Project Information for:	L158383		
Builder:	BEN MARTIN	Date:	4/6/2006
Lot:	Lot 34 Cannon Creek Place	Start Number:	**1132**
Subdivision:	N/A		
County or City:	COLUMBIA COUNTY		
Truss Page Count:	24		

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):	**110**		

Note: See individual truss drawings for special loading conditions

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

MARTIN,BENNETT G CBC059077
Address: PO BOX 1831
LAKE CITY,FLORIDA 32056 Designer: **85**

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 veritcal loads only, unless noted otherwise.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	0406061132	4/6/2006				
2	CJ3	0406061133	4/6/2006				
3	CJ5	0406061134	4/6/2006				
4	EJ7	0406061135	4/6/2006				
5	HJ6	0406061136	4/6/2006				
6	HJ9	0406061137	4/6/2006				
7	T01	0406061138	4/6/2006				
8	T02	0406061139	4/6/2006				
9	T03	0406061140	4/6/2006				
10	T04	0406061141	4/6/2006				
11	T05	0406061142	4/6/2006				
12	T06	0406061143	4/6/2006				
13	T07	0406061144	4/6/2006				
14	T08	0406061145	4/6/2006				
15	T09	0406061146	4/6/2006				
16	T10	0406061147	4/6/2006				
17	T11	0406061148	4/6/2006				
18	T12	0406061149	4/6/2006				
19	T13	0406061150	4/6/2006				
20	T14	0406061151	4/6/2006				
21	T15	0406061152	4/6/2006				
22	T16	0406061153	4/6/2006				
23	T17	0406061154	4/6/2006				
24	T18	0406061155	4/6/2006				

APR 0 6 2006

Dwg.#0406061131

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Name:	**MARTIN, BENNETT G** (Primary Name) **MARTIN HOME BUILDERS INC** (DBA Name)
Main Address:	**PO BOX 1831** **LAKE CITY Florida 32056**
County:	**COLUMBIA**
License Mailing:	
LicenseLocation:	**RT 9 BOX 1051** **LAKE CITY FL 32024**
County:	**COLUMBIA**

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC059077**
Status:	**Current,Active**
Licensure Date:	**08/03/1999**
Expires:	**08/31/2006**

Special Qualifications	Qualification Effective
Bldg Code Core Course Credit	
Qualified Business License Required	**02/20/2004**

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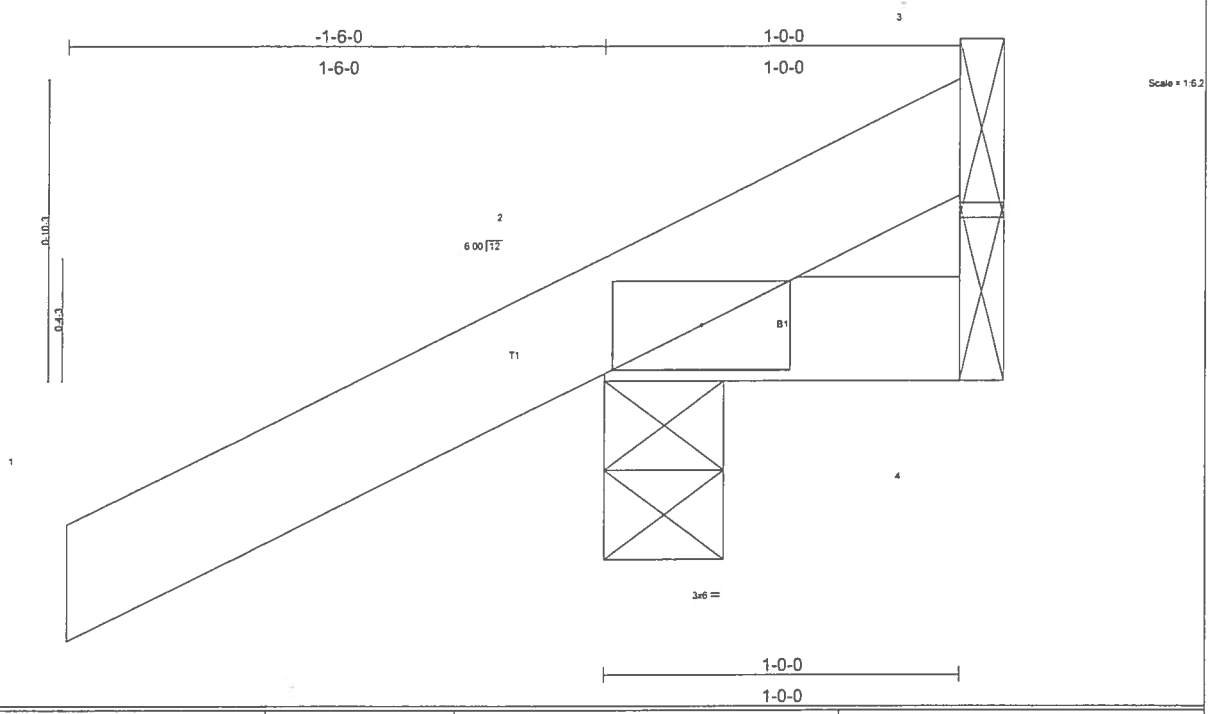
APRIL 06, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0406061132

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	CJ1	JACK	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:49:46 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	0.15	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>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: 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=189/0-4-0, 4=14/Mechanical, 3=-41/Mechanical
Max Horz 2=70(load case 5)
Max Uplift2=-193(load case 5), 4=-9(load case 3), 3=-41(load case 1)
Max Grav 2=189(load case 1), 4=14(load case 1), 3=62(load case 5)

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

NOTES
1) Wind: ASCE 7-02; 110mph (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.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 193 lb uplift at joint 2, 9 lb uplift at joint 4 and 41 lb uplift at joint 3.

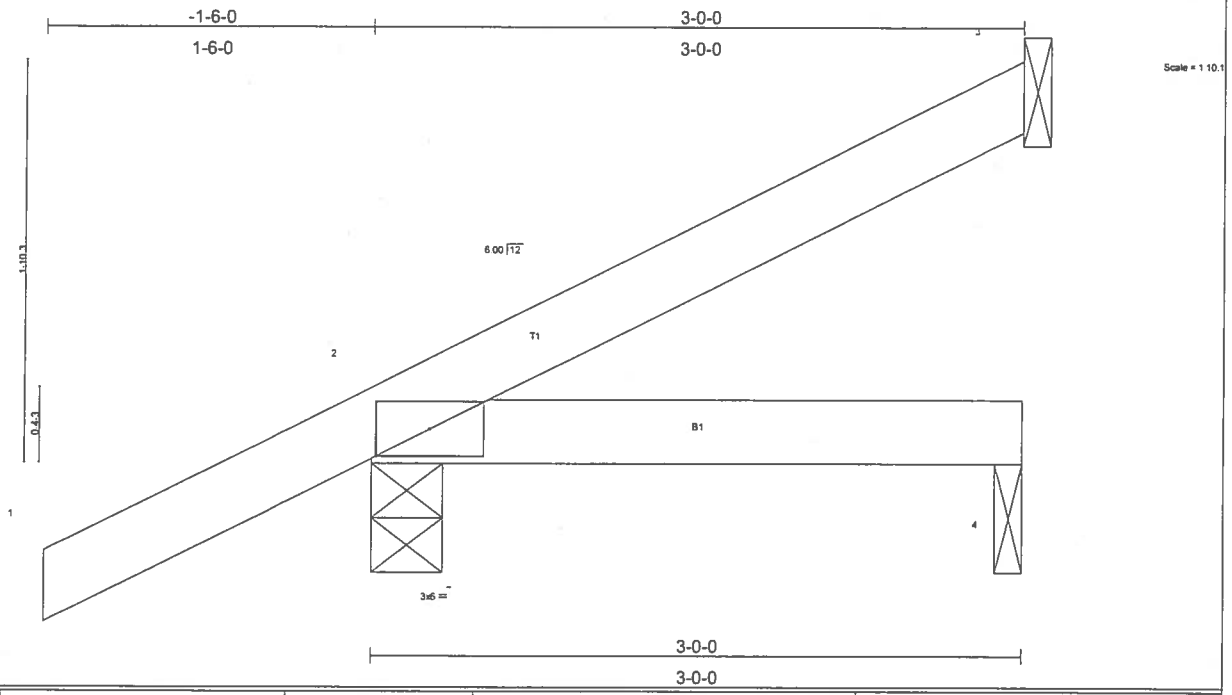
LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061133

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	CJ3	JACK	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:50:03 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	0.17	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	0.01	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: 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=48/Mechanical, 2=233/0-4-0, 4=42/0-1-8
Max Horz 2=115(load case 5)
Max Uplift3=-37(load case 5), 2=-187(load case 5), 4=-26(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-49/16
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (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.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 3, 187 lb uplift at joint 2 and 26 lb uplift at joint 4.

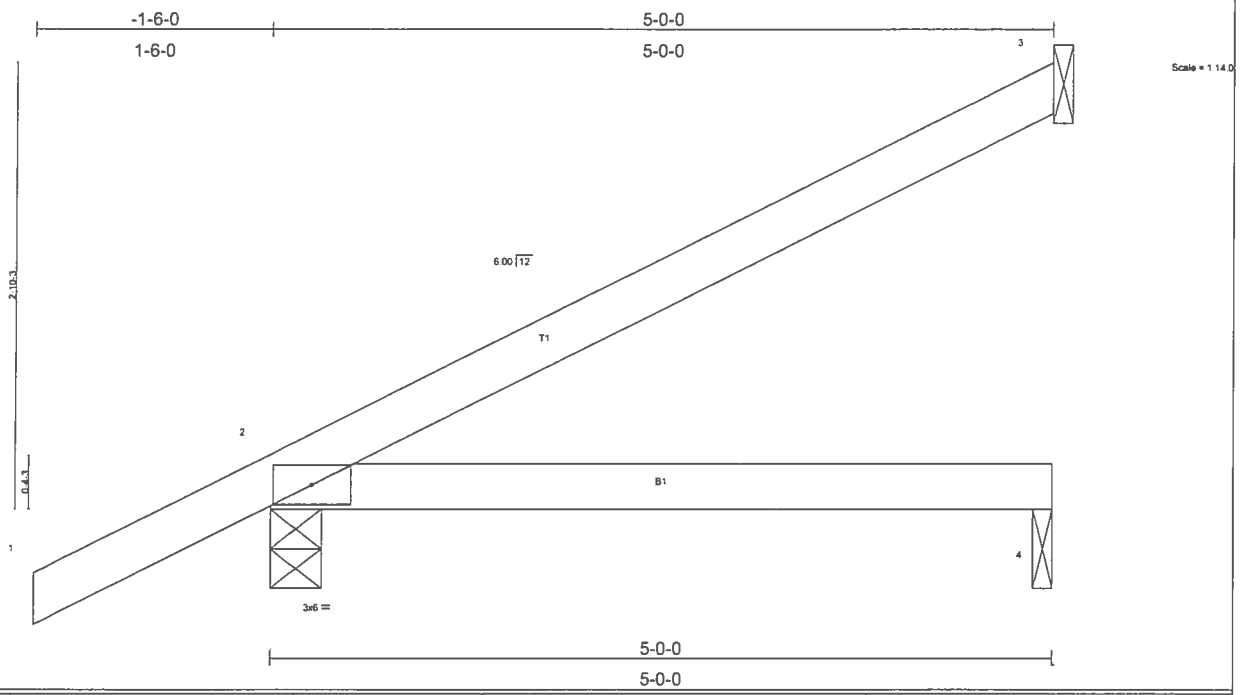
LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061134

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	CJ5	JACK	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:50:13 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	0.24	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=113/Mechanical, 2=306/0-4-0, 4=72/0-1-8
Max Horz 2=162(load case 5)
Max Uplift3=-101(load case 5), 2=-159(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-96/41
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (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 at joint(s) 4.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 3 and 159 lb uplift at joint 2.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061135

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	EJ7	MONO TRUSS	21	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:50:57 2006 Page 1

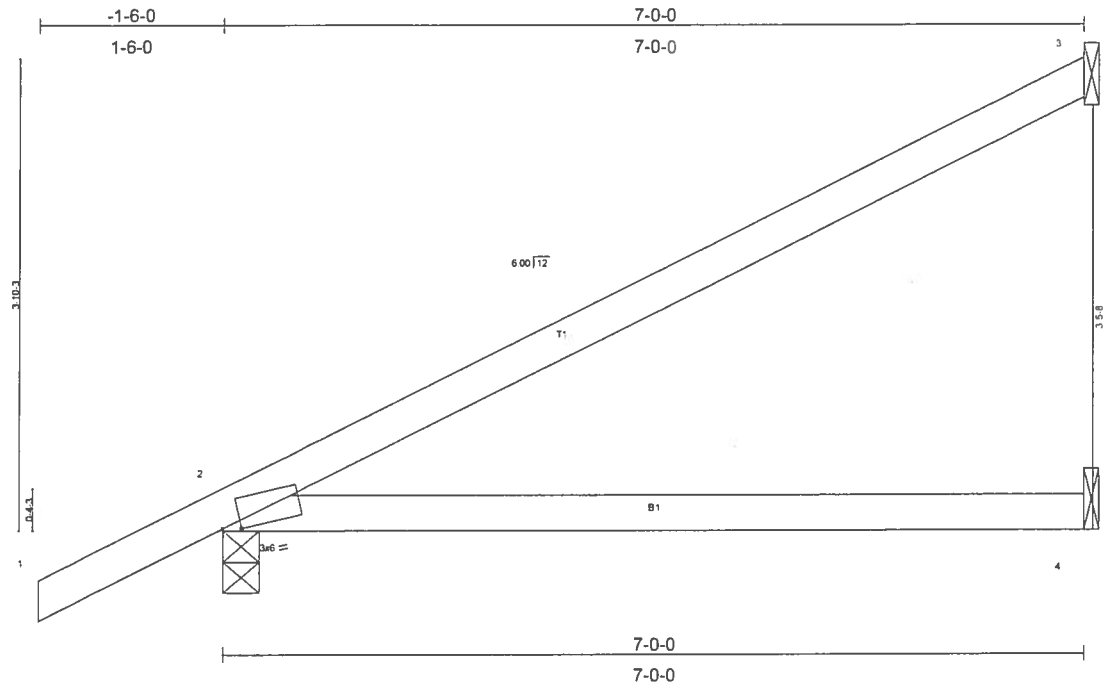


Plate Offsets (X,Y): [2:0-1-13,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	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=208(load case 5)
Max Uplift3=-139(load case 5), 2=-172(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-122/59
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (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 139 lb uplift at joint 3 and 172 lb uplift at joint 2.

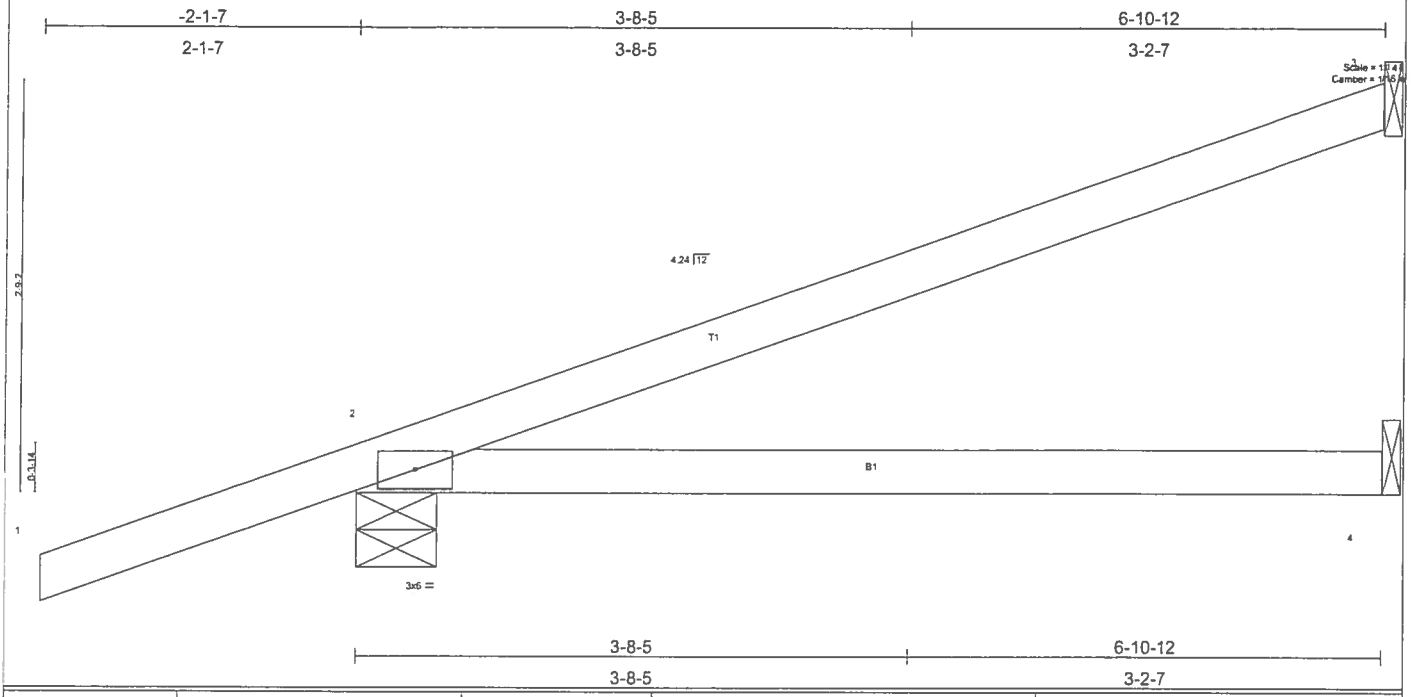
LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061136

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	HJ6	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:51:38 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	0.43	Vert(LL)	0.12	2-4	>644	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.15	2-4	>535	180		
BCLL	10.0	Rep Stress Incr	NO	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 6-10-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=184/Mechanical, 2=319/0-6-7, 4=113/Mechanical
Max Horz 2=146(load case 2)
Max Uplift3=-146(load case 2), 2=-277(load case 2), 4=-60(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-68/44
BOT CHORD 2-4=0/0

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 146 lb uplift at joint 3, 277 lb uplift at joint 2 and 60 lb uplift at joint 4.
4) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

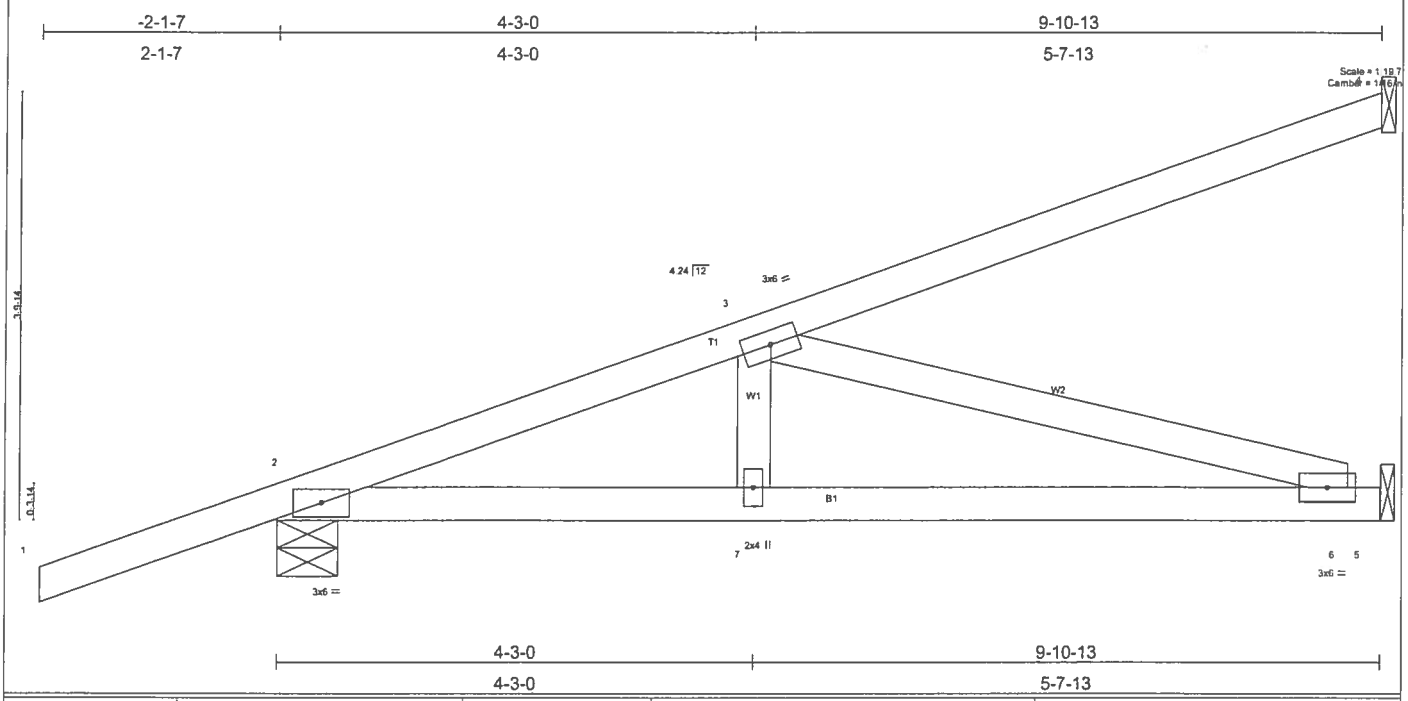
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54
Trapezoidal Loads (plf)
Vert: 2=-4(F=25, B=25)-to-3=-93(F=-20, B=-20), 2=0(F=15, B=15)-to-4=-52(F=-11, B=-11)

APRIL 06, 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

Dwg.#0406061137

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	HJ9	MONO TRUSS	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:52:25 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	0.57	Vert(TL)	-0.17	6-7	>694	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.49	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 5-11-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-10-2 oc bracing.

REACTIONS (lb/size) 4=267/Mechanical, 2=488/0-6-7, 5=385/Mechanical
Max Horz 2=253(load case 2)
Max Uplift4=-229(load case 2), 2=-231(load case 2), 5=-76(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-926/174, 3-4=-104/65
BOT CHORD 2-7=-365/861, 6-7=-365/861, 5-6=0/0
WEBS 3-7=0/195, 3-6=-895/379

NOTES
1) Wind: ASCE 7-02; 110mph (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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 4, 231 lb uplift at joint 2 and 76 lb uplift at joint 5.
4) 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=-4(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=-22)

APRIL 06, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0406061138

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T01	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:55:54 2006 Page 1

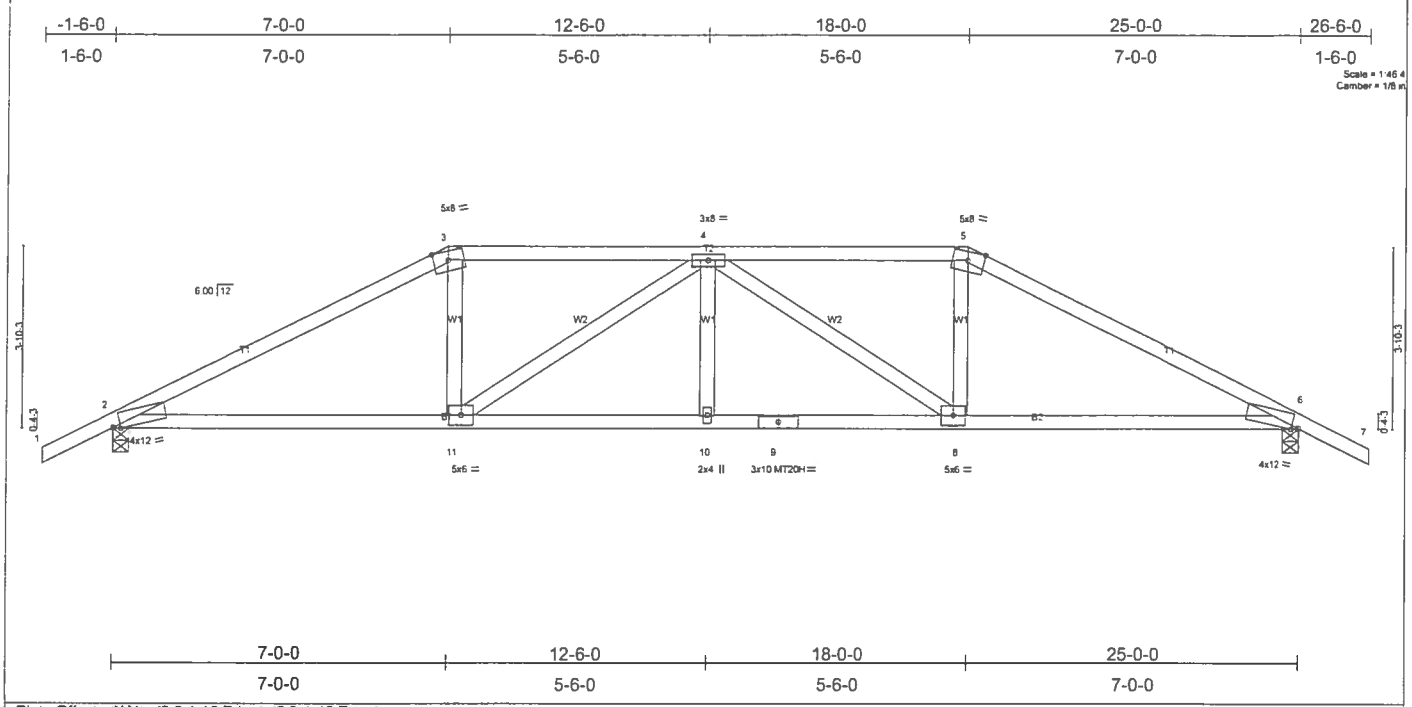


Plate Offsets (X,Y): [2:0-1-13,Edge], [6:0-1-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.25	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.41	10-11	>726	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.71	Horz(TL)	0.14	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 115 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 2-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-11-9 oc bracing.

REACTIONS (lb/size) 2=2199/0-4-0, 6=2199/0-4-0
Max Horz 2=-78(load case 5)
Max Uplift2=-949(load case 4), 6=-949(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-4126/1687, 3-4=-3652/1561, 4-5=-3652/1561, 5-6=-4126/1687, 6-7=0/35
BOT CHORD 2-11=-1470/3597, 10-11=-1832/4390, 9-10=-1832/4390, 8-9=-1832/4390, 6-8=-1426/3597
WEBS 3-11=-486/1379, 4-11=-1002/500, 4-10=0/348, 4-8=-1002/500, 5-8=-486/1379

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 949 lb uplift at joint 2 and 949 lb uplift at joint 6.
6) Girder carries hip end with 7-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 18-0-0, and 539 lb down and 277 lb up at 7-0-0 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, 3-5=-117(F=-63), 5-7=-54, 2-11=-30, 8-11=-65(F=-35), 6-8=-30
Concentrated Loads (lb)
Vert: 11=-539(F) 8=-539(F)

APRIL 06, 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

Dwg.#0406061139

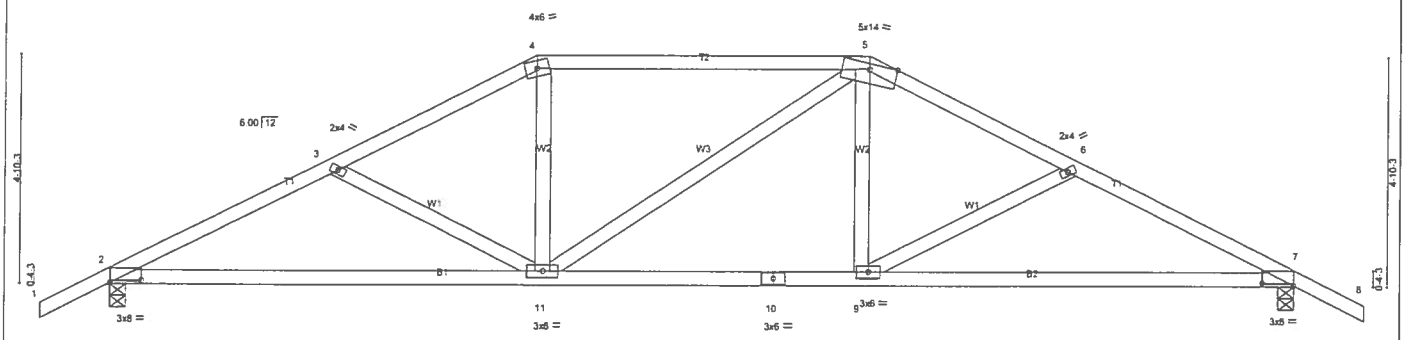
Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T02	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:55:44 2006 Page 1

-1-6-0 | 4-9-4 | 9-0-0 | 16-0-0 | 20-2-12 | 25-0-0 | 26-6-0

1-6-0 | 4-9-4 | 4-2-12 | 7-0-0 | 4-2-12 | 4-9-4 | 1-6-0

Scale = 1:46.4
Camber = 1/8 in



9-0-0 | 16-0-0 | 25-0-0

9-0-0 | 7-0-0 | 9-0-0

Plate Offsets (X,Y): [2:0-8-0,0-0-10], [7:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	-0.19	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.32	7-9	>921	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.13	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 121 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 4-4-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-6-13 oc bracing.

REACTIONS (lb/size) 2=1126/0-4-0, 7=1126/0-4-0
Max Horz 2=92(load case 5)
Max Uplift2=-410(load case 5), 7=-410(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1778/764, 3-4=-1545/659, 4-5=-1353/647, 5-6=-1545/659, 6-7=-1778/764, 7-8=0/35
BOT CHORD 2-11=-542/1545, 10-11=-358/1353, 9-10=-358/1353, 7-9=-542/1545
WEBS 3-11=-230/209, 4-11=-48/344, 5-11=-118/119, 5-9=-47/344, 6-9=-230/208

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 410 lb uplift at joint 2 and 410 lb uplift at joint 7.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061140

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T03	HIP	1	1	Job Reference (optional)

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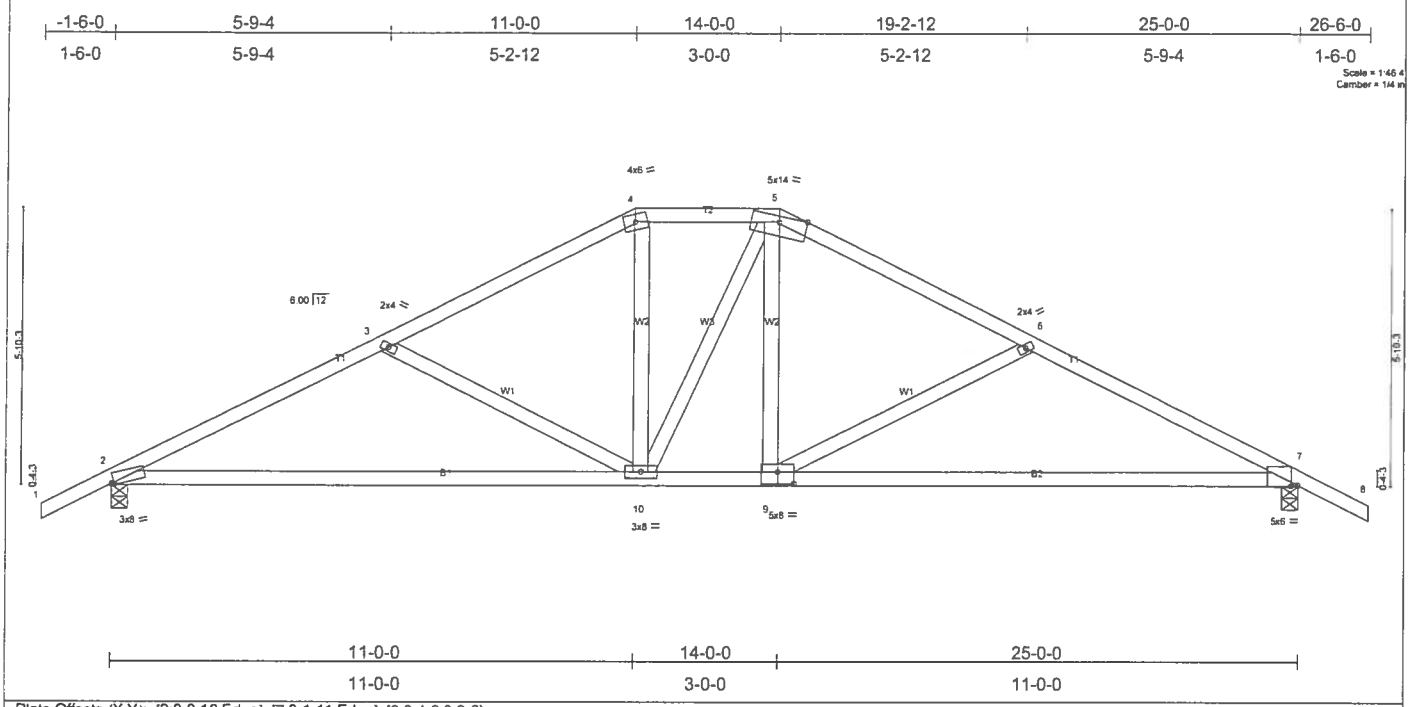


Plate Offsets (X,Y): [2:0-0-10,Edge], [7:0-1-11,Edge], [9:0-4-0,0-3-0]

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)	-0.36	7-9	>831	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.69	Vert(TL)	-0.61	7-9	>484	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 126 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 4-1-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-13 oc bracing.

REACTIONS (lb/size) 2=1126/0-4-0, 7=1126/0-4-0
Max Horz 2=-106(load case 6)
Max Uplift2=-424(load case 5), 7=-424(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1727/779, 3-4=-1386/614, 4-5=-1182/608, 5-6=-1385/614, 6-7=-1727/779, 7-8=0/35
BOT CHORD 2-10=-548/1506, 9-10=-268/1181, 7-9=-548/1506
WEBS 3-10=-377/317, 4-10=-104/384, 5-10=-130/136, 5-9=-104/384, 6-9=-378/318

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 424 lb uplift at joint 2 and 424 lb uplift at joint 7.

LOAD CASE(S) Standard

APRIL 06, 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

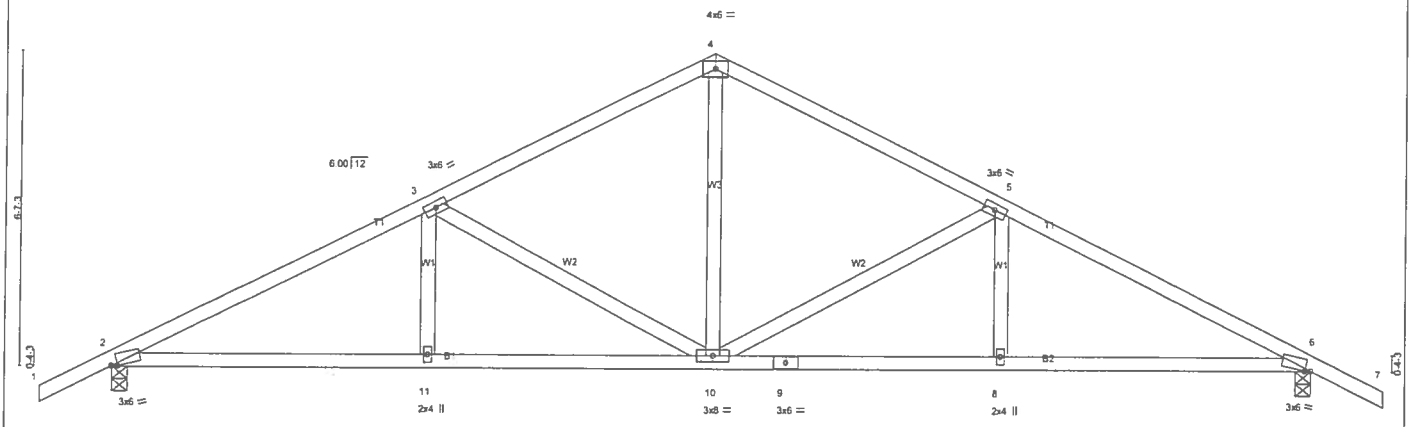
Dwg.#0406061141

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T04	COMMON	8	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:57:17 2006 Page 1

-1-6-0 | 6-6-4 | 12-6-0 | 18-5-12 | 25-0-0 | 26-6-0
1-6-0 | 6-6-4 | 5-11-12 | 5-11-12 | 6-6-4 | 1-6-0

Scale = 1:45.9
Camber = 1/16 in



6-6-4 | 12-6-0 | 18-5-12 | 25-0-0
6-6-4 | 5-11-12 | 5-11-12 | 6-6-4

Plate Offsets (X,Y): [2:0-1-9,0-0-7], [6:0-1-9,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.10	6-8	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.16	6-8	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 121 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 4-4-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-14 oc bracing.

REACTIONS (lb/size) 2=1126/0-4-0, 6=1126/0-4-0
Max Horz 2=-116(load case 6)
Max Uplift2=-433(load case 5), 6=-433(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1814/749, 3-4=-1238/604, 4-5=-1238/604, 5-6=-1814/749, 6-7=0/35
BOT CHORD 2-11=-513/1546, 10-11=-513/1546, 9-10=-513/1546, 8-9=-513/1546, 6-8=-513/1546
WEBS 3-11=0/208, 3-10=-598/327, 4-10=-280/727, 5-10=-598/327, 5-8=0/208

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 mechanical connection (by others) of truss to bearing plate capable of withstanding 433 lb uplift at joint 2 and 433 lb uplift at joint 6.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061142

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T05	MONO HIP	1	1	Job Reference (optional)

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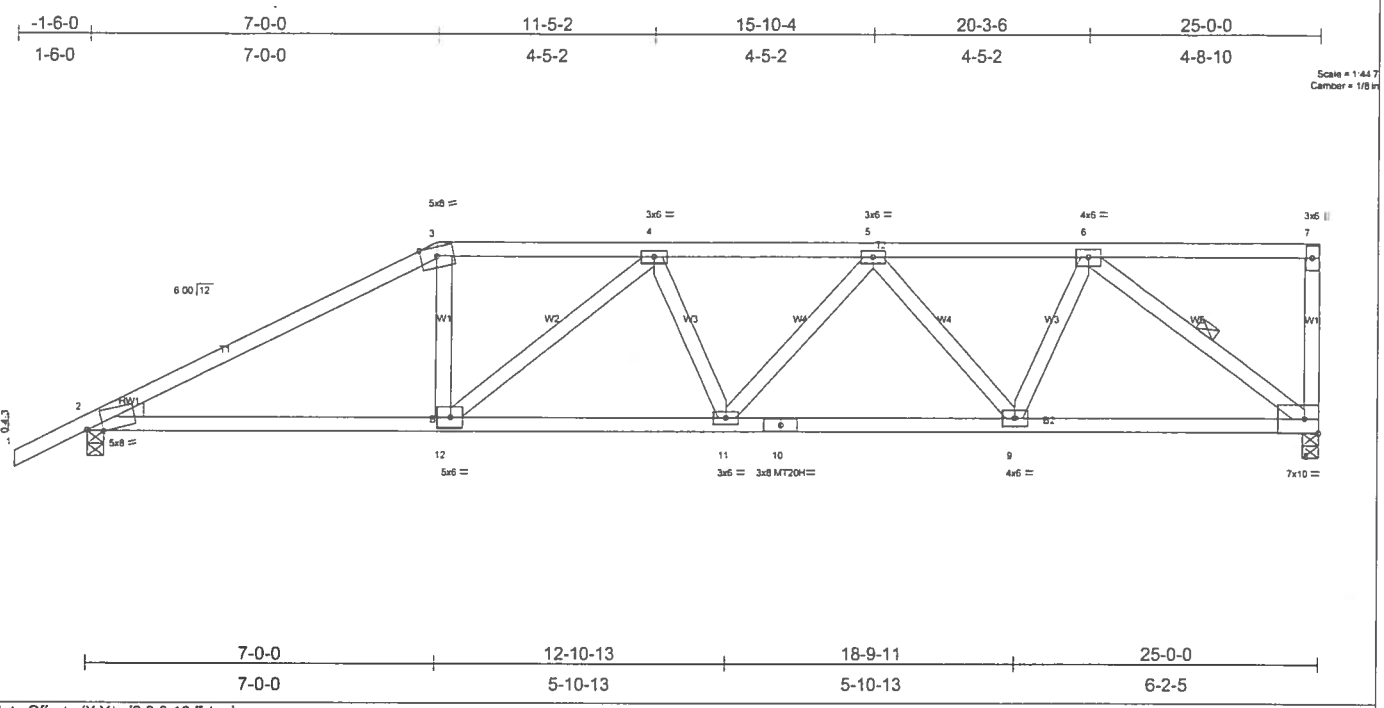

Plate Offsets (X,Y) [2:0-3-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.25	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	1.00	Vert(TL)	-0.40	11-12	>740	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.14	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 129 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
WEDGE
Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-8-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-7-13 oc bracing.
WEBS 1 Row at midpt 6-8

REACTIONS (lb/size) 8=2302/0-4-0, 2=2146/0-4-0
Max Horz 2=210(load case 4)
Max Uplift8=-1035(load case 3), 2=-912(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-4004/1676, 3-4=-3541/1550, 4-5=-4101/1799, 5-6=-3010/1308, 6-7=-95/29, 7-8=-264/201
BOT CHORD 2-12=-1530/3486, 11-12=-1867/4109, 10-11=-1724/3771, 9-10=-1724/3771, 8-9=-1137/2467
WEBS 3-12=-510/1326, 4-12=-739/471, 4-11=-22/190, 5-11=-130/517, 5-9=-1191/652, 6-9=-444/1419, 6-8=-3004/1404

NOTES
1) Wind: ASCE 7-02; 110mph (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) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1035 lb uplift at joint 8 and 912 lb uplift at joint 2.
5) Girder carries hip end with 0-0-0 right side setback, 7-0-0 left side setback, and 7-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-3=-54, 3-7=-117(F=-63), 2-12=-30, 8-12=-65(F=-35)
Concentrated Loads (lb)
Vert: 12=-539(F)

APRIL 06, 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

Dwg.#0406061143

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T06	MONO HIP	1	1	Job Reference (optional)

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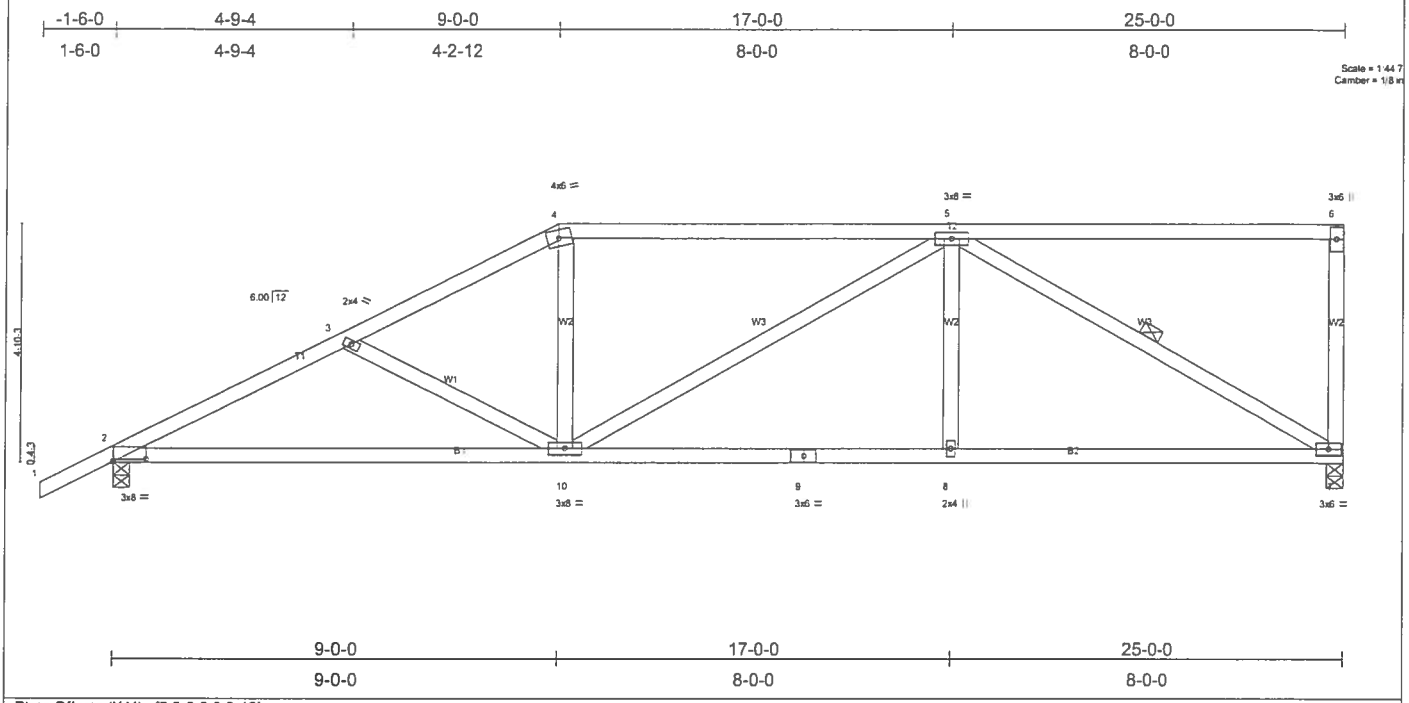

Plate Offsets (X,Y): [2:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.17	2-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.29	2-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.06	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 131 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 4-4-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-1-11 oc bracing.
WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 7=1034/0-4-0, 2=1130/0-4-0
Max Horz 2=256(load case 5)
Max Uplift7=-374(load case 4), 2=-398(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1789/713, 3-4=-1564/613, 4-5=-1373/607, 5-6=-73/27, 6-7=-196/138
BOT CHORD 2-10=-786/1553, 9-10=-556/1313, 8-9=-556/1313, 7-8=-556/1313
WEBS 3-10=-214/202, 4-10=-11/332, 5-10=-84/89, 5-8=0/227, 5-7=-1433/611

NOTES
1) Wind: ASCE 7-02; 110mph (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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 374 lb uplift at joint 7 and 398 lb uplift at joint 2.

LOAD CASE(S) Standard

APRIL 06, 2006 TRUSS DESIGN ENGINEER:
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STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg.#0406061144

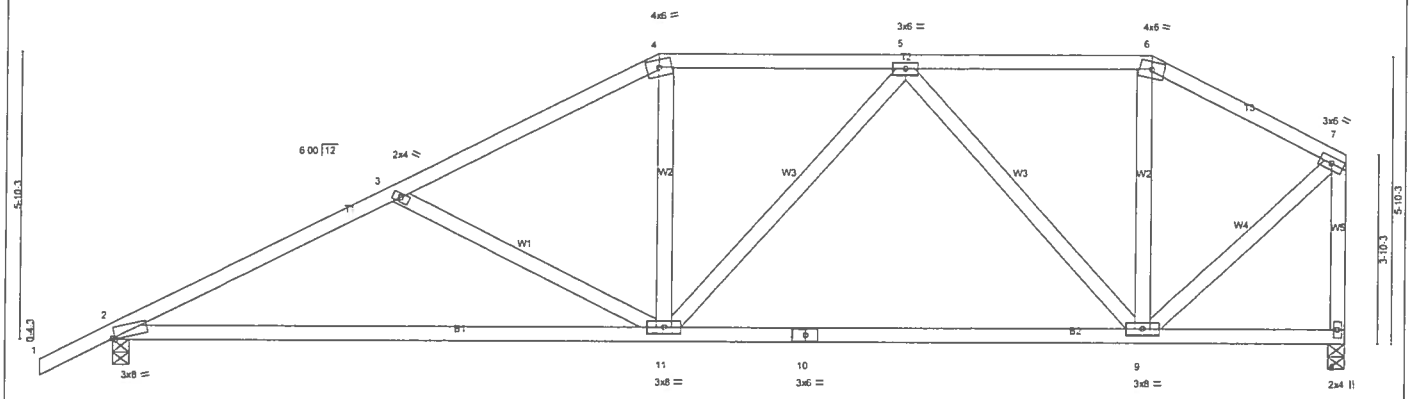
Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T07	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 14:59:00 2006 Page 1

-1-6-0 | 5-9-4 | 11-0-0 | 16-0-0 | 21-0-0 | 25-0-0

1-6-0 | 5-9-4 | 5-2-12 | 5-0-0 | 5-0-0 | 4-0-0

Scale = 1:44.7
Camber = 1/4 in



11-0-0 | 21-0-0 | 25-0-0

11-0-0 | 10-0-0 | 4-0-0

Plate Offsets (X,Y): [2:0-0-10,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	0.40	Vert(LL)	-0.31	2-11	>964	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.68	Vert(TL)	-0.53	2-11	>562	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 138 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 4-2-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=1130/0-4-0, 8=1034/0-4-0
Max Horz 2=240(load case 5)
Max Uplift2=-417(load case 5), 8=-270(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1741/741, 3-4=-1409/579, 4-5=-1205/578, 5-6=-666/349, 6-7=-782/338, 7-8=-1009/435
BOT CHORD 2-11=-755/1515, 10-11=-444/1053, 9-10=-444/1053, 8-9=-14/11
WEBS 3-11=-360/311, 4-11=-35/331, 5-11=-77/244, 5-9=-614/293, 6-9=0/136, 7-9=-320/878

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 417 lb uplift at joint 2 and 270 lb uplift at joint 8.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061145

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T08	HIP	1	1	Job Reference (optional)

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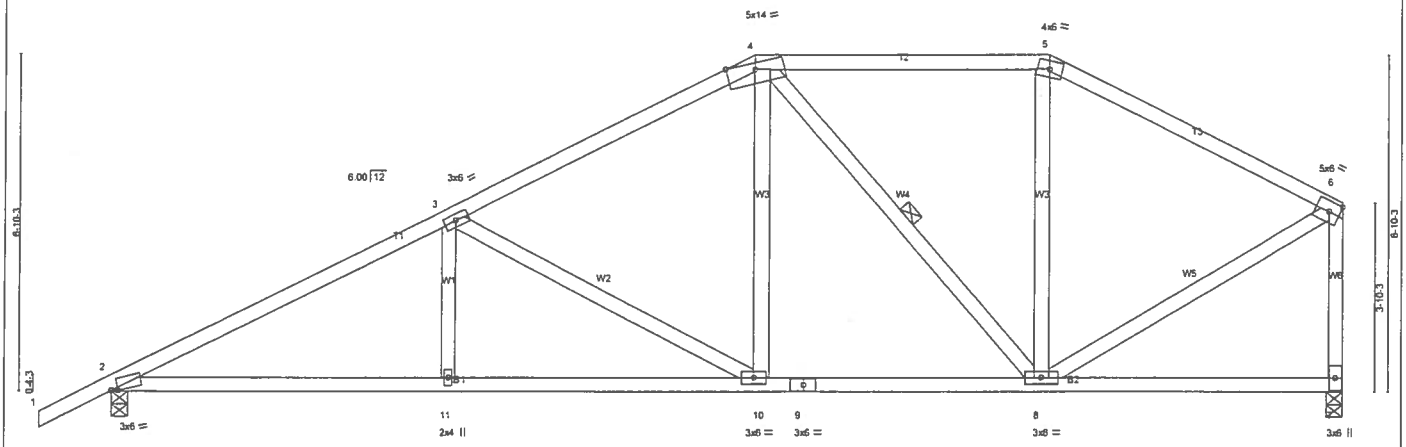
-1-6-0 | 6-9-4 | 13-0-0 | 19-0-0 | 25-0-0
1-6-0 | 6-9-4 | 6-2-12 | 6-0-0 | 6-0-0

Scale = 1:44.7
Camber = 1/16 in



6-9-4 | 13-0-0 | 19-0-0 | 25-0-0
6-9-4 | 6-2-12 | 6-0-0 | 6-0-0

Plate Offsets (X,Y): [2:0-1-9,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.10	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.16	2-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.56	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 141 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 4-4-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-11 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 2=1130/0-4-0, 7=1034/0-4-0
Max Horz 2=254(load case 5)
Max Uplift2=-428(load case 5), 7=-290(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1812/711, 3-4=-1195/548, 4-5=-752/439, 5-6=-906/417, 6-7=-944/456
BOT CHORD 2-11=-719/1543, 10-11=-719/1543, 9-10=-408/1009, 8-9=-408/1009, 7-8=-33/53
WEBS 3-11=0/223, 3-10=-618/355, 4-10=-134/467, 4-8=-441/178, 5-8=-31/128, 6-8=-301/814

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 428 lb uplift at joint 2 and 290 lb uplift at joint 7.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061146

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T09	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 15:00:17 2006 Page 1

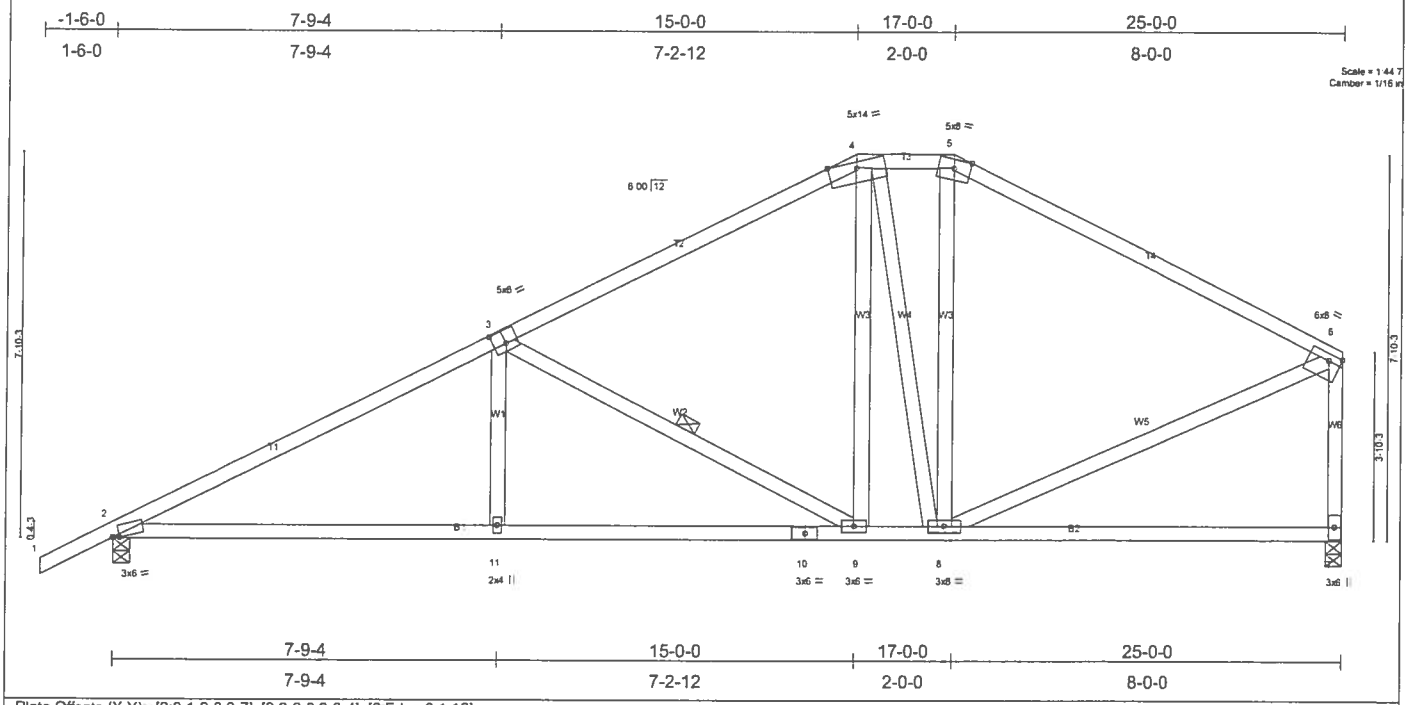


Plate Offsets (X,Y) [2:0-1-9,0-0-7], [3:0-3-0,0-3-4], [6:Edge,0-1-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.89	Vert(LL)	-0.14	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.24	2-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 149 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 4-2-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-3 oc bracing.
WEBS 1 Row at midpt 3-9

REACTIONS (lb/size) 2=1130/0-4-0, 7=1034/0-4-0
Max Horz 2=268(load case 5)
Max Uplift2=-437(load case 5), 7=-306(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1767/704, 3-4=-1023/502, 4-5=-787/501, 5-6=-972/462, 6-7=-910/470
BOT CHORD 2-11=-699/1496, 10-11=-700/1490, 9-10=-700/1490, 8-9=-323/836, 7-8=-64/108
WEBS 3-11=0/270, 3-9=-754/433, 4-9=-191/448, 4-8=-356/153, 5-8=-84/271, 6-8=-261/742

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 437 lb uplift at joint 2 and 306 lb uplift at joint 7.

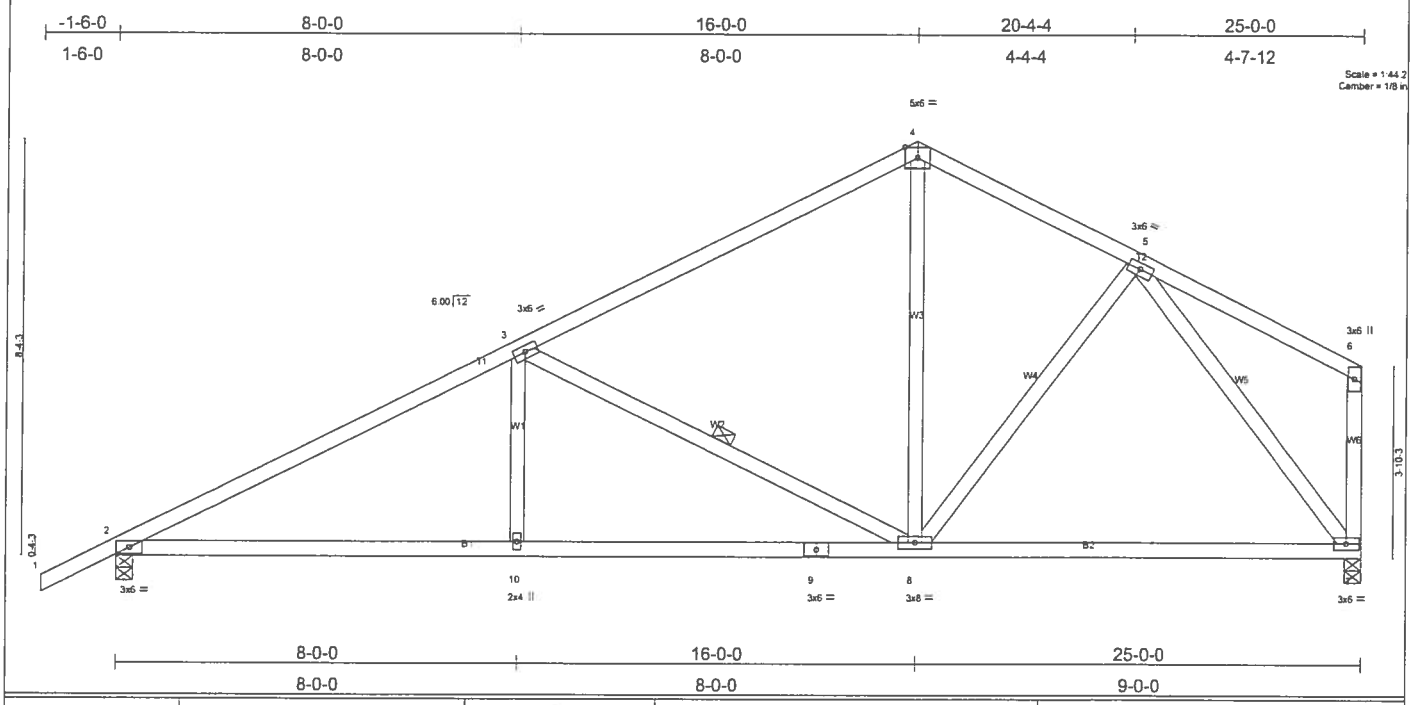
LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061147

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T10	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 15:00:55 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	0.59	Vert(LL)	-0.16	2-10	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.26	2-10	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.85	Horz(TL)	0.05	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 137 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 4-2-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-14 oc bracing.
WEBS 1 Row at midpt 3-8

REACTIONS (lb/size) 2=1130/0-4-0, 7=1034/0-4-0
Max Horz 2=275(load case 5)
Max Uplift2=-440(load case 5), 7=-313(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1756/712, 3-4=-973/480, 4-5=-907/502, 5-6=-140/84, 6-7=-168/126
BOT CHORD 2-10=-706/1487, 9-10=-706/1487, 8-9=-706/1487, 7-8=-281/630
WEBS 3-10=0/263, 3-8=-801/469, 4-8=-146/419, 5-8=-56/310, 5-7=-923/446

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 mechanical connection (by others) of truss to bearing plate capable of withstanding 440 lb uplift at joint 2 and 313 lb uplift at joint 7.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061148

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T11	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 15:01:29 2006 Page 1

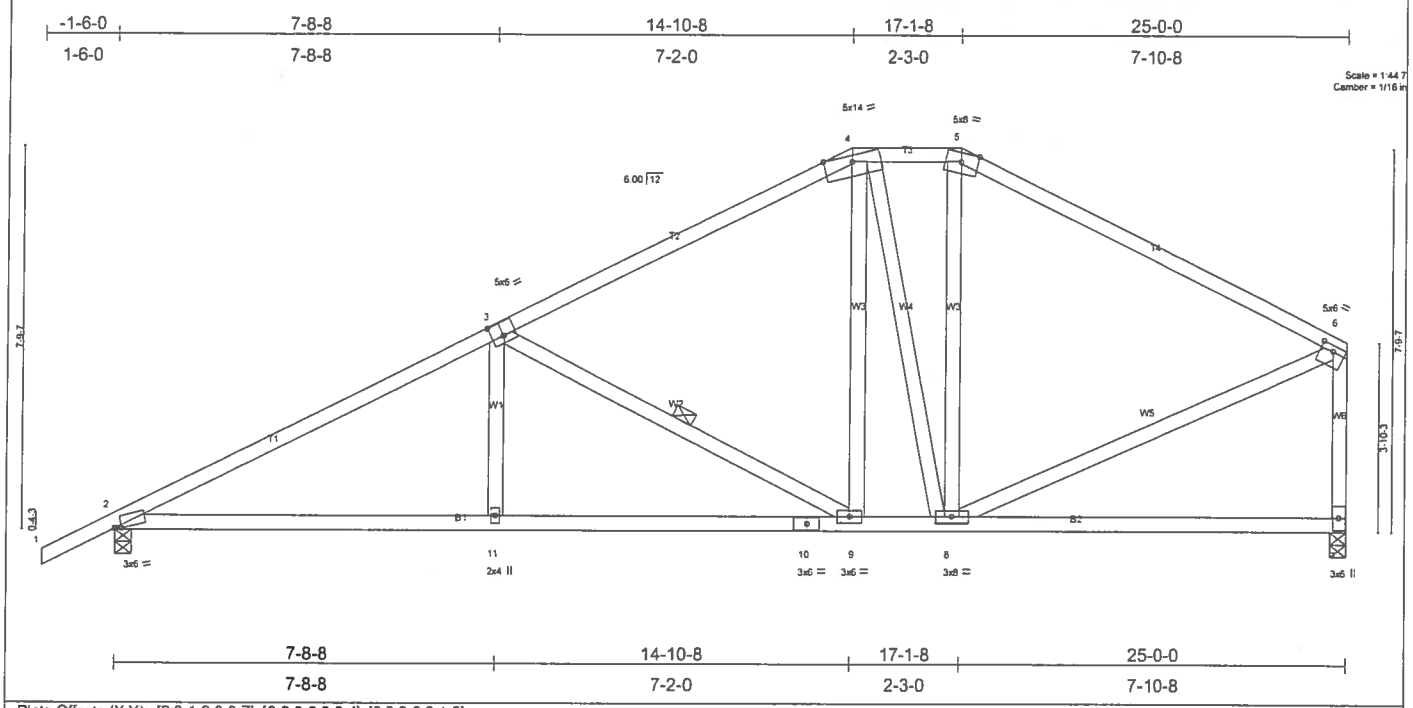


Plate Offsets (X,Y): [2:0-1-9,0-0-7], [3:0-3-0,0-3-4], [6:0-3-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.87	Vert(LL)	-0.14	2-11	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.23	2-11	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 148 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 4-2-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-3 oc bracing.
WEBS 1 Row at midpt 3-9

REACTIONS (lb/size) 2=1130/0-4-0, 7=1034/0-4-0
Max Horz 2=267(load case 5)
Max Uplift2=-436(load case 5), 7=-305(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1770/705, 3-4=-1033/505, 4-5=-784/497, 5-6=-968/459, 6-7=-911/469
BOT CHORD 2-11=-701/1499, 10-11=-702/1494, 9-10=-702/1494, 8-9=-328/846, 7-8=-62/106
WEBS 3-11=0/268, 3-9=-748/430, 4-9=-187/455, 4-8=-361/154, 5-8=-68/260, 6-8=-262/744

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind. ASCE 7-02; 110mph (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 436 lb uplift at joint 2 and 305 lb uplift at joint 7.

LOAD CASE(S) Standard

APRIL 06, 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

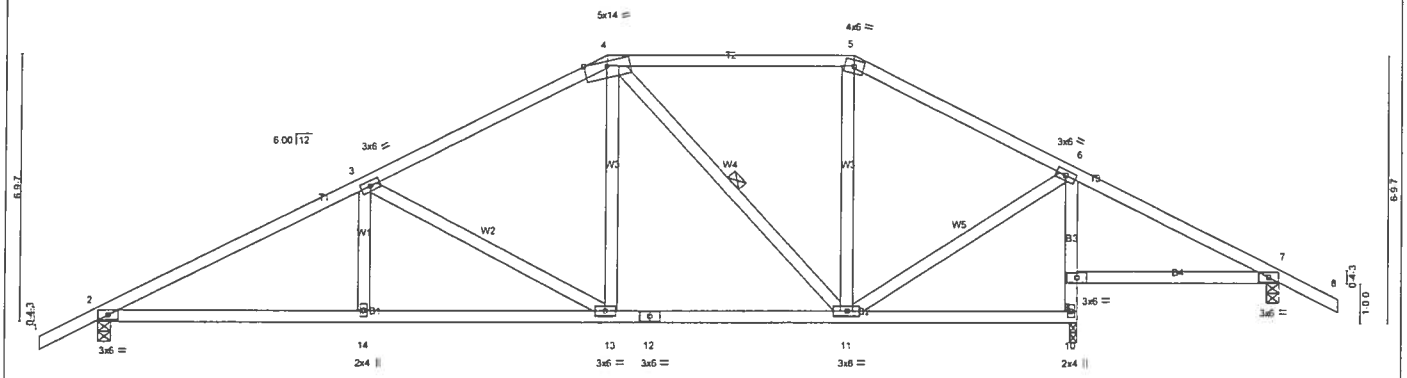
Dwg.#0406061149

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T12	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 15:02:51 2006 Page 1

-1-6-0	6-8-8	12-10-8	19-1-8	24-10-4	30-0-0	31-6-0
1-6-0	6-8-8	6-2-0	6-3-0	5-8-12	5-1-12	1-6-0

Scale = 1:55.9



6-8-8	12-10-8	19-1-8	24-9-2	24-10-4	30-0-0
6-8-8	6-2-0	6-3-0	5-7-10	0-1-2	5-1-12

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	-0.10	2-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.16	2-14	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 159 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B3 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-8-13 oc bracing.
WEBS 1 Row at mldpt 4-11

REACTIONS (lb/size) 2=1108/0-4-0, 10=1319/0-2-4, 7=245/0-4-0
Max Horz 2=151(load case 5)
Max Uplift2=-427(load case 5), 10=-422(load case 6), 7=-239(load case 6)
Max Grav 2=1108(load case 1), 10=1319(load case 1), 7=266(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1767/719, 3-4=-1160/559, 4-5=-684/444, 5-6=-832/430, 6-7=-40/130, 7-8=0/35
BOT CHORD 2-14=-535/1503, 13-14=-535/1503, 12-13=-231/979, 11-12=-231/979, 10-11=-52/115, 9-10=-1240/685, 6-9=-1145/569, 7-9=-53/111
WEBS 3-14=0/219, 3-13=-607/349, 4-13=-128/465, 4-11=-471/181, 5-11=-43/98, 6-11=-265/874

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 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 adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 427 lb uplift at joint 2, 422 lb uplift at joint 10 and 239 lb uplift at joint 7.

LOAD CASE(S) Standard

APRIL 06, 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

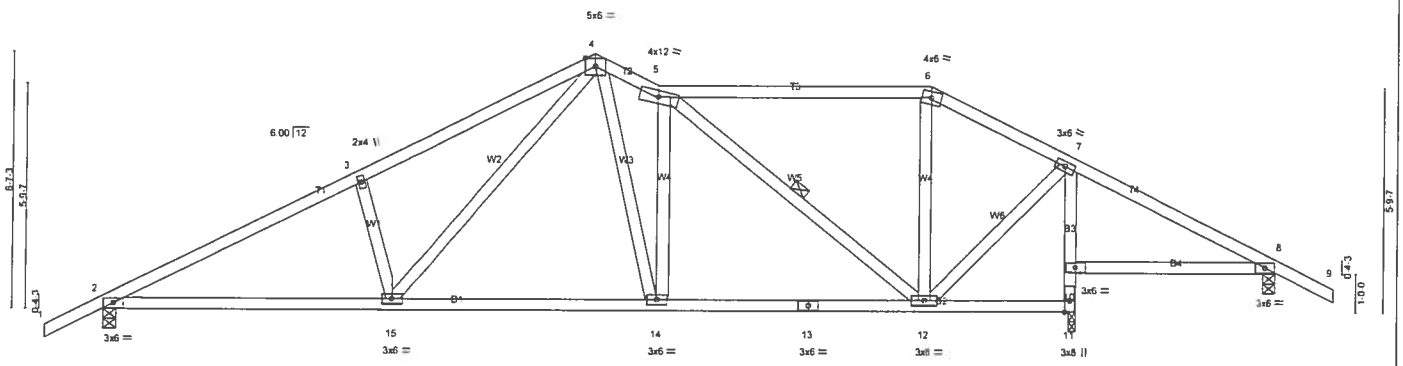
Dwg.#0406061150

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T13	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 16:22:13 2006 Page 1

-1-6-0	6-6-4	12-6-0	14-1-8	21-1-8	24-10-4	30-0-0	31-6-0
1-6-0	6-6-4	5-11-12	1-7-8	7-0-0	3-8-12	5-1-12	1-6-0

Scale = 1:56.5
Camber = 1/16 in



7-4-0	14-1-8	21-1-8	24-9-2	24-10-4	30-0-0
7-4-0	6-9-8	7-0-0	3-7-10	0-1-2	5-1-12

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)	0.21	2-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.19	2-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.04	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 165 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B3 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-5-11 oc bracing.
WEBS 1 Row at midpt 5-12

REACTIONS (lb/size) 2=1100/0-4-0, 11=1364/0-2-4, 8=208/0-4-0
Max Horz 2=148(load case 5)
Max Uplift2=-734(load case 5), 11=-715(load case 6), 8=-184(load case 6)
Max Grav 2=1100(load case 1), 11=1364(load case 1), 8=229(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1741/1670, 3-4=-1650/1761, 4-5=-1277/1425, 5-6=-548/733, 6-7=-644/766, 7-8=-38/209, 8-9=0/35
BOT CHORD 2-15=-1390/1484, 14-15=-810/971, 13-14=-975/1116, 12-13=-975/1116, 11-12=-146/128, 10-11=-1340/1074, 7-10=-1237/1076, 8-10=-127/145
WEBS 3-15=-313/317, 4-15=-789/690, 4-14=-660/661, 5-14=-435/363, 5-12=-727/675, 6-12=-112/89, 7-12=-804/977

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 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 at joint(s) 11.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 734 lb uplift at joint 2, 715 lb uplift at joint 11 and 184 lb uplift at joint 8.

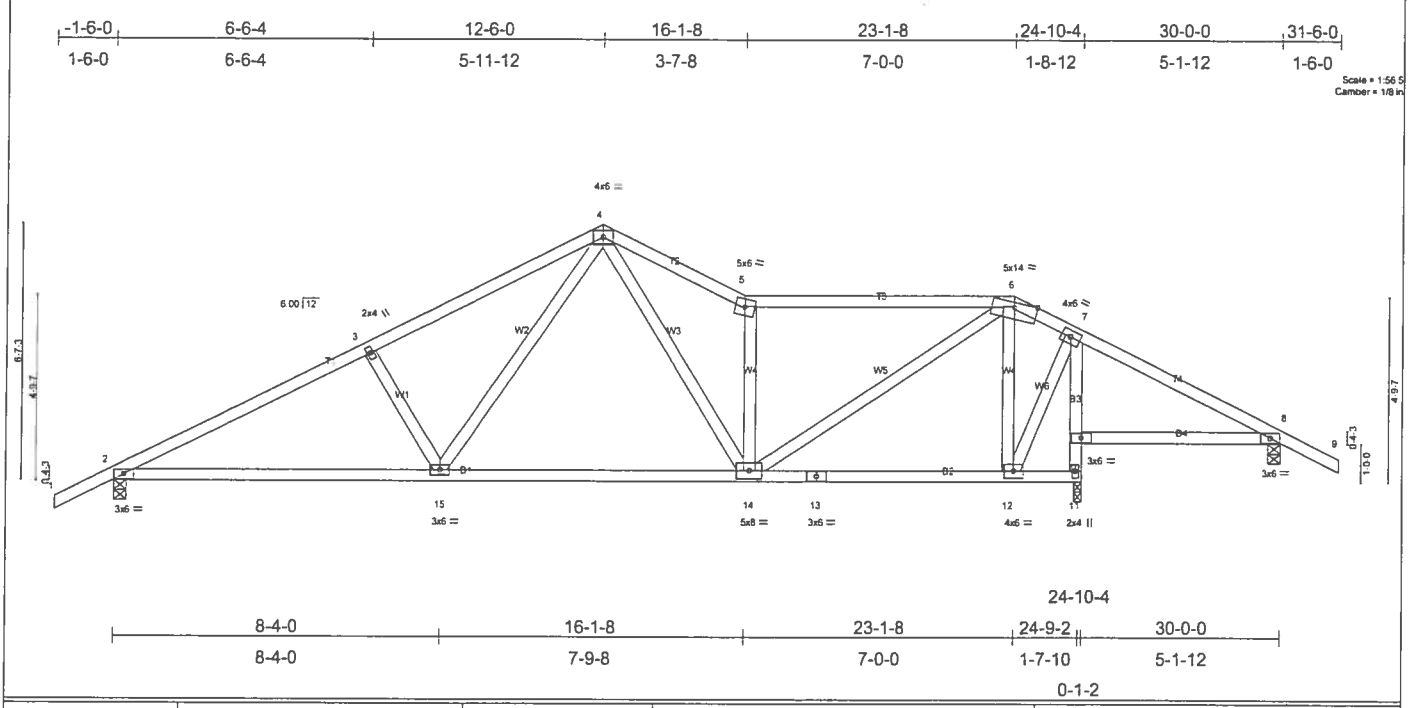
LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061151

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T14	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Tue Apr 04 16:08:33 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	0.36	Vert(LL)	-0.15	2-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.25	2-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.03	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 160 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B3 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-2-13 oc bracing.

REACTIONS (lb/size) 2=1095/0-4-0, 11=1396/0-2-4, 8=181/0-4-0
Max Horz 2=148(load case 5)
Max Uplift2=-426(load case 5), 11=-474(load case 6), 8=-246(load case 6)
Max Grav 2=1095(load case 1), 11=1396(load case 1), 8=208(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1695/741, 3-4=-1538/747, 4-5=-1438/776, 5-6=-1215/627, 6-7=-301/249, 7-8=-21/264, 8-9=0/35
BOT CHORD 2-15=-558/1460, 14-15=-258/947, 13-14=-59/258, 12-13=-59/258, 11-12=-183/135, 10-11=-1448/672, 7-10=-1345/550, 8-10=-174/108
WEBS 3-15=-318/307, 4-15=-264/651, 4-14=-307/638, 5-14=-907/547, 6-14=-452/1144, 6-12=-795/351, 7-12=-375/1098

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 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 adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 11.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 426 lb uplift at joint 2, 474 lb uplift at joint 11 and 246 lb uplift at joint 8.

LOAD CASE(S) Standard

APRIL 06, 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

Dwg.#0406061152

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T15	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Apr 05 08:24:41 2006 Page 1

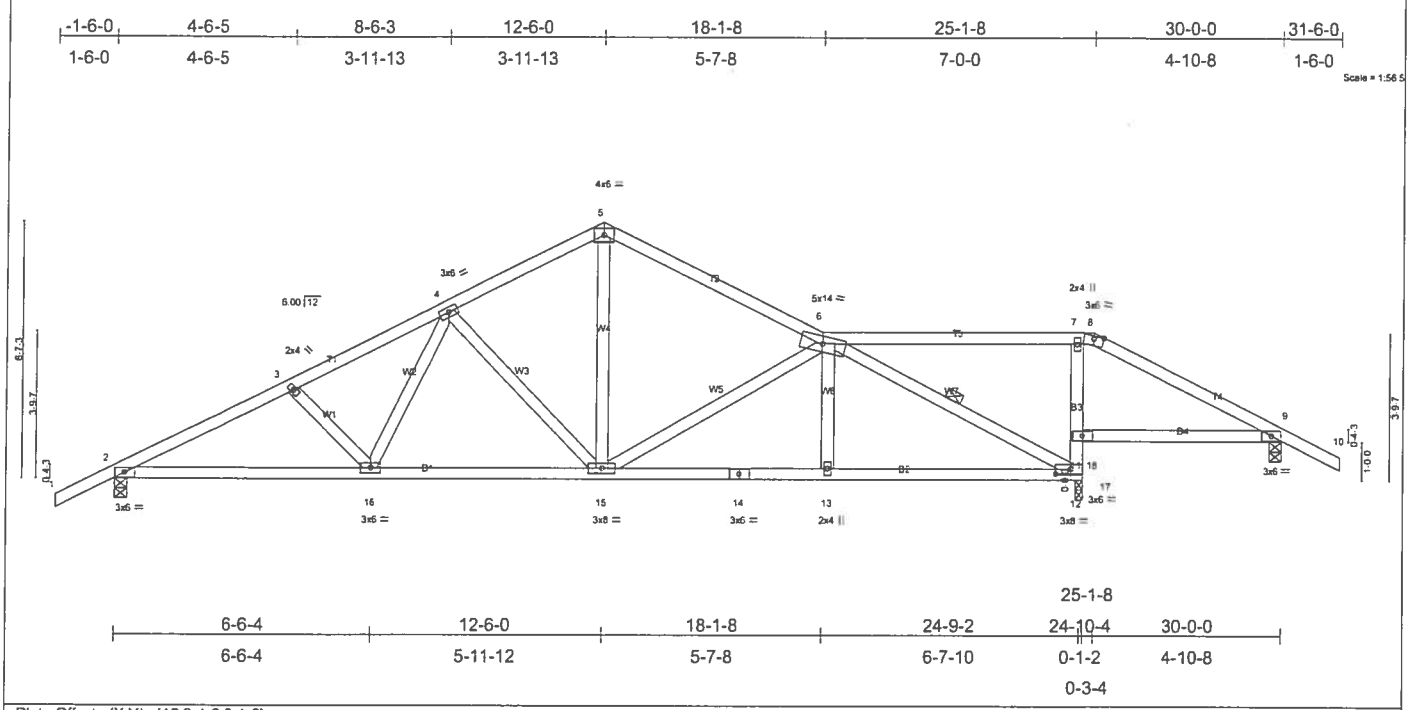


Plate Offsets (X,Y): [12:0-4-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.09	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.75	Vert(TL)	-0.15	15-16	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.46	Horz(TL)	0.06	17	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 156 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
B3 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-6-7 oc bracing.
WEBS 1 Row at midpt 6-12

REACTIONS (lb/size) 2=1091/0-4-0, 9=189/0-4-0, 17=1689/0-2-4
Max Horz 2=148(load case 4)
Max Uplift2=-420(load case 4), 9=-225(load case 5), 17=-704(load case 5)
Max Grav 2=1091(load case 1), 9=217(load case 9), 17=1689(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1781/553, 3-4=-1623/521, 4-5=-1123/423, 5-6=-1151/404, 6-7=-37/138, 7-8=-56/157, 8-9=-93/236, 9-10=0/35
BOT CHORD 2-16=-528/1532, 15-16=-373/1252, 14-15=-336/1314, 13-14=-336/1314, 12-13=-334/1322, 12-17=-1689/704, 11-12=-824/488, 7-11=-611/353, 11-18=-157/113, 9-18=-157/113
WEBS 3-16=-188/171, 4-16=-90/365, 4-15=-440/240, 5-15=-205/693, 6-15=-446/253, 6-13=0/190, 6-12=-1651/504

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 17.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 420 lb uplift at joint 2, 225 lb uplift at joint 9 and 704 lb uplift at joint 17.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 184 lb down and 124 lb up at 25-1-8 on top chord, and 113 lb down and 76 lb up at 25-1-8 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: 1-5=-54, 5-6=-54, 6-8=-54, 8-10=-54, 2-12=-30, 9-11=-30
Concentrated Loads (lb)
Vert: 8=-184(B) 18=-113(B)

APRIL 06, 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

Dwg.#0406061153

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T16	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Apr 05 08:11:47 2006 Page 1

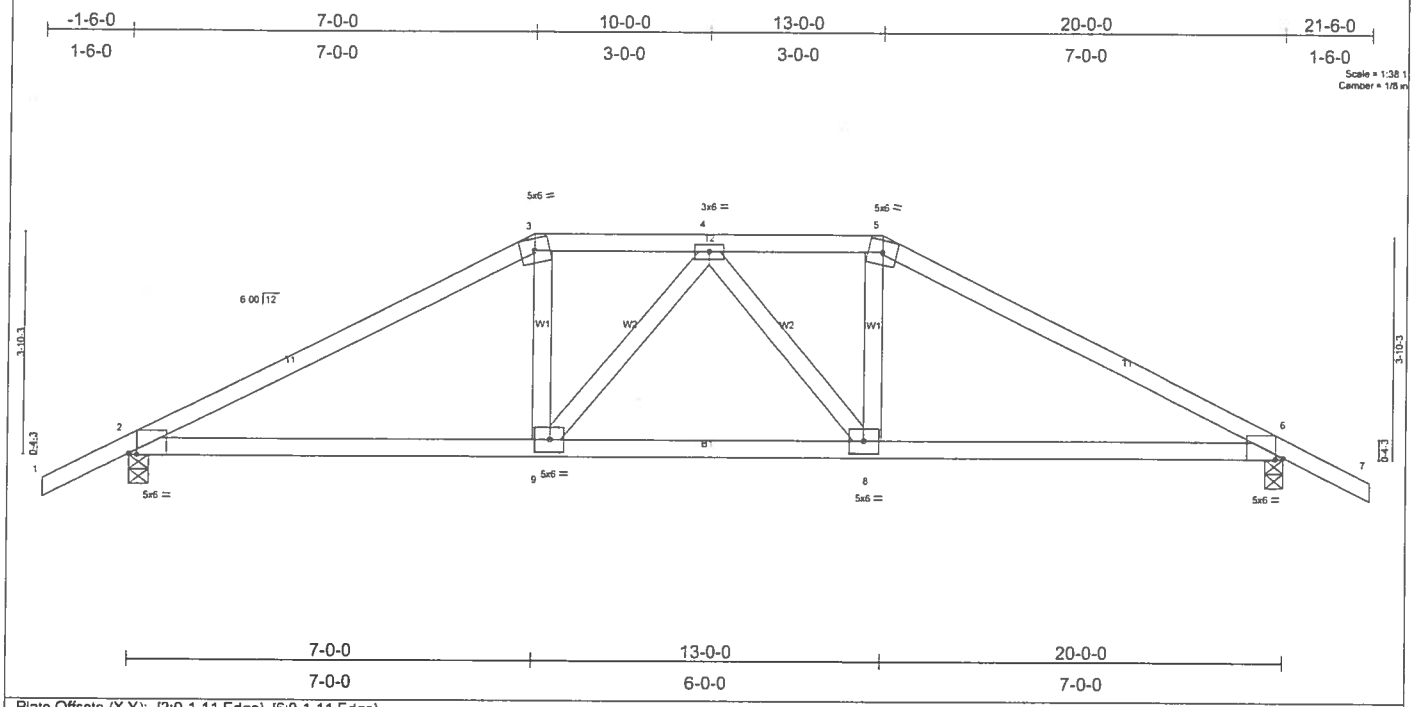


Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.51	Vert(LL)	-0.16	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.26	8-9	>909	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.09	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 90 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 3-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-2 oc bracing.

REACTIONS (lb/size) 2=1744/0-4-0, 6=1744/0-4-0
Max Horz 2=78(load case 4)
Max Uplift2=-775(load case 4), 6=-775(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-3131/1272, 3-4=-2750/1211, 4-5=-2750/1211, 5-6=-3131/1272, 6-7=0/35
BOT CHORD 2-9=-1067/2710, 8-9=-1145/2829, 6-8=-1023/2710
WEBS 3-9=-384/1042, 4-9=-258/223, 4-8=-258/223, 5-8=-384/1042

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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.
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 775 lb uplift at joint 2 and 775 lb uplift at joint 6.
5) Girder carries hip end with 7-0-0 end setback.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 13-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-3=-54, 3-5=-117(F=-63), 5-7=-54, 2-9=-30, 8-9=-65(F=-35), 6-8=-30
Concentrated Loads (lb)
Vert: 9=-539(F) 8=-539(F)

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Dwg.#0406061154

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T17	HIP	1	1	Job Reference (optional)

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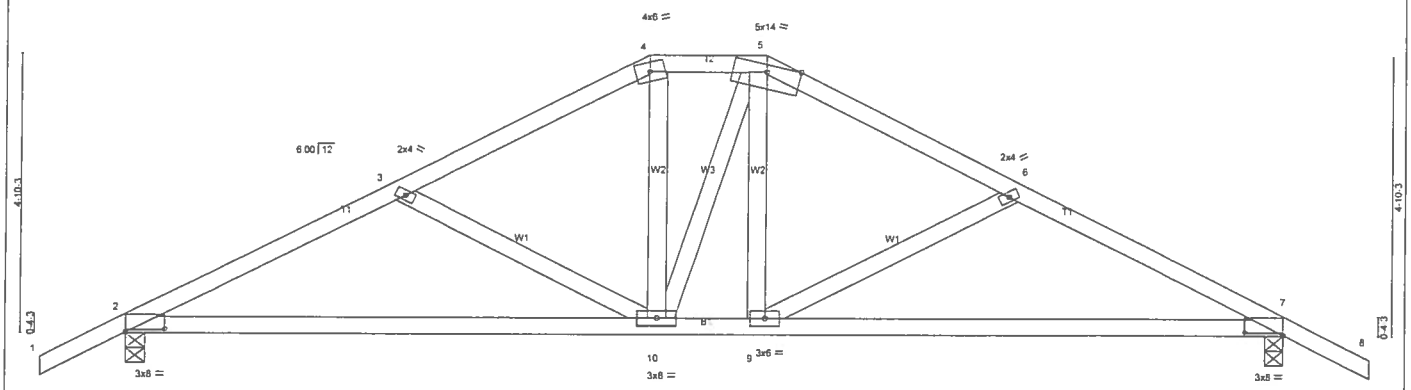
-1-6-0 | 4-9-4 | 9-0-0 | 11-0-0 | 15-2-12 | 20-0-0 | 21-6-0

1-6-0 | 4-9-4 | 4-2-12 | 2-0-0 | 4-2-12 | 4-9-4 | 1-6-0

Scale = 1:38.1
Camber = 1/8 in



9-0-0 | 11-0-0 | 20-0-0

9-0-0 | 2-0-0 | 9-0-0

Plate Offsets (X,Y): [2:0-8-0,0-0-10], [7:0-8-0,0-0-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.16	7-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.28	7-9	>857	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.14	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 102 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 5-1-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-11-14 oc bracing.

REACTIONS (lb/size) 2=916/0-4-0, 7=916/0-4-0
Max Horz 2=92(load case 5)
Max Uplift2=-360(load case 5), 7=-360(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1345/596, 3-4=-1077/470, 4-5=-919/470, 5-6=-1075/470, 6-7=-1345/596, 7-8=0/35
BOT CHORD 2-10=-396/1166, 9-10=-181/917, 7-9=-396/1166
WEBS 3-10=-292/245, 4-10=-79/309, 5-10=-103/114, 5-9=-77/297, 6-9=-295/245

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 360 lb uplift at joint 2 and 360 lb uplift at joint 7.

LOAD CASE(S) Standard

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Dwg.#0406061155

Job	Truss	Truss Type	Qty	Ply	MARTIN - CANNON CREEK-PLACE
L158383	T18	COMMON	6	1	Job Reference (optional)

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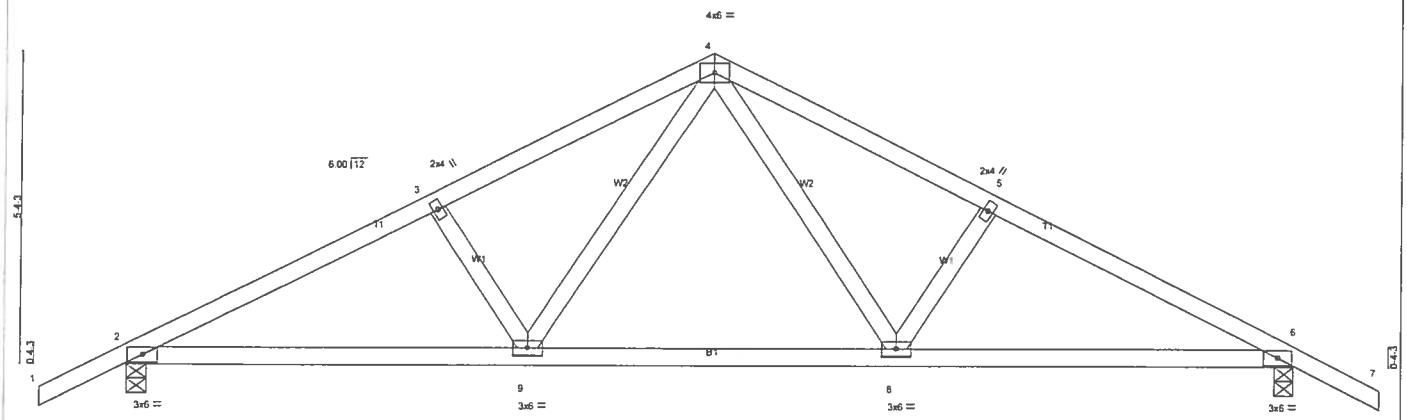
-1-6-0 | 5-3-4 | 10-0-0 | 14-8-12 | 20-0-0 | 21-6-0

1-6-0 | 5-3-4 | 4-8-12 | 4-8-12 | 5-3-4 | 1-6-0

Scale = 1:37.7
Camber = 1/8 in



6-10-3 | 13-1-13 | 20-0-0

6-10-3 | 6-3-11 | 6-10-3

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.16	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.25	8-9	>946	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.22	Horz(TL)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 94 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 4-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-9 oc bracing.

REACTIONS (lb/size) 2=1074/0-4-0, 6=1074/0-4-0
Max Horz 2=-98(load case 6)
Max Uplift2=-425(load case 5), 6=-425(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1749/740, 3-4=-1605/739, 4-5=-1605/739, 5-6=-1749/740, 6-7=0/35
BOT CHORD 2-9=-517/1496, 8-9=-263/1034, 6-8=-517/1496
WEBS 3-9=-227/218, 4-9=-260/677, 4-8=-260/677, 5-8=-227/218

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (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 mechanical connection (by others) of truss to bearing plate capable of withstanding 425 lb uplift at joint 2 and 425 lb uplift at joint 6.
4) 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, 2-9=-30, 8-9=-80(F=-50), 6-8=-30

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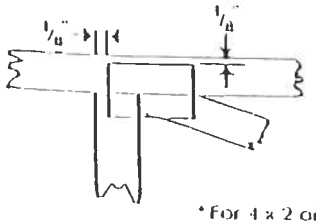
Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



* For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

PLATE SIZE

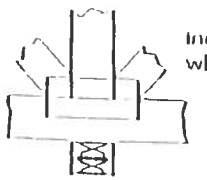
4 X 4

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

LATERAL BRACING

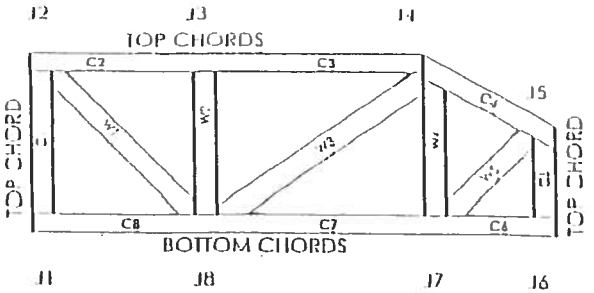
Indicates location of required continuous lateral bracing.

BEARING



Indicates location of joints at which bearings (supports) occur.

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DILHR	960022-W, 970036-H
HER	561

MiTek® TEE-LOK®

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 wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length (± 6" 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 purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses 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 trusses.