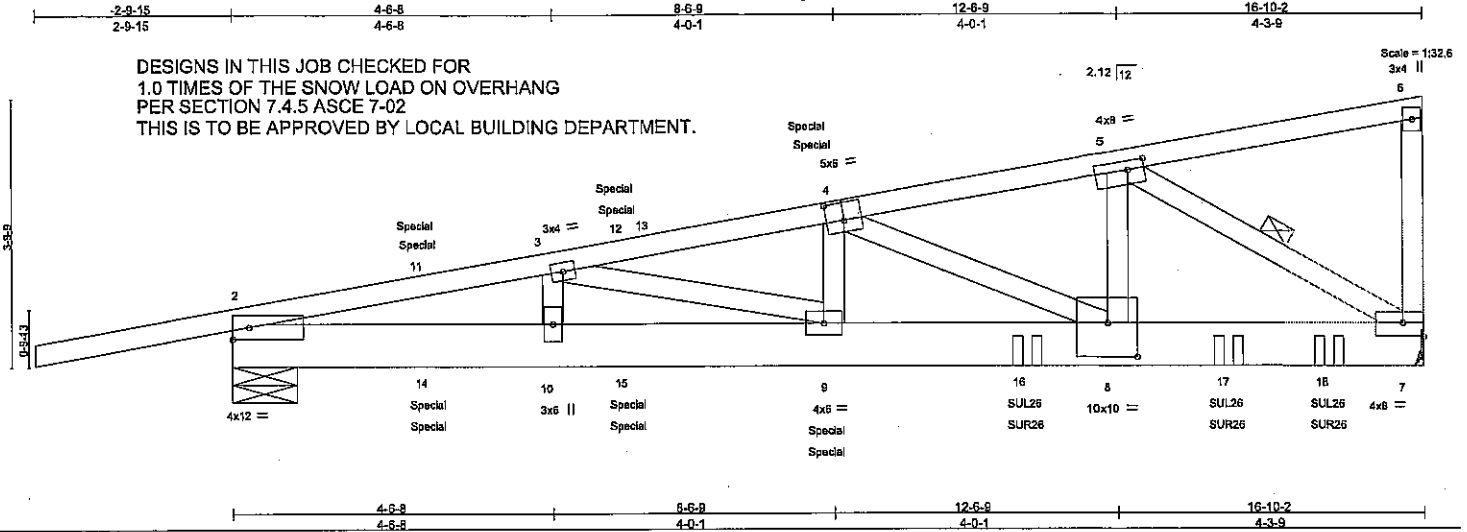


Plate Offsets (X,Y): [4:0-3-0-0-3-0], [5:0-2-12,0-1-8], [7:Edge,0-2-4], [8:0-5-0-0-5-12]

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr NO Code IBC2006/TPI2002	CSI TC 0.93 BC 0.86 WB 0.83 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.19 9-10 >999 360 Vert(TL) -0.34 9-10 >569 240 Horz(TL) 0.05 7 n/a n/a	PLATES MT20 GRIP 169/123 Weight: 95 lb FT = 0%
--	--	---	--	--

LUMBER

TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 8 SYP DSS
WEBS 2 X 4 WW Stud/Std *Except*
6-7,5-8,5-7: 2 X 4 SPF No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-6-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-5-0 oc bracing.
WEBS 1 Row at midpt 5-7

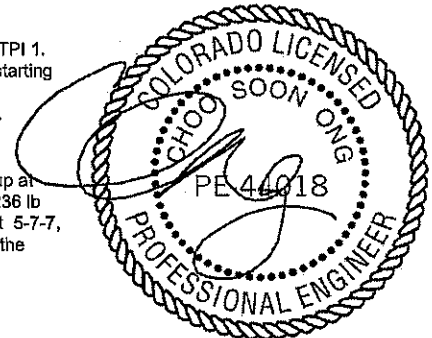
REACTIONS (lb/size) 7=3313/Mechanical, 2=1679/0-10-15 (min. 0-2-13)
Max Horz 2=86(LC 6)
Max Uplift 7=-1169(LC 5), 2=-675(LC 7)
Max Grav 7=3409(LC 2), 2=1722(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=4812/1552, 3-11=4775/1550, 3-12=5241/1767, 12-13=5196/1745,
4-13=5194/1746, 4-5=3830/1309
BOT CHORD 2-14=1505/4619, 10-14=1505/4619, 10-15=1505/4619, 9-15=1505/4619,
9-16=1723/5105, 8-16=1723/5105, 8-17=1263/3752, 17-18=1263/3752,
7-18=1263/3752
WEBS 3-9=226/519, 4-9=0/414, 4-8=1506/512, 5-8=945/2739, 5-7=4299/1474

NOTES

- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-05; PF=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct=1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 9) Use Simpson Strong-Tie SUL26 (6-10d Girder, 6-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-9-15 oc max. starting at 11-3-5 from the left end to 15-6-4 to connect truss(es) J03 (1 ply 2 X 4 SPF) to front face of bottom chord.
- 10) Use Simpson Strong-Tie SUR26 (6-10d Girder, 6-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-9-15 oc max. starting at 11-3-5 from the left end to 15-6-4 to connect truss(es) J03 (1 ply 2 X 4 SPF) to back face of bottom chord.
- 11) Fill all nail holes where hanger is in contact with lumber.
- 12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 11 lb up at 2-9-8, 11 lb up at 2-9-8, 120 lb down and 72 lb up at 5-7-7, 120 lb down and 72 lb up at 5-7-7, and 236 lb down and 144 lb up at 8-5-6, and 236 lb down and 144 lb up at 8-5-6 on top chord, and 35 lb down at 2-9-8, 35 lb down at 2-9-8, 82 lb down at 5-7-7, 82 lb down at 5-7-7, and 132 lb down at 8-5-6, and 132 lb down at 8-5-6 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2
LOAD CASE(S) Standard



October 27, 2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 251 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
POWER TO PERFORM.
7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job	Truss	Truss Type	Qty	Ply	B1104093-Harold H. Thompson	R33797722
B1104093	CJ01	DIAGONAL HIP GIRDER	4	1	Job Reference (optional)	

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MITEK Industries, Inc. Thu Oct 27 12:25:07 2011 Page 2
 ID:clgkI4T76OW901JOKW7q9Lykgz3-WTwQfOJRK0T4mT5xaQ8ix9E3XxUVkii8th7cX7yPBjg

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-6=-39, 2-7=-15

Concentrated Loads (lb)

Vert: 4=-448(F=-224, B=-224) 9=-158(F=-79, B=-79) 11=8(F=4, B=4) 12=-218(F=-109, B=-109) 14=-42(F=-21, B=-21) 15=-98(F=-49, B=-49) 16=-928(F=-464, B=-464)
 17=-1210(F=-605, B=-605) 18=-896(F=-448, B=-448)

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI 7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.



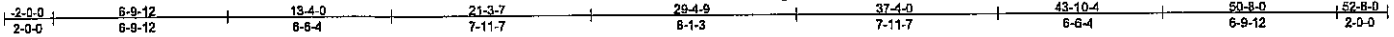
7777 Greenback Lane, Suite 109
 Citrus Heights, CA, 95610

Job B1104093	Truss H01	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson	R33797723
-----------------	--------------	-------------------------	----------	----------	-----------------------------	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:08 2011 Page 1

ID:clgk4T76OW901JOkW7q9LkYgz3-fUotkK35KbxOdg887fxUNmHKLrDTmnH6xIA4ZyPBj



Scale = 1:80.7

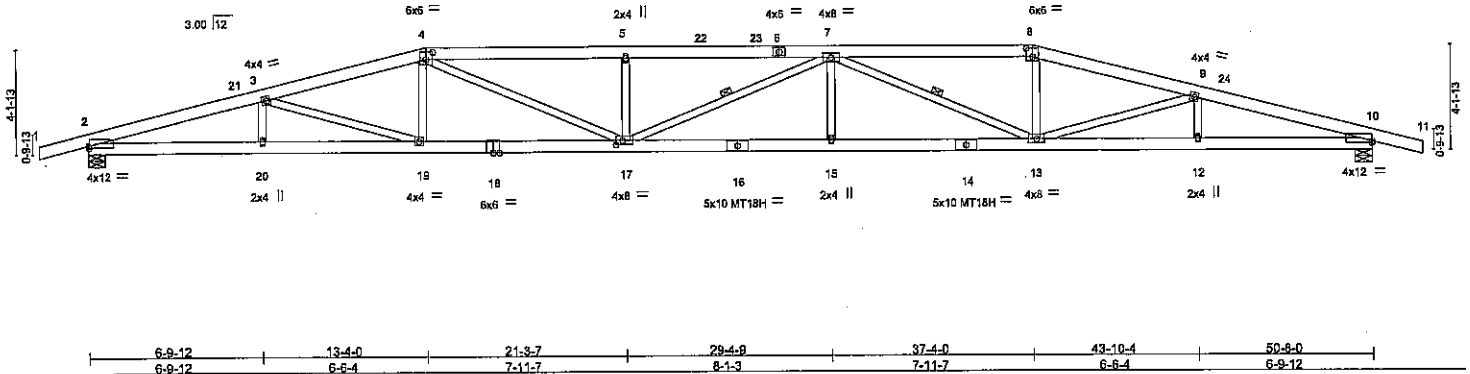


Plate Offsets (X,Y): [2-0-0-3,0-0-13], [4-0-3-4,0-3-8], [8-0-3-0,0-4-0], [10-0-0-3,0-0-13], [17-0-3-0,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	TC 0.74 BC 0.77 WB 0.71 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.72 15-17 >834 360 Vert(TL) -1.30 15-17 >462 240 Horz(TL) 0.27 10 n/a n/a	MT20 MT18H	169/123 197/144
TCDL 5.8				Weight: 248 lb	FT = 0%
BCLL 0.0 *					
BCDL 15.0					

LUMBER	BRACING
TOP CHORD 2 X 6 SPF 2100F 1.8E BOT CHORD 2 X 6 SPF 2100F 1.8E WEBS 2 X 4 WW Stud/Std *Except* 4-17,7-17,7-13: 2 X 4 SPF No.2	TOP CHORD Structural wood sheathing directly applied or 3-5-8 oc purlins. BOT CHORD Rigid ceiling directly applied or 8-2-4 oc bracing. WEBS 1 Row at midpt 7-17, 7-13

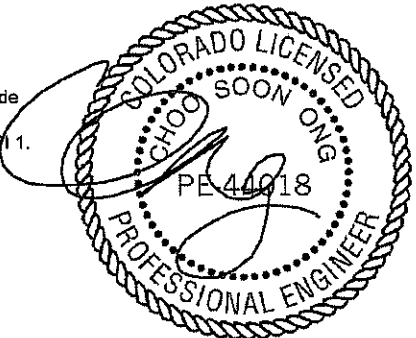
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1912/0-8-0 (min. 0-3-4), 10=1912/0-8-0 (min. 0-3-4)
Max Horz2=34(LC 5)
Max Uplift2=643(LC 7), 10=643(LC 8)
Max Grav2=1961(LC 17), 10=1961(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-5117/1324, 3-21=-5081/1327, 3-4=-5372/1294, 4-5=-6903/1572, 5-22=-6903/1572,
22-23=-6903/1572, 6-23=-6903/1572, 6-7=-6903/1572, 7-8=-5179/1271,
8-9=-5374/1293, 9-24=-5078/1328, 10-24=-5114/1325
BOT CHORD 2-20=-1235/4850, 19-20=-1235/4850, 18-19=-1173/5208, 17-18=-1173/5208,
16-17=-1464/6902, 15-16=-1464/6902, 14-15=-1464/6902, 13-14=-1464/6902,
12-13=-1209/4847, 10-12=-1209/4847
WEBS 3-19=488/379, 4-19=0/337, 4-17=-368/1869, 5-17=-637/195, 7-15=0/265,
7-13=-1894/377, 8-13=-128/861, 9-13=-484/385

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) All plates are MT20 plates unless otherwise indicated.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 9) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



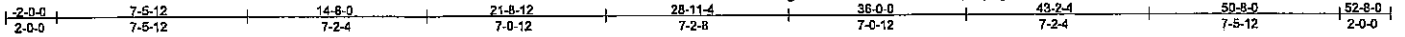
October 27, 2011

<p>WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII 7473 rev. 10 '08 BEFORE USE.</p> <p>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/TPI 1 Quality Criteria, DSB-89 and BCS! Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.</p>	
---	--

Job B1104093	Truss H02	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson Job Reference (optional)	R33797724
-----------------	--------------	-------------------------	----------	----------	---	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:10 2011 Page 1
ID:clgk14T76OW901JOKW7q9Lykgz3-x2bZlPLJdxredxqWFYhPZosck8Y0xhlaaFEG8SyPBjD



Scale = 1:90.7

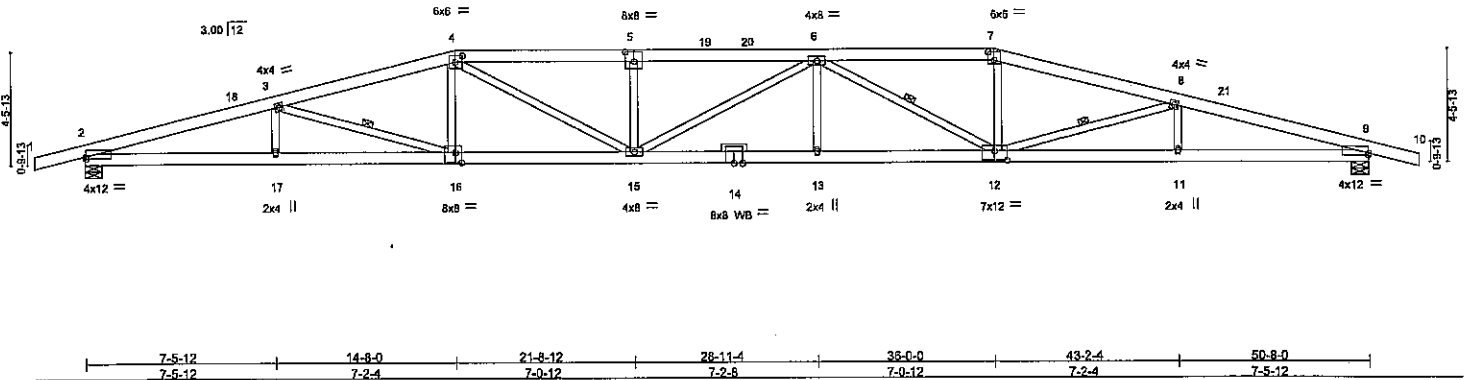


Plate Offsets (X,Y): [2:0-0-3,0-0-13], [4:0-3-4,0-3-0], [5:0-4-0,0-4-8], [7:0-3-0,0-4-0], [9:0-0-3,0-0-13], [12:0-6-0,0-4-8], [16:0-2-12,0-4-12]

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.77 BC 0.75 WB 0.68 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.59 13-15 >999 360 Vert(TL) -1.11 13-15 >542 240 Horz(TL) 0.25 9 n/a n/a	PLATES MT20 GRIP 169/123 Weight: 250 lb FT = 0%
--	---	---	--	---

LUMBER
TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std *Except*
4-15,6-15,6-12: 2 X 4 SPF No.2
OTHERS 2 X 4 WW Stud/Std

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-6-13 oc bracing.
WEBS 1 Row at midpt 3-16, 6-12, 8-12

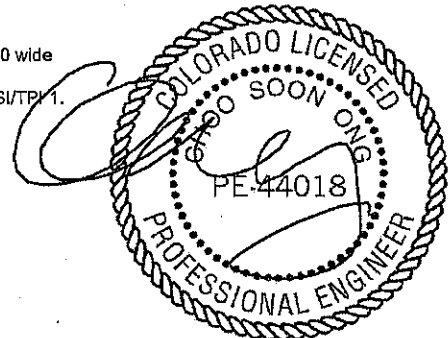
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1912/0-8-0 (min. 0-3-6), 9=1912/0-8-0 (min. 0-3-6)
Max Horz2=37(LC 5)
Max Uplift2=643(LC 7), 9=643(LC 8)
Max Grav2=2038(LC 17), 9=2038(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-5163/1339, 3-18=-5076/1342, 3-4=-5025/1261, 4-5=-6090/1454, 5-19=-6090/1454, 19-20=-6090/1454, 6-20=-6090/1454, 6-7=-4873/1245, 7-8=-5026/1260, 8-21=-5074/1343, 9-21=-5161/1340
BOT CHORD 2-17=-1250/4875, 16-17=-1250/4875, 15-16=-1133/4871, 14-15=-1338/6091, 13-14=-1338/6091, 12-13=-1338/6091, 11-12=-1224/4873, 9-11=-1224/4873
WEBS 3-16=-700/171, 4-16=-6/386, 4-15=-285/1403, 5-15=-564/171, 6-12=-1402/289, 7-12=-126/823, 8-12=-696/174

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Cf= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

Job B1104093	Truss H03	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Herold H. Thompson Job Reference (optional)	R33797725
-----------------	--------------	-------------------------	----------	----------	---	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:13 2011 Page 1

ID:clgk14T?6OW901JOkW7q9Lykgz3-LdHhwR0CwsEDUOZ5wgF6BQU6xLZ73D0GDSxlnyPBJa

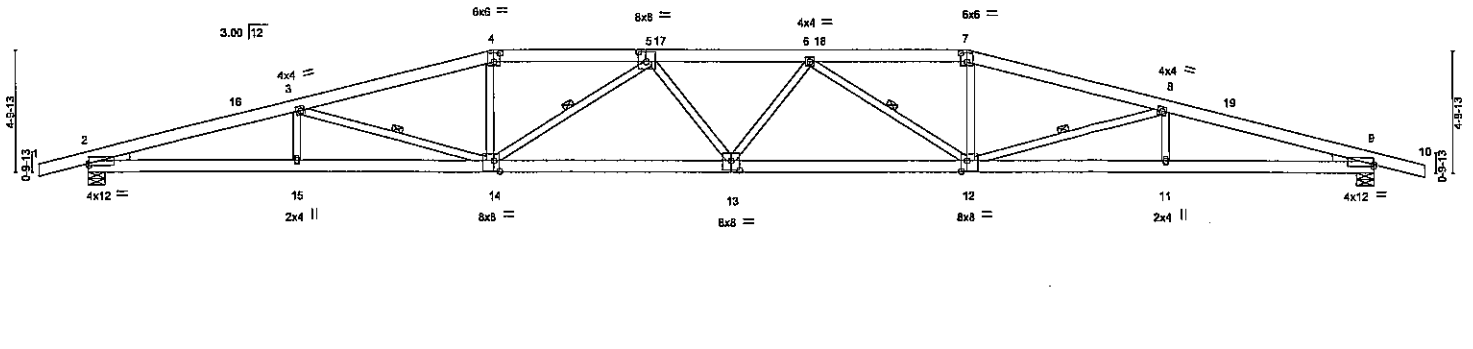
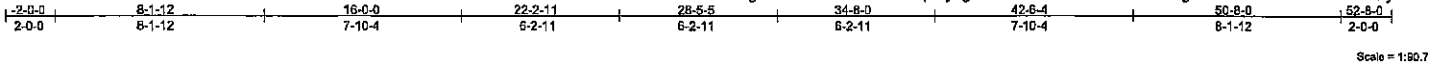


Plate Offsets (X,Y): [2:0-0-3,0-0-13], [4:0-3-0,0-4-0], [5:0-3-8,0-4-8], [7:0-3-0,0-4-0], [9:0-0-3,0-0-13], [12:0-2-12,0-5-0], [13:0-4-0,0-4-8], [14:0-2-12,0-5-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	TC 0.81 BC 0.74 WB 0.64 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.50 13 >999 360 Vert(TL) -0.97 13-14 >616 240 Horz(TL) 0.24 9 n/a n/a	MT20	169/123
TCDL 5.8				Weight: 245 lb	FT = 0%
BCLL 0.0 *					
BCDL 15.0					

LUMBER
TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-9-8 oc bracing.
WEBS 1 Row at midpt 3-14, 5-14, 6-12, 8-12

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

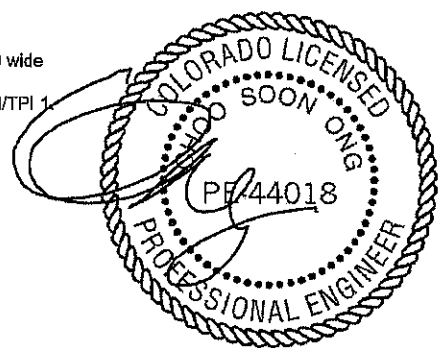
WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

REACTIONS (lb/size) 2=1912/0-8-0 (min. 0-3-8), 9=1912/0-8-0 (min. 0-3-8)
Max Horz2=39(LC 5)
Max Uplift2=-643(LC 7), 9=-643(LC 8)
Max Grav2=2116(LC 17), 9=2116(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-5359/1350, 3-16=-5228/1353, 3-4=-4694/1225, 4-5=-4540/1213, 5-17=-5412/1339,
17-18=-5412/1339, 6-18=-5412/1339, 6-7=-4540/1213, 7-8=-4694/1225,
8-19=-5228/1354, 9-19=-5359/1350
BOT CHORD 2-15=-1259/5039, 14-15=-1259/5039, 13-14=-1241/5351, 12-13=-1237/5351,
11-12=-1234/5039, 9-11=-1234/5039
WEBS 3-14=-876/177, 4-14=-116/768, 5-14=-991/232, 5-13=-42/258, 6-13=-42/258,
6-12=-991/232, 7-12=-116/768, 8-12=-876/178

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1

LOAD CASE(S) Standard

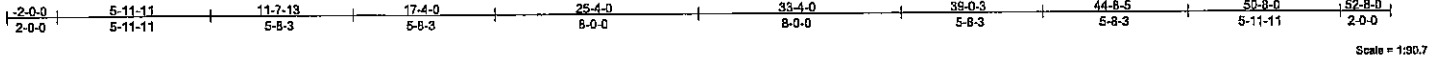


October 27, 2011

Job B1104093	Truss H04	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson R33797726
-----------------	--------------	-------------------------	----------	----------	--

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:15 2011 Page 1
ID:clgk4T76OW901JOkW7q9Lykgz3-H?PSL7PSSUxjilU25HaGrZQg9F2buSjJxx1pfyPBjY



Scale = 1:30.7

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

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.92 BC 0.76 WB 0.91 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.48 17 >999 360 Vert(TL) -0.91 17 >658 240 Horz(TL) 0.24 12 n/a n/a	PLATES MT20 GRIP 169/123 Weight: 247 lb FT = 0%
--	---	---	---	---

LUMBER
TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-10-3 oc bracing.
WEBS 1 Row at midpt 7-19, 7-16

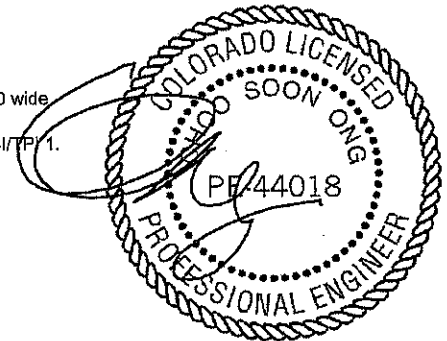
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1944/0-8-0 (min. 0-3-11), 12=1944/0-8-0 (min. 0-3-11)
Max Horz2=42(LC 5)
Max Uplift2=643(LC 7), 12=643(LC 8)
Max Grav2=2225(LC 17), 12=2225(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5502/1337, 3-23=-5388/1284, 4-23=-5383/1285, 4-5=-5343/1288, 5-6=-4659/1197,
6-24=-4471/1177, 7-24=-4471/1177, 7-25=-4471/1177, 8-25=-4471/1177,
8-9=-4659/1197, 9-10=-5343/1289, 10-26=-5382/1285, 11-26=-5388/1284,
11-12=-5502/1338
BOT CHORD 2-21=-1243/5151, 20-21=-1199/5077, 19-20=-1199/5077, 18-19=-1163/5039,
18-28=-1163/5039, 17-28=-1163/5039, 17-29=-1163/5039, 16-29=-1163/5039,
15-16=-1180/5077, 14-15=-1180/5077, 12-14=-1217/5151
WEBS 3-21=-18327, 5-19=-801/174, 6-19=-116/764, 7-19=-875/192, 7-17=0/255,
7-16=-875/192, 8-16=-116/764, 9-16=-801/174, 11-14=-18/327

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 15.0psf.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIT 7473 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, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.

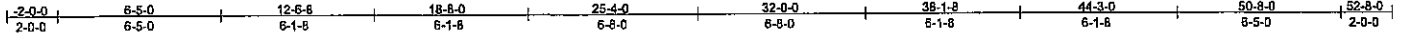
MiTek
POWER TO PERFORM.
7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job B1104093	Truss H05	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson R33797727
-----------------	--------------	-------------------------	----------	----------	--

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:17 2011 Page 1

ID:clgkI4T76OW901JOKW7q9Lykgz3-EOWCmpRi_5kfz?ss9WJ2LGeIxzwy3s7cBqQ8uYyPBjW



Scale = 1:90.7

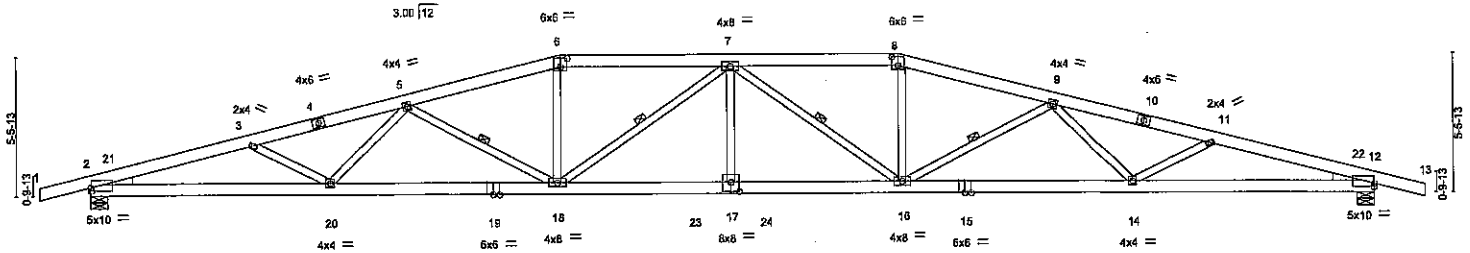


Plate Offsets (X,Y):	[2:0-0-3.0-1-9], [6:0-3-0.0-4-0], [8:0-3-0.0-4-0], [12:0-0-3.0-1-9], [17:0-4-0.0-4-8]
----------------------	---

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCCL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.96 BC 0.79 WB 0.64 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.50 17 >999 360 Vert(TL) -0.91 17 >661 240 Horz(TL) 0.24 12 n/a n/a	PLATES MT20 GRIP 169/123 Weight: 252 lb FT = 0%
--	---	---	---	---

LUMBER
TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std

WEDGE
Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
TOP CHORD
BOT CHORD
WEBS

Structural wood sheathing directly applied or 3-10-9 oc purlins.
Rigid ceiling directly applied or 8-9-6 oc bracing.
1 Row at midpt 5-18, 7-18, 7-16, 9-16

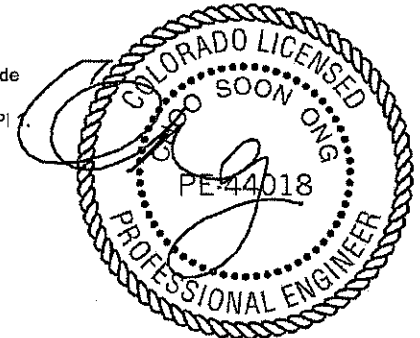
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1950/0-8-0 (min. 0-3-13), 12=1950/0-8-0 (min. 0-3-13)
Max Horz2=45(LC 6)
Max Uplift2=644(LC 7), 12=644(LC 8)
Max Grav2=2308(LC 17), 12=2308(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-5828/1352, 3-21=-5751/1357, 3-4=-5648/1287, 4-5=-5605/1289, 5-6=-4679/1160, 6-7=-4458/1141, 7-8=-4458/1141, 8-9=-4679/1160, 9-10=-5605/1290, 10-11=-5648/1287, 11-22=-5751/1358, 12-22=-5828/1352
BOT CHORD 2-20=-1264/5469, 19-20=-1186/5279, 18-19=-1186/5279, 18-23=-1072/4631, 17-23=-1072/4631, 17-24=-1072/4631, 16-24=-1072/4631, 15-16=-1186/5279, 14-15=-1168/5279, 12-14=-1237/5469
WEBS 3-20=-92/272, 5-20=0/289, 5-18=-924/211, 6-18=-119/774, 7-18=-689/146, 7-16=-689/146, 8-16=-119/774, 9-16=-924/212, 9-14=0/289, 11-14=-92/272

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCCL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; PF=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 15.0psf.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI 7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.

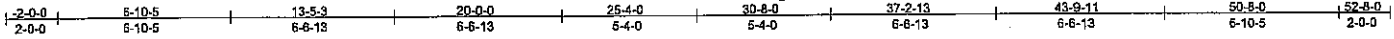
MiTek
DOWN TO EARTH
7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job B1104093	Truss H06	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson Job Reference (optional)	R33797728
-----------------	--------------	-------------------------	----------	----------	---	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:20 2011 Page 1

ID:cjgkl4T76OW901JOkW7c9Lykgz3-ezCLOqTbRreitzvGGGaxDGAY2lofoVlyPBjT



Scale = 1:80.7

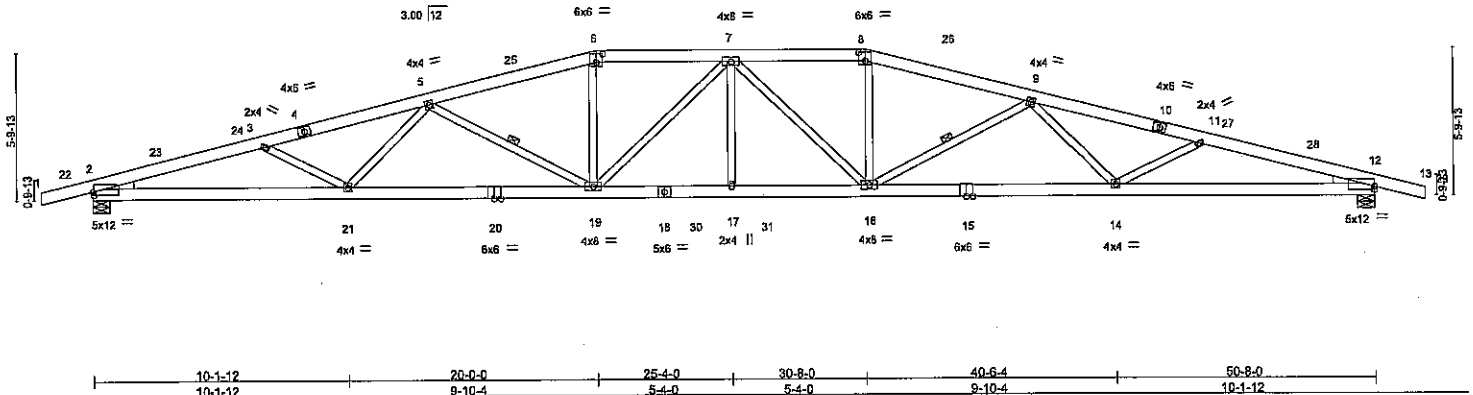


Plate Offsets (X,Y): [2:0-0-3,0-1-9], [6:0-3-0,0-4-0], [8:0-3-0,0-4-0], [12:0-0-3,0-1-9]

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.99 BC 0.82 WB 0.79 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.53 17 >999 360 Vert(TL) -0.92 17 >652 240 Horz(TL) 0.25 12 n/a n/a	PLATES MT20 GRIP 169/123 Weight: 254 lb FT = 0%
--	---	---	---	---

LUMBER

TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std

WEDGE

Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING

TOP CHORD
BOT CHORD
WEBS

Structural wood sheathing directly applied or 3-9-7 oc purlins.
Rigid ceiling directly applied or 8-9-0 oc bracing.
1 Row at midpt 5-19, 9-16

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

REACTIONS (lb/size) 2=1950/0-8-0 (min. 0-3-15), 12=1950/0-8-0 (min. 0-3-15)

Max Horz2=47(LC 5)
Max Uplift2=643(LC 7), 12=643(LC 8)
Max Grav2=2375(LC 17), 12=2375(LC 17)

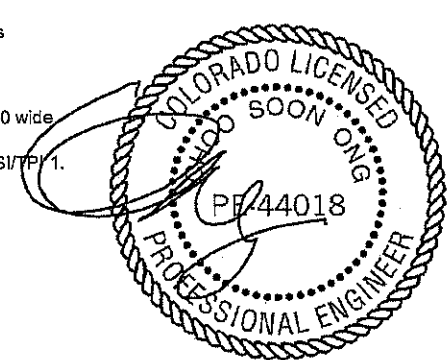
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-23=-6142/1360, 23-24=-6063/1365, 3-24=-5991/1365, 3-4=-5910/1277, 4-5=-5850/1281, 5-25=-4765/1117, 6-25=-4697/1120, 6-7=-4539/1103, 7-8=-4539/1103, 8-26=-4697/1120, 9-26=-4765/1117, 9-10=-5850/1281, 10-11=-5910/1277, 11-27=-5991/1366, 27-28=-6063/1365, 12-28=-6141/1360
BOT CHORD 2-21=-1271/5775, 20-21=-1166/5461, 19-20=-1166/5461, 18-19=-990/4588, 18-30=-990/4588, 17-30=-990/4588, 17-31=-990/4588, 16-31=-990/4588, 15-16=-1152/5461, 14-15=-1152/5461, 12-14=-1245/5775
WEBS 5-21=0/355, 5-19=-1041/242, 6-19=-116/765, 7-19=-514/192, 7-16=-514/192, 8-16=-116/765, 9-16=-1041/242, 9-14=0/355

NOTES

- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 15.0psf.
- 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIT 7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.



Job	Truss	Truss Type	Qty	Ply	B1104093-Harold H. Thompson	R33797729
B1104093	H07	Hip Truss	2	1	Job Reference (optional)	

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907
 7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:21 2011 Page 1
 ID:cgk14T76OW901JOkW7q9Lykgz3-69mjbAUD1JE5SdAdOMO_W6pSyaF4?fKC5SOM1JyPBJS
 Scale = 1:80.7

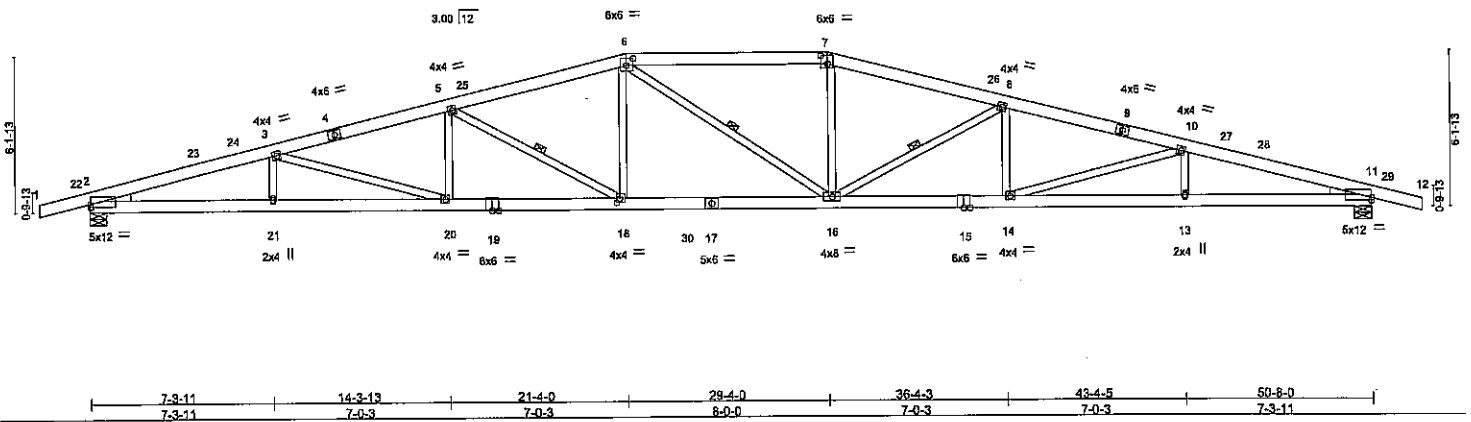


Plate Offsets (X,Y): [2:0-0-3,0-1-5], [6:0-3-4,0-3-4], [7:0-3-4,0-4-0], [11:0-0-3,0-1-5], [18:0-1-8,0-2-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	1-4-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.93 BC 0.91 WB 0.69 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.56 16-18 >999 360 Vert(TL) -0.97 16-18 >619 240 Horz(TL) 0.27 11 n/a n/a	MT20	169/123
TCDL 5.8	Rep Stress Incr YES			Weight: 253 lb	FT = 0%
BCLL 0.0 *	Code IBC2006/TPI2002				
BCDL 15.0					

LUMBER
 TOP CHORD 2 X 6 SPF 2100F 1.8E
 BOT CHORD 2 X 6 SPF 2100F 1.8E
 WEBS 2 X 4 WW Stud/Std
 WEDGE
 Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-9-14 oc bracing.
 WEBS 1 Row at midpt 5-18, 6-16, 8-16

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

REACTIONS (lb/size) 2=1950/0-8-0 (min. 0-4-0), 11=1942/0-8-0 (min. 0-3-15)
 Max Horz2=50(LC 5)
 Max Uplift2=-643(LC 7), 11=-643(LC 8)
 Max Grav2=2416(LC 17), 11=2408(LC 17)

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

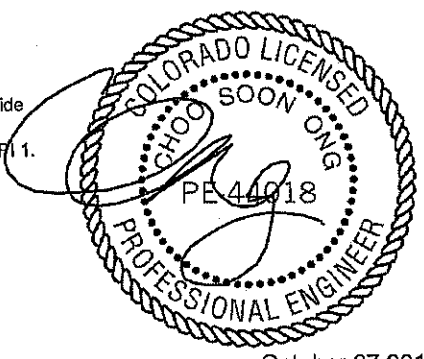
TOP CHORD 2-23=-6496/1339, 23-24=-6398/1340, 3-24=-6362/1342, 3-4=-5925/1259,
 4-5=-5865/1262, 5-25=-4834/1080, 6-25=-4762/1085, 6-7=-4574/1074, 7-26=-4737/1086,
 8-26=-4808/1081, 8-9=-5835/1262, 9-10=-5896/1259, 10-27=-6337/1343,
 27-28=-6373/1340, 11-28=-6471/1340

BOT CHORD 2-21=-1250/6119, 20-21=-1250/6119, 19-20=-1135/5690, 18-19=-1135/5690,
 18-30=-914/4598, 17-30=-914/4598, 16-17=-914/4598, 15-16=-1122/5661,
 14-15=-1122/5661, 13-14=-1224/6095, 11-13=-1224/6095

WEBS 3-20=-463/120, 5-20=-1/282, 5-18=-1233/252, 6-18=-79/835, 6-16=-445/384,
 7-16=-77/804, 8-16=-1228/252, 8-14=-1/284, 10-14=-467/121

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 15.0psf.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



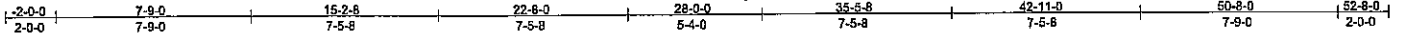
October 27, 2011

Job B1104093	Truss H08	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson Job Reference (optional)	R33797730
-----------------	--------------	-------------------------	----------	----------	---	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:23 2011 Page 1

ID:clgk4T76OW901JOkW7g9LYkgz3-2YuT0sVTZxUohwJ0WnQSBXuqSNyNTVwUJZmtT6CyPBjQ



Scale = 1:90.7

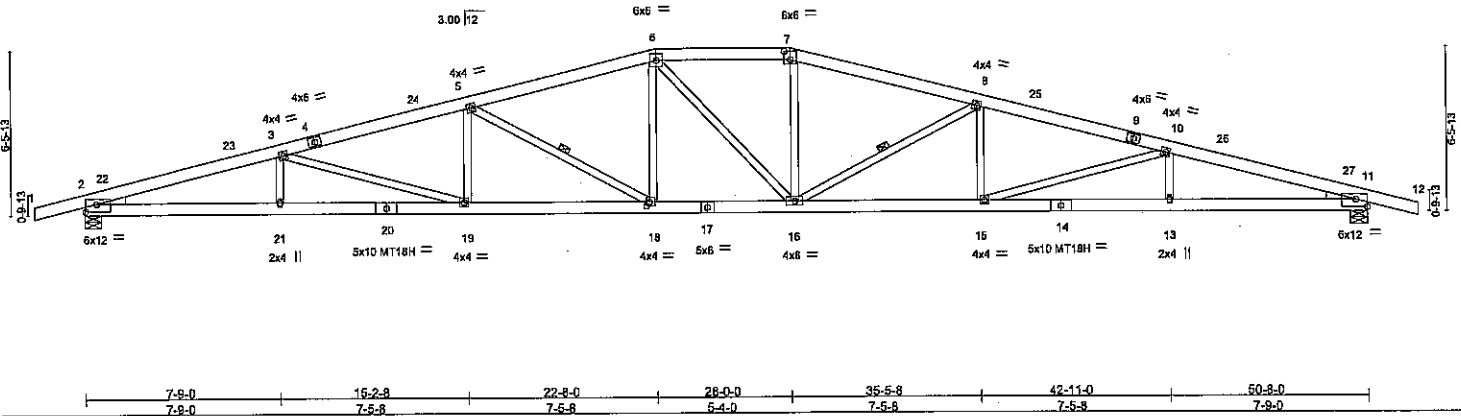


Plate Offsets (X,Y): [2:0-5-4-0-3-8], [7:0-3-0-0-4-0], [11:0-5-4-0-3-8], [18:0-1-8-0-2-0]

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.81 BC 0.86 WB 0.94 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.59 18 >999 360 Vert(TL) -0.99 18-19 >607 240 Horz(TL) 0.28 11 n/a n/a	PLATES MT20 169/123 MT18H 197/144 Weight: 253 lb FT = 0%
--	--	---	---	--

LUMBER
TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std
WEDGE
Left: 2 X 4 WW Stud/Std, Right: 2 X 4 WW Stud/Std

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-9-11 oc bracing.
WEBS 1 Row at midpt 5-18, 8-16

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

REACTIONS (lb/size) 2=1943/0-8-0 (min. 0-4-1), 11=1939/0-8-0 (min. 0-4-0)
Max Horz2=53(LC 5)
Max Uplift2=-643(LC 7), 11=-643(LC 8)
Max Grav2=2450(LC 17), 11=2446(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-22=-6757/1342, 22-23=-6746/1345, 3-23=-6631/1349, 3-4=-6083/1239,
4-24=-6018/1242, 5-24=-5954/1245, 5-6=-4871/1044, 6-7=-4625/1033, 7-8=-4864/1045,
8-25=-5936/1244, 9-25=-6000/1241, 9-10=-6065/1239, 10-26=-6619/1349,
26-27=-6734/1346, 11-27=-6745/1342
BOT CHORD 2-21=-1255/6377, 20-21=-1255/6377, 19-20=-1255/6377, 18-19=-1114/5838,
17-18=-863/4630, 16-17=-863/4630, 15-16=-1102/5820, 14-15=-1230/6366,
13-14=-1230/6366, 11-13=-1230/6366
WEBS 3-19=-564/148, 5-19=-2/331, 5-18=-1366/285, 6-18=-103/849, 6-16=-385/363,
7-16=-101/825, 8-16=-1352/283, 8-15=-2/328, 10-15=-571/149

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) All plates are MT20 plates unless otherwise indicated.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 15.0psf.
 - 9) This truss is designed in accordance with the 2006 International Building Code section 2305.1 and referenced standard ANSI/TP 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIT 7473 (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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
POWER TO PLATEFORM
7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job B1104093	Truss H09	Truss Type HIP TRUSS	Qty 2	Ply 1	B1104093-Harold H. Thompson	R33797731
-----------------	--------------	-------------------------	----------	----------	-----------------------------	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:24 2011 Page 1

ID:clgk4T?6OW901JOKW7q8Lykgz3-XkRsECW5KEcfJ4uC4Lxh8IR?3nYCzleoQd0eeyPBJP

Job Reference (optional)

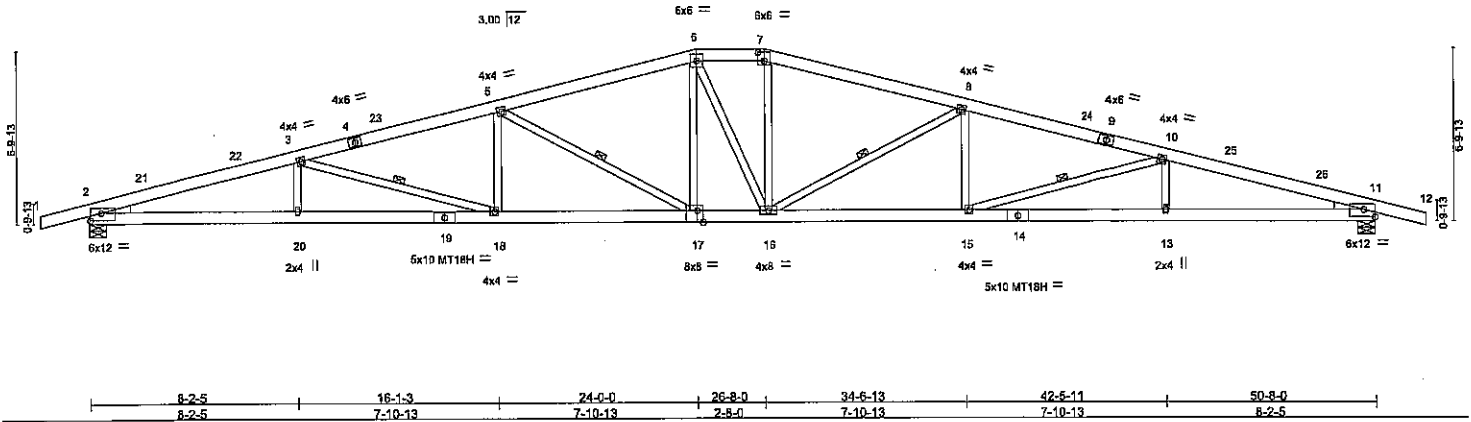
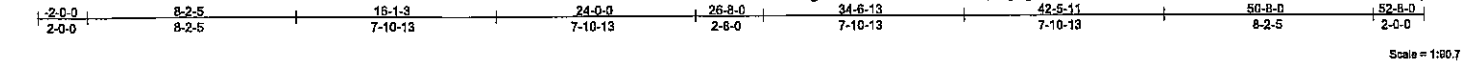


Plate Offsets (X, Y): [2:0-5-4-0-3-8], [7:0-3-0-0-4-0], [11:0-5-4-0-3-8], [17:0-2-12, Edge]

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 1-4-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.81 BC 0.86 WB 0.90 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.62 17-18 >964 360 Vert(TL) -1.04 17-18 >579 240 Horz(TL) 0.29 11 n/a n/a	PLATES GRIP MT20 169/123 MT18H 197/144 Weight: 256 lb FT = 0%
--	---	---	---	---

LUMBER
TOP CHORD 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SPF 2100F 1.8E
WEBS 2 X 4 WW Stud/Std
WEDGE
Left: 2 X 4 WW Stud/Std, Right: 2 X 4 WW Stud/Std

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-9-10 oc bracing.
WEBS 1 Row at midpt 3-18, 5-17, 8-16, 10-15

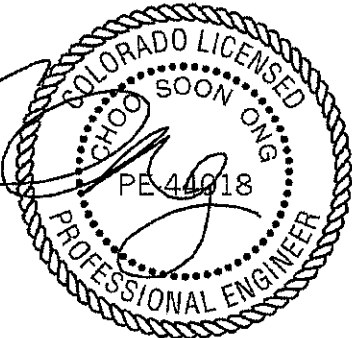
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1912/0-8-0 (min. 0-4-1), 11=1912/0-8-0 (min. 0-4-1)
Max Horz2=-55(LC 6)
Max Uplift2=-643(LC 7), 11=-643(LC 8)
Max Grav2=2460(LC 17), 11=2460(LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-6908/1347, 21-22=-6832/1350, 3-22=-6794/1354, 3-4=-6134/1220,
4-23=-6070/1221, 5-23=-6064/1224, 5-6=-4801/1001, 6-7=-4600/998, 7-8=-4838/1007,
8-24=-6056/1224, 9-24=-6063/1220, 9-10=-6127/1219, 10-25=-6797/1354,
25-26=-6835/1351, 11-26=-6911/1348
BOT CHORD 2-20=-1260/6534, 19-20=-1260/6534, 18-19=-1260/6534, 17-18=-1089/5883,
16-17=-817/4580, 15-16=-1079/5876, 14-15=-1235/6537, 13-14=-1235/6537,
11-13=-1235/6537
WEBS 3-20=0/253, 3-18=-681/178, 5-18=-6/379, 5-17=-1489/311, 6-17=-117/805,
6-16=-332/398, 7-16=-117/800, 8-16=-1444/305, 8-15=-5/368, 10-15=-692/180,
10-13=0/256

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1, Lu=50-0-0
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) Provide adequate drainage to prevent water ponding.
 - 6) All plates are MT20 plates unless otherwise indicated.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 9) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

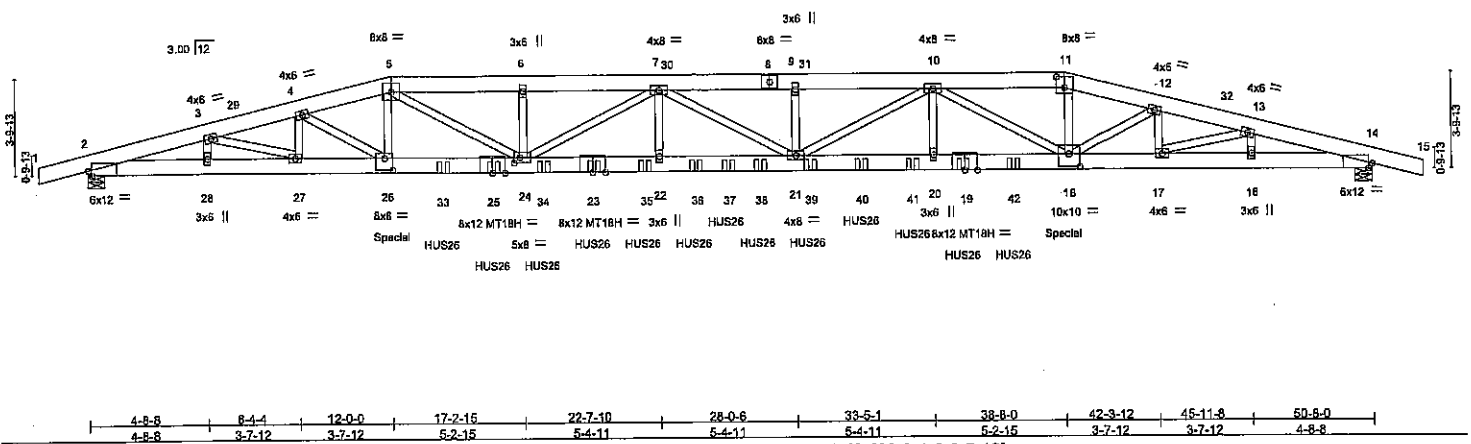
LOAD CASE(S) Standard



October 27, 2011

Job B1104093	Truss HG01	Truss Type HIP TRUSS	Qty 2	Ply 4	B1104093-Harold H. Thompson R33797732
-----------------	---------------	-------------------------	----------	----------	--

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907
 7.250 s Aug 25 2011 MITek Industries, Inc. Thu Oct 27 12:25:27 2011 Page 1
 ID:clgk14T76OW901JOKW7q9Lykgz3-xJ7_sDZ_d9?EAYdnldVOIN3bk?IIPN64UOrgFzyPBJM
 Scale = 1:80.7



LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr NO Code IBC2006/TPI2002	CSI TC 0.40 BC 0.96 WB 0.67 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -1.03 21-22 >584 360 Vert(TL) -1.75 21-22 >343 240 Horz(TL) 0.33 14 n/a n/a	PLATES MT20 169/123 MT18H 244/190 Weight: 1593 lb FT = 0%
--	--	---	--	---

LUMBER
 TOP CHORD 2 X 8 SYP DSS
 BOT CHORD 2 X 8 SYP DSS
 WEBS 2 X 4 SPF No.2 *Except*
 3-28,4-27,4-26,12-18,12-17,13-16: 2 X 4 WW Stud/Std

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=10480/0-8-0 (min. 0-4-5), 14=10478/0-8-0 (min. 0-4-5)
 Max Horz 2=26(LC 5)
 Max Uplift 2=3695(LC 7), 14=3694(LC 8)
 Max Grav 2=10483(LC 2), 14=10481(LC 3)

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

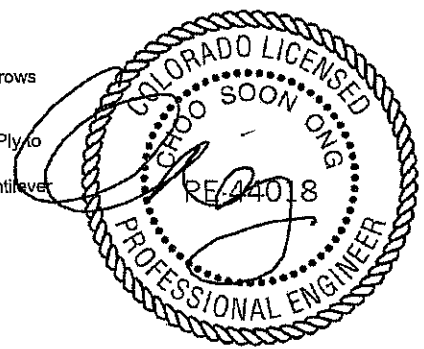
TOP CHORD
 2-3=-31041/10619, 3-29=-36089/12333, 4-29=-36084/12335, 4-5=-38256/13050,
 5-6=-44843/15242, 6-30=-44843/15242, 7-30=-44843/15242, 7-8=-49447/16785,
 8-9=-49447/16785, 9-31=-49447/16785, 10-31=-49447/16785, 10-11=-36934/12608,
 11-12=-38355/13083, 12-32=-36012/12311, 13-32=-36017/12310, 13-14=-31047/10622

BOT CHORD
 2-28=-10067/29465, 27-28=-10067/29465, 26-27=-11945/35067, 26-33=-12564/37012,
 25-33=-12564/37012, 24-25=-12564/37012, 24-34=-16691/49375, 23-34=-16691/49375,
 23-35=-16691/49375, 22-35=-16691/49375, 22-36=-16691/49375, 36-37=-16691/49375,
 37-38=-16691/49375, 21-38=-16691/49375, 21-39=-15116/44701, 39-40=-15116/44701,
 40-41=-15116/44701, 20-41=-15116/44701, 19-20=-15116/44701, 19-42=-15116/44701,
 18-42=-15116/44701, 17-18=-11894/34982, 16-17=-10049/29474, 14-16=-10049/29474

WEBS
 3-28=-937/372, 3-27=-2031/5989, 4-27=-1917/682, 4-26=-861/2528, 5-26=-1297/3946,
 5-24=-3077/9178, 7-24=-5275/1787, 7-22=-788/2319, 9-21=-382/119, 10-21=-1868/5524,
 10-20=-649/1933, 10-18=-9041/3033, 11-18=-2825/8322, 12-18=-946/2784,
 12-17=-1906/679, 13-17=-1998/5889, 13-16=-952/376

- NOTES**
- 1) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, Except member 26-5 2 X 4 - 2 rows at 0-4-0 oc, member 18-11 2 X 4 - 2 rows at 0-4-0 oc.
 Attach BC w/ 1/2" diam. bolts (ASTM A-307) in the center of the member w/washers at 4-0-0 oc.
 - 2) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - 3) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCCL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 4) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; C=1, Lu=50-0-0
 - 5) Unbalanced snow loads have been considered for this design.
 - 6) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.

Continued on page 2
 Provide a pipe drainage to prevent water ponding.



October 27, 2011

Job B1104093	Truss HG01	Truss Type HIP TRUSS	Qty 2	Ply 4	B1104093-Harold H. Thompson R33797732
-----------------	---------------	-------------------------	----------	----------	--

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:27 2011 Page 2
ID:clgk14T?6OW901JOKW7q9Lykgz3-xJ7_sDZ_d9?EAYdnldVOIN3bk?IIPN64UOrgFzyPBJM

NOTES

- 8) All plates are MT20 plates unless otherwise indicated.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 11) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 12) Use Simpson Strong-Tie HUS26 (14-10d Girder, 4-10d Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 14-0-12 from the left end to 36-7-4 to connect truss(es) J12 (1 ply 2 X 4 SPF) to front face of bottom chord.
- 13) Fill all nail holes where hanger is in contact with lumber.
- 14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 4154 lb down and 1444 lb up at 12-0-0, and 4154 lb down and 1444 lb up at 38-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-5=-39, 5-11=-39, 11-15=-39, 2-14=-15

Concentrated Loads (lb)

Vert: 25=-753(F) 26=-4154(F) 18=-4154(F) 19=-753(F) 23=-753(F) 33=-753(F) 34=-753(F) 35=-753(F) 36=-753(F) 37=-753(F) 38=-753(F) 39=-753(F) 40=-753(F) 41=-753(F) 42=-753(F)

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE INT 7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.



7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job B1104093	Truss J01	Truss Type JACK-OPEN TRUSS ✓	Qty 8	Ply 1	B1104093-Harold H. Thompson	R33797733
-----------------	--------------	---------------------------------	----------	----------	-----------------------------	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:28 2011 Page 1
ID:clgk14T?6OW901JOKW7q9Lykgz3-PVhM3ZZcOT75nIC_JK0dlbboQoQW8_sDi2bDnPyPBjL

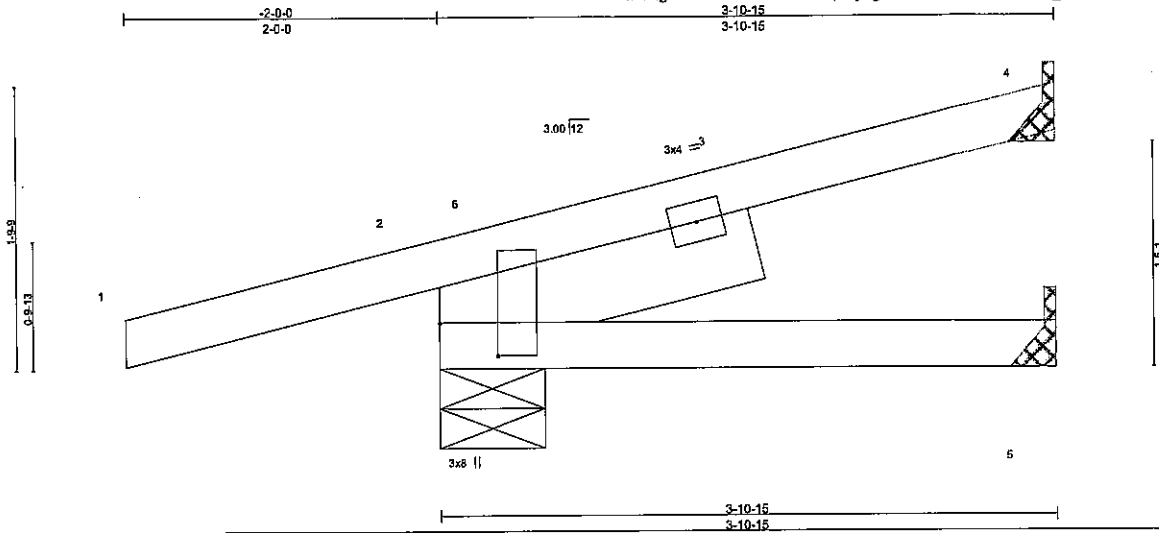


Plate Offsets (X,Y): [2;0-2-8;0-4-7]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defi	L/d	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.28 BC 0.15 WB 0.00 (Matrix)	Vert(LL) -0.01 Vert(TL) -0.04 Horz(TL) 0.00	2-5 2-5 4	>999 >999 n/a	360 240 n/a		MT20	197/144
TCDL 5.8	Rep Stress Incr YES								
BCLL 0.0 *	Code IBC2006/TPI2002								
BCDL 15.0								Weight: 15 lb	FT = 0%

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
SLIDER Left 2 X 6 SPF 2100F 1.8E 2-0-14

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 4=105/Mechanical, 2=399/0-8-0 (min. 0-1-8), 5=56/Mechanical
Max Horz 2=85(LC 5)
Max Uplift 4=-78(LC 5), 2=-266(LC 5)
Max Grav 4=128(LC 2), 2=417(LC 2), 5=94(LC 4)

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

NOTES

- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.



7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job B1104093	Truss J02	Truss Type JACK-OPEN TRUSS	Qty 8	Ply 1	B1104093-Harold H. Thompson Job Reference (optional)	R33797734
-----------------	--------------	-------------------------------	----------	----------	---	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MITek Industries, Inc. Thu Oct 27 12:25:28 2011 Page 1
ID:clgk4T?6OW901JOKW7q9Lykgz3-PVhM3ZZcOT75niC_JK0dlbbk_OnJ8_sDi2bDnPyPBjL

Scale = 1:17.5

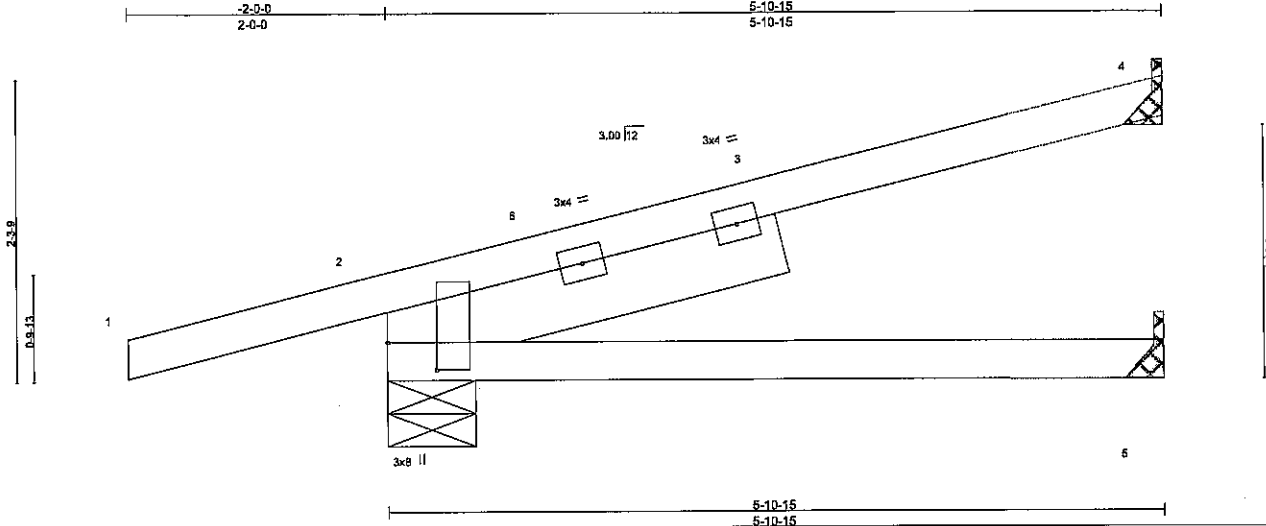


Plate Offsets (X,Y): [2:0-2-8,0-4-7]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.56 BC 0.36 WB 0.00 (Matrix)	Vert(LL) -0.06 Vert(TL) -0.20 Horz(TL) 0.03	2-5 2-5 4	>999 >344 n/a	360 240 n/a		MT20	197/144
TCDL 5.8	Rep Stress Incr YES								
BCLL 0.0 *	Code IBC2006/TPI2002								
BCDL 15.0								Weight: 22 lb	FT = 0%

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
SLIDER Left 2 X 6 SPF 2100F 1.8E 3-1-3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 4=197/Mechanical, 2=492/0-8-0 (min. 0-1-8), 5=86/Mechanical
Max Horz2=114(LC 5)
Max Uplift4=-149(LC 5), 2=-294(LC 5)
Max Grav4=243(LC 2), 2=522(LC 2), 5=144(LC 4)

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

NOTES

- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.

MITek
POWER TO PERFORM
7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Job B1104093	Truss J03	Truss Type MONO TRUSS	Qty 8	Ply 1	B1104093-Harold H. Thompson	R33797735
-----------------	--------------	--------------------------	----------	----------	-----------------------------	-----------

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907, r

7.250 s May 11 2011 MiTek Industries, Inc. Thu Oct 27 12:26:38 2011 Page 1
ID:clgkl4T76Dw901JOKW7q8Lykgz3-0OusVFplvdxlbKXlk7_xrVm7clEYyBXpxYxELyPBIF

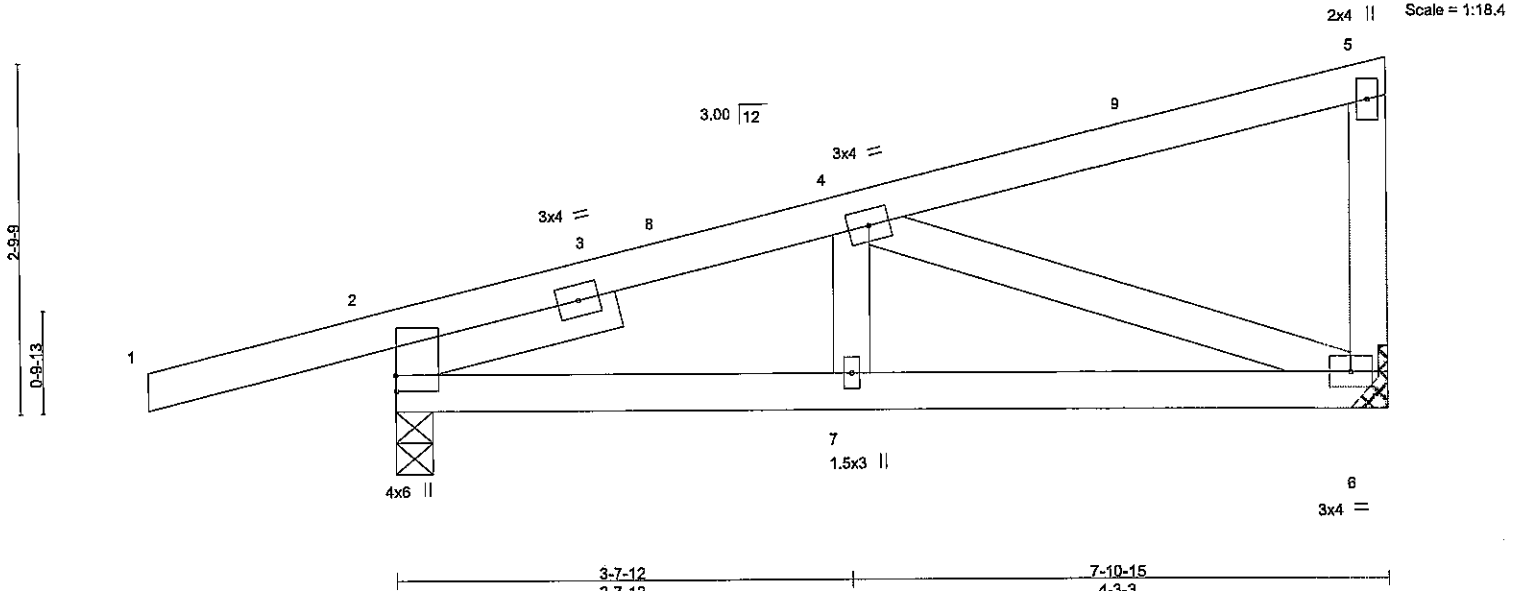


Plate Offsets (X,Y): [2:0-1-8,0-0-1]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.32 BC 0.20 WB 0.38 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.02 7 >999 360 Vert(TL) -0.05 6-7 >999 240 Horz(TL) 0.01 6 n/a n/a	MT20	169/123
TCDL 5.8	Rep Stress Incr YES			Weight: 30 lb	FT = 0%
BCLL 0.0 *	Code IBC2006/TPI2002				
BCDL 15.0					

LUMBER
 TOP CHORD 2 X 4 SPF 1650F 1.5E
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 WW Stud/Std
 SLIDER Left 2 X 4 SPF 1650F 1.5E 1-10-5

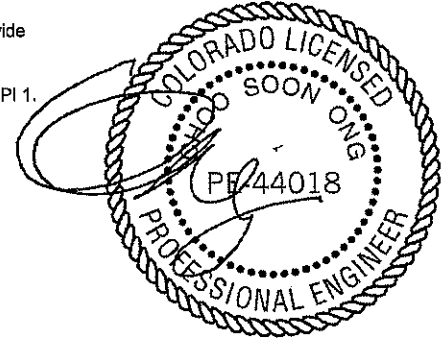
BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=592/0-3-8, 6=397/Mechanical
 Max Horz 2=153(LC 6)
 Max Uplift 2=-341(LC 5), 6=-167(LC 5)
 Max Grav 2=633(LC 2), 6=472(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-782/209, 3-8=-708/205, 4-8=-698/207
 BOT CHORD 2-7=-199/656, 6-7=-199/656
 WEBS 4-6=-694/251

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; PF=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Refer to girder(s) for truss to truss connections.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

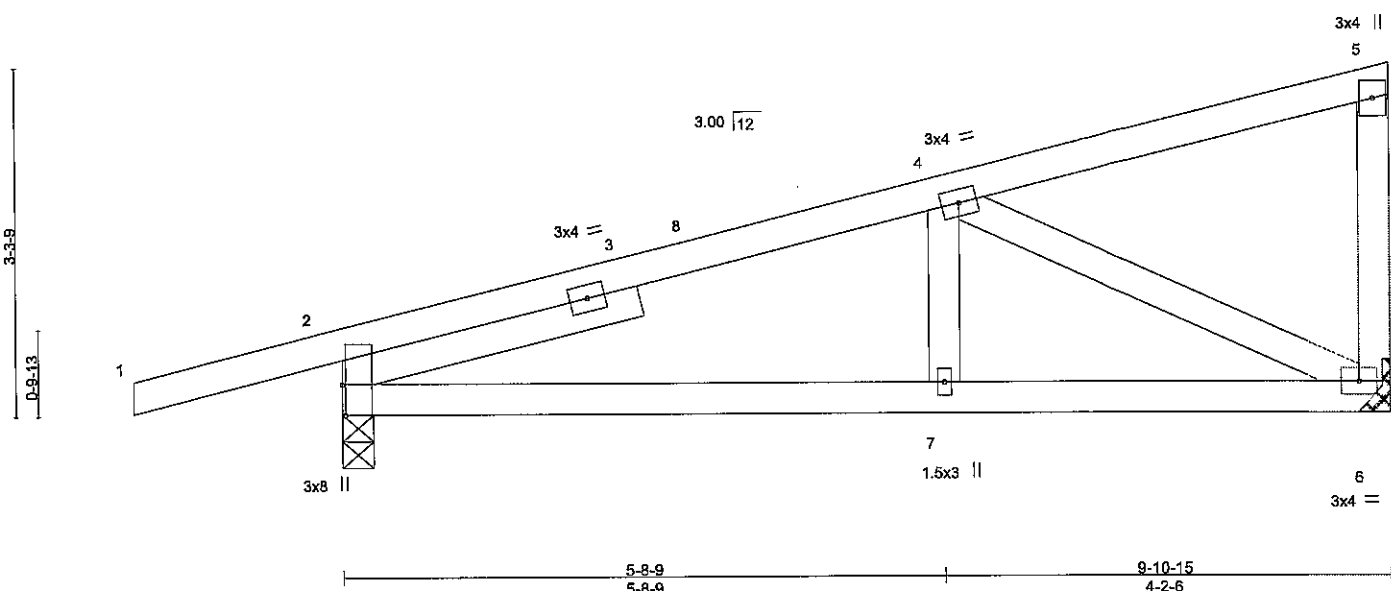
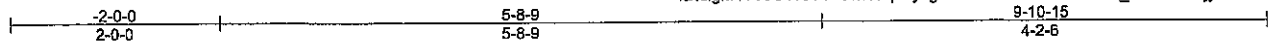


Plate Offsets (X,Y): |2:0-3-8,Edge|

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	Plates Increase	1.15	TC 0.66	Vert(LL)	-0.02	2-7	>999	360	MT20	169/123
TCDL 5.8	Lumber Increase	1.15	BC 0.25	Vert(TL)	-0.07	2-7	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.50	Horz(TL)	0.01	6	n/a	n/a		
BCDL 15.0	Code IBC2006/TPI2002		(Matrix)						Weight: 37 lb	FT = 0%

LUMBER
 TOP CHORD 2 X 4 SPF 1650F 1.5E
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 WW Stud/Std
 SLIDER Left 2 X 4 SPF 1650F 1.5E 2-11-1

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

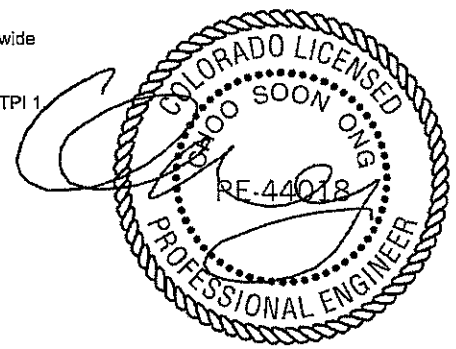
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=696/0-3-8, 6=509/Mechanical
 Max Horz 2=184(LC 6)
 Max Uplift 2=-381(LC 5), 6=-218(LC 5)
 Max Grav 2=746(LC 2), 6=613(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-945/266, 3-8=-846/268, 4-8=-838/271
 BOT CHORD 2-7=-261/813, 6-7=-261/813
 WEBS 4-7=0/257, 4-6=-855/324

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Refer to girder(s) for truss to truss connections.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1

LOAD CASE(S) Standard



October 27, 2011

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907, r

7.250 s May 11 2011 MiTek Industries, Inc. Thu Oct 27 12:26:50 2011 Page 1
 ID:cjgkIAT?6OW901JOKW7q9LYkgz3-1ic00Myq4JSb1ASb?FLoRN?fQSoaMx2lZoSZffyPB13

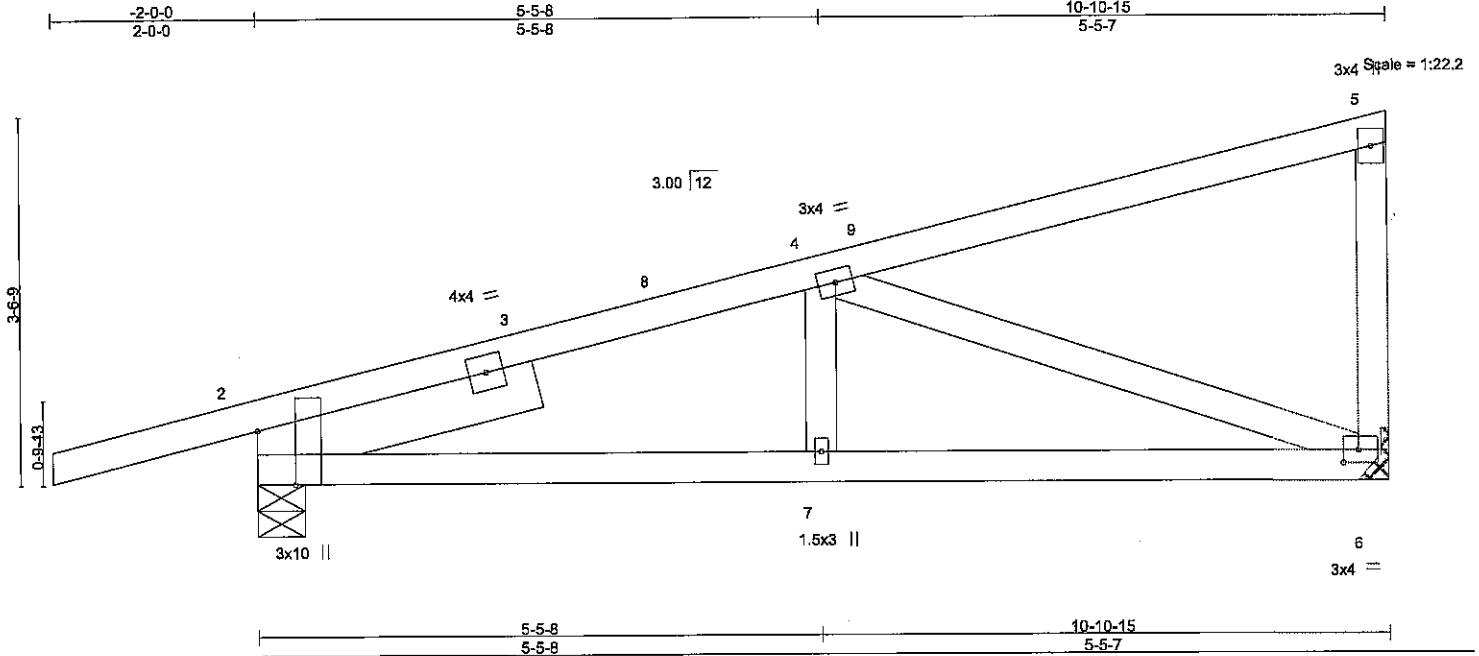


Plate Offsets (X,Y): [2:0-6-3,Edge], [6:0-1-12,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	1-4-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.94 BC 0.23 WB 0.58 (Matrix)	Vert(LL)	-0.03	7	>999	MT20	169/123
TCDL 5.8	Rep Stress Incr YES		Vert(TL)	-0.05	6-7	>999		
BCLL 0.0 *	Code IBC2006/TPI2002		Horz(TL)	0.01	6	n/a		
BCDL 15.0							Weight: 42 lb	FT = 0%

LUMBER
 TOP CHORD 2 X 4 SPF 1650F 1.5E
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 WW Stud/Std
 SLIDER Left 2 X 6 SPF 2100F 1.8E 2-9-8

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS (lb/size) 6=376/Mechanical, 2=499/0-5-8
 Max Horz 2=133(LC 6)
 Max Uplift 6=-162(LC 5), 2=-267(LC 5)
 Max Grav 6=455(LC 2), 2=535(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-773/226, 3-8=-718/228, 4-8=-687/230
 BOT CHORD 2-7=-227/683, 6-7=-227/683
 WEBS 4-6=-665/255

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Refer to girder(s) for truss to truss connections.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1

LOAD CASE(S) Standard



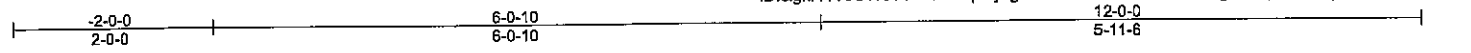
October 27, 2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIJ-7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.



Foxworth Galbraith Truss Co, Colorado Springs, CO 80907, r



Scale: 1/2" = 1'-0"

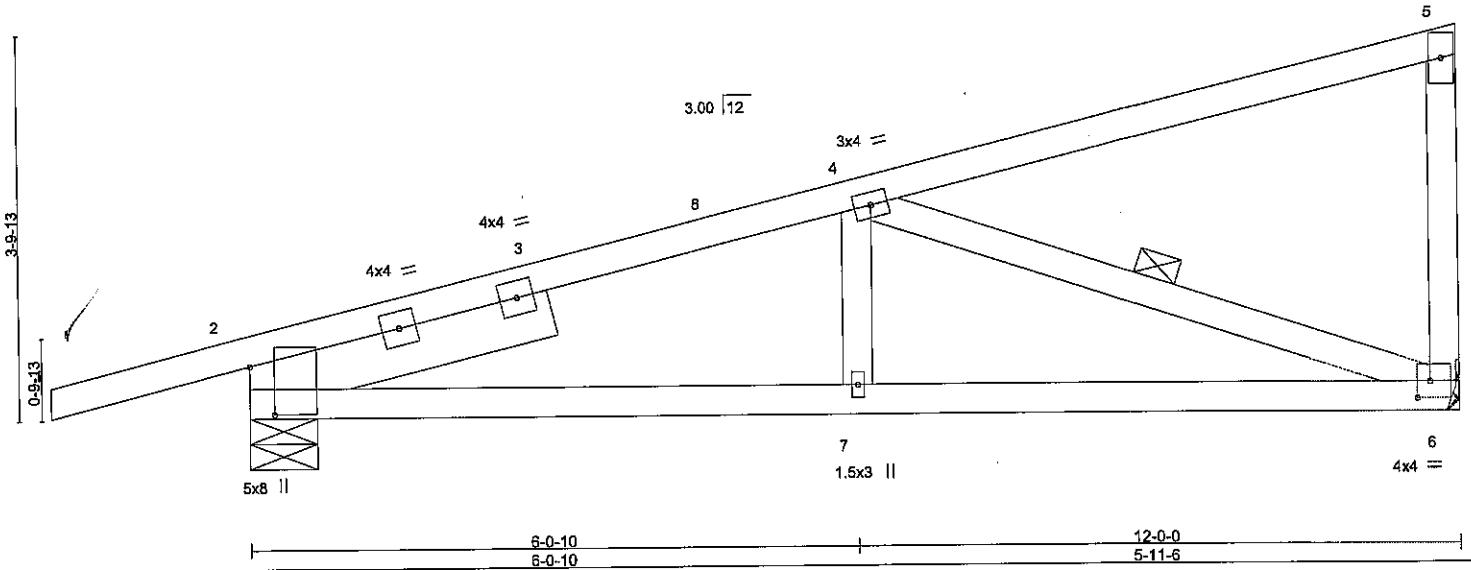


Plate Offsets (X,Y): [2:0-5-11.0-2-15], [6:0-1-8.0-2-0]

LOADING (psf) TCLL 33.0 (Roof Snow=33.0) TCDL 5.8 BCLL 0.0 * BCDL 15.0	SPACING 2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	CSI TC 0.64 BC 0.38 WB 0.42 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.05 7 >999 360 Vert(TL) -0.10 2-7 >999 240 Horz(TL) 0.02 6 n/a n/a	PLATES MT20 GRIP 169/123 Weight: 47 lb FT = 0%
--	---	---	---	--

LUMBER
 TOP CHORD 2 X 4 SPF 1650F 1.5E
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 WW Stud/Std *Except*
 5-6: 2 X 4 SPF No.2
 SLIDER Left 2 X 6 SPF 2100F 1.8E 3-1-3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 4-6

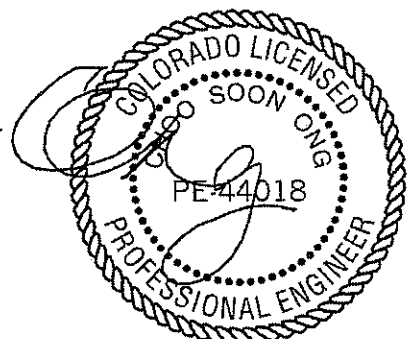
Mitek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer installation guide.

REACTIONS (lb/size) 6=624/Mechanical, 2=805/0-8-0
 Max Horz 2=216(LC 6)
 Max Uplift 6=-270(LC 5), 2=-424(LC 5)
 Max Grav 6=760(LC 2), 2=864(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1311/390, 3-8=-1224/394, 4-8=-1172/397, 5-6=-286/144
 BOT CHORD 2-7=-395/1167, 6-7=-395/1167
 WEBS 4-7=0/300, 4-6=-1127/438

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; PF=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Refer to girder(s) for truss to truss connections.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



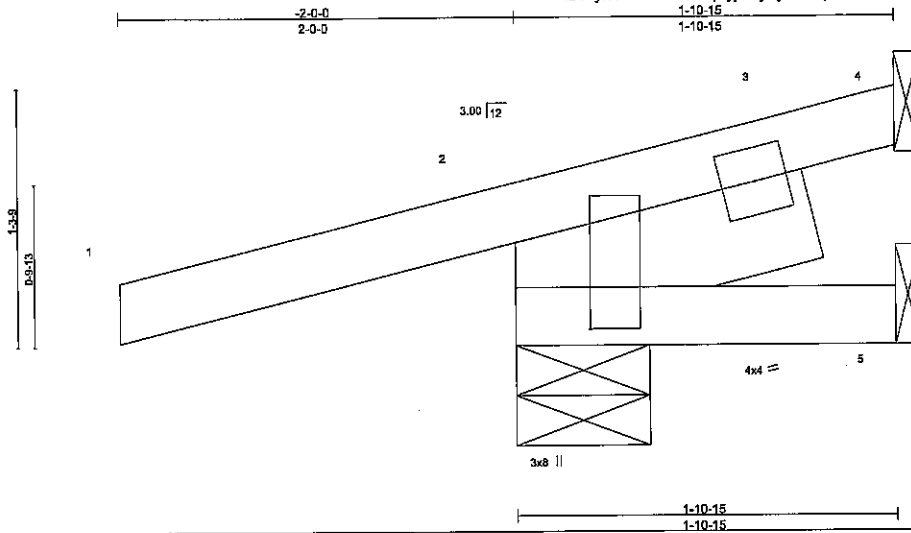
October 27, 2011

Job	Truss	Truss Type	Qty	Ply	B1104093-Harold H. Thompson	R33797739
B1104093	JA	Jack-Open Truss	8	1	Job Reference (optional)	

Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:31 2011 Page 1

ID:8yhTFwZfueQM4pfyj7ziyayfzPT-p4MV/bcUhOVge9xY_SZKwDDJgct0LLbgP0puOkyPBjI



Scale = 1:11.5

Plate Offsets (X,Y): [2;0-2-8,0-4-7]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TPI2002	TC 0.28 BC 0.04 WB 0.00 (Matrix)	Vert(LL) -0.00 Vert(TL) -0.00 Horz(TL) -0.00	2 2-5 4	>999 >999 n/a	360 240 n/a	MT20	197/144
TCDL 5.8							Weight: 10 lb	FT = 0%
BCLL 0.0 *								
BCDL 15.0								

LUMBER
 TOP CHORD 2 X 4 SPF 1650F 1.5E
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 SLIDER Left 2 X 6 SPF 2100F 1.8E 1-6-8

BRACING
 TOP CHORD Structural wood sheathing directly applied or 1-10-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

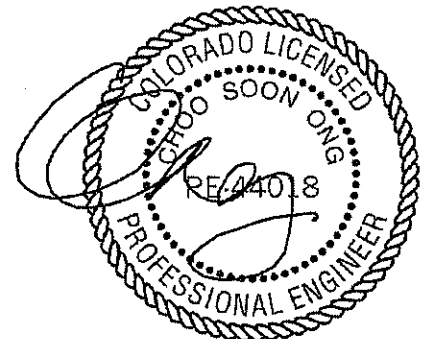
REACTIONS (lb/size) 2=339/0-8-0 (min. 0-1-8), 5=28/Mechanical, 4=-8/Mechanical
 Max Horz2=57(LC 5)
 Max Uplift2=-266(LC 5), 4=-71(LC 11)
 Max Grav2=346(LC 2), 5=47(LC 4), 4=19(LC 9)

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

NOTES

- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



October 27, 2011

WARNING Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII 7473 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, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.

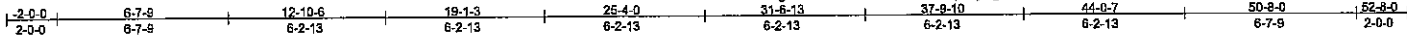


Job B1104093	Truss T01	Truss Type COMMON TRUSS	Qty 13	Ply 1	B1104093-Harold H. Thompson Job Reference (optional)	R33797740
-----------------	--------------	----------------------------	-----------	----------	---	-----------

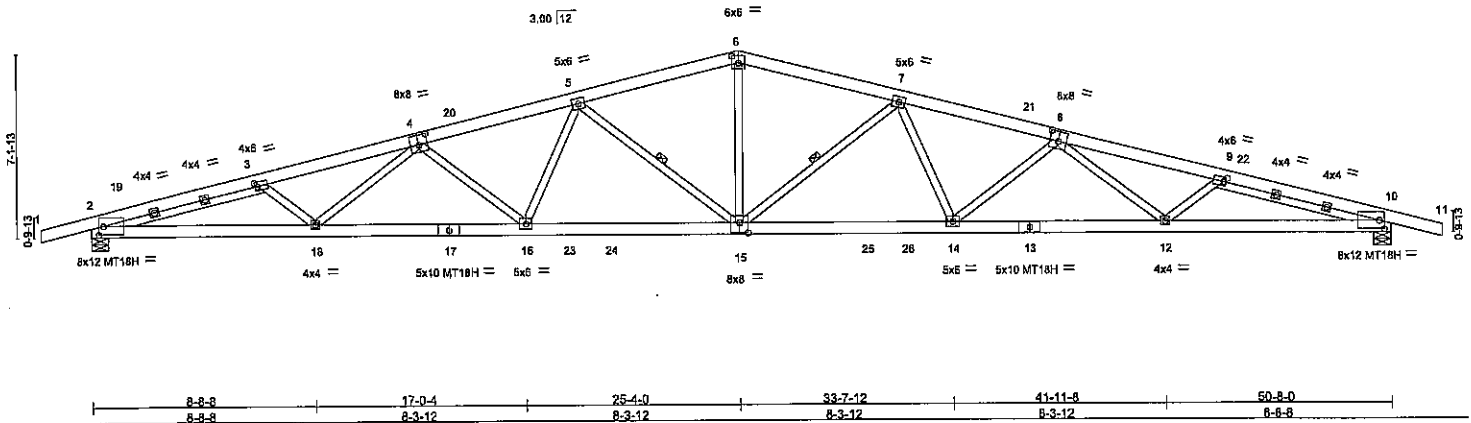
Foxworth Galbraith Truss Co, Colorado Springs, CO 80907

7.250 s Aug 25 2011 MiTek Industries, Inc. Thu Oct 27 12:25:33 2011 Page 1

ID:clgk4T76OW901JOKW7q9Lykgz3-mTUF7HdIC7iOuT4x5tco7eJdTPR5p1RzsKl_SdyPBjG



Scale = 1:88.7



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 33.0 (Roof Snow=33.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code IBC2006/TP12002	TC 0.39 BC 0.58 WB 0.94 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.61 14-15 >982 360 Vert(TL) -1.18 14-15 >508 240 Horz(TL) 0.33 10 n/a n/a	MT20 MT18H	169/123 197/144
TCDL 5.8				Weight: 264 lb	FT = 0%
BCLL 0.0 *					
BCDL 15.0					

LUMBER
 TOP CHORD 2 X 6 SPF 2100F 1.8E
 BOT CHORD 2 X 6 SPF 2100F 1.8E
 WEBS 2 X 4 WW Stud/Std *Except*
 6-15: 2 X 4 SPF No.2
 SLIDER Left 2 X 4 SPF 1650F 1.5E 6-5-0, Right 2 X 4 SPF 1650F 1.5E 6-5-0

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-2-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-2-6 oc bracing.
 WEBS 1 Row at midpt 7-15, 5-15

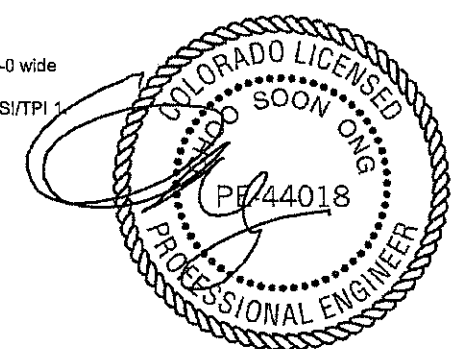
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=2934/0-8-0 (min. 0-4-13), 10=2934/0-8-0 (min. 0-4-13)
 Max Horz 2=-87(LC 6)
 Max Uplift 2=-964(LC 7), 10=-964(LC 8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-19=-7750/2017, 3-19=-7616/2018, 3-4=-7671/1950, 4-20=-6938/1767,
 5-20=-6875/1774, 5-6=-5484/1447, 6-7=-5484/1447, 7-21=-6875/1774, 8-21=-6938/1767,
 8-9=-7671/1951, 9-22=-7616/2019, 10-22=-7750/2018
 BOT CHORD 2-18=-1877/7301, 17-18=-1772/7256, 16-17=-1772/7256, 16-23=-1478/6343,
 23-24=-1478/6343, 15-24=-1478/6343, 15-25=-1469/6343, 25-26=-1469/6343,
 14-26=-1469/6343, 13-14=-1747/7256, 12-13=-1747/7256, 10-12=-1838/7301
 WEBS 6-15=-454/2074, 7-15=-1806/419, 7-14=-144/917, 8-14=-843/316, 8-12=-2/352,
 9-12=0/317, 5-15=-1806/419, 5-16=-144/917, 4-16=-843/316, 4-18=-1/352, 3-18=0/317

- NOTES**
- 1) Wind: ASCE 7-05; 100mph; TCDL=2.4psf; BCDL=4.5psf; h=25ft; Cat. III; Exp C; enclosed; MWFRS (low-rise) interior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-05; Pf=33.0 psf (flat roof snow); Category III; Exp C; Fully Exp.; Ct= 1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 33.0 psf on overhangs non-concurrent with other live loads.
 - 5) All plates are MT20 plates unless otherwise indicated.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 15.0psf.
 - 8) This truss is designed in accordance with the 2006 International Building Code section 2306.1 and referenced standard ANSI/TP1

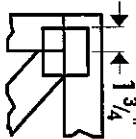
LOAD CASE(S) Standard



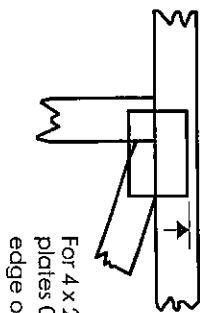
October 27, 2011

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless X, Y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ " from outside edge of truss.

— This symbol indicates the required direction of slots in connector plates.

* Plate location details available in MITEK 20/20 software or upon request.

PLATE SIZE

4 X 4

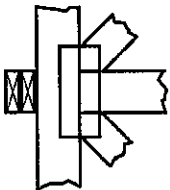
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

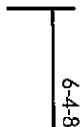


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

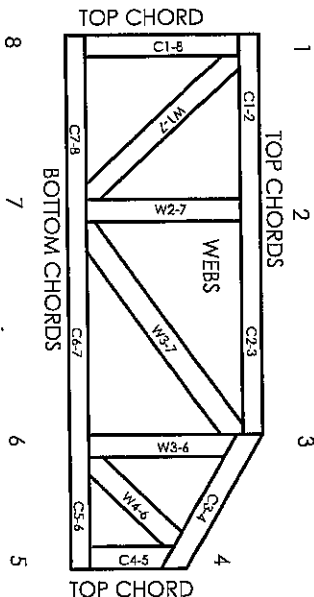
Industry Standards:

ANSI/FP11: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ER-5243, 9604B,
95-43, 96-31, 9667A
NER-487, NER-561
95110, 84-32, 96-67, ER-3907, 9432A

© 2006 MITEK® All Rights Reserved



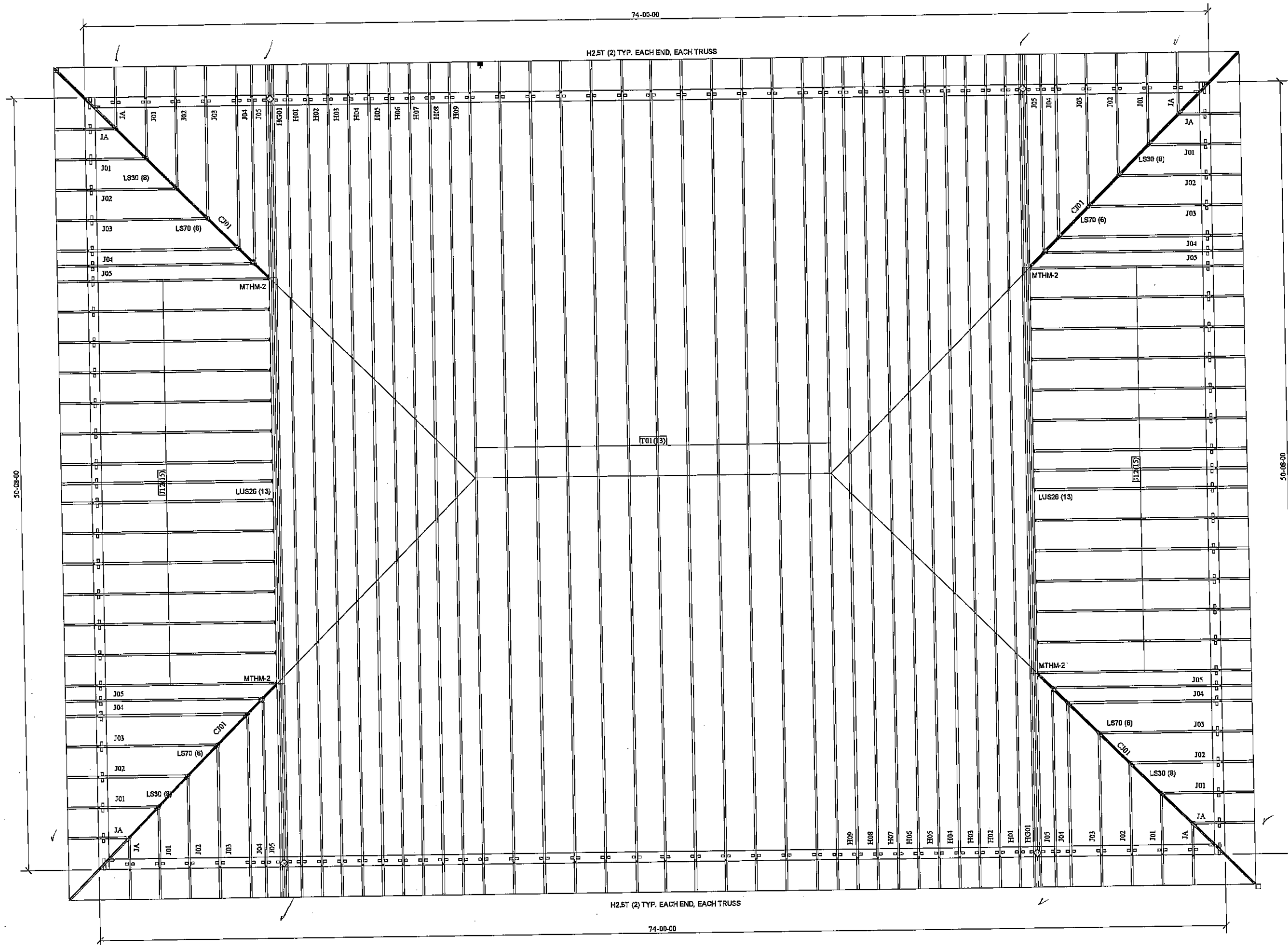
POWER TO PERFORM.™


MITEK Engineering Reference Sheet: Mill-7473 rev. 10-108

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/FP11.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/FP11.
8. Unless otherwise noted, moisture content of lumber shall not exceed 17% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum; plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/FP11 Quality Criteria.



CLIENT:	Lam-Wood Systems
JOB:	Harold D Thompson WRF 14611 Lower Fountain Heights Fountain Co.
LOADING:	33-4-15
DATE:	10/27/2011
JOB #:	B1104093
DRAWN BY:	Chris Larimore
	

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of wood trusses" available from the Truss Plate Institute, 585 D'Onofrio Drive, Madison, WI 53179.