

Project Information for:

Builder: L162015
 Lot: HUGO ESCALANTE Date: 5/2/2006
 Subdivision: Lot 31 ROLLING MEADOWS Start Number: 1114
 County or City: N/A
 Truss Page Count: COLUMBIA COUNTY
 45

Truss Design Load Information (UNO)

Design Program: MiTek 5.2 / 6.2

Gravity Wind Building Code: FBC2004
 Roof (psf): 42 Wind Standard: ASCE 7-02
 Floor (psf): 55 Wind Speed (mph): 120

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

ESCALANTE, HUGO CRC 1326967
 Address: P.O. BOX 280
 FORT WHITE, FL. 32038 Designer: 36

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987

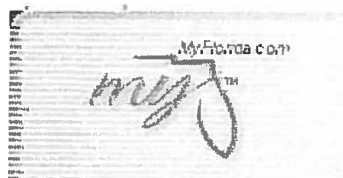
Company: Structural Engineering and Inspections, Inc. EB 9196
 Address: 16105 N. Florida Ave, Ste B, Lutz, FL 33549

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for vertical loads only, unless noted otherwise.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0502061114	5/2/2006	41	T26	0502061154	5/2/2006
2	CJ3	0502061115	5/2/2006	42	T26G	0502061155	5/2/2006
3	CJ4	0502061116	5/2/2006	43	T27	0502061156	5/2/2006
4	CJ5	0502061117	5/2/2006	44	T27G	0502061157	5/2/2006
5	EJ6	0502061118	5/2/2006	45	T28	0502061158	5/2/2006
6	EJ7	0502061119	5/2/2006				
7	EJ7A	0502061120	5/2/2006				
8	EJ7B	0502061121	5/2/2006				
9	EJ7G	0502061122	5/2/2006				
10	EJ7T	0502061123	5/2/2006				
11	HJ4	0502061124	5/2/2006				
12	HJ7	0502061125	5/2/2006				
13	HJ9	0502061126	5/2/2006				
14	T01	0502061127	5/2/2006				
15	T02	0502061128	5/2/2006				
16	T03	0502061129	5/2/2006				
17	T03A	0502061130	5/2/2006				
18	T05	0502061131	5/2/2006				
19	T06	0502061132	5/2/2006				
20	T07	0502061133	5/2/2006				
21	T08	0502061134	5/2/2006				
22	T09	0502061135	5/2/2006				
23	T10	0502061136	5/2/2006				
24	T11	0502061137	5/2/2006				
25	T12	0502061138	5/2/2006				
26	T13	0502061139	5/2/2006				
27	T13A	0502061140	5/2/2006				
28	T14	0502061141	5/2/2006				
29	T15	0502061142	5/2/2006				
30	T16	0502061143	5/2/2006				
31	T17	0502061144	5/2/2006				
32	T18	0502061145	5/2/2006				
33	T19	0502061146	5/2/2006				
34	T19A	0502061147	5/2/2006				
35	T20	0502061148	5/2/2006				
36	T21	0502061149	5/2/2006				
37	T22	0502061150	5/2/2006				
38	T23	0502061151	5/2/2006				
39	T24	0502061152	5/2/2006				
40	T25	0502061153	5/2/2006				

MAY 02 2006

[Log On](#)[DBPR Home](#) | [Online Services Home](#) | [Help](#) | [Site Map](#)

02:00:39 PM 10/6/2004

Public Services

[Search for a Licensee](#)
[Apply for a License](#)
[View Application Status](#)
[Apply to Retake Exam](#)
[Find Exam Information](#)
[Find a CE Course](#)
[File a Complaint](#)
[AB&T Delinquent Invoice & Activity List Search](#)

User Services

[Renew a License](#)
[Change License Status](#)
[Maintain Account](#)
[Change My Address](#)
[View Messages](#)
[Change My PIN](#)
[View Continuing Ed](#)

Licensee Details**Licensee Information**

Name: **ESCALANTE, HUGO (Primary Name)**
Main Address: **EWPL INC (DBA Name)**
P.O. BOX 280
FORT WHITE, Florida 32038

License Information

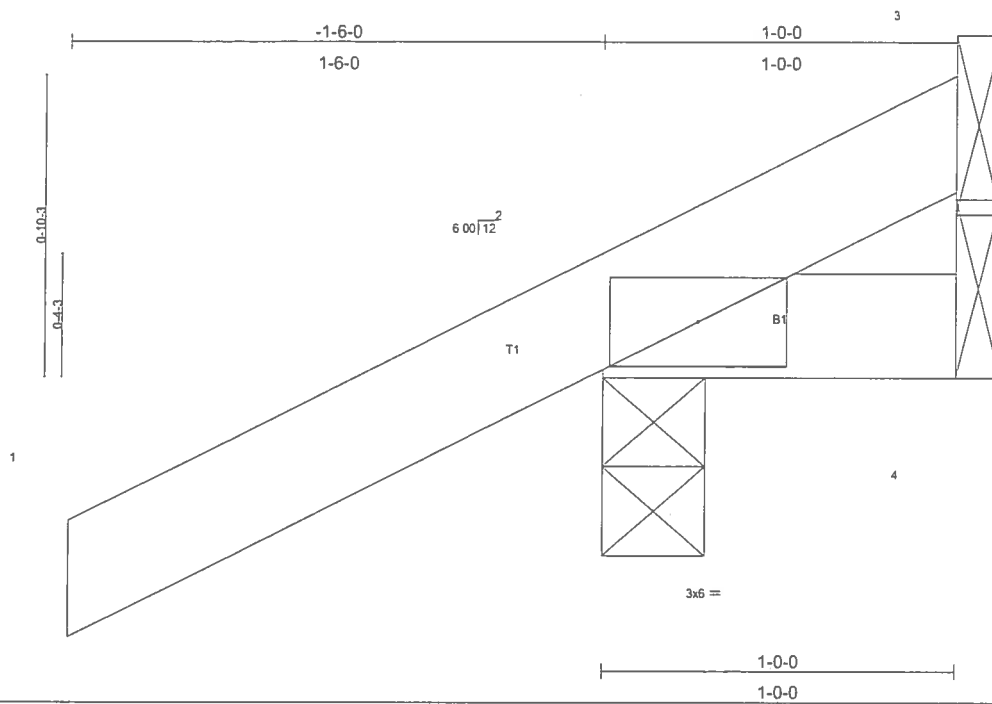
License Type: **Certified Residential Contractor**
Rank: **Cert Residential**
License Number: **CRC1326967**
Status: **Current, Active**
Licensure Date: **11/24/2003**
Expires: **08/31/2006**

Special Qualifications	Effective Date
------------------------	----------------

Qualified Business License Required	11/24/2003
-------------------------------------	------------

[Term Glossary](#)[Online Help](#)[View Related License Information](#)[View License Complaint](#)[New Search](#)[Back](#)[Terms of Use](#) | [Privacy Statement](#)

Job L162015	Truss CJ1	Truss Type MONO TRUSS	Qty 6	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6,200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:14 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.19	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 2 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
	Code FBC2004/TP12002			Weight: 6 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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

REACTIONS (lb/size) 2=189/0-3-8, 4=14/Mechanical, 3=40/Mechanical
Max Horz 2=84(load case 5)
Max Uplift 2=220(load case 5), 3=40(load case 1)
Max Grav 2=189(load case 1), 4=14(load case 1), 3=73(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=45/41
BOT CHORD 2-4=0/0

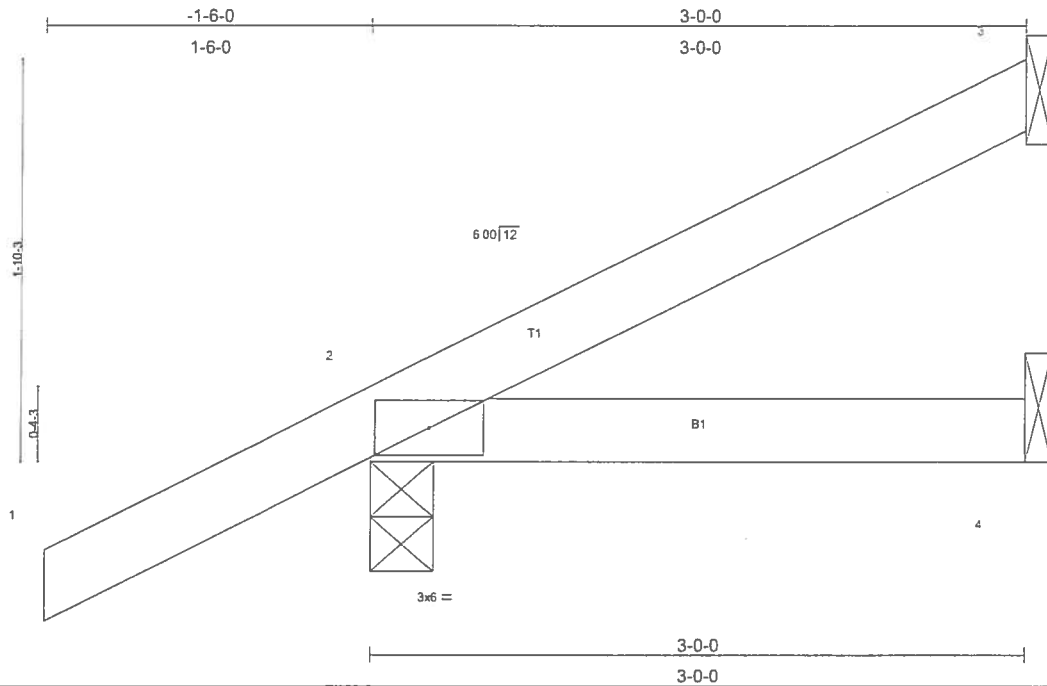
JOINT STRESS INDEX
2 = 0.12

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 220 lb uplift at joint 2 and 40 lb uplift at joint 3.

LOAD CASE(S) Standard

Job L162015	Truss CJ3	Truss Type MONO TRUSS	Qty 6	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:14 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.21	Vert(LL)	-0.00	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.06	Vert(TL)	-0.01	2-4	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 12 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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

REACTIONS (lb/size) 3=49/Mechanical, 2=232/0-3-8, 4=42/Mechanical
Max Horz 2=137(load case 5)
Max Uplift 3=-47(load case 5), 2=-187(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-52/16
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.13

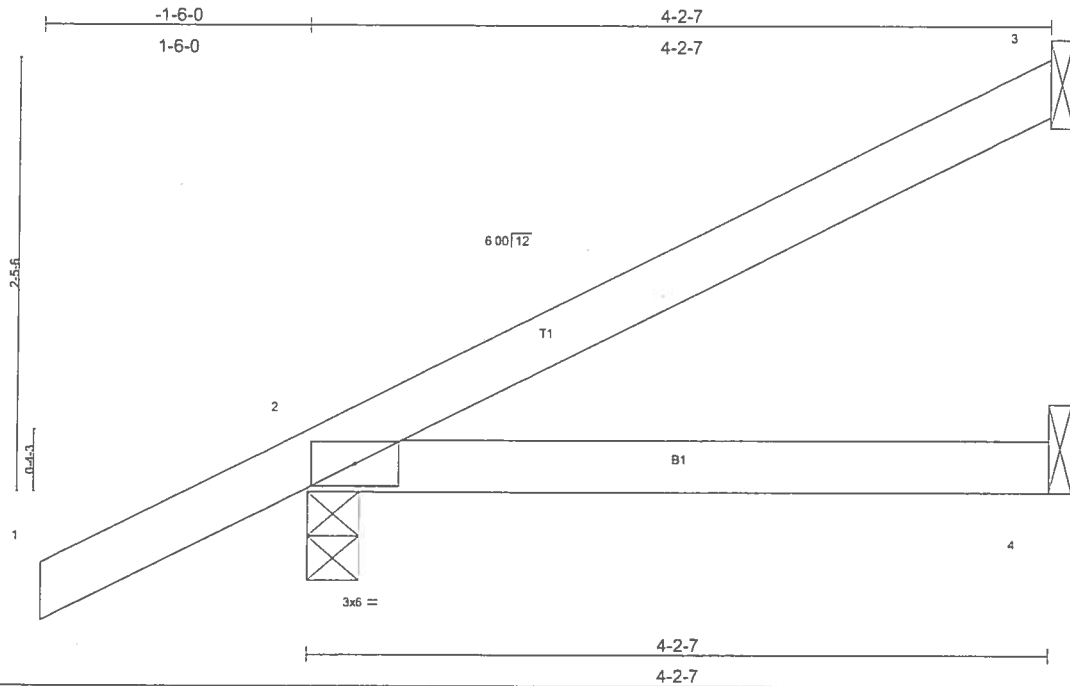
NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 3 and 187 lb uplift at joint 2.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss CJ4	Truss Type MONO TRUSS	Qty 4	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:15 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.21	Vert(LL)	-0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.11	Vert(TL)	-0.02	2-4	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 16 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

REACTIONS (lb/size) 3=90/Mechanical, 2=275/0-3-8, 4=60/Mechanical
Max Horz 2=170(load case 5)
Max Uplift 3=95(load case 5), 2=191(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-89/32
BOT CHORD 2-4=0/0

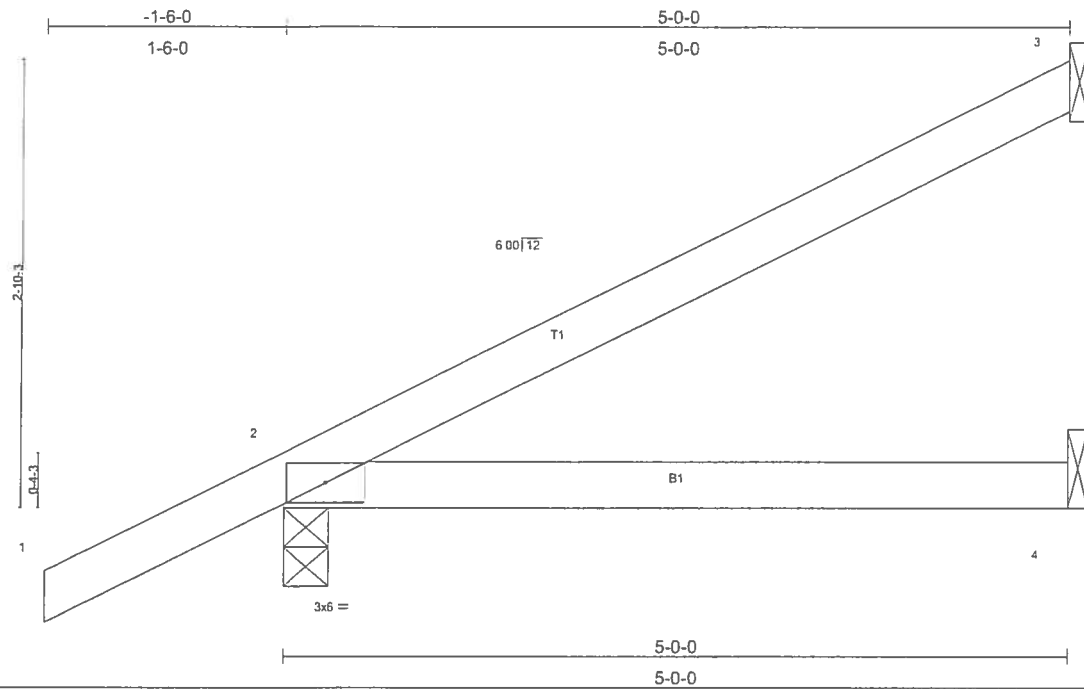
JOINT STRESS INDEX
2 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 95 lb uplift at joint 3 and 191 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	CJ5	MONO TRUSS	6	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:15 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.30	Vert(LL) -0.03 2-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.16	Vert(TL) -0.05 2-4 >999 180		
BCLL 10.0	Rep Stress incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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

REACTIONS (lb/size) 3=114/Mechanical, 2=305/0-3-8, 4=72/Mechanical
Max Horiz 2=192(load case 5)
Max Uplift3=-124(load case 5), 2=-197(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-112/41
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.15

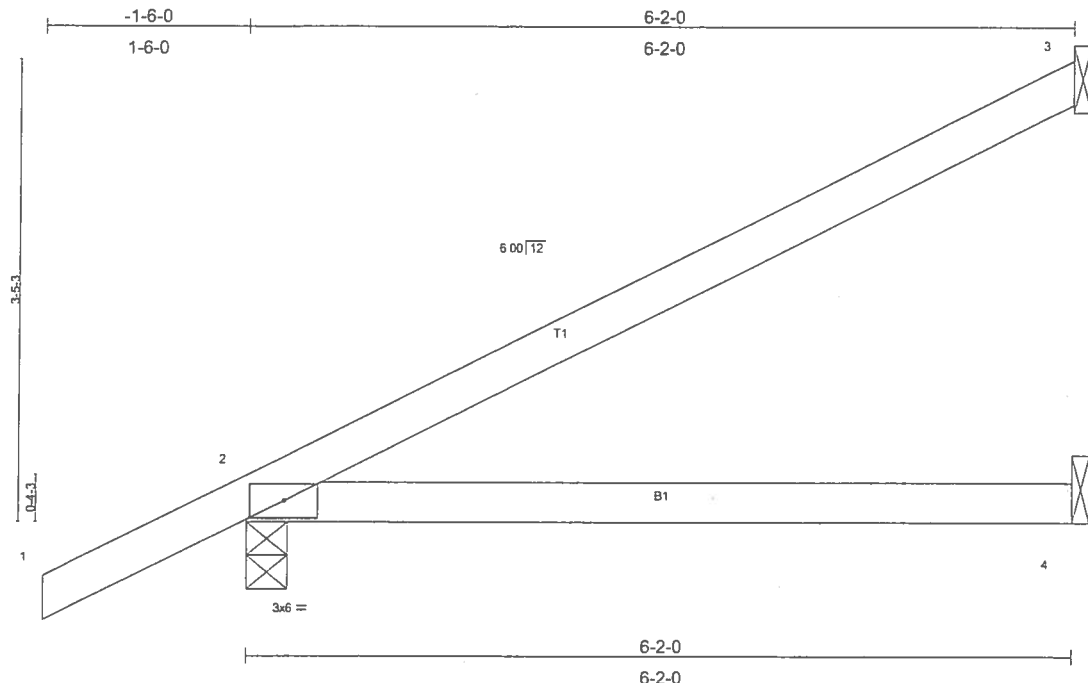
NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed: MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 124 lb uplift at joint 3 and 197 lb uplift at joint 2.

LOAD CASE(S) Standard

**MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	EJ6	MONO TRUSS	1	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:16 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/def l/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.50	Vert(LL) -0.07 2-4 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.25	Vert(TL) -0.12 2-4 >618 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 22 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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) 3=149/Mechanical, 2=351/0-3-8, 4=89/Mechanical
Max Horz 2=224(load case 5)
Max Uplift3=-164(load case 5), 2=-208(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-140/54
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.17

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf, BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 164 lb uplift at joint 3 and 208 lb uplift at joint 2.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B. LUTZ, FL 33549

Job L162015	Truss EJ7	Truss Type MONO TRUSS	Qty 20	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:16 2006 Page 1		

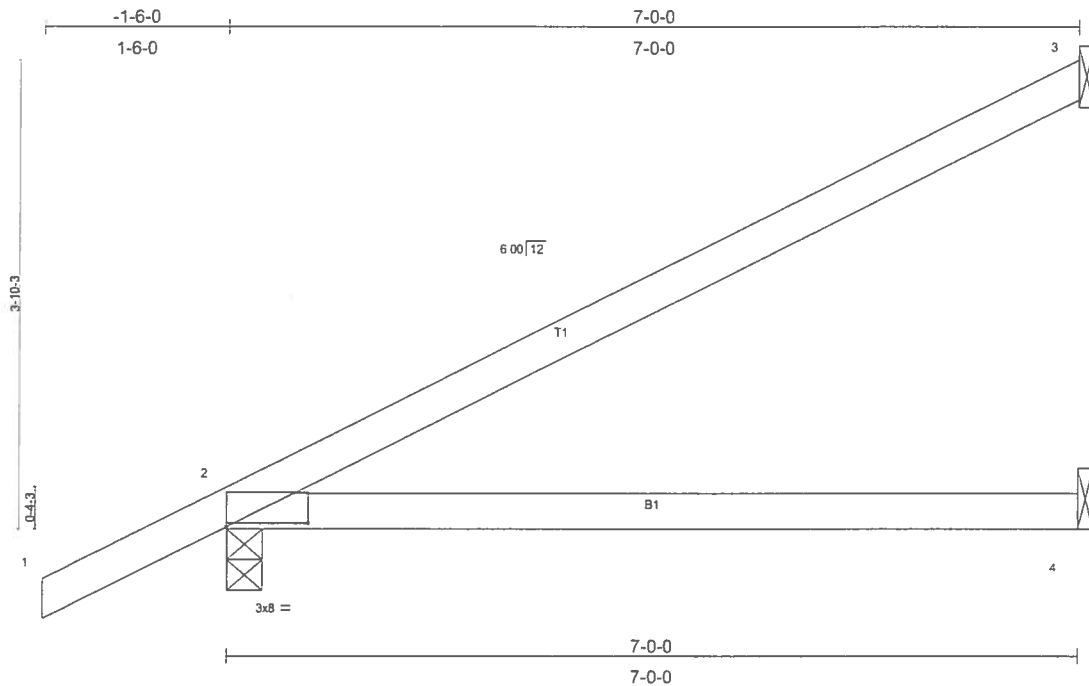


Plate Offsets (X,Y): [2:0-8-0,0-0-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.52	Vert(LL)	-0.13	2-4	>606	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.37	Vert(TL)	-0.22	2-4	>365	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 25 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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) 3=166/Mechanical, 2=385/0-3-8, 4=108/Mechanical
Max Horz 2=247(load case 5)
Max Uplift 3=-170(load case 5), 2=-217(load case 5), 4=-1(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-142/59
BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.76

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 3, 217 lb uplift at joint 2 and 1 lb uplift at joint 4.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

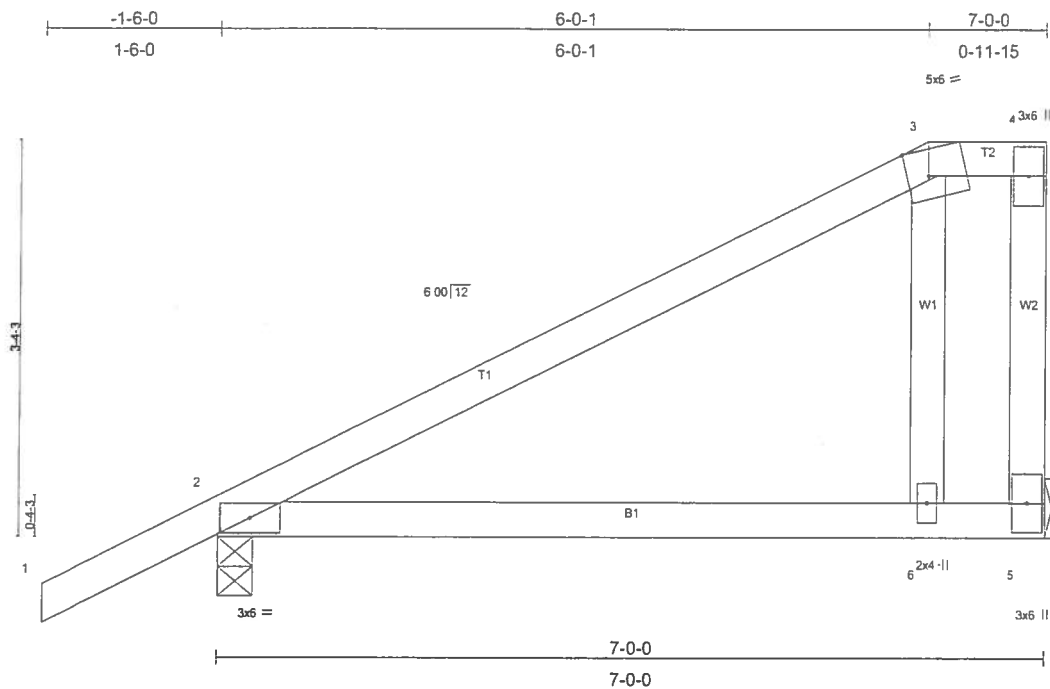


Plate Offsets (X,Y): [3:0-2-3.Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.63	Vert(LL) 0.07	2-6	>999	240	MT20
TCDL 7.0	Lumber Increase 1.25	BC 0.34	Vert(TL) -0.11	2-6	>759	180	244/190
BCLL 10.0	Rep Stress Incr YES	WB 0.07	Horz(TL) 0.00	5	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)					Weight: 33 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.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.

REACTIONS

(lb/size) 5=271/Mechanical, 2=382/0-3-8
Max Horz 2=222(load case 5)
Max Uplift 5=-144(load case 5), 2=-226(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/35, 2-3=-194/0, 3-4=-109/100, 4-5=-99/4
BOT CHORD 2-6=-100/109, 5-6=-100/109
WEBS 3-6=-52/272

JOINT STRESS INDEX

2 = 0.52, 3 = 0.36, 4 = 0.48, 5 = 0.49 and 6 = 0.16

NOTES

1) Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) Provide adequate drainage to prevent water ponding.

3) Refer to girder(s) for truss to truss connections.

4) Bearings are assumed to be:

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 5 and 226 lb uplift at joint 2.

LOAD CASE(S) Standard

**MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L162015	Truss EJ7B	Truss Type MONO TRUSS	Qty 3	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:17 2006 Page 1

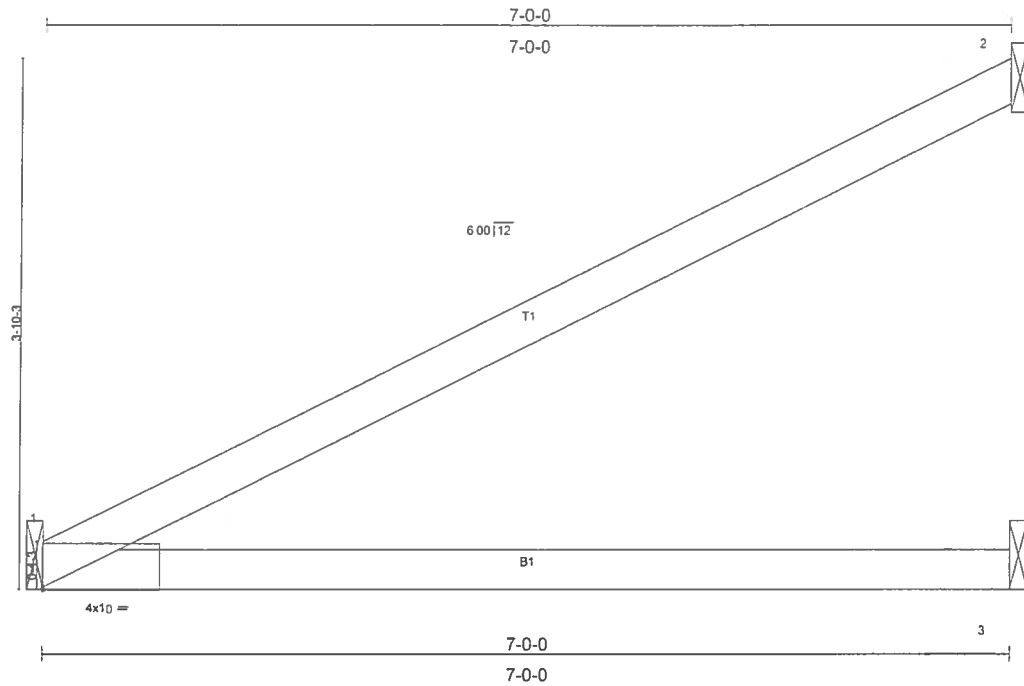


Plate Offsets (X,Y): [1:0-0-0-0-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.57	Vert(LL)	0.19	1-3	>440	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.44	Vert(TL)	-0.26	1-3	>316	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 22 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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

REACTIONS (lb/size) 1=289/Mechanical, 2=173/Mechanical, 3=116/Mechanical
Max Horz 1=192(load case 5)
Max Uplift 1=90(load case 5), 2=179(load case 5), 3=9(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-147/62
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.71

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 90 lb uplift at joint 1, 179 lb uplift at joint 2 and 9 lb uplift at joint 3.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss EJ7G	Truss Type MONO HIP	Qty 2	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)

6/2005 Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:18 2006 Page 1

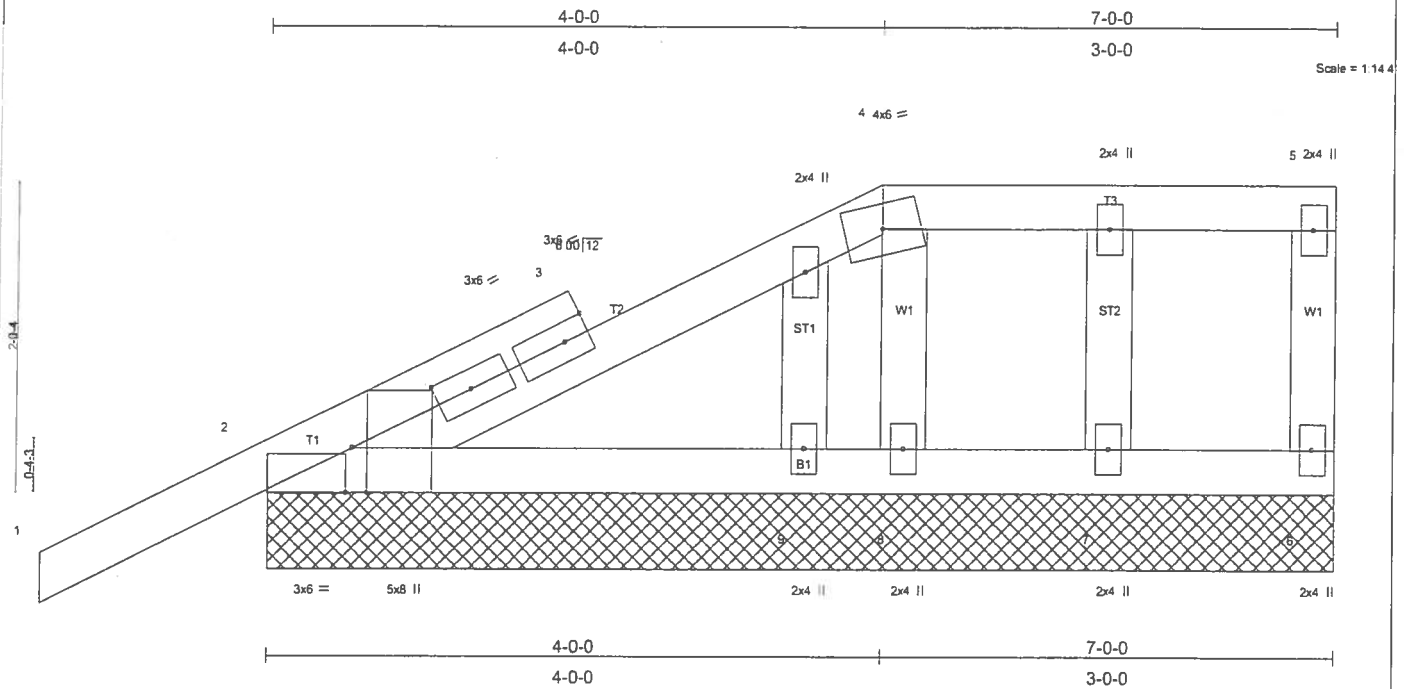


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge], [3:0-2-12,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.25	Vert(LL)	-0.00	1	n/r	120	
TCDL 7.0	Lumber Increase	1.25	BC 0.09	Vert(TL)	-0.00	1	n/r	90	
BCLL 10.0	Rep Stress Incr	NO	WB 0.09	Horz(TL)	-0.00	6	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 35 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 OTHERS 2 X 4 SYP No.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.

REACTIONS (lb/size) 2=364/7-0-0, 6=115/7-0-0, 8=264/7-0-0, 9=138/7-0-0, 7=51/7-0-0
 Max Horz 2=149(load case 5)
 Max Uplift 2=243(load case 5), 6=91(load case 3), 8=197(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-11/56, 2-3=-104/24, 3-4=-40/34, 4-5=-15/21, 5-6=-98/112
 BOT CHORD 2-9=-48/41, 8-9=-48/41, 7-8=-21/15, 6-7=-21/15
 WEBS 4-8=-308/349

JOINT STRESS INDEX
 2 = 0.35, 2 = 0.00, 3 = 0.00, 3 = 0.36, 3 = 0.36, 4 = 0.52, 5 = 0.29, 6 = 0.10, 7 = 0.00, 8 = 0.20, 9 = 0.00, 10 = 0.00 and 11 = 0.00

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 3) Provide adequate drainage to prevent water ponding.
- 4) Gable requires continuous bottom chord bearing.
- 5) Gable studs spaced at 2-0-0 oc.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 243 lb uplift at joint 2, 91 lb uplift at joint 6 and 197 lb uplift at joint 8.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-87(F=-33), 4-5=-87(F=-33), 2-6=-30

Job L162015	Truss EJ7T	Truss Type SPECIAL	Qty 5	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 M/Tek Industries, Inc. Tue May 02 09:06:19 2006 Page 1		

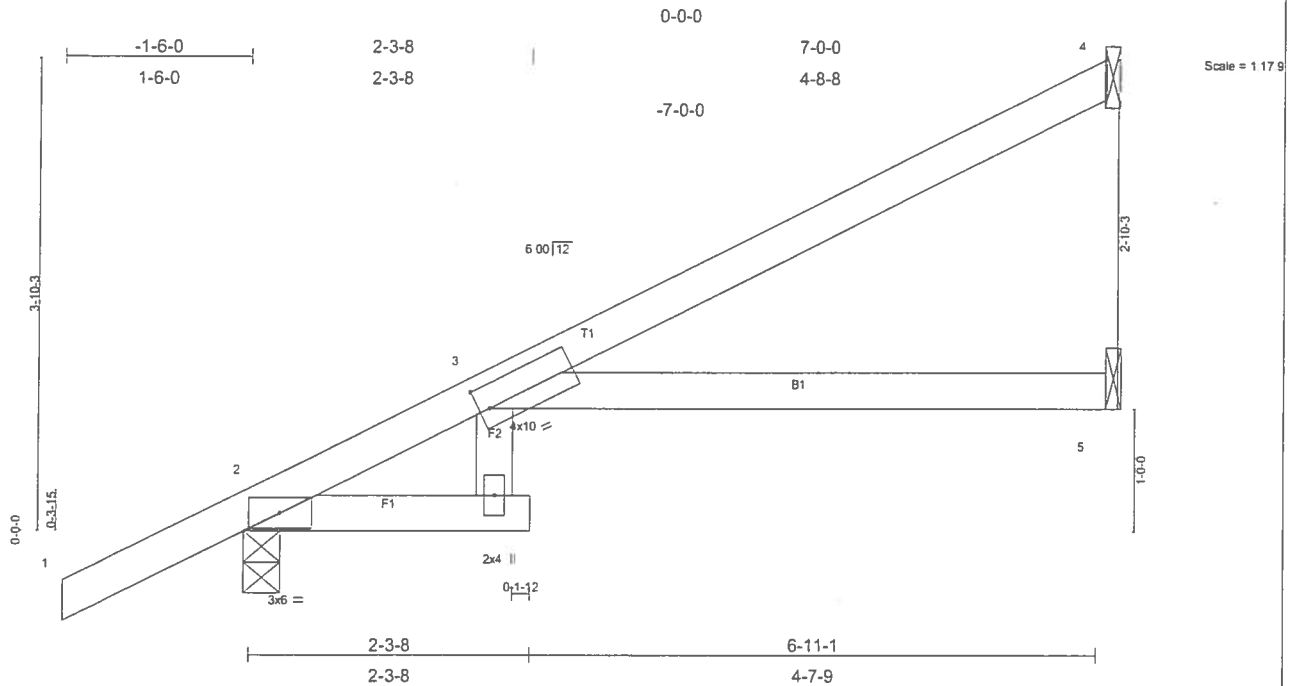


Plate Offsets (X,Y): [3:0-1-0-0-2-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.53	Vert(LL)	0.22	3-5	>362	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.49	Vert(TL)	-0.26	3-5	>316	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.10	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002		(Matrix)							
									Weight: 26 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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) 4=153/Mechanical, 5=115/Mechanical, 2=357/0-3-8
 Max Horz.2=250(load case 5)
 Max Uplift4=-142(load case 5), 5=-22(load case 5), 2=-223(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/41, 2-3=-161/0, 3-4=-113/57
 BOT CHORD 3-5=0/0

JOINT STRESS INDEX

2 = 0.00, 3 = 0.94 and 7 = 0.00

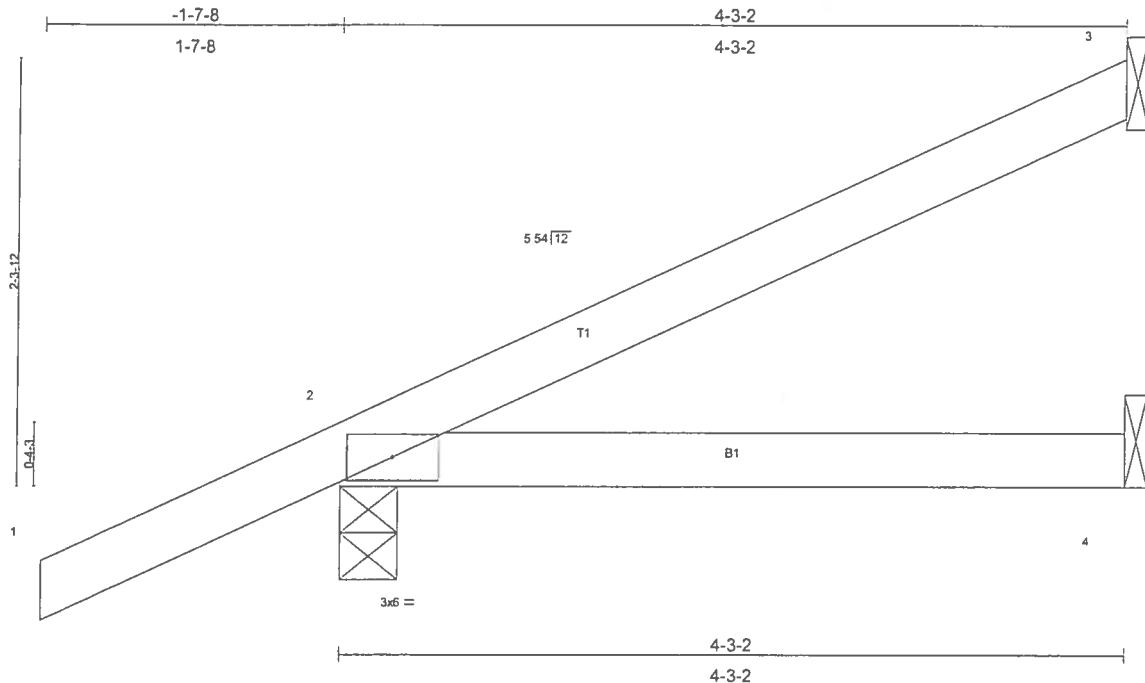
NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B, enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 4, 22 lb uplift at joint 5 and 223 lb uplift at joint 2.
- 5) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss HJ4	Truss Type MONO TRUSS	Qty 4	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:20 2006 Page 1					



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	t/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.23	Vert(LL)	-0.01	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.12	Vert(TL)	-0.02	2-4	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 16 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing

REACTIONS (lb/size) 3=88/Mechanical, 2=287/0-3-13, 4=61/Mechanical
Max Horz 2=163(load case 5)
Max Uplift 3=-89(load case 5), 2=-209(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/36, 2-3=-81/29
BOT CHORD 2-4=0/0

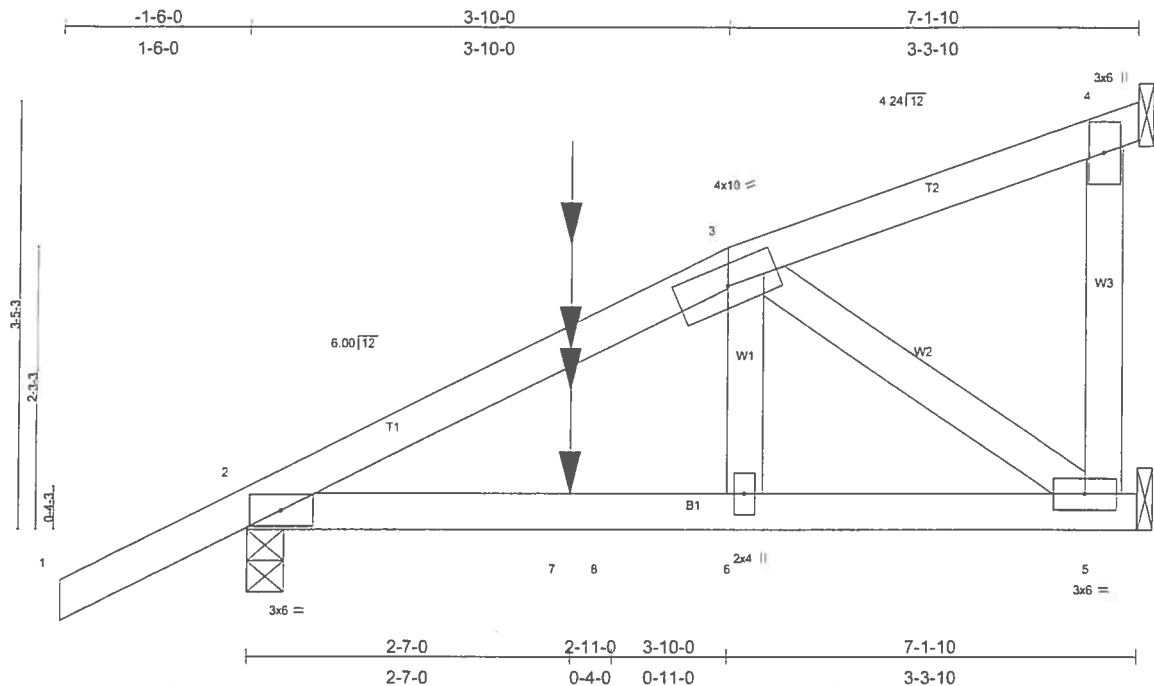
JOINT STRESS INDEX
2 = 0.14

NOTES

- 1) Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 89 lb uplift at joint 3 and 209 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L162015	Truss HJ7	Truss Type PORCH TRUSS	Qty 2	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 M/Tek Industries, Inc. Tue May 02 09:06:21 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.24	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.31	Vert(LL) 0.03 2-6 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.14	Vert(TL) -0.04 2-6 >999 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.00 5 n/a n/a		
	Code FBC2004/TP12002			Weight: 36 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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=530/0-3-8, 4=59/Mechanical, 5=306/Mechanical
 Max Horz 2=221(load case 5)
 Max Uplift 2=284(load case 5), 4=70(load case 3), 5=131(load case 5)
 Max Grav 2=530(load case 1), 4=62(load case 9), 5=306(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=526/251, 3-4=38/15
 BOT CHORD 2-7=375/439, 7-8=375/439, 6-8=375/439, 5-6=384/462
 WEBS 3-6=115/311, 4-5=0/0, 3-5=550/457

JOINT STRESS INDEX
 2 = 0.60, 3 = 0.50, 4 = 0.00, 5 = 0.21 and 6 = 0.23

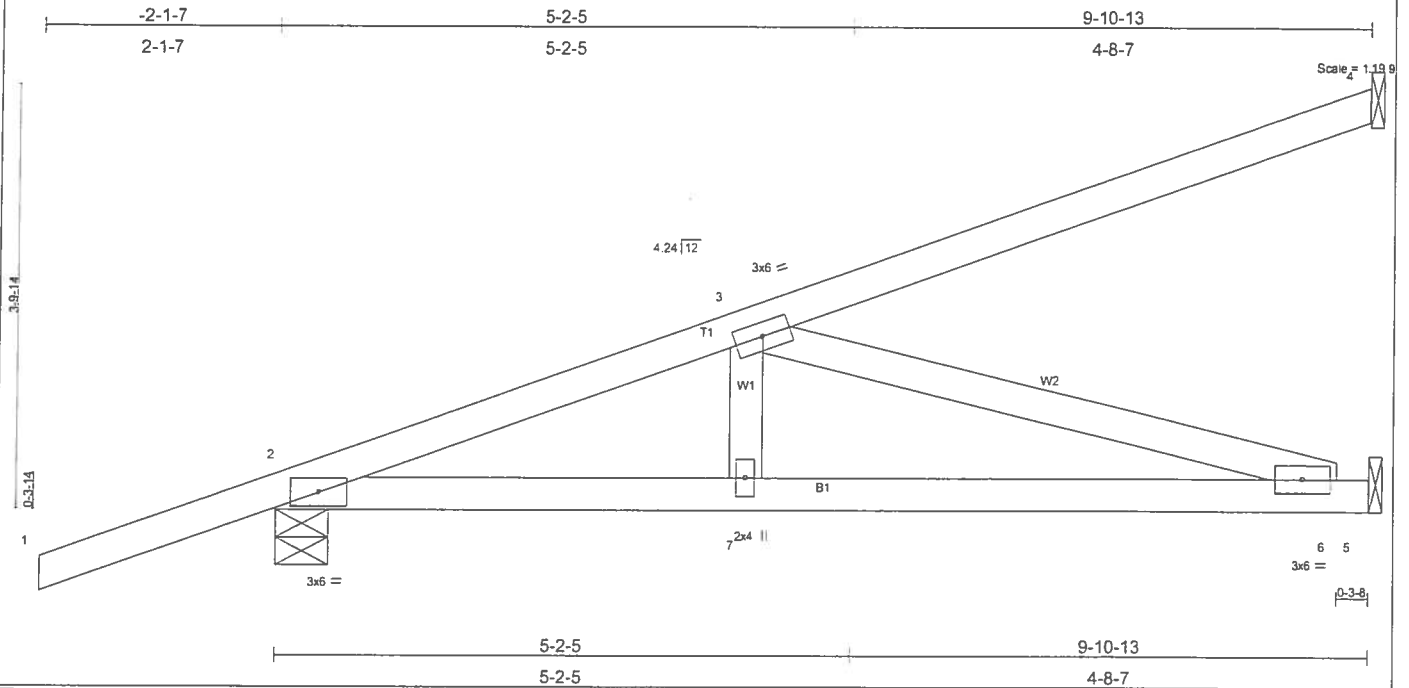
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Bearings are assumed to be:
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 284 lb uplift at joint 2, 70 lb uplift at joint 4 and 131 lb uplift at joint 5.
- 6) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 46 lb up at 2-7-0, 60 lb down and 46 lb up at 2-11-0, and 60 lb down and 46 lb up at 2-11-0, and 61 lb down and 46 lb up at 2-7-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-4=-54, 2-5=-30
 Concentrated Loads (lb)
 Vert: 7=-122(F=-61, B=-61) 8=-120(F=-60, B=-60)

Job	Truss	Truss Type	Qty	Pty	HUGO- LOT 31 ROLLING MEADOWS
L162015	HJ9	MONO TRUSS	3	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 Miltek Industries, Inc. Tue May 02 09:06:21 2006 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates increase 1.25	TC 0.60	Vert(LL) -0.10 6-7 >999 240	MT20	244/190
TCDL 7.0	Lumber increase 1.25	BC 0.58	Vert(TL) -0.17 6-7 >694 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.52	Horz(TL) 0.01 5 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 44 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 5-11-5 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-7-14 oc bracing.

REACTIONS (lb/size) 4=268/Mechanical, 2=486/0-5-11, 5=387/Mechanical
Max Horiz 2=301(load case 2)
Max Uplift 4=-281(load case 2), 2=-287(load case 2), 5=-105(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=932/240, 3-4=121/65
BOT CHORD 2-7=-465/868, 6-7=-465/868, 5-6=0/0
WEBS 3-7=0/197, 3-6=-902/484

JOINT STRESS INDEX
2 = 0.71, 3 = 0.24, 6 = 0.25 and 7 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 4, 287 lb uplift at joint 2 and 105 lb uplift at joint 5.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=54
Trapezoidal Loads (plf)
Vert: 2=3(F=25, B=25)-to-4=-134(F=40, B=-40), 2=0(F=15, B=15)-to-5=-74(F=22, B=22)

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T01	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:22 2006 Page 1		

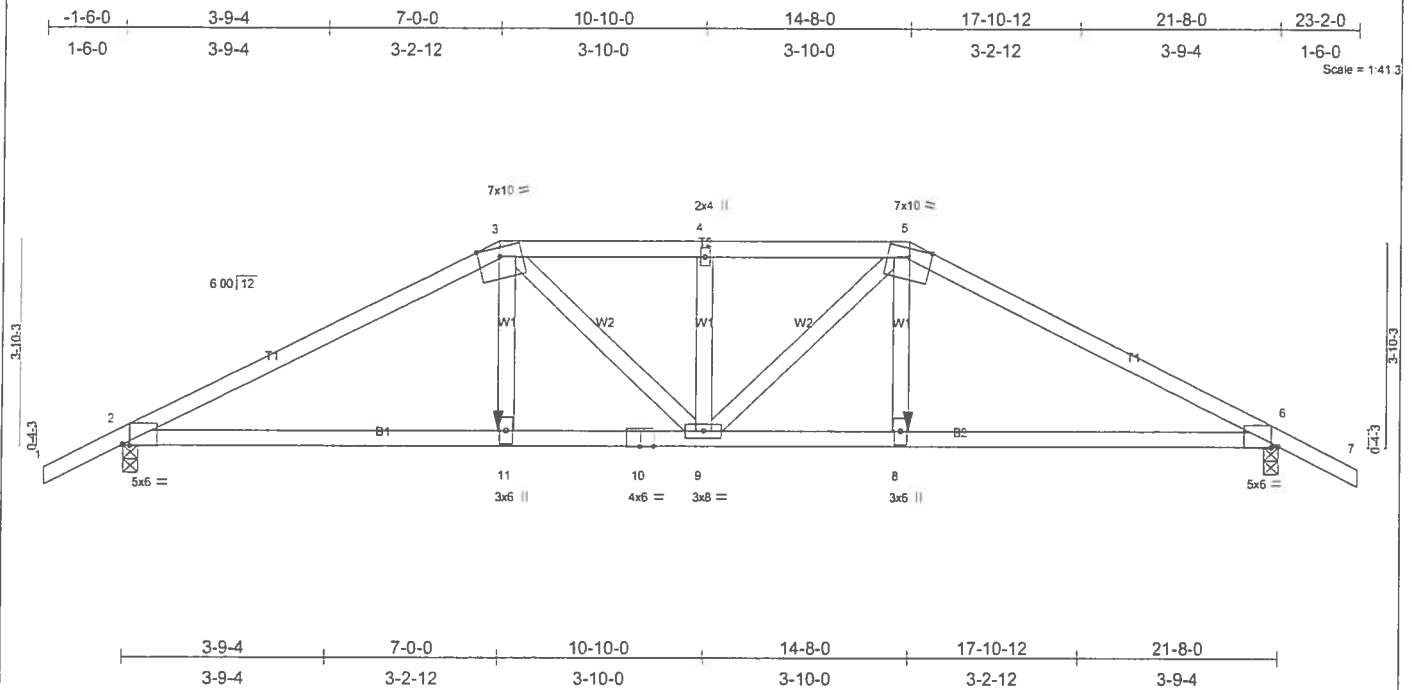


Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.60	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.84	Vert(LL) -0.17 6-8 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.26	Vert(TL) -0.27 6-8 >945 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.11 6 n/a n/a		
	Code FBC2004/TPI2002				
				Weight: 101 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 2-11-4 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 5-0-5 oc bracing

REACTIONS (lb/size) 2=1899/0-3-8, 6=1899/0-3-8
 Max Horz 2=-92(load case 5)
 Max Uplift 2=-1055(load case 4), 6=-1055(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-3468/1787, 3-4=-3347/1812, 4-5=-3347/1812, 5-6=-3468/1787, 6-7=0/35
 BOT CHORD 2-11=-1524/3012, 10-11=-1536/3046, 9-10=-1536/3046, 8-9=-1484/3046, 6-8=-1472/3012
 WEBS 3-11=-315/809, 3-9=-368/538, 4-9=-414/465, 5-9=-368/538, 5-8=-315/809

JOINT STRESS INDEX
 2 = 0.86, 3 = 0.75, 4 = 0.34, 5 = 0.75, 6 = 0.86, 8 = 0.26, 9 = 0.57, 10 = 0.92 and 11 = 0.26

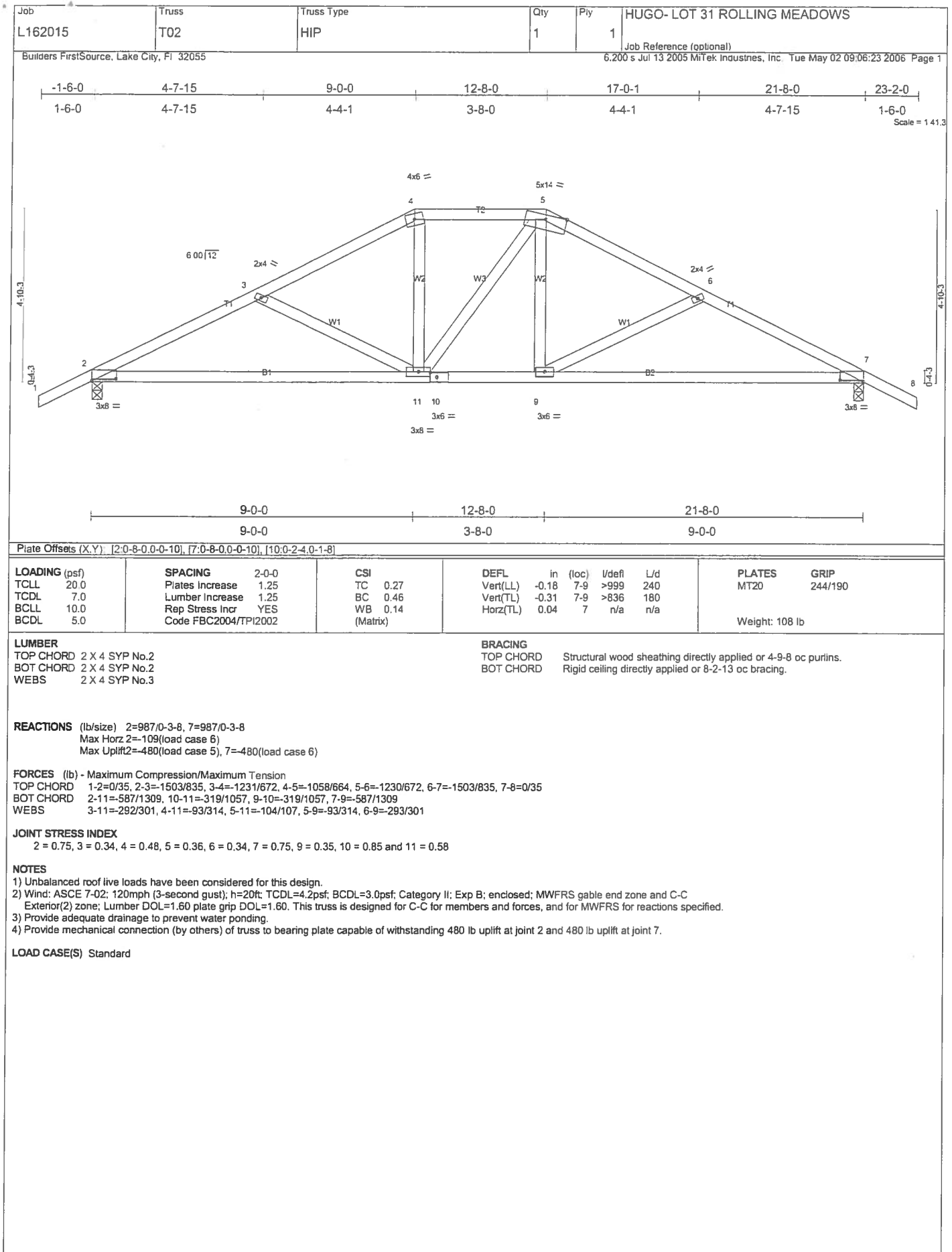
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1055 lb uplift at joint 2 and 1055 lb uplift at joint 6.
- Girder carries hip end with 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 348 lb up at 14-8-0, and 539 lb down and 348 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-5=-118(F=-64), 5-7=-54, 2-11=-30, 8-11=-65(F=-35), 6-8=-30
 Concentrated Loads (lb)
 Vert 11=-539(F) 8=-539(F)

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549



MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T03	COMMON	4	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:23 2006 Page 1

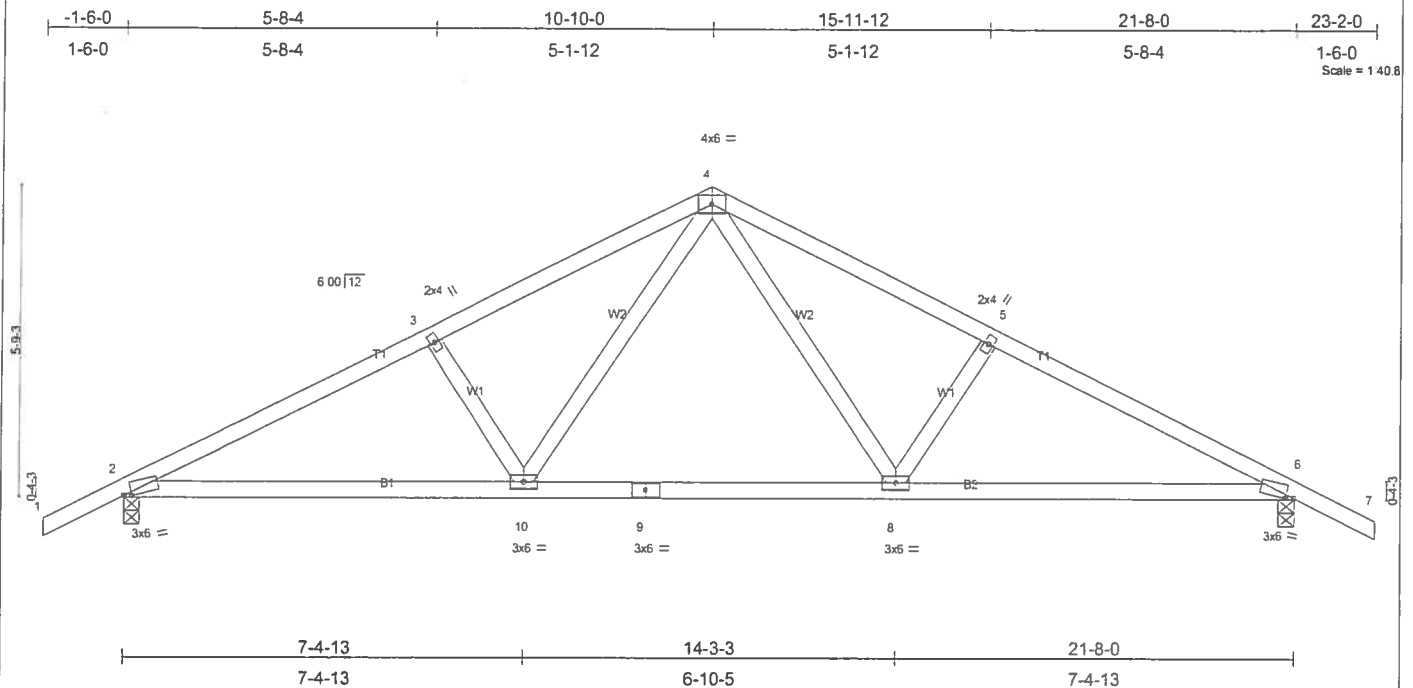


Plate Offsets (X,Y) [2:0-1-13.0-0-7], [6:0-1-13.0-0-7]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl l/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.37	Vert(LL) -0.20 8-10 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.83	Vert(TL) -0.32 8-10 >793 180		
BCLL 10.0	Rep Stress Incr NO	WB 0.27	Horz(TL) 0.05 6 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 101 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 4-4-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-2-10 oc bracing.

REACTIONS (lb/size) 2=1158/0-3-8, 6=1158/0-3-8
Max Horz 2=124(load case 5)
Max Uplift2=-575(load case 5), 6=-575(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1920/1033, 3-4=-1762/1025, 4-5=-1762/1025, 5-6=-1920/1033, 6-7=0/35
BOT CHORD 2-10=-748/1647, 9-10=-391/1131, 8-9=-391/1131, 6-8=-748/1647
WEBS 3-10=-255/297, 4-10=-372/747, 4-8=-372/747, 5-8=-255/297

JOINT STRESS INDEX
2 = 0.81, 3 = 0.34, 4 = 0.68, 5 = 0.34, 6 = 0.81, 8 = 0.57, 9 = 0.73 and 10 = 0.57

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 575 lb uplift at joint 2 and 575 lb uplift at joint 6.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=50), 6-8=-30

**MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B. LUTZ, FL 33549**

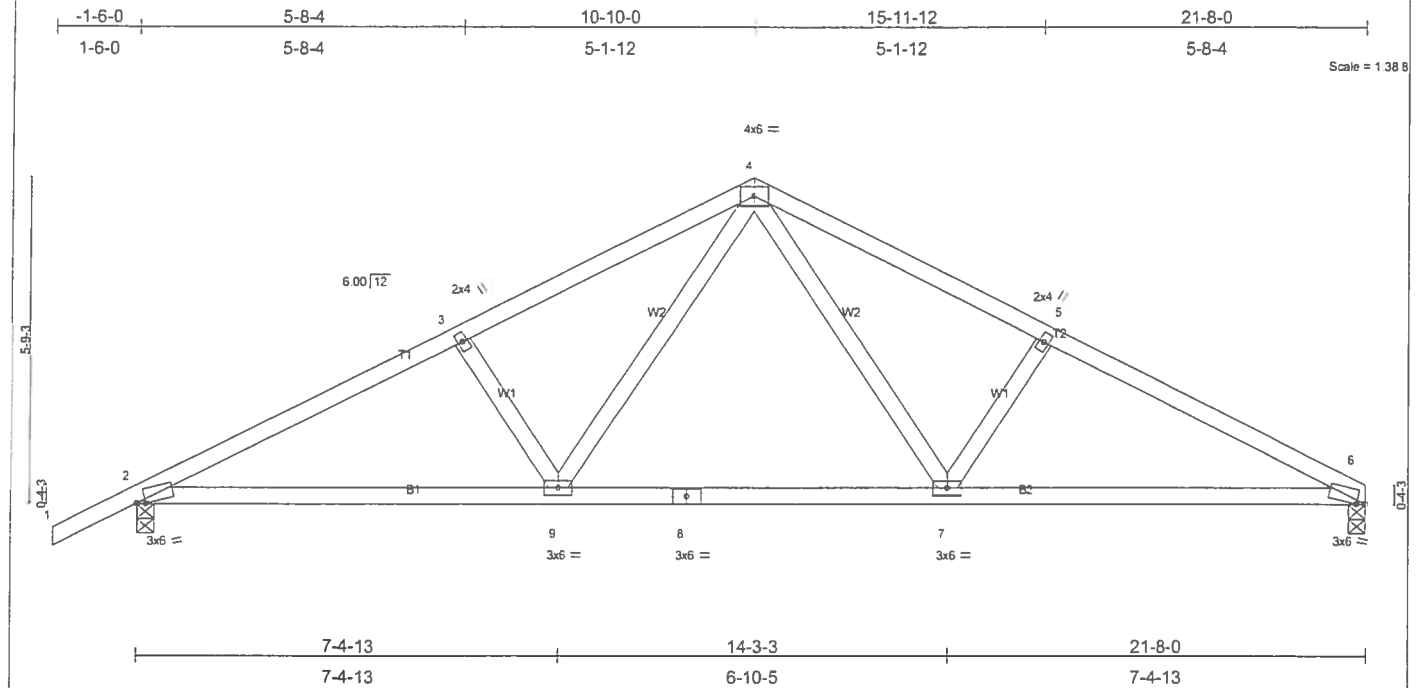


Plate Offsets (X,Y): [2:0-1-13.0-0-7], [6:0-1-13.0-0-7]											
LOADING (psf)		SPACING 2-0-0		CSI		DEFL				PLATES GRIP	
TCLL	20.0	Plates Increase	1.25	TC	0.37	in	(loc)	l/defl	L/d	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.85	Vert(LL)	-0.20	7-9	>999		
BCLL	10.0	Rep Stress Incr	NO	WB	0.30	Vert(TL)	-0.32	7-9	>801		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	0.05	6	n/a		
									Weight: 99 lb		

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 4-3-13 oc purlins
BOT CHORD	Rigid ceiling directly applied or 6-7-0 oc bracing

REACTIONS (lb/size) 6=1066/0-3-8, 2=1162/0-3-8
Max Horz 2=146(load case 5)
Max Uplift6=-457(load case 6), 2=-577(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1927/1046, 3-4=-1769/1038, 4-5=-1782/1064, 5-6=-1927/1074
BOT CHORD 2-9=-829/1654, 4-9=-473/1137, 7-8=-473/1137, 6-7=-860/1670
WEBS 3-9=-255/298, 4-9=-368/747, 4-7=-409/766, 5-7=-265/316

JOINT STRESS INDEX
2 = 0.81, 3 = 0.34, 4 = 0.66, 5 = 0.34, 6 = 0.81, 7 = 0.58, 8 = 0.73 and 9 = 0.58

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 457 lb uplift at joint 6 and 577 lb uplift at joint 2.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

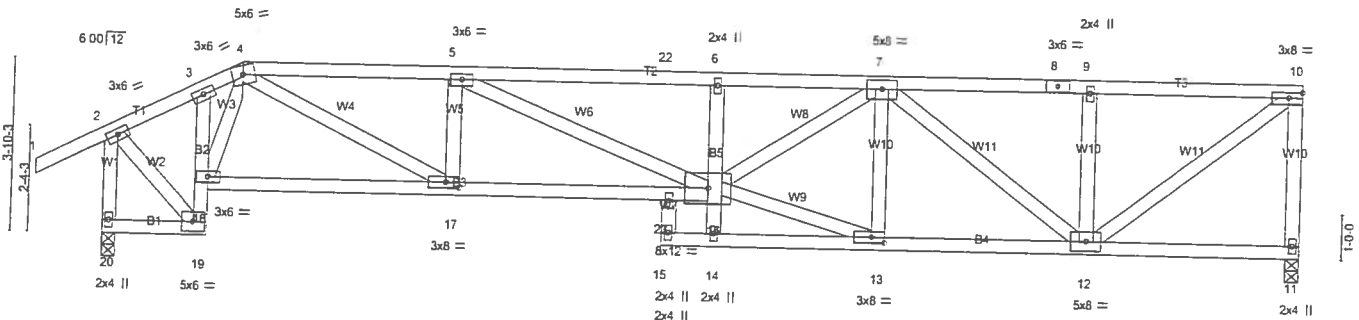
- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=54, 4-6=54, 2-9=30, 7-9=80(F=50), 6-7=30

**MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L162015	Truss T05	Truss Type SPECIAL	Qty 1	Ply 2	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:25 2006 Page 1

-1-6-0	2-3-8	2-11-15	7-8-0	12-4-0	17-1-1	21-8-7	26-5-8
1-6-0	2-3-8	0-8-7	4-8-0	4-8-0	4-9-1	4-7-5	4-9-1

Scale = 1:48



2-3-8	7-8-0	12-4-0	13-4-0	17-1-1	21-8-7	26-5-8
2-3-8	5-4-8	4-8-0	1-0-0	3-9-1	4-7-5	4-9-1

Plate Offsets (X,Y): [13:0-3-8,0-1-8], [17:0-3-8,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.43	Vert(LL)	-0.25 16-17	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.95	Vert(TL)	-0.41 16-17	>769	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.65	Horz(TL)	0.19 11	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 330 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 "Except"
 B5 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-2-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 11=2426/0-3-8, 20=2523/0-3-8
 Max Horz 20=402(load case 4)
 Max Uplift 11=1328(load case 3), 20=1157(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-1814/932, 3-4=-2356/1346, 4-5=-5307/2792, 5-22=-6419/3360, 6-22=-6419/3360, 6-7=-6257/3282, 7-8=-2684/1459,
 8-9=-2684/1459, 9-10=-2684/1459, 10-11=-2269/1339, 2-20=-2722/1336
 BOT CHORD 19-20=-349/18, 18-19=-1097/490, 3-18=-56/78, 17-18=-1344/2375, 17-23=-2792/5306, 16-23=-2792/5306, 14-16=0/222, 6-16=-402/402,
 14-15=0/0, 13-14=-190/266, 12-13=-2235/4172, 11-12=-46/82
 WEBS 4-17=-1664/3339, 5-17=-756/503, 5-16=-646/1216, 13-16=-2121/4053, 7-16=-1284/2555, 7-13=-850/641, 7-12=-1878/980, 9-12=-557/574,
 10-12=-1783/3286, 2-19=-1010/2140, 4-18=-797/416

JOINT STRESS INDEX

2 = 0.84, 3 = 0.90, 4 = 0.59, 5 = 0.35, 6 = 0.70, 7 = 0.59, 8 = 0.29, 9 = 0.34, 10 = 0.66, 11 = 0.74, 12 = 0.77, 13 = 0.80, 14 = 0.76, 15 = 0.34, 16 = 0.57, 17 = 0.69, 18 = 0.66, 19 = 0.75, 20 = 0.51 and
 21 = 0.34

NOTES

- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, 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.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1328 lb uplift at joint 11 and 1157 lb uplift at joint 20.
- Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 12-4-0
- Girder carries hip end with 0-0-0 right side setback, 12-4-0 left side setback, and 7-0-0 end setback.

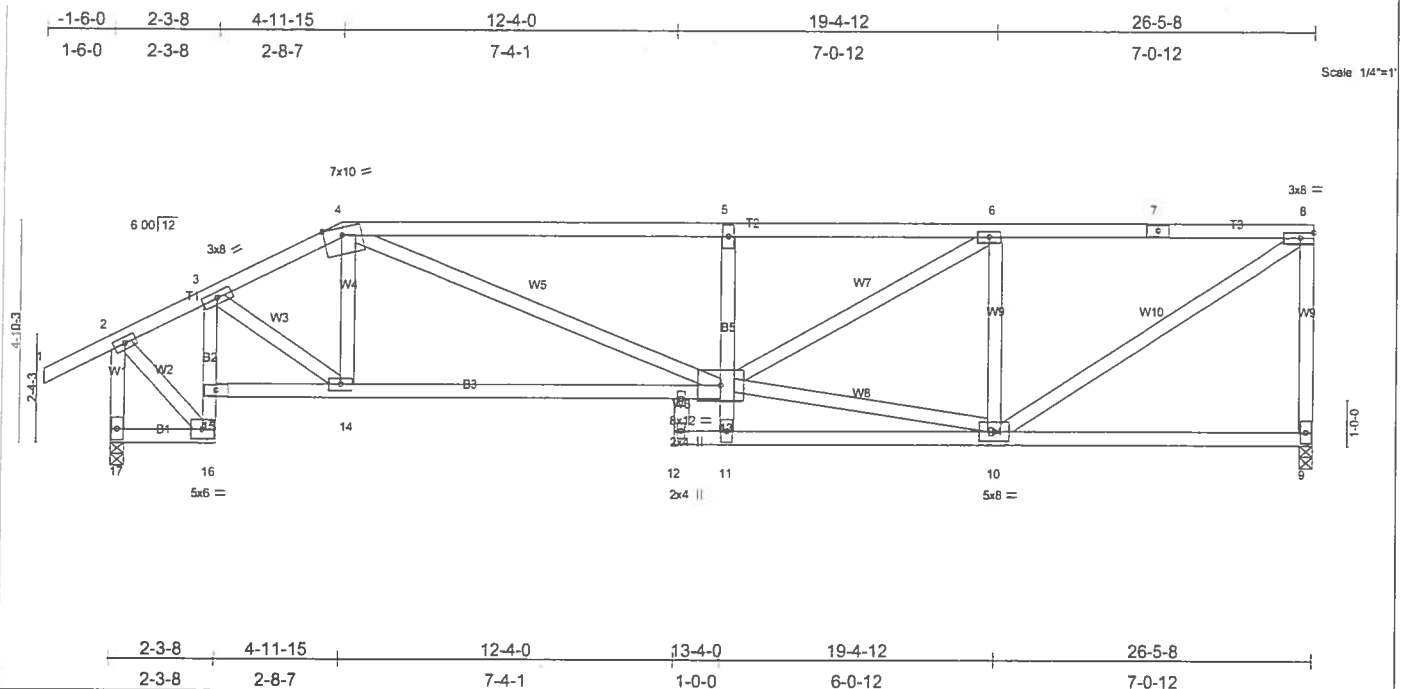
LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)

Vert: 1-2=-54, 2-4=-54, 4-22=-54, 10-22=-118(F=-64), 19-20=-129(F=-99), 18-23=-129(F=-99), 16-23=-65(F=-35), 14-15=-65(F=-35),
 11-14=-65(F=-35)

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T06	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		
6,200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:26 2006 Page 1					



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.95	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.82	Vert(LL) -0.20 13-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.91	Vert(TL) -0.33 13-14 >954 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.12 9 n/a n/a		
	Code FBC2004/TP12002			Weight: 167 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-8-4 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 5-9-9 oc bracing.
B5 2 X 4 SYP No.3	
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 9=1113/0-3-8, 17=1208/0-3-8
 Max Horz 17=256(load case 5)
 Max Uplift 9=530(load case 4), 17=474(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/40, 2-3=823/501, 3-4=-1511/836, 4-5=-2194/1141, 5-6=-2114/1096, 6-7=-1311/673, 7-8=-1311/673, 8-9=-1005/580, 2-17=-1303/811
 BOT CHORD 16-17=-239/3, 15-16=-542/176, 3-15=-618/218, 14-15=-648/827, 13-14=-821/1362, 11-13=0/124, 5-13=-386/344, 11-12=0/0, 10-11=-136/115, 9-10=-32/62
 WEBS 3-14=-323/659, 4-14=-80/200, 4-13=-443/902, 10-13=-544/1214, 6-13=-494/936, 6-10=-838/571, 8-10=-767/1496, 2-16=-393/959

JOINT STRESS INDEX
 2 = 0.75, 3 = 0.63, 4 = 0.83, 5 = 0.44, 6 = 0.54, 7 = 0.54, 8 = 0.75, 9 = 0.38, 10 = 0.69, 11 = 0.32, 12 = 0.34, 13 = 0.44, 14 = 0.39, 15 = 0.73, 16 = 0.70, 17 = 0.39 and 18 = 0.34

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Provide adequate drainage to prevent water ponding.
- 3) All plates are 3x6 MT20 unless otherwise indicated.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 530 lb uplift at joint 9 and 474 lb uplift at joint 17.

LOAD CASE(S) Standard

Job L162015	Truss T07	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:26 2006 Page 1		

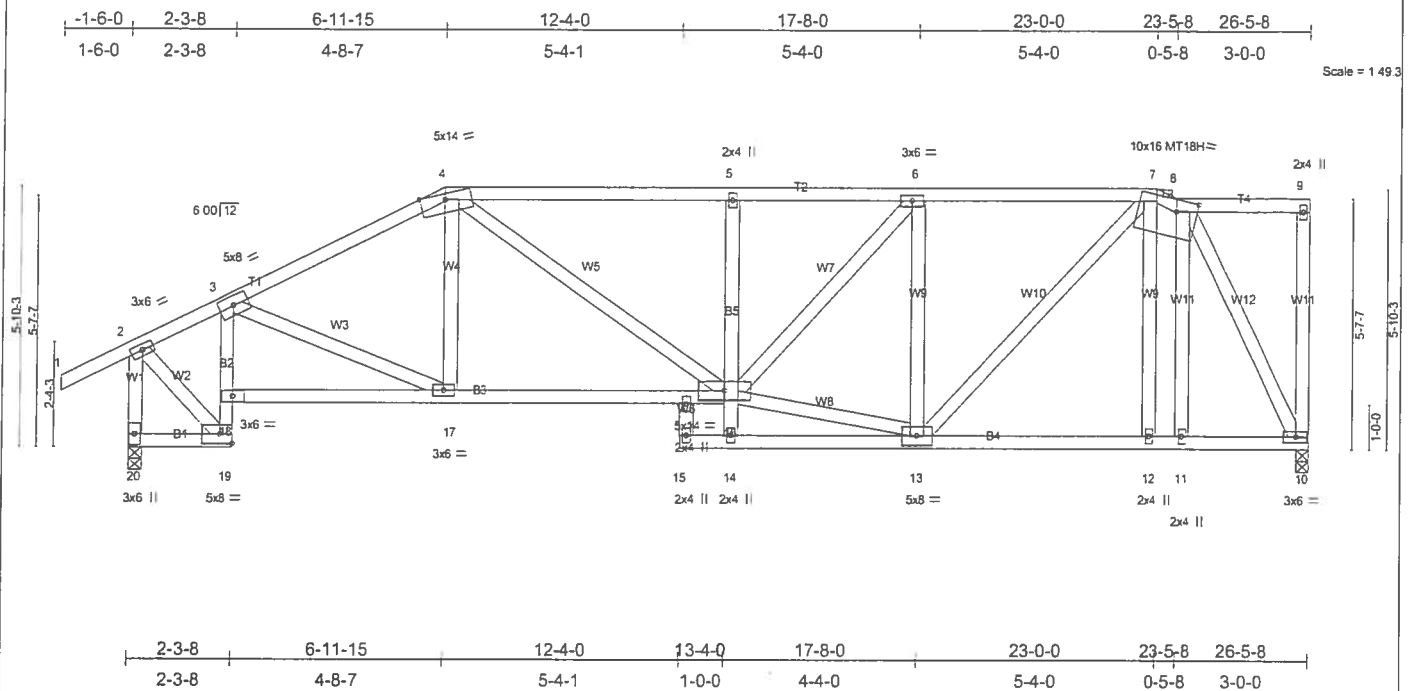


Plate Offsets (X,Y) [7:0-5-8,0-3-3]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.39	Vert(LL) -0.12 16-17	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.81	Vert(TL) -0.19 16-17	>999	180	MT18H	244/190
BCCL 10.0	Rep Stress Incr YES	WB 0.78	Horz(TL) 0.12 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)					
						Weight: 193 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 B5 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-7-13 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-10-6 oc bracing.

REACTIONS (lb/size) 10=1113/0-3-8, 20=1208/0-3-8
 Max Horz 20=302(load case 5)
 Max Uplift 10=-511(load case 4), 20=-491(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/40, 2-3=-834/512, 3-4=-1505/823, 4-5=-1667/910, 5-6=-1634/893, 6-7=-1203/652, 7-8=-858/438, 8-9=-1/1, 9-10=-2/24, 2-20=-1318/826
 BOT CHORD 19-20=-275/9, 18-19=-553/189, 3-18=-518/226, 17-18=-786/938, 16-17=-794/1304, 14-16=0/94, 5-16=-285/253, 14-15=0/0, 13-14=-88/63, 12-13=-306/586, 11-12=-310/587, 10-11=-313/593
 WEBS 3-17=-206/441, 4-17=-14/102, 4-16=-253/518, 13-16=-566/1171, 6-16=-356/637, 6-13=-757/504, 7-13=-479/889, 7-12=-45/130, 8-11=-112/209, 8-10=-1257/664, 2-19=-442/995

JOINT STRESS INDEX
 2 = 0.78, 3 = 0.65, 4 = 0.80, 5 = 0.83, 6 = 0.42, 7 = 0.42, 8 = 0.00, 9 = 0.34, 10 = 0.54, 11 = 0.34, 12 = 0.34, 13 = 0.56, 14 = 0.46, 15 = 0.34, 16 = 0.54, 17 = 0.35, 18 = 0.48, 19 = 0.62, 20 = 0.41 and 21 = 0.34

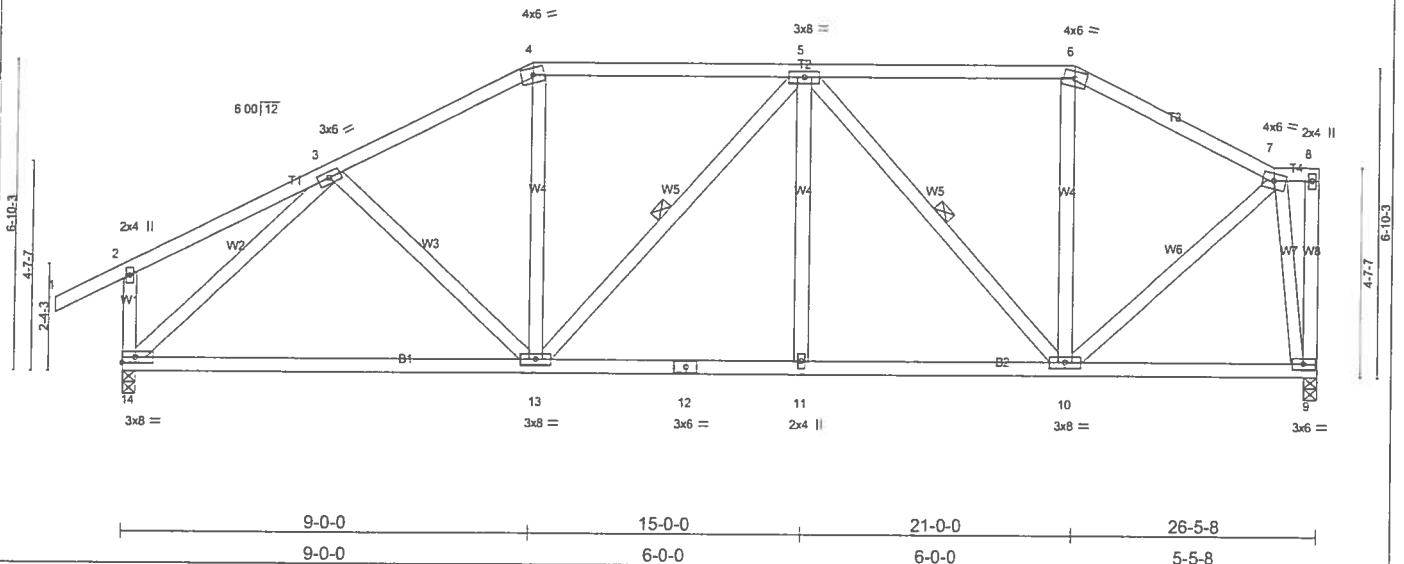
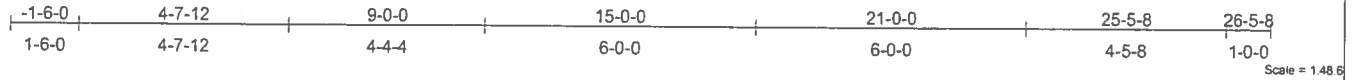
NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=4.2psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 511 lb uplift at joint 10 and 491 lb uplift at joint 20.

LOAD CASE(S) Standard

Job L162015	Truss T08	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:28 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.70	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.49	Vert(LL) -0.13 13-14 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.73	Vert(TL) -0.22 13-14 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 9 n/a n/a		
	Code FBC2004/TP12002				
				Weight: 178 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-7-14 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 8-0-4 oc bracing.
 WEBS 1 Row at midpt 5-13, 5-10

REACTIONS (lb/size) 9=1096/0-3-8, 14=1191/0-3-8
 Max Horz 14=280(load case 5)
 Max Uplift 9=397(load case 6), 14=521(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/40, 2-3=194/198, 3-4=1188/702, 4-5=1026/692, 5-6=754/517, 6-7=884/506, 7-8=21/2, 8-9=85/47, 2-14=285/352
 BOT CHORD 13-14=622/901, 12-13=585/1106, 11-12=585/1106, 10-11=585/1106, 9-10=131/217
 WEBS 3-13=87/247, 4-13=45/225, 5-13=208/157, 5-11=0/153, 5-10=567/304, 6-10=0/125, 7-10=346/735, 7-9=1011/666, 3-14=1096/544

JOINT STRESS INDEX
 2 = 0.68, 3 = 0.39, 4 = 0.70, 5 = 0.57, 6 = 0.70, 7 = 0.65, 8 = 0.41, 9 = 0.36, 10 = 0.72, 11 = 0.34, 12 = 0.41, 13 = 0.57 and 14 = 0.63

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 397 lb uplift at joint 9 and 521 lb uplift at joint 14.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T09	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mittek Industries, Inc. Tue May 02 09:06:29 2006 Page 1		

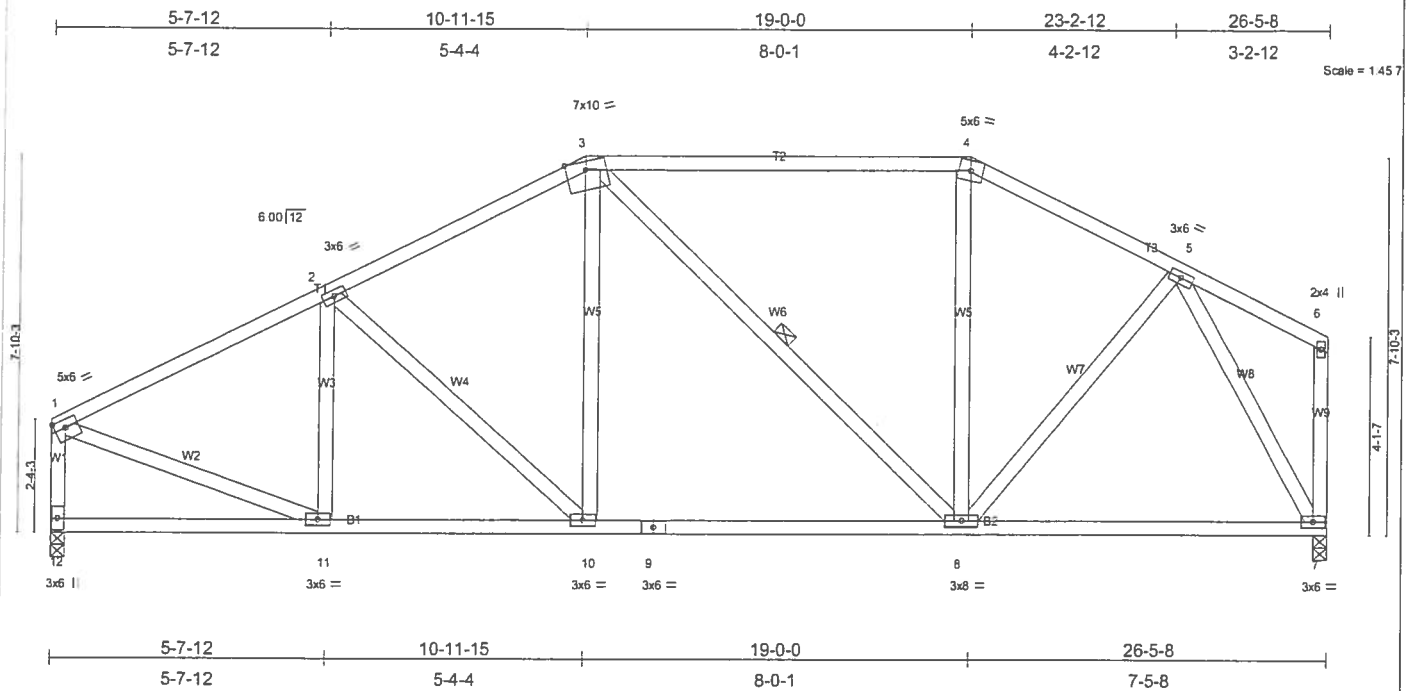


Plate Offsets (X,Y): [1:0-2,12,0-2,0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.54	Ver(LL)	-0.09	8-10	>999	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.39	Ver(TL)	-0.14	8-10	>999		
BCLL 10.0	Lumber Increase 1.25	WB 0.66	Horz(TL)	0.03	7	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)						
	Code FBC2004/TPI2002							
							Weight: 172 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 5-4-2 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 8-1-2 oc bracing
 WEBS 1 Row at midpt 3-8

REACTIONS (lb/size) 12=1099/0-3-8, 7=1099/0-3-8
 Max Horz 12=217(load case 5)
 Max Uplift 12=-428(load case 5), 7=-413(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1202/666, 2-3=-1137/711, 3-4=-825/611, 4-5=-941/603, 5-6=-89/57, 1-12=-1010/583, 6-7=-118/94
 BOT CHORD 11-12=-245/104, 10-11=-612/1013, 9-10=-492/974, 8-9=-492/974, 7-8=-296/528
 WEBS 2-11=-202/188, 2-10=-81/184, 3-10=-84/252, 3-8=-270/162, 4-8=-25/142, 5-8=-185/485, 1-11=-414/974, 5-7=-1004/600

JOINT STRESS INDEX

1 = 0.79, 2 = 0.41, 3 = 0.77, 4 = 0.73, 5 = 0.38, 6 = 0.61, 7 = 0.49, 8 = 0.57, 9 = 0.33, 10 = 0.36, 11 = 0.55 and 12 = 0.31

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide adequate drainage to prevent water ponding.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 428 lb uplift at joint 12 and 413 lb uplift at joint 7.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T10	SPECIAL	1	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6,200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:29 2016 Page 1		

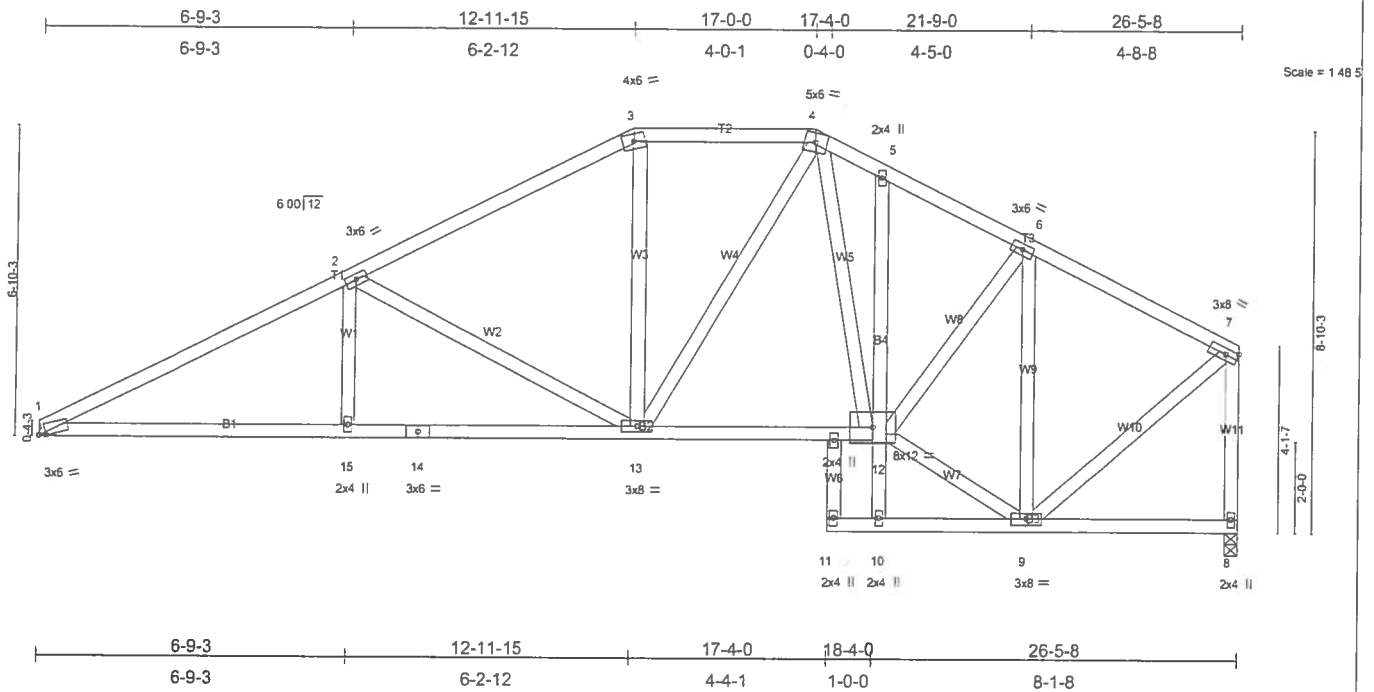


Plate Offsets (X,Y) [1:0-1-12,0-0-7]									
LOADING (psf)	SPACING 2-0-0	CSI	DEFL	In	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.49	Vert(LL)	0.12	1-15	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.56	Vert(TL)	-0.20	1-15	>999	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.60	Horz(TL)	0.08	8	n/a	n/a		
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
								Weight: 178 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
 B4 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 4-0-11 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=1114/Mechanical, 8=1126/0-3-8
Max Horz 1=181(load case 5)
Max Uplift 1=-457(load case 5), 8=-426(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2015/1055, 2-3=-1369/802, 3-4=-1157/795, 4-5=-1227/827, 5-6=-1260/764, 6-7=-849/475, 7-8=-1054/601
 BOT CHORD 1-15=-946/1732, 14-15=-946/1732, 13-14=-946/1732, 12-13=-444/1039, 10-12=0/80, 5-12=94/129, 10-11=0/0, 9-10=-15/0, 8-9=23/33
 WEBS 2-15=0/232, 2-13=-663/494, 3-13=-78/293, 4-13=-163/308, 6-12=-206/600, 7-9=431/890, 6-9=-895/526, 9-12=-394/834, 4-12=-167/230

JOINT STRESS INDEX
1 = 0.82, 2 = 0.41, 3 = 0.79, 4 = 0.33, 5 = 0.34, 6 = 0.50, 7 = 0.98, 8 = 0.64, 9 = 0.87, 10 = 0.34, 11 = 0.34, 12 = 0.44, 13 = 0.60, 14 = 0.58, 15 = 0.34 and 16 = 0.34

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Refer to girder(s) for truss to truss connections.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 457 lb uplift at joint 1 and 426 lb uplift at joint 8.

LOAD CASE(S) Standard

**MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**

Job L162015	Truss T11	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:30 2006 Page 1

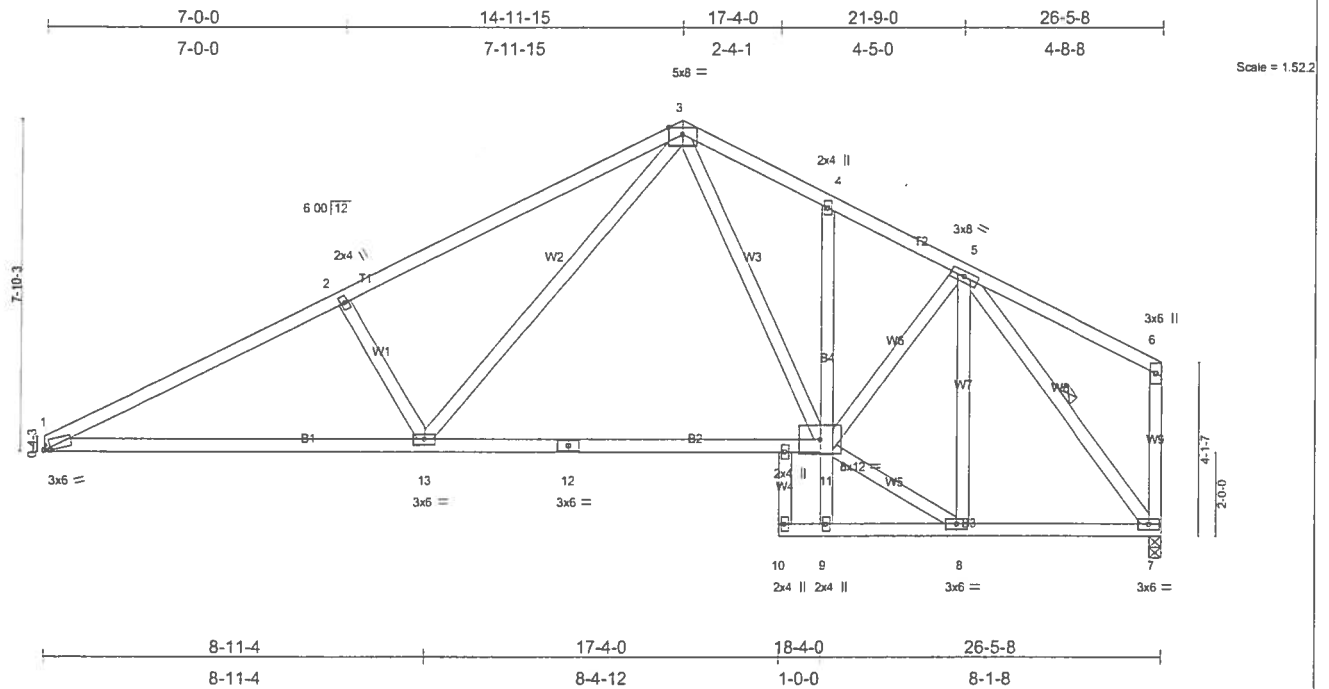


Plate Offsets (X,Y): [1:0-1-12,0-0-7]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.59	Vert(LL) -0.20	1-13	>999	240		MT20	244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.63	Vert(TL) -0.33	1-13	>947	180			
BCCL 10.0	Rep Stress Incr YES	WB 0.81	Horz(TL) 0.08	7	n/a	n/a			
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
									Weight: 168 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 B4 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 5-7

REACTIONS

(lb/size) 1=1114/Mechanical, 7=1126/0-3-8
 Max Horz 1=198(load case 5)
 Max Uplift 1=468(load case 5), 7=441(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1958/1081, 2-3=-1785/1086, 3-4=-1241/826, 4-5=-1280/774, 5-6=-92/108, 6-7=-138/156
 BOT CHORD 1-13=-973/1702, 12-13=-432/979, 11-12=-432/979, 9-11=0/73, 4-11=-160/124, 9-10=0/0, 8-9=-73/0, 7-8=-360/712
 WEBS 2-13=-400/480, 3-13=-481/846, 3-11=-166/442, 5-11=-205/623, 5-7=-1140/566, 5-8=-351/247, 8-11=-390/911

JOINT STRESS INDEX

1 = 0.80, 2 = 0.34, 3 = 0.62, 4 = 0.34, 5 = 0.75, 6 = 0.25, 7 = 0.42, 8 = 0.53, 9 = 0.34, 10 = 0.34, 11 = 0.64, 12 = 0.51, 13 = 0.59 and 14 = 0.34

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Refer to girder(s) for truss to truss connections.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 468 lb uplift at joint 1 and 441 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L162015	Truss T12	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 M/Tek Industries, Inc. Tue May 02 09:06:31 2006 Page 1		

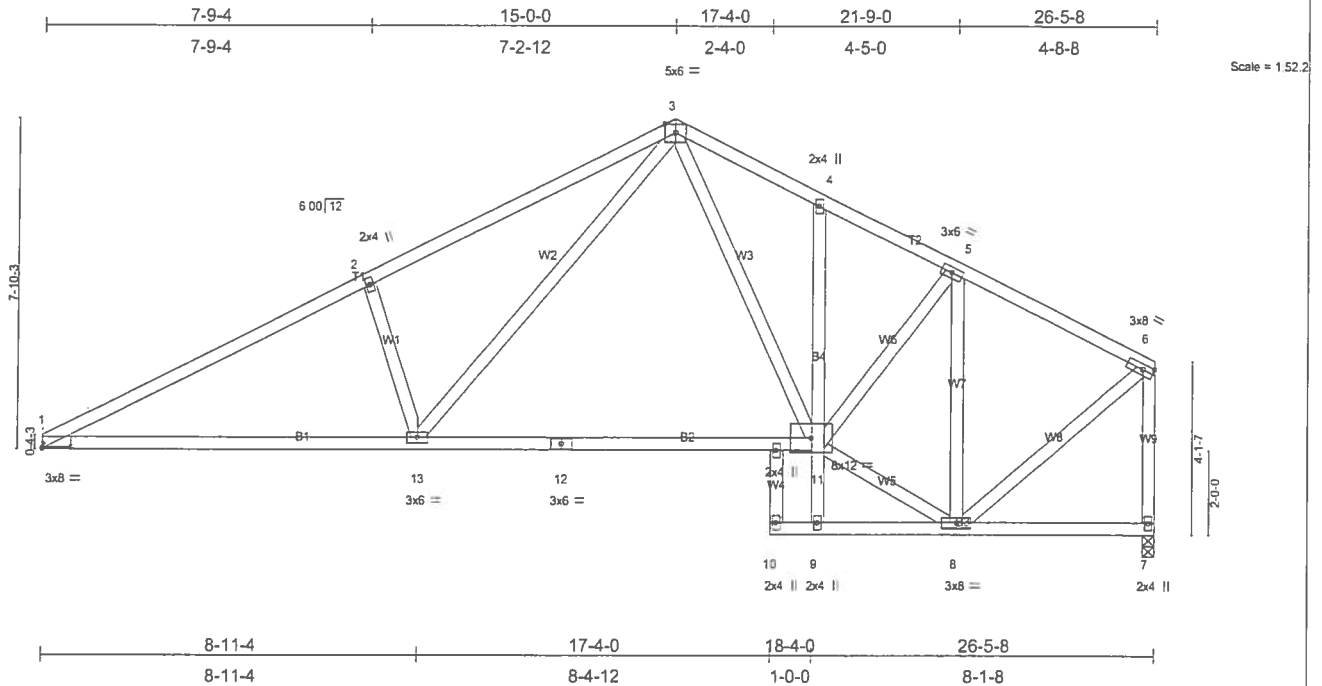


Plate Offsets (X,Y): [1:0-8-0,0-0-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.51	Vert(LL)	-0.23	1-13	>999	240	MT20
TCDL 7.0	Lumber Increase	1.25	BC 0.79	Vert(TL)	-0.38	1-13	>838	180	244/190
BCLL 10.0	Rep Stress Incr	YES	WB 0.94	Horz(TL)	0.07	7	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 166 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 B4 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-10-14 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=1114/Mechanical, 7=1126/0-3-8
 Max Horz 1=198(load case 5)
 Max Uplift 1=-468(load case 5), 7=-441(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-1918/1038, 2-3=-1816/1146, 3-4=-1263/842, 4-5=-1278/774, 5-6=-850/484, 6-7=-1055/610
 BOT CHORD 1-13=-917/1657, 12-13=-422/971, 11-12=-422/971, 9-11=0/72, 4-11=-166/145, 9-10=0/0, 8-9=-67/0, 7-8=-23/32
 WEBS 2-13=-407/489, 3-13=-559/911, 3-11=-184/447, 5-11=-207/622, 5-8=-924/529, 6-8=-441/893, 8-11=-383/904

JOINT STRESS INDEX
 1 = 0.66, 2 = 0.34, 3 = 0.64, 4 = 0.34, 5 = 0.51, 6 = 0.98, 7 = 0.63, 8 = 0.87, 9 = 0.34, 10 = 0.34, 11 = 0.64, 12 = 0.49, 13 = 0.63 and 14 = 0.34

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Refer to girder(s) for truss to truss connections.
 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 468 lb uplift at joint 1 and 441 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L162015	Truss T13	Truss Type COMMON	Qty 2	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional)		

6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:31 2006 Page 1

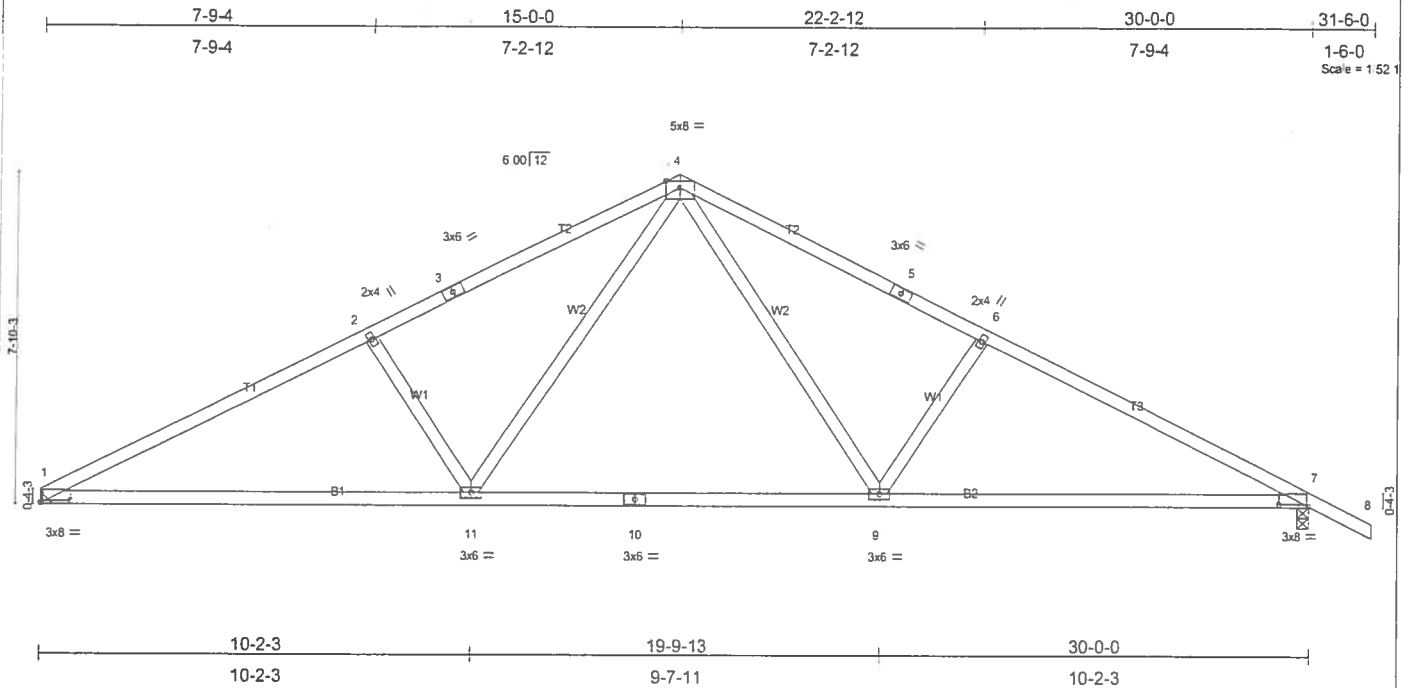


Plate Offsets (X,Y) [1:0-8-8,0-0-10], [7:0-8-8,0-0-10]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.70	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.69	Vert(LL) -0.35 1-11 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.59	Vert(TL) -0.58 1-11 >611 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 7 n/a n/a		
	Code FBC2004/TP12002			Weight: 136 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 2-11-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-2-15 oc bracing.

REACTIONS (lb/size) 1=1245/Mechanical, 7=1339/0-3-8
 Max Horz 1=-180(load case 6)
 Max Uplift 1=-522(load case 5), 7=-640(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2152/1210, 2-3=-1946/1166, 3-4=-1852/1191, 4-5=-1842/1172, 5-6=-1936/1147, 6-7=-2142/1189, 7-8=0/35
 BOT CHORD 1-11=-885/1865, 10-11=-412/1242, 9-10=-412/1242, 7-9=-862/1853
 WEBS 2-11=-408/463, 4-11=-414/791, 4-9=-385/777, 6-9=-401/450

JOINT STRESS INDEX
 1 = 0.71, 2 = 0.34, 3 = 0.47, 4 = 0.61, 5 = 0.47, 6 = 0.34, 7 = 0.71, 9 = 0.60, 10 = 0.54 and 11 = 0.60

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 522 lb uplift at joint 1 and 640 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L162015	Truss T13A	Truss Type COMMON	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:32 2006 Page 1		

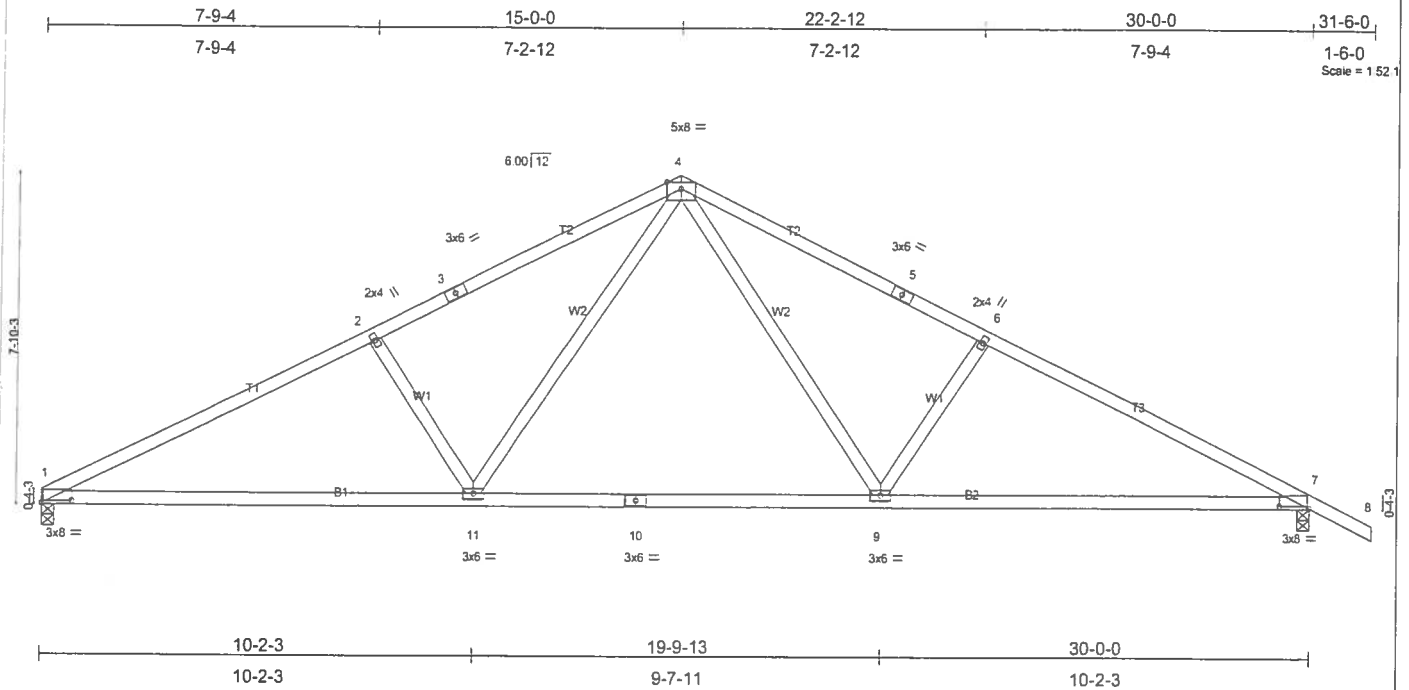


Plate Offsets (X,Y) [1:0-8-8,0-0-10], [7:0-8-8,0-0-10]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.70	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.69	Vert(LL) -0.35 1-11 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.59	Vert(TL) -0.58 1-11 >611 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 7 n/a n/a		
	Code FBC2004/TPI2002			Weight: 136 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-2-15 oc bracing.

REACTIONS (lb/size) 1=1245/0-3-8, 7=1339/0-3-8
Max Horz 1=-180(load case 6)
Max Uplift 1=-522(load case 5), 7=-640(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension.
TOP CHORD 1-2=-2152/1210, 2-3=-1946/1166, 3-4=-1852/1191, 4-5=-1842/1172, 5-6=-1936/1147, 6-7=-2142/1189, 7-8=0/35
BOT CHORD 1-11=-885/1865, 10-11=-412/1242, 9-10=-412/1242, 7-9=-862/1853
WEBS 2-11=-408/463, 4-11=-414/791, 4-9=-385/777, 6-9=-401/450

JOINT STRESS INDEX
1 = 0.71, 2 = 0.34, 3 = 0.47, 4 = 0.61, 5 = 0.47, 6 = 0.34, 7 = 0.71, 9 = 0.60, 10 = 0.54 and 11 = 0.60

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Bearings are assumed to be:
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 522 lb uplift at joint 1 and 640 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L162015	Truss T14	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional) 6.200 s Jul 13 2005 M-Tek Industries, Inc. Tue May 02 09:06:33 2006 Page 1		

-1-6-0	2-11-15	8-2-13	13-4-0	18-5-2	23-8-0	26-10-12	30-8-0	32-2-0
1-6-0	2-11-15	5-2-14	5-1-2	5-1-2	5-2-14	3-2-12	3-9-4	1-6-0
Scale = 1/56.4								

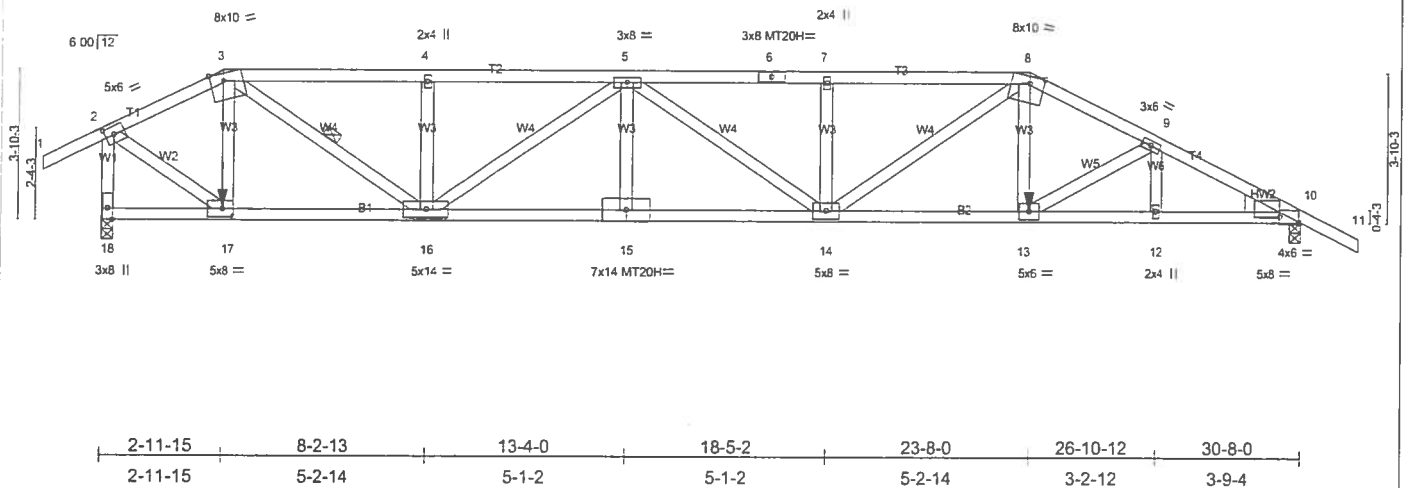


Plate Offsets (X,Y): [2:0-2-11:0-2-8], [3:0-4-3:Edge], [8:0-4-3:Edge], [10:0-0-8:Edge], [10:0-6-8:0-1-12], [17:0-3-8:0-2-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.82	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.98	Vert(LL) -0.45 14-15 >812 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr NO	WB 0.91	Vert(TL) -0.72 14-15 >506 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.19 10 n/a n/a		
Weight: 175 lb					

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-11-7 oc purlins, except end verticals
BOT CHORD 2 X 4 SYP No.1D	BOT CHORD Rigid ceiling directly applied or 3-7-11 oc bracing
WEBS 2 X 4 SYP No.3 *Except*	WEBS 1 Row at midpt 3-16
WEDGE	
Right: 2 X 6 SYP No.1D	

REACTIONS (lb/size) 18=3129/0-3-8, 10=2699/0-3-8
 Max Horz 18=-130(load case 2)
 Max Uplift 18=-1648(load case 3), 10=-1438(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/40, 2-3=-2656/1485, 3-4=-4973/2820, 4-5=-4973/2821, 5-6=-6085/3438, 6-7=-6085/3438, 7-8=-6086/3438, 8-9=-5091/2808, 9-10=-5184/2726, 10-11=0/35, 2-18=-2953/1573
 BOT CHORD 17-18=-221/32, 16-17=-1254/2316, 15-16=-3388/6188, 14-15=-3388/6189, 13-14=-2433/4581, 12-13=-2342/4527, 10-12=-2342/4527
 WEBS 3-17=-1033/736, 3-16=-1837/3217, 4-16=-623/629, 5-16=-1488/842, 5-15=0/333, 5-14=-175/118, 7-14=-616/625, 8-14=-1096/1875, 8-13=-328/795, 9-13=-190/160, 9-12=0/52, 2-17=-1579/2851

JOINT STRESS INDEX
 2 = 0.94, 3 = 0.81, 4 = 0.36, 5 = 0.72, 6 = 0.78, 7 = 0.36, 8 = 0.97, 9 = 0.41, 10 = 0.82, 10 = 0.81, 12 = 0.34, 13 = 0.28, 14 = 0.87, 15 = 0.80, 16 = 0.90, 17 = 0.70 and 18 = 0.60

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1648 lb uplift at joint 18 and 1438 lb uplift at joint 10.
- Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 2-11-15
- Girder carries hip end with 7-0-0 right side setback, 2-11-15 left side setback, and 7-0-0 end setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 348 lb up at 23-8-0, and 231 lb down and 149 lb up at 2-11-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

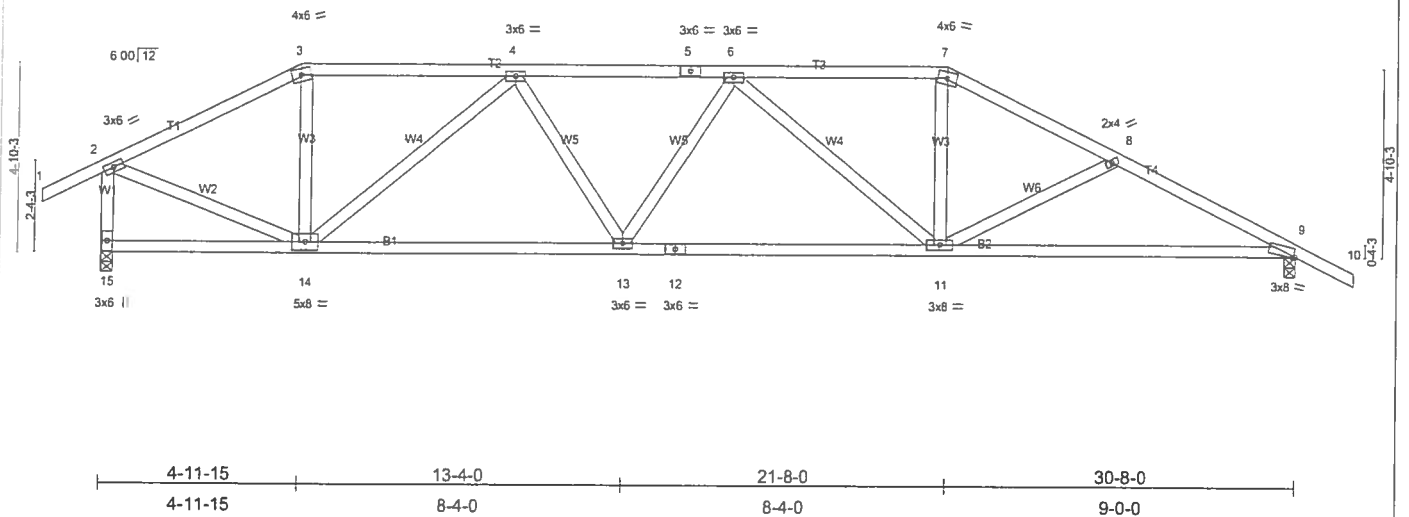
LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
- Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 3-8=-118(F=-64), 8-11=-54, 17-18=-129(F=-99), 13-17=-65(F=-35), 10-13=-30
- Concentrated Loads (lb)
 Vert: 17=-231(F) 13=-539(F)

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T15	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional)		

6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:34 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.62	Vert(LL) -0.20 9-11 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.85	Vert(TL) -0.33 9-11 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 9 n/a n/a		
	Code FBC2004/TP12002				Weight: 165 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-10-2 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-6-14 oc bracing.

REACTIONS (lb/size) 15=1365/0-3-8, 9=1365/0-3-8
 Max Horz 15=-147(load case 3)
 Max Uplift 15=543(load case 5), 9=598(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/40, 2-3=1394/758, 3-4=-1205/743, 4-5=-2092/1162, 5-6=-2092/1162, 6-7=-1825/1041, 7-8=-2069/1065, 8-9=-2307/1226, 9-10=0/35, 2-15=-1307/811
 BOT CHORD 14-15=-42/140, 13-14=-782/1912, 12-13=-882/2122, 11-12=-882/2122, 9-11=930/2015
 WEBS 3-14=-82/369, 4-14=-959/500, 4-13=-68/359, 6-13=-72/125, 6-11=-479/326, 7-11=-225/631, 8-11=-238/271, 2-14=-508/1261

JOINT STRESS INDEX
 2 = 0.72, 3 = 0.65, 4 = 0.43, 5 = 0.38, 6 = 0.43, 7 = 0.69, 8 = 0.34, 9 = 0.77, 11 = 0.57, 12 = 0.75, 13 = 0.43, 14 = 0.58 and 15 = 0.27

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 543 lb uplift at joint 15 and 598 lb uplift at joint 9.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T16	HIP	1	1	Job Reference (optional)

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:34 2006 Page 1

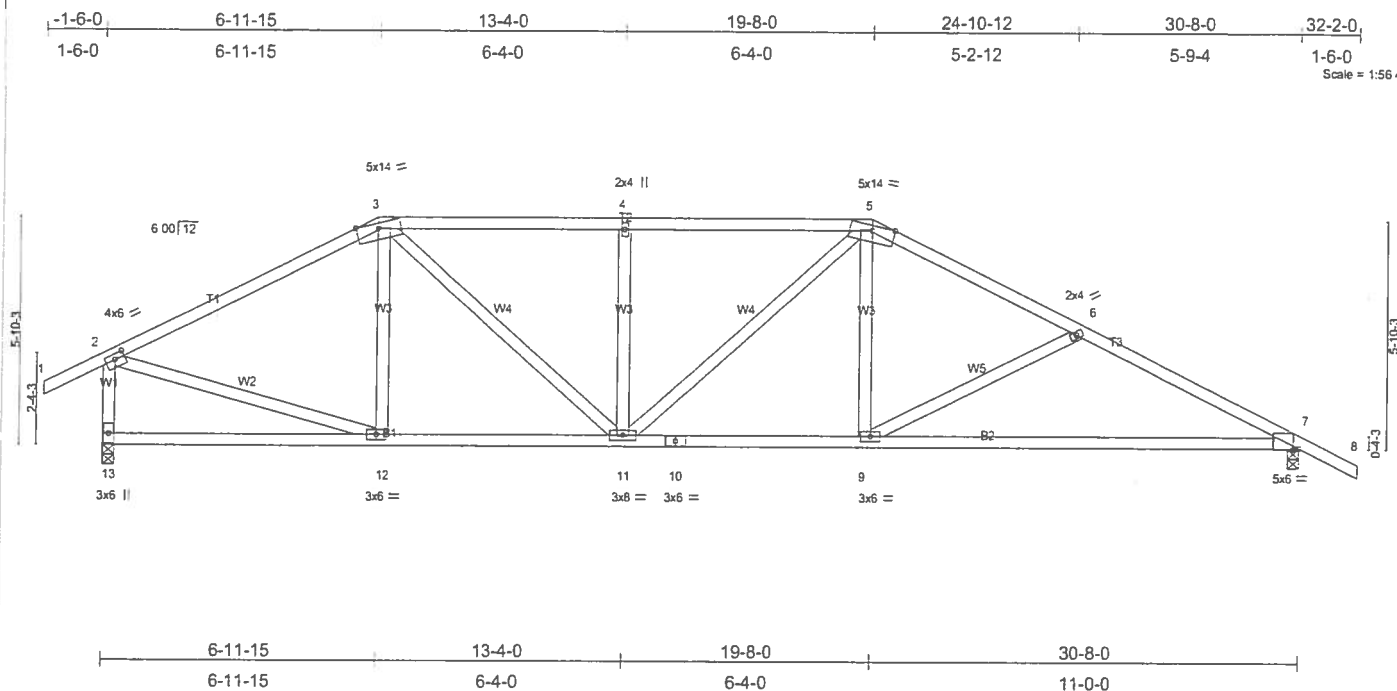


Plate Offsets (X,Y) [2.0-3.0-0.1-12], [7.0-1-11,Edge]											
LOADING (psf)		SPACING 2-0-0		CSI		DEFL in (loc) l/defl L/d				PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.38	7-9	>967	240	MT20 244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.64	7-9	>566	180	
BCLL	10.0	Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.07	7	n/a	n/a	
BCDL	5.0	Code FBC2004/TP12002		(Matrix)							
Weight: 169 lb											

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 3-6-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-6-12 oc bracing.

REACTIONS (lb/size) 13=1365/0-3-8, 7=1365/0-3-8
Max Horz 13=-165(load case 3)
Max Uplift 13=-567(load case 5), 7=-618(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=1504/827, 3-4=-1739/1060, 4-5=-1739/1060, 5-6=-1920/1038, 6-7=-2243/1232, 7-8=0/35, 2-13=-1259/828
BOT CHORD 12-13=-100/157, 11-12=-420/1266, 10-11=-601/1668, 9-10=-601/1668, 7-9=-924/1962
WEBS 3-12=-138/181, 3-11=-137/699, 4-11=-362/314, 5-11=-202/224, 5-9=-110/460, 6-9=-348/367, 2-12=-464/1200

JOINT STRESS INDEX
2 = 0.79, 3 = 0.94, 4 = 0.34, 5 = 0.70, 6 = 0.34, 7 = 0.72, 9 = 0.35, 10 = 0.56, 11 = 0.69, 12 = 0.67 and 13 = 0.42

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); $h=20ft$; $TCDL=4.2psf$; $BCDL=3.0psf$; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone, end vertical left exposed; Lumber $DOL=1.60$ plate grip $DOL=1.60$. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 567 lb uplift at joint 13 and 618 lb uplift at joint 7.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T17	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional)		

6,200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:35 2006 Page 1

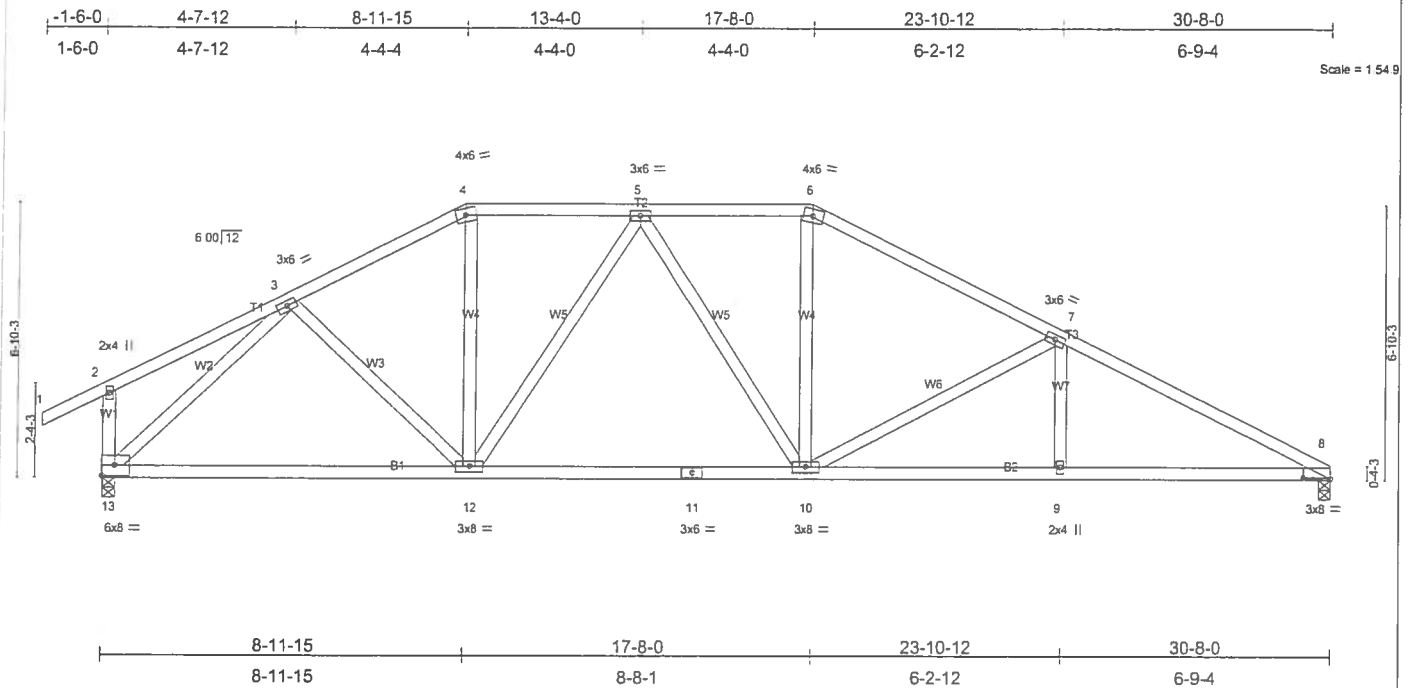


Plate Offsets (X, Y) (8-0-8-0, 0-0-6)

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.64	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.61	Vert(LL) -0.16 10-12 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.90	Vert(TL) -0.26 10-12 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 8 n/a n/a		
	Code FBC2004/TPI2002			Weight: 174 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-8-14 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-1 oc bracing.

REACTIONS (lb/size) 8=1273/0-3-8, 13=1367/0-3-8
 Max Horz 13=-164(load case 3)
 Max Uplift 8=-518(load case 6), 13=-590(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/40, 2-3=-185/200, 3-4=-1461/881, 4-5=-1270/852, 5-6=-1481/977, 6-7=-1727/1002, 7-8=-2346/1249, 2-13=-280/352
 BOT CHORD 12-13=-483/1084, 11-12=-570/1440, 10-11=-570/1440, 9-10=-1002/2021, 8-9=-1002/2021
 WEBS 3-12=-95/320, 4-12=-154/383, 5-12=-388/231, 5-10=-81/133, 6-10=-165/445, 7-10=-628/483, 7-9=0/218, 3-13=-1363/714

JOINT STRESS INDEX
 2 = 0.67, 3 = 0.40, 4 = 0.59, 5 = 0.43, 6 = 0.82, 7 = 0.41, 8 = 0.71, 9 = 0.34, 10 = 0.59, 11 = 0.65, 12 = 0.59 and 13 = 0.25

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 518 lb uplift at joint 8 and 590 lb uplift at joint 13.

LOAD CASE(S) Standard

Job L162015	Truss T18	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:36 2006 Page 1		

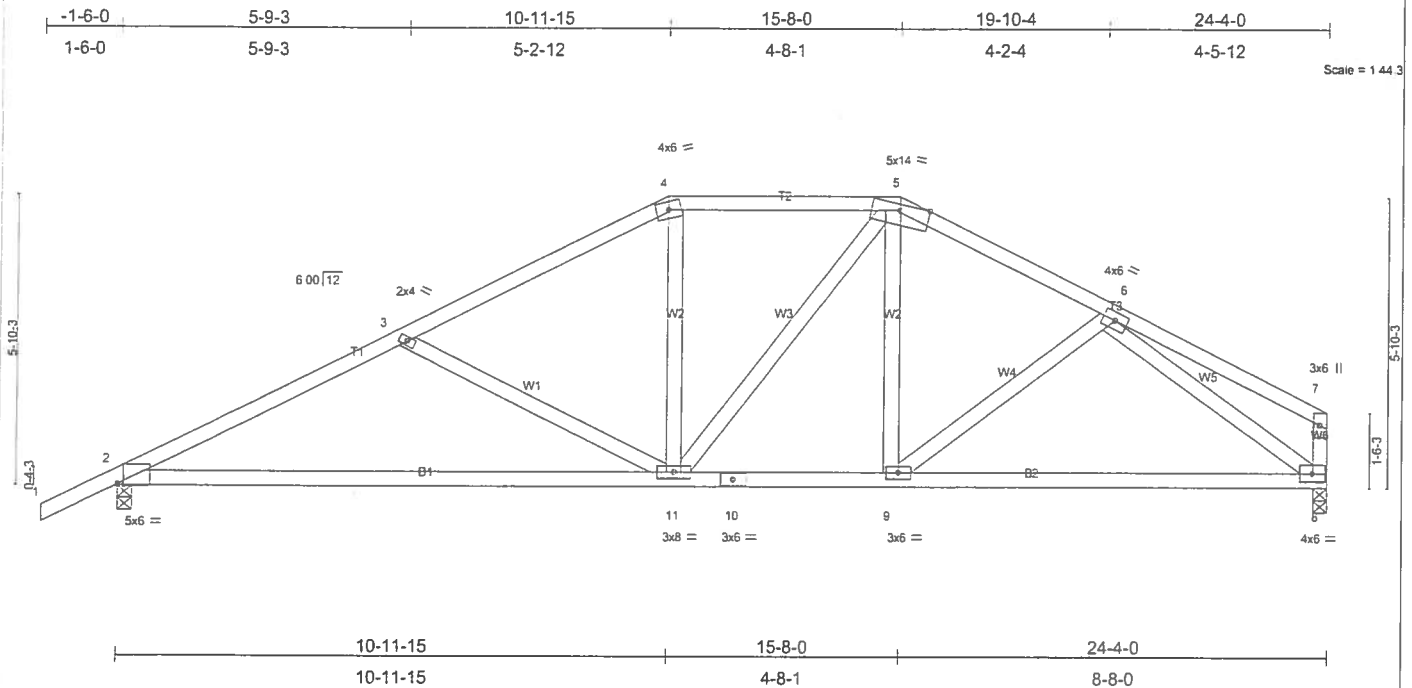


Plate Offsets (X,Y): [2:0-1-10,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates increase	1.25	TC 0.42	Vert(LL)	-0.35	2-11	>823	240	244/190
TCDL 7.0	Lumber increase	1.25	BC 0.65	Vert(TL)	-0.60	2-11	>479	180	
BCLL 10.0	Rep Stress Incr	YES	WB 0.51	Horz(TL)	0.05	8	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 130 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 *Except*
 W6 2 X 4 SYP No.2

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-2-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-11-6 oc bracing.

REACTIONS (lb/size) 2=1102/0-3-8, 8=1007/0-3-8
 Max Horz 2=196(load case 5)
 Max Uplift 2=532(load case 5), 8=393(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=1678/951, 3-4=1338/747, 4-5=1139/740, 5-6=1198/714, 6-7=343/128, 7-8=253/160
 BOT CHORD 2-11=822/1463, 10-11=438/1031, 9-10=438/1031, 8-9=550/1013
 WEBS 3-11=374/385, 4-11=71/310, 5-11=109/259, 5-9=63/154, 6-9=30/163, 6-8=971/648

JOINT STRESS INDEX
 2 = 0.67, 3 = 0.34, 4 = 0.70, 5 = 0.51, 6 = 0.30, 7 = 0.36, 8 = 0.70, 9 = 0.35, 10 = 0.67 and 11 = 0.57

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02, 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 532 lb uplift at joint 2 and 393 lb uplift at joint 8.

LOAD CASE(S) Standard

Job L162015	Truss T19	Truss Type COMMON	Qty 3	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055					Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:36 2006 Page 1					

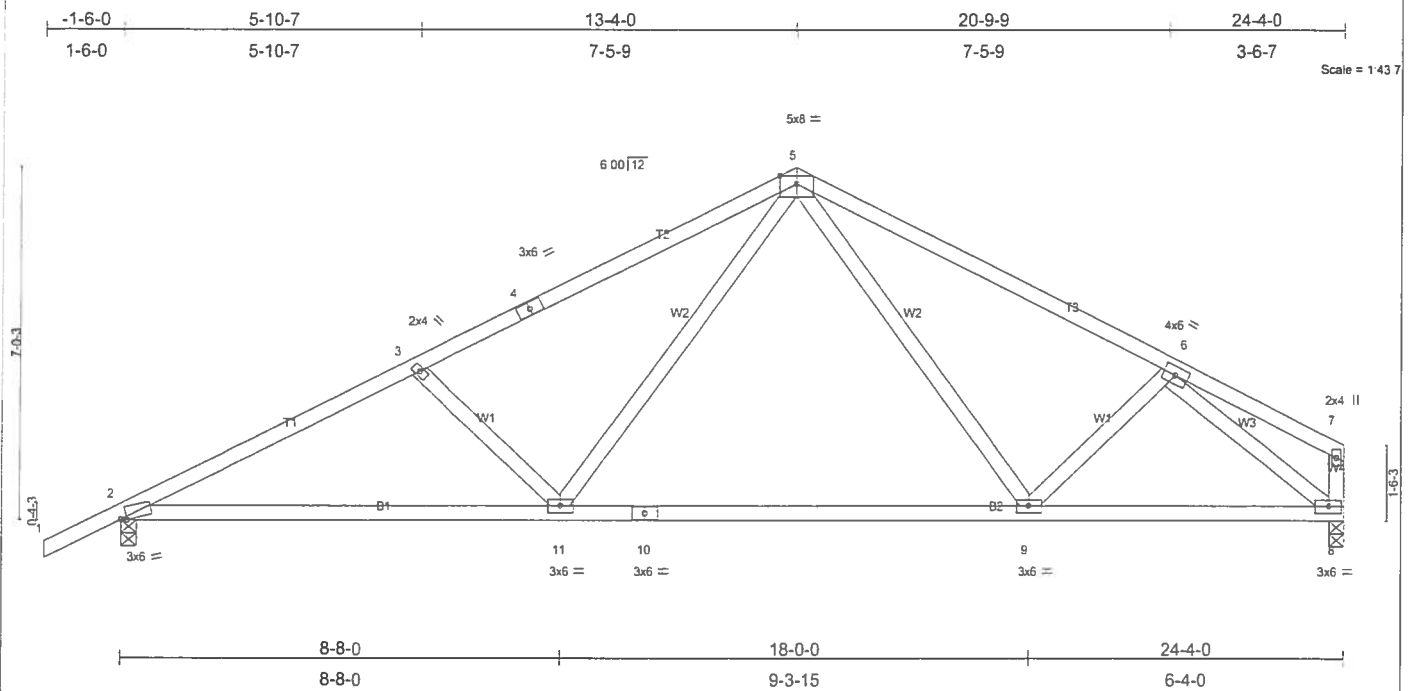


Plate Offsets (X,Y): [2:0-1-5,0-0-7]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.56	Vert(LL) -0.17 9-11 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.46	Vert(TL) -0.29 9-11 >982 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 8 n/a n/a		
	Code FBC2004/TPI2002			Weight: 122 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 *Except*
 W4 2 X 4 SYP No.2

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-5-1 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-10-3 oc bracing.

REACTIONS (lb/size) 2=1102/0-3-8, 8=1007/0-3-8
 Max Horz 2=215(load case 5)
 Max Uplift 2=-546(load case 5), 8=-411(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-1750/977, 3-4=-1522/862, 4-5=-1357/881, 5-6=-1271/762, 6-7=-101/31, 7-8=-79/40
 BOT CHORD 2-11=-852/1519, 10-11=-411/915, 9-10=-411/915, 8-9=-588/1028
 WEBS 3-11=-361/402, 5-11=-275/666, 5-9=-113/327, 6-9=-37/205, 6-8=-1281/788

JOINT STRESS INDEX
 2 = 0.79, 3 = 0.34, 4 = 0.53, 5 = 0.76, 6 = 0.36, 7 = 0.41, 8 = 0.42, 9 = 0.41, 10 = 0.35 and 11 = 0.49

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 546 lb uplift at joint 2 and 411 lb uplift at joint 8.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T19A	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:37 2006 Page 1		

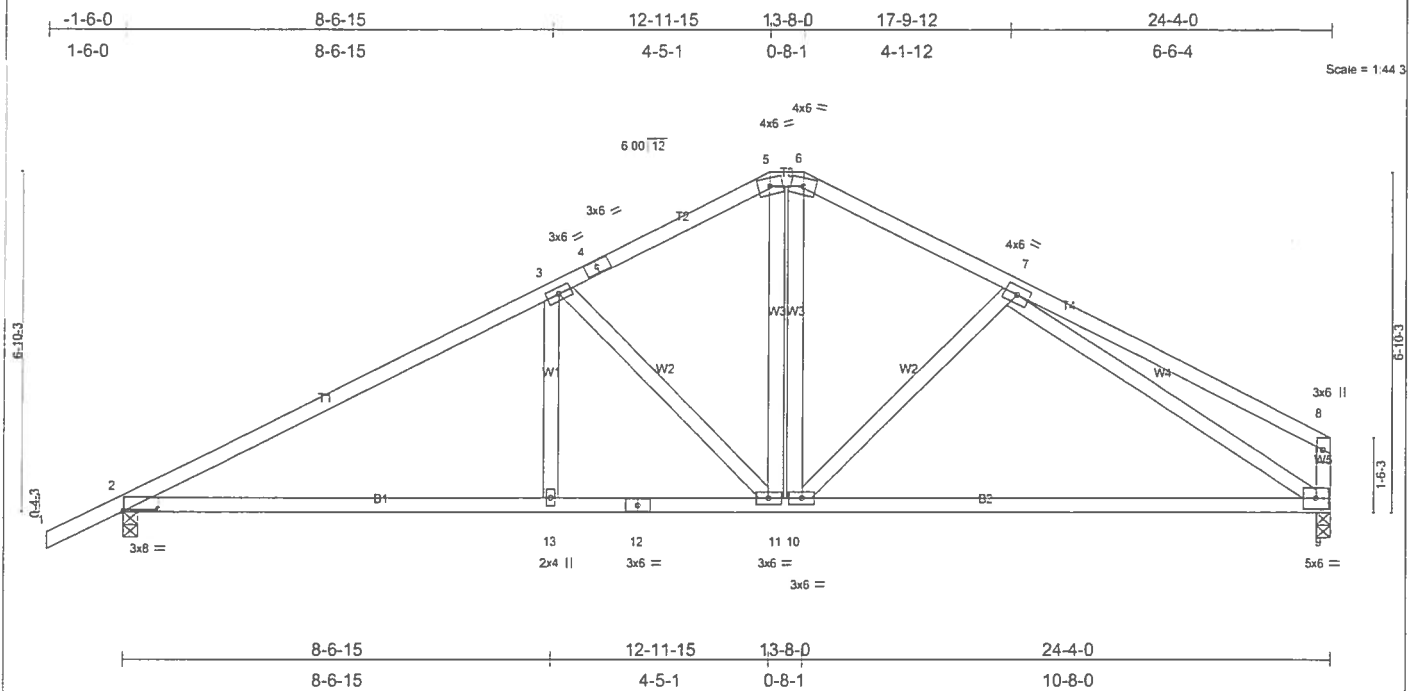


Plate Offsets (X,Y): [2:0-8-4,0-0-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.59	Vert(LL)	-0.24	9-10	>999	240	
TCCL 7.0	Lumber Increase	1.25	BC 0.64	Vert(TL)	-0.41	9-10	>704	180	
BCLL 10.0	Rep Stress Incr	YES	WB 0.83	Horz(TL)	0.05	9	n/a	n/a	
BCCL 5.0	Code FBC2004/TPI2002		(Matrix)						
									Weight: 134 lb

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 *Except*
 W5 2 X 4 SYP No.2

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-0-1 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-11-15 oc bracing

REACTIONS (lb/size) 2=1102/0-3-8, 9=1007/0-3-8
 Max Horz 2=213(load case 5)
 Max Uplift 2=544(load case 5), 9=409(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=1640/864, 3-4=1122/710, 4-5=1102/724, 5-6=939/682, 6-7=1107/709, 7-8=522/270, 8-9=376/282
 BOT CHORD 2-13=700/1374, 12-13=700/1370, 11-12=700/1370, 10-11=363/939, 9-10=556/1049
 WEBS 3-13=0/243, 3-11=623/481, 5-11=357/293, 6-10=111/469, 7-10=212/277, 7-9=799/516

JOINT STRESS INDEX
 2 = 0.69, 3 = 0.41, 4 = 0.64, 5 = 0.30, 6 = 0.35, 7 = 0.28, 8 = 0.69, 9 = 0.71, 10 = 0.37, 11 = 0.37, 12 = 0.63 and 13 = 0.34

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 544 lb uplift at joint 2 and 409 lb uplift at joint 9.

LOAD CASE(S) Standard

Job L162015	Truss T20	Truss Type SPECIAL	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
----------------	--------------	-----------------------	----------	----------	------------------------------

Builders FirstSource, Lake City, FL 32055

Job Reference (optional)
6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:38 2006 Page 1

-1-6-0	5-5-7	13-4-0	16-0-8	19-4-8	24-9-2	30-0-0	31-6-0
1-6-0	5-5-7	7-10-9	2-8-8	3-4-0	5-4-10	5-2-14	1-6-0

Scale = 1/560

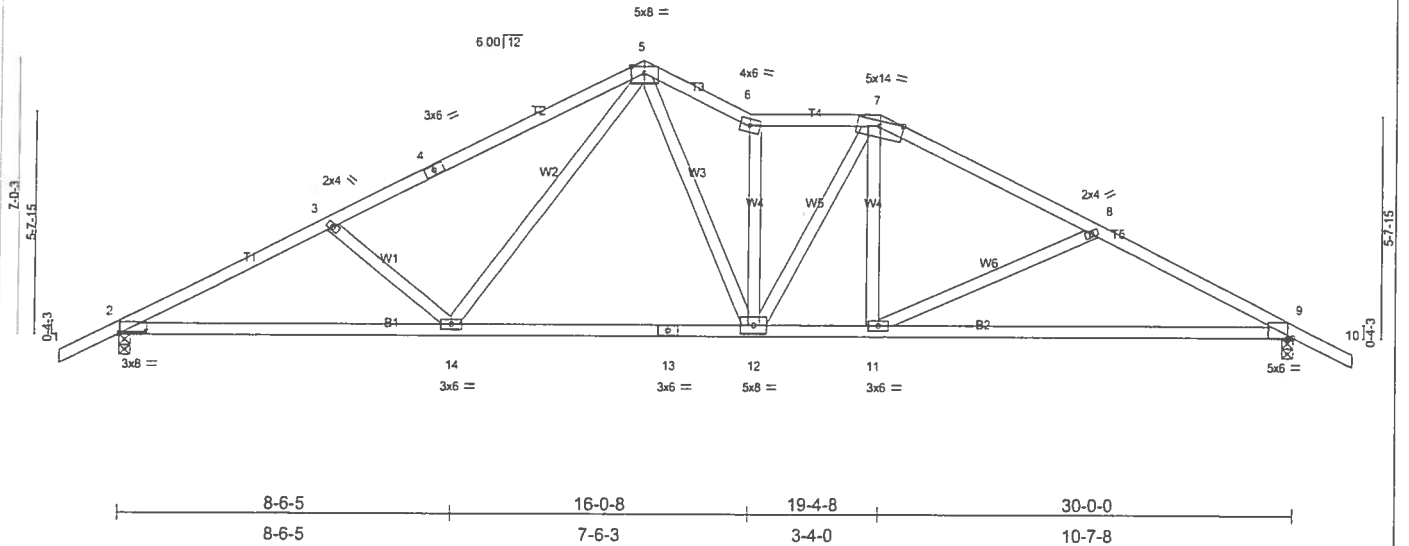


Plate Offsets (X,Y) [2:0-8-4,0-0-10], [9:0-1-11,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.74	Vert(LL) -0.33 9-11 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.44	Vert(TL) -0.57 9-11 >626 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.09 9 n/a n/a		
	Code FBC2004/TPI2002			Weight: 160 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-8-14 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-4-5 oc bracing

REACTIONS (lb/size) 2=1337/0-3-8, 9=1337/0-3-8
 Max Horz 2=145(load case 5)
 Max Uplift 2=627(load case 5), 9=655(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-2284/1273, 3-4=-2032/1116, 4-5=-1937/1136, 5-6=-1903/1166, 6-7=-1702/1046, 7-8=-1888/1036, 8-9=-2216/1243, 9-10=0/35
 BOT CHORD 2-14=-980/2000, 13-14=-497/1378, 12-13=-497/1378, 11-12=-612/1637, 9-11=-943/1943
 WEBS 3-14=-363/430, 5-14=-266/617, 5-12=-431/944, 6-12=-838/474, 7-12=-99/165, 7-11=-91/419, 8-11=-358/365

JOINT STRESS INDEX
 2 = 0.76, 3 = 0.34, 4 = 0.74, 5 = 0.70, 6 = 0.80, 7 = 0.60, 8 = 0.34, 9 = 0.71, 11 = 0.35, 12 = 0.52, 13 = 0.64 and 14 = 0.45

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 627 lb uplift at joint 2 and 655 lb uplift at joint 9.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T21	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:39 2006 Page 1

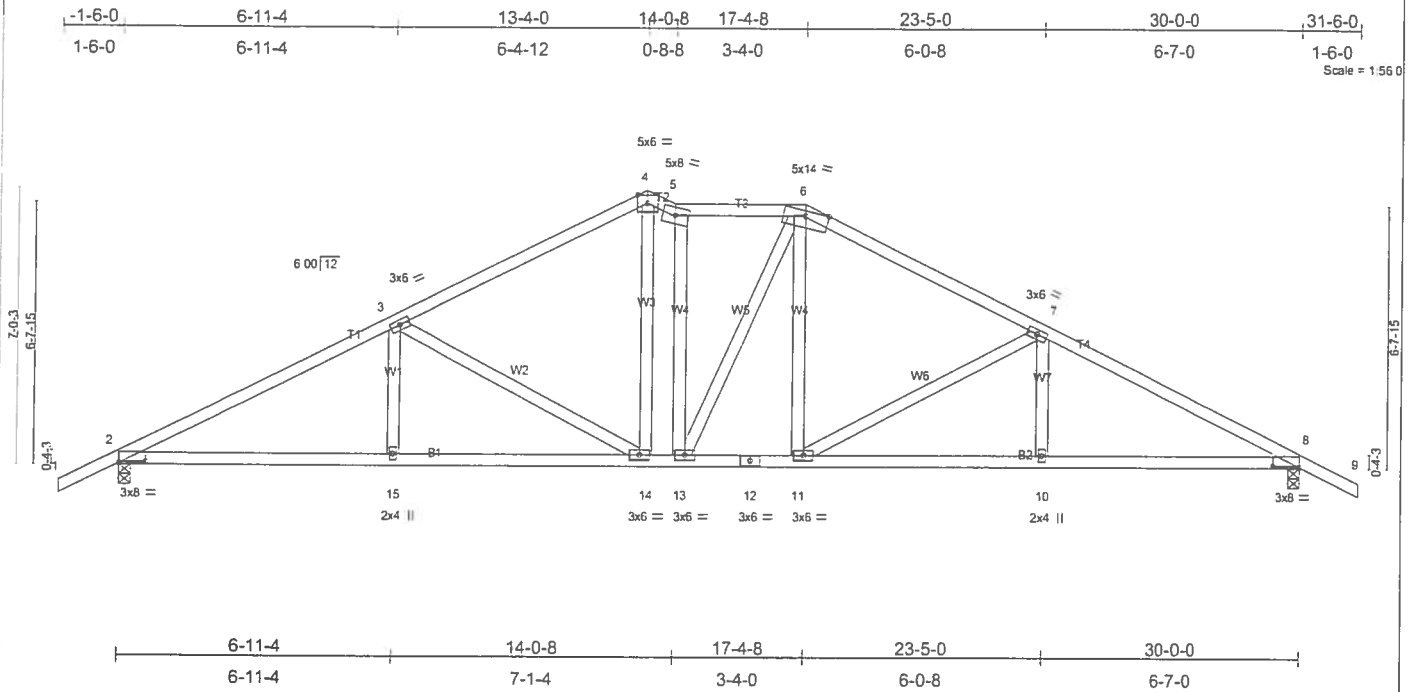


Plate Offsets (X,Y): [2:0-8-0,0-0-6], [8:0-8-0,0-0-6]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.44	Vert(LL) -0.15 10-11	>999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.57	Vert(TL) -0.24 10-11	>999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.59	Horz(TL) 0.09 8	n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 167 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 3-9-13 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-8-6 oc bracing.

REACTIONS (lb/size) 2=1337/0-3-8, 8=1337/0-3-8
Max Horz 2=145(load case 5)
Max Uplift2=-627(load case 5), 8=-655(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=225/1174, 3-4=1647/971, 4-5=1331/846, 5-6=1403/932, 6-7=1682/983, 7-8=2274/1184, 8-9=0/35
 BOT CHORD 2-15=858/1931, 14-15=858/1931, 13-14=479/1407, 12-13=506/1447, 11-12=506/1447, 10-11=872/1955, 8-10=872/1955
 WEBS 3-15=0/228, 3-14=632/433, 5-13=156/73, 6-13=251/137, 6-11=183/483, 7-11=592/420, 7-10=0/213, 14-14=239/639

JOINT STRESS INDEX
2 = 0.71, 3 = 0.41, 4 = 0.71, 5 = 0.69, 6 = 0.75, 7 = 0.41, 8 = 0.71, 10 = 0.34, 11 = 0.35, 12 = 0.52, 13 = 0.47, 14 = 0.42 and 15 = 0.34

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 627 lb uplift at joint 2 and 655 lb uplift at joint 8.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T22	Truss Type HIP	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:40 2006 Page 1

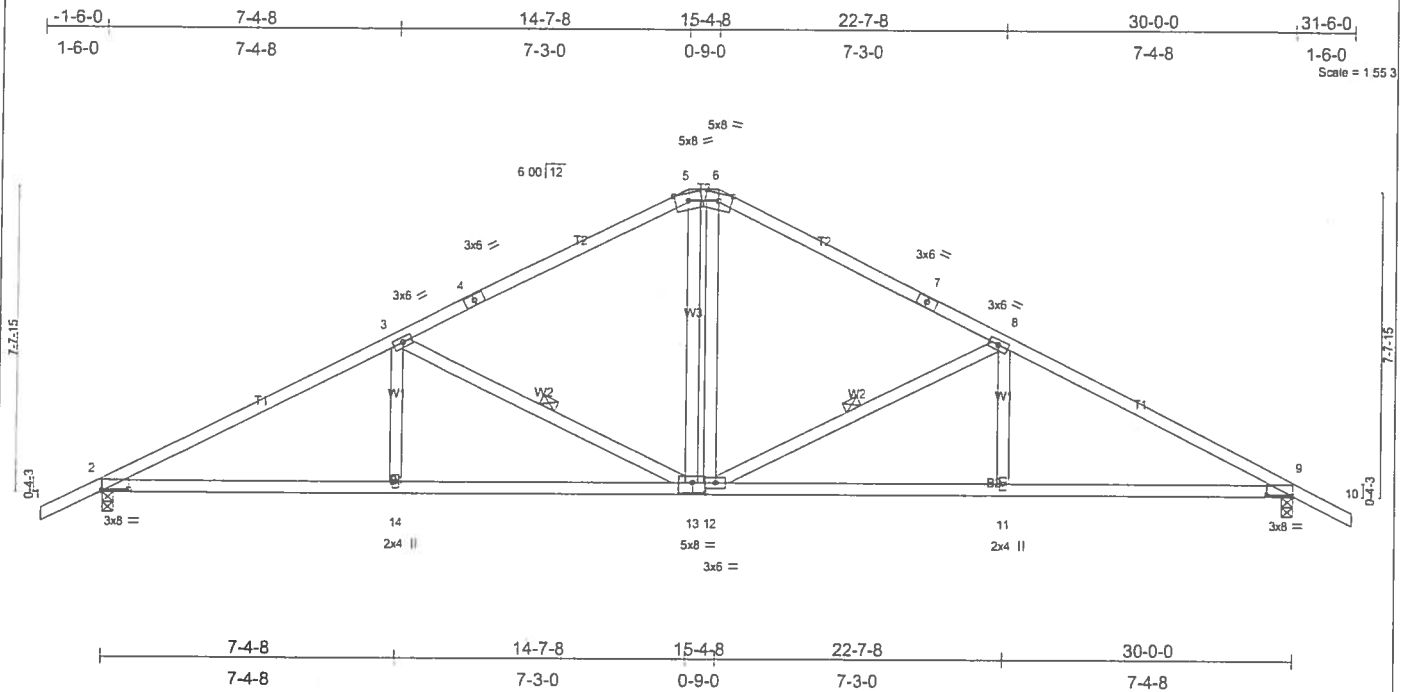


Plate Offsets (X,Y): [2:0-8-0-0-0-6], [9:0-8-0-0-0-6], [13:0-4-0-0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.48	Vert(LL)	-0.16 13-14	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.62	Vert(TL)	-0.26 13-14	>999	180		
BCLL 10.0	Rep Stress Incr	YES	WB 0.25	Horz(TL)	0.09 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 155 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 3-9-5 oc purins.
 BOT CHORD Rigid ceiling directly applied or 6-7-12 oc bracing.
 WEBS 1 Row at midpt 3-13, 8-12

REACTIONS (lb/size) 2=1337/0-3-8, 9=1337/0-3-8
 Max Horz 2=156(load case 5)
 Max Uplift 2=636(load case 5), 9=636(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=2244/1183, 3-4=1525/896, 4-5=1434/921, 5-6=1291/922, 6-7=1435/921, 7-8=1526/897, 8-9=2244/1183, 9-10=0/35
 BOT CHORD 2-14=862/1924, 13-14=862/1924, 12-13=408/1291, 11-12=862/1924, 9-11=862/1924
 WEBS 3-14=0/261, 3-13=745/514, 5-13=235/535, 6-12=236/534, 8-12=743/513, 8-11=0/261

JOINT STRESS INDEX
 2 = 0.71, 3 = 0.41, 4 = 0.40, 5 = 0.60, 6 = 0.60, 7 = 0.40, 8 = 0.41, 9 = 0.71, 11 = 0.34, 12 = 0.35, 13 = 0.54 and 14 = 0.34

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 636 lb uplift at joint 2 and 636 lb uplift at joint 9.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T23	COMMON	1	2	Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 MiTek Industries, Inc Tue May 02 09:06:40 2006 Page 1		

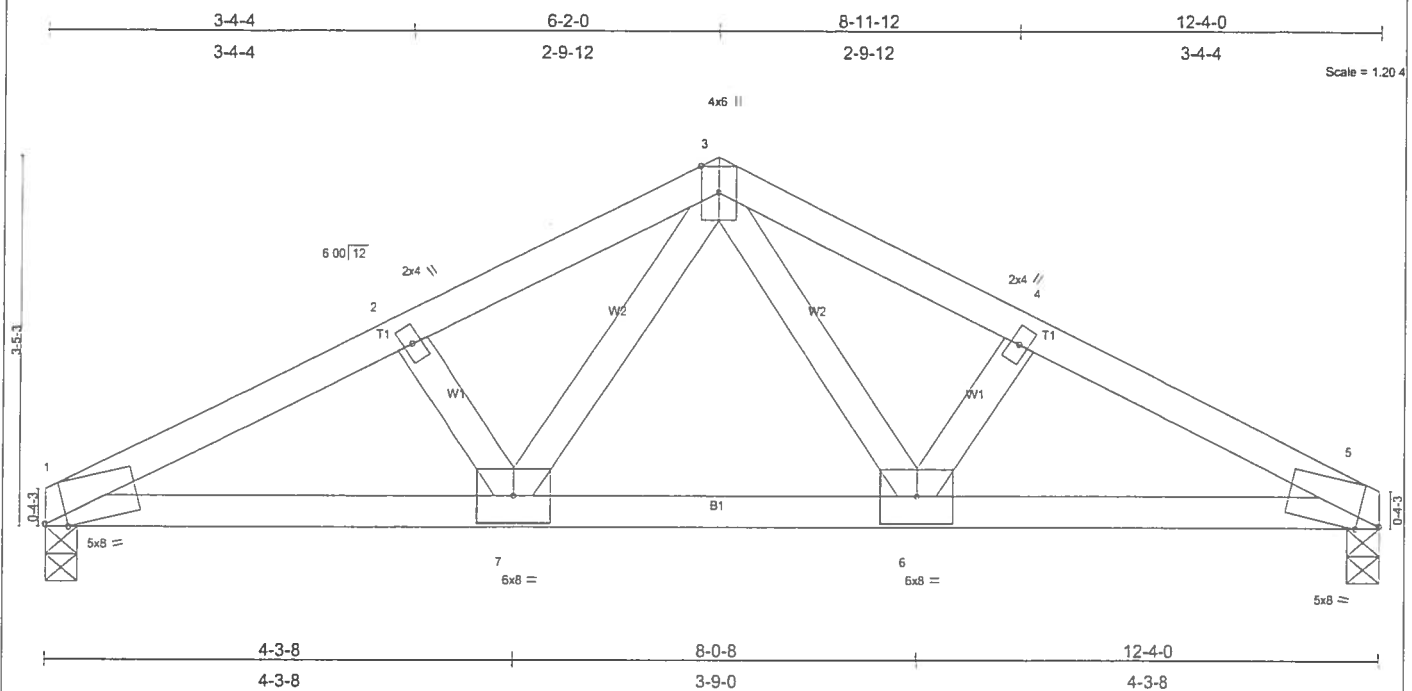


Plate Offsets (X,Y) [1:0-2-7,Edge], [5:0-2-7,Edge]									
LOADING (psf)		SPACING 2-0-0		CSI		DEFL		PLATES	
TCLL	20.0	Plates Increase	1.25	TC	0.54	in (loc)	l/defl	L/d	GRIP
TCDL	7.0	Lumber Increase	1.25	BC	0.82	Vert(LL)	-0.11 1-7	>999	240
BCLL	10.0	Rep Stress Incr	NO	WB	0.49	Vert(TL)	-0.17 1-7	>854	180
BCDL	5.0	Code FBC2004/TP12002		(Matrix)		Horz(TL)	0.04 5	n/a	n/a
									Weight: 109 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 4-8-2 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-9-15 oc bracing.

REACTIONS (lb/size) 1=4009/0-3-8, 5=4009/0-3-8
Max Horz 1=-54(load case 2)
Max Uplift1=-1900(load case 4), 5=-1900(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-6099/2882, 2-3=-6014/2884, 3-4=-6013/2884, 4-5=-6099/2882
BOT CHORD 1-7=-2572/5404, 6-7=-1740/3791, 5-6=-2520/5404
WEBS 2-7=-119/150, 3-7=-1463/3037, 3-6=-1464/3037, 4-6=-119/150

JOINT STRESS INDEX
1 = 0.75, 2 = 0.07, 3 = 0.73, 4 = 0.07, 5 = 0.75, 6 = 0.44 and 7 = 0.44

NOTES

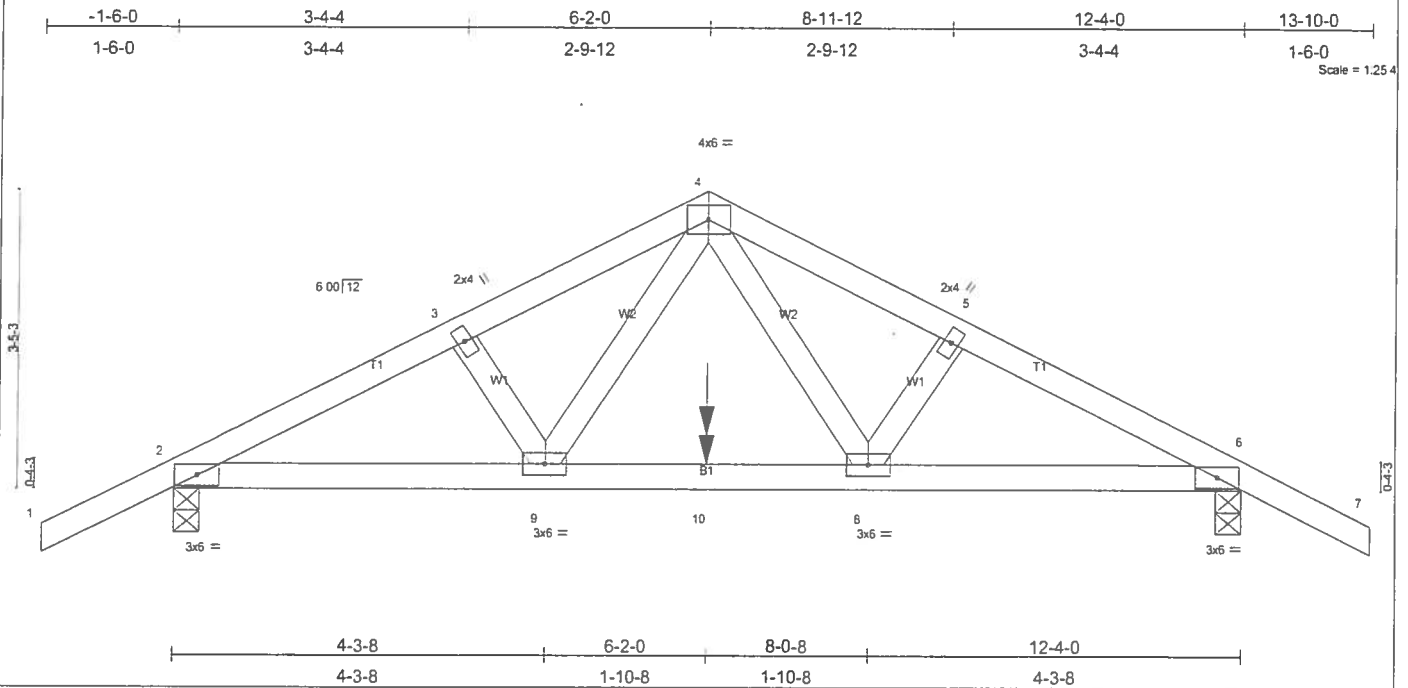
- 1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- 2) All loads are considered equally applied to all pieces, 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) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDF=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1900 lb uplift at joint 1 and 1900 lb uplift at joint 5.
- 6) Girder carries tie-in span(s): 30-0-0 from 0-0-0 to 12-4-0

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 1-5=-612(F=582)

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B. LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Pty	HUGO- LOT 31 ROLLING MEADOWS
L162015	T24	COMMON	1	1	Job Reference (optional)
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:41 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.28	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.78	Vert(LL) 0.12 8-9 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.24	Vert(TL) -0.17 8-9 >838 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.02 6 n/a n/a		
	Code FBC2004/TPI2002			Weight: 59 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-7-12 oc purlins
 BOT CHORD Rigid ceiling directly applied or 7-5-9 oc bracing.

REACTIONS (lb/size) 2=997/0-3-8, 6=998/0-3-8
 Max Horz 2=85(load case 5)
 Max Uplift 2=591(load case 4), 6=591(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=-1734/894, 3-4=-1644/900, 4-5=-1644/901, 5-6=-1734/895, 6-7=0/35
 BOT CHORD 2-9=-752/1477, 9-10=-501/1083, 8-10=-501/1083, 6-8=-709/1477
 WEBS 3-9=-51/87, 4-9=-399/735, 4-8=-399/735, 5-8=-51/88

JOINT STRESS INDEX
 2 = 0.76, 3 = 0.06, 4 = 0.59, 5 = 0.06, 6 = 0.76, 8 = 0.56 and 9 = 0.56

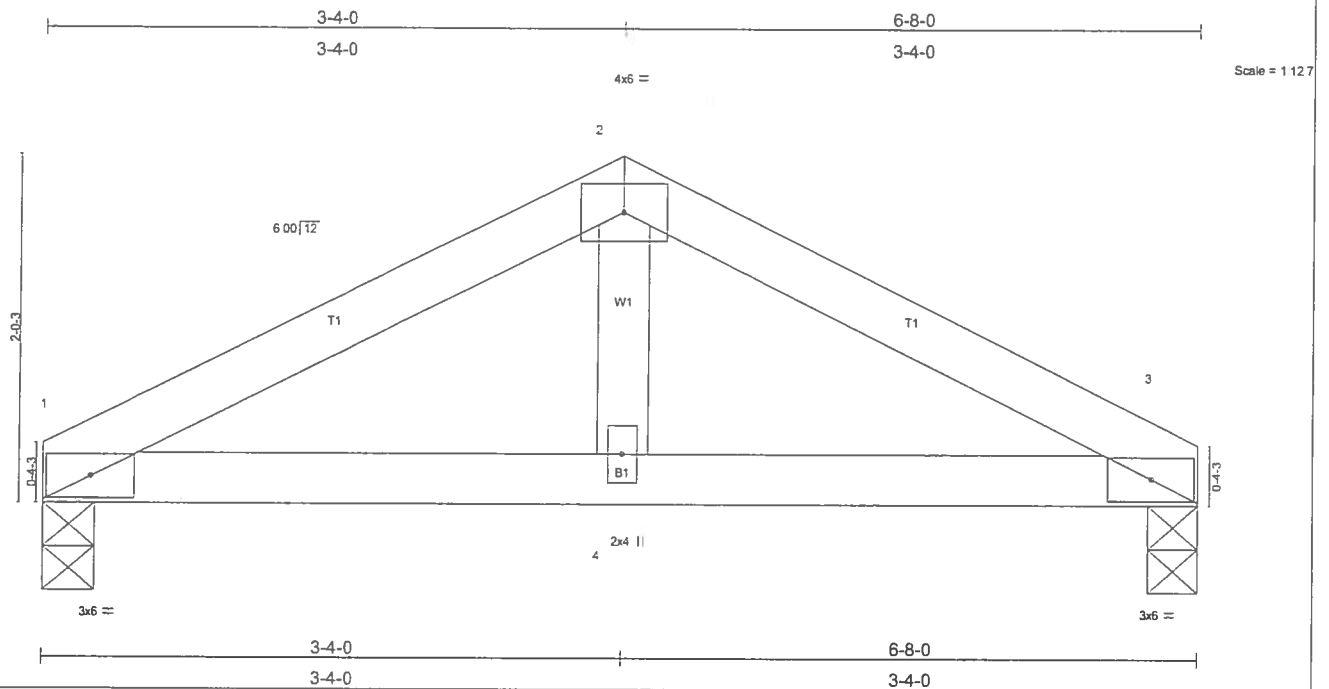
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 591 lb uplift at joint 2 and 591 lb uplift at joint 6.
- Girder carries hip end with 6-2-0 end and setback.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 806 lb down and 520 lb up at 6-2-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-7=-54, 2-6=-30
 Concentrated Loads (lb)
 Vert: 10=-806(F)

Job L162015	Truss T25	Truss Type COMMON	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:41 2006 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.17	Vert(LL)	-0.02	3-4	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.41	Vert(TL)	-0.03	3-4	>999	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.16	Horz(TL)	0.01	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 24 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=583/0-3-8, 3=583/0-3-8
 Max Horz 1=-29(load case 2)
 Max Uplift 1=-264(load case 4), 3=-264(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-745/313, 2-3=-745/312
 BOT CHORD 1-4=-238/628, 3-4=-238/628
 WEBS 2-4=-162/501

JOINT STRESS INDEX
 1 = 0.32, 2 = 0.24, 3 = 0.32 and 4 = 0.37

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust), h=20ft, TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 264 lb uplift at joint 1 and 264 lb uplift at joint 3.
- Girder carries tie-in span(s): 7'-0" from 0'-0" to 6'-8"
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

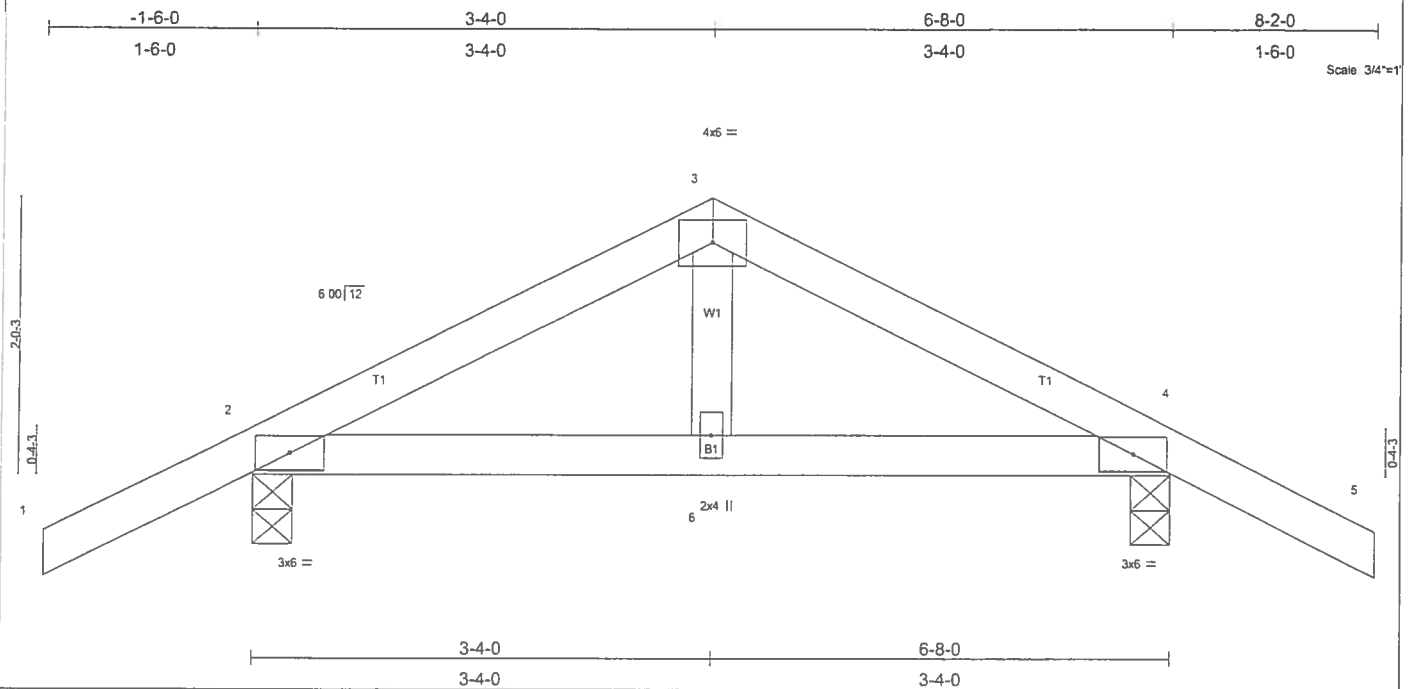
LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54, 2-3=-54, 1-3=-129(F=-99)

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T26	COMMON	1	1	Job Reference (optional)

6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:42 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0 Plates increase 1.25	TC 0.21	Vert(LL)	-0.00	4-6	>999	240	MT20
TCOL 7.0	Lumber increase 1.25	BC 0.10	Vert(TL)	-0.01	4-6	>999	180	244/190
BCLL 10.0	Rep Stress Incr YES	WB 0.04	Horz(TL)	0.00	4	n/a	n/a	
BCOL 5.0	Code FBC2004/TP12002	(Matrix)						Weight: 28 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3

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=357/0-3-8, 4=357/0-3-8
Max Horz 2=62(load case 5)
Max Uplift2=-236(load case 5), 4=-236(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-307/142, 3-4=-307/142, 4-5=0/35
BOT CHORD 2-6=0/225, 4-6=0/225
WEBS 3-6=0/116

JOINT STRESS INDEX
2 = 0.18, 3 = 0.06, 4 = 0.18 and 6 = 0.08

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCFL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Member DOL=1.60 plate gip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 236 lb uplift at joint 2 and 236 lb uplift at joint 4.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

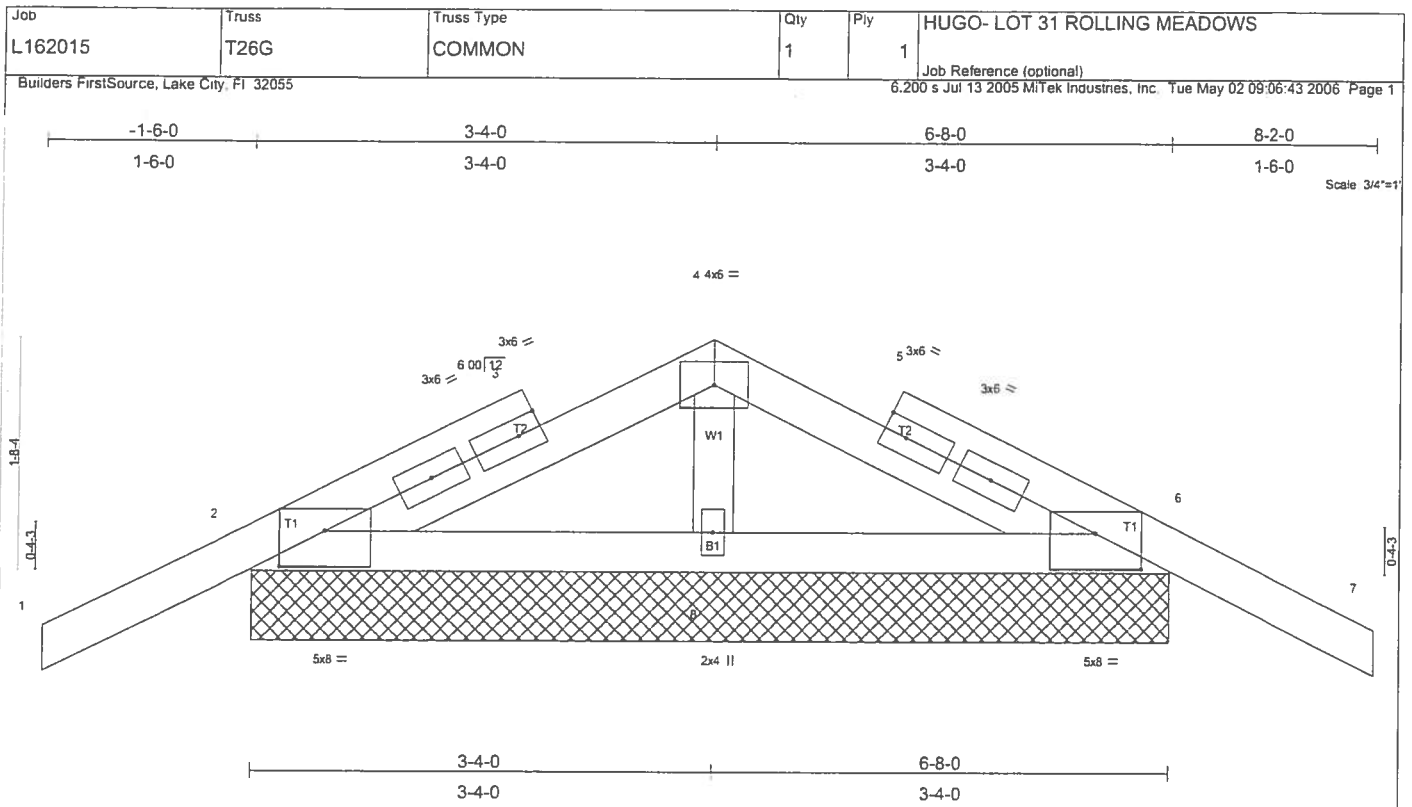


Plate Offsets (X,Y): [2.0-4-0,0-3-1], [6.0-4-0,0-3-1]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.25	Vert(LL) -0.01	7	n/r	120		MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.09	Vert(TL) -0.01	7	n/r	90			
BCLL 10.0	Lumber Increase 1.25	WB 0.07	Horz(TL) 0.00	6	n/a	n/a			
BCDL 5.0	Rep Stress Incr NO	(Matrix)							
	Code FBC2004/TPI2002								
								Weight 33 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-8-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=309/6-8-0, 6=310/6-8-0, 8=422/6-8-0
 Max Horz 2=56(load case 5)
 Max Uplift 2=240(load case 5), 6=-250(load case 6), 8=-137(load case 5)
 Max Grav 2=317(load case 9), 6=317(load case 10), 8=422(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-11/56, 2-3=-35/85, 3-4=-44/125, 4-5=-44/125, 5-6=-37/85, 6-7=-11/56
 BOT CHORD 2-8=-79/164, 6-8=-79/164
 WEBS 4-8=-297/261

JOINT STRESS INDEX
 2 = 0.80, 3 = 0.00, 3 = 0.35, 3 = 0.35, 4 = 0.10, 5 = 0.00, 5 = 0.35, 5 = 0.35, 6 = 0.80 and 8 = 0.15

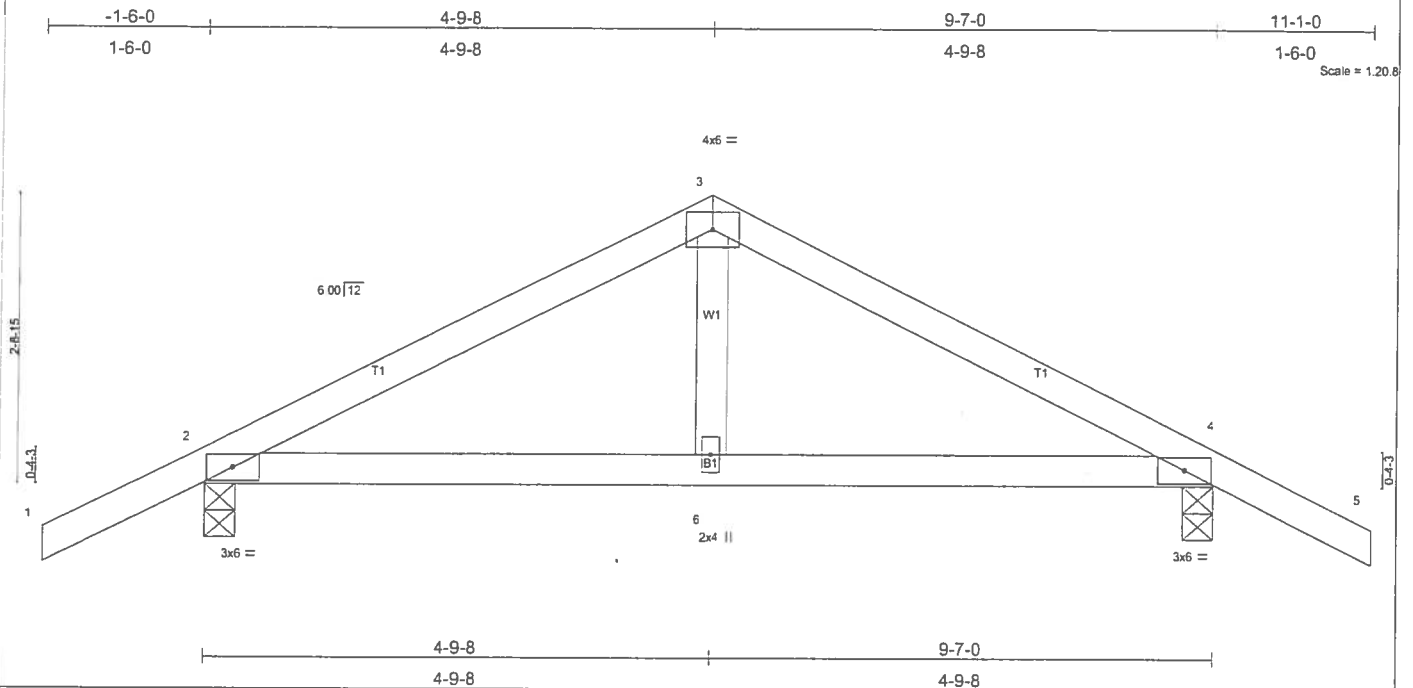
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02: 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed: MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 240 lb uplift at joint 2, 250 lb uplift at joint 6 and 137 lb uplift at joint 8.
- Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 6.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-87(F=-33), 4-7=-87(F=-33), 2-6=-30

Job	Truss	Truss Type	Qty	Ply	HUGO- LOT 31 ROLLING MEADOWS
L162015	T27	COMMON	1	1	
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		
			6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:43 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.27	Vert(LL)	0.04	2-6	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.16	Vert(TL)	0.04	2-6	>999	180		
BCCL 10.0	Lumber Increase 1.25	WB 0.05	Horz(TL)	-0.01	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002							Weight: 39 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 8-9-15 oc bracing.

REACTIONS (lb/size) 2=479/0-3-8, 4=479/0-3-8
 Max Horz 2=74(load case 6)
 Max Uplift 2=423(load case 5), 4=423(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/35, 2-3=520/728, 3-4=520/728, 4-5=0/35
 BOT CHORD 2-6=-488/414, 4-6=-488/414
 WEBS 3-6=-345/161

JOINT STRESS INDEX
 2 = 0.43, 3 = 0.71, 4 = 0.43 and 6 = 0.12

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint 2 and 423 lb uplift at joint 4.

LOAD CASE(S) Standard

MAY 02, 2006 TRUSS DESIGN ENGINEER:
 THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
 STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
 16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job L162015	Truss T27G	Truss Type COMMON	Qty 1	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue May 02 09:06:44 2006 Page 1		

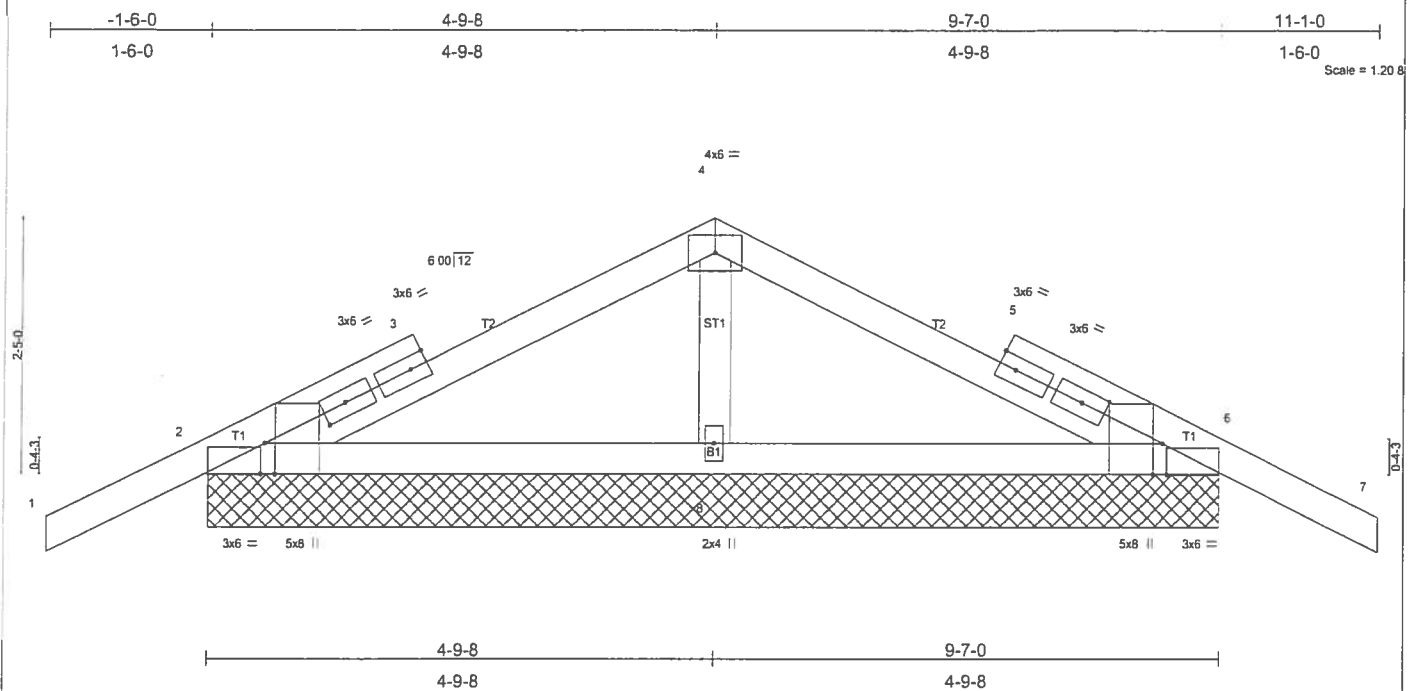


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-8,Edge], [3:0-2-12,0-1-8], [5:0-2-12,0-1-8], [6:0-3-8,Edge], [6:0-0-8,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.30	in (loc) l/def l/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.31	Vert(LL) 0.02 7 n/r 120		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) 0.03 7 n/r 90		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 6 n/a n/a		
	Code FBC2004/TPI2002			Weight: 43 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
OTHERS 2 X 4 SYP No.3

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=590/9-7-0, 6=590/9-7-0, 8=203/9-7-0
Max Horiz 2=-68(load case 6)
Max Uplift 2=-380(load case 5), 6=-380(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-9/56, 2-3=-618/498, 3-4=-555/491, 4-5=-555/491, 5-6=-618/498, 6-7=-9/56
BOT CHORD 2-8=-311/506, 6-8=-311/506

JOINT STRESS INDEX
2 = 0.39, 2 = 0.00, 3 = 0.00, 3 = 0.43, 3 = 0.43, 4 = 0.81, 5 = 0.00, 5 = 0.43, 5 = 0.43, 6 = 0.39, 6 = 0.00 and 8 = 0.00

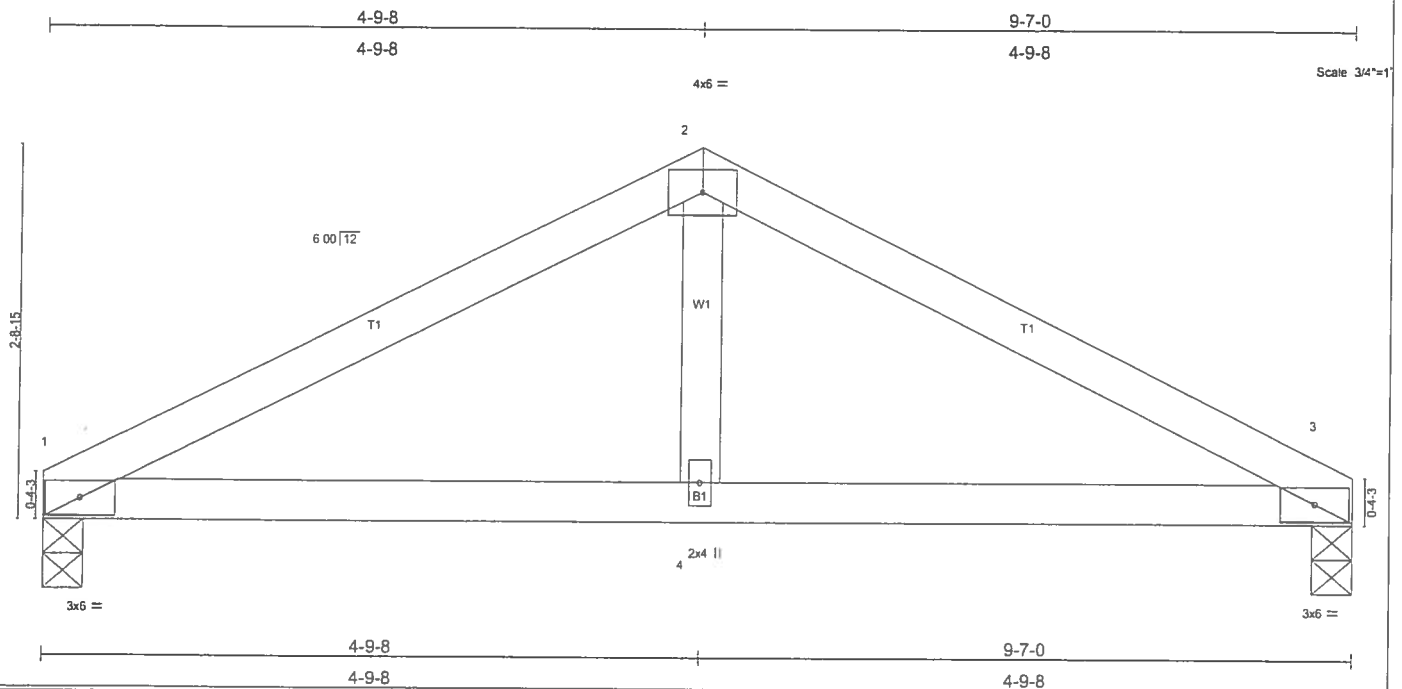
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 380 lb uplift at joint 2 and 380 lb uplift at joint 6.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-87(F=-33), 4-7=-87(F=-33), 2-6=-30

Job L162015	Truss T28	Truss Type COMMON	Qty 4	Ply 1	HUGO- LOT 31 ROLLING MEADOWS
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional) 6,200 s Jul 13 2005 Mitek Industries, Inc. Tue May 02 09:06:45 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.31	in (loc) l/def L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.26	Vert(LL) 0.06 1-4 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.06	Vert(TL) 0.05 1-4 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.01 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 34 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-5-11 oc bracing.

REACTIONS (lb/size) 1=390/0-3-8, 3=390/0-3-8
 Max Horz 1=42(load case 3)
 Max Uplift 1=302(load case 5), 3=302(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-565/816, 2-3=-565/816
 BOT CHORD 1-4=-644/458, 3-4=-644/458
 WEBS 2-4=-393/186

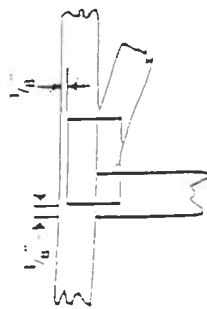
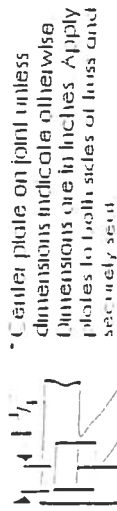
JOINT STRESS INDEX
 1 = 0.33, 2 = 0.83, 3 = 0.33 and 4 = 0.14

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 302 lb uplift at joint 1 and 302 lb uplift at joint 3.

LOAD CASE(S) Standard

Symbols

PLATE LOCATION AND ORIENTATION



This symbol indicates the required direction of slats in connector plates.

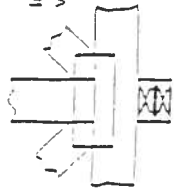
PLATE SIZE



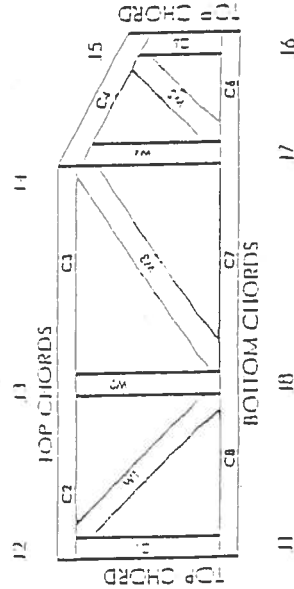
LATERAL BRACING



BEARINGS



Numbering System



CONNECTOR PLATE CODE APPROVALS

BOCA	96 31, 96 67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/ILLR	960022 W, 970036 H
IFR	561



MITel Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and waste at joint locations.
4. Unless otherwise noted, locate chord splices at 1/2 panel length (1.5' from adjacent joint).
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or pulins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10' spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to lusses are the responsibility of others unless shown.
13. Do not overload roof or floor lusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of lusses.

© 1993 MITel Holdings, Inc.