



Project Information for: L251203

Address : 16665 CR 138
LAKE CITY, FL
County: COLUMBIA COUNTY
Truss Count: 8
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:
Gravity: **Wind:**

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B
Floor (psf): N/A Wind Speed (mph): 110

Note: See the individual truss drawings for special loading conditions.

Contractor of Record, responsible for structural engineering:

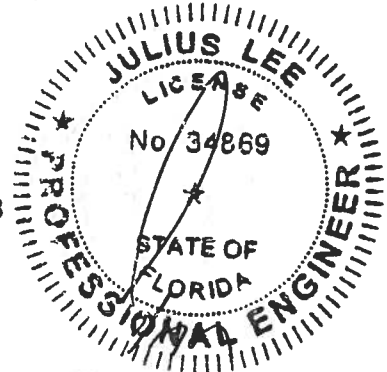
WILLIAM CASON Florida License No. CBC060151

Address: 10 NW 15 ST, ALACHUA COUNTY,

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869

Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

September 17, 2007



Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-2002 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elements in the web and chord planes. See Florida Administrative Code 61G15-31.003 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Date
1	J1891891	EJ4	9/17/07
2	J1891892	EJ6	9/17/07
3	J1891893	T01	9/17/07
4	J1891894	T01G	9/17/07
5	J1891895	T02	9/17/07
6	J1891896	T02G	9/17/07
7	J1891897	T04G	9/17/07
8	J1891898	T05G	9/17/07



Project Information for: L251203

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LAKE CITY, FL
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September 17, 2007

Truss Design Load Information:

Gravity: **Wind:**

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B
Floor (psf): N/A Wind Speed (mph): 110

Note: See the individual truss drawings for special loading conditions.

Contractor of Record, responsible for structural engineering:

WILLIAM CASON Florida License No. CBC060151
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Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869

Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

Notes:

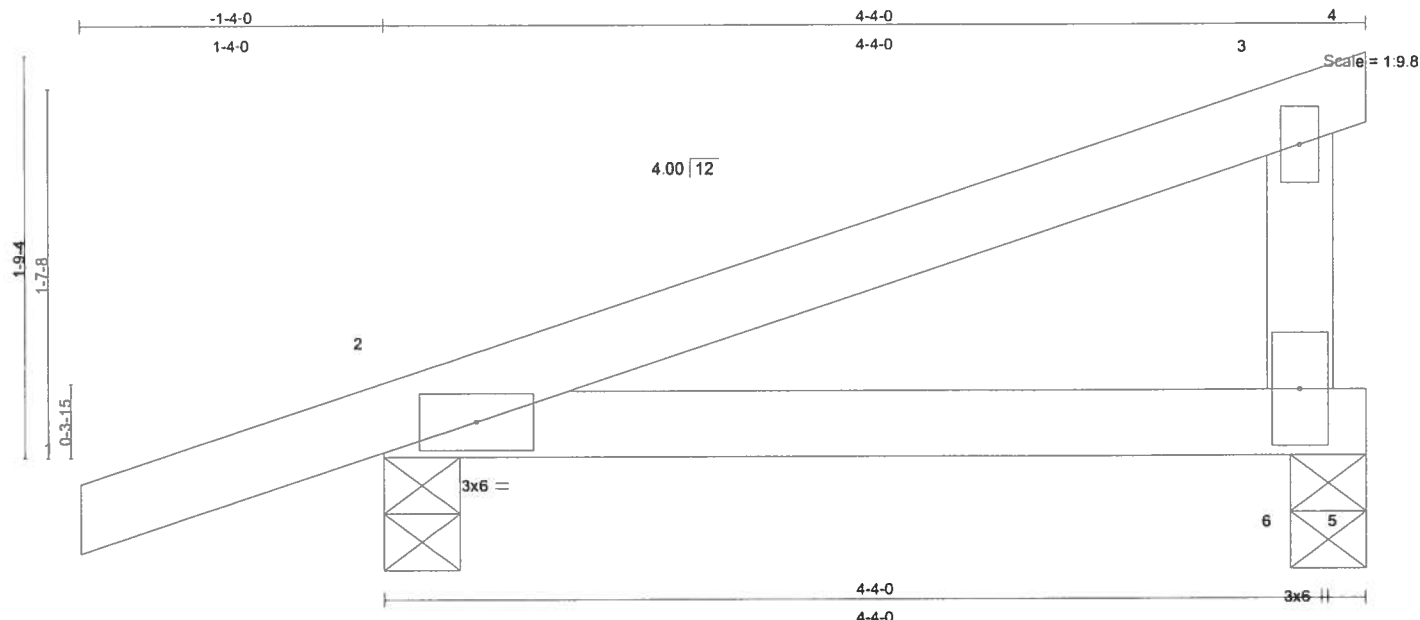
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-2002 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. The Truss Design Engineer's responsibility relative to this structure consists solely of the design of the individual truss components and does not include the design of any additional structural elements including but not limited to continuous lateral bracing elements in the web and chord planes. See Florida Administrative Code 61G15-31.003 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Date
1	J1891891	EJ4	9/17/07
2	J1891892	EJ6	9/17/07
3	J1891893	T01	9/17/07
4	J1891894	T01G	9/17/07
5	J1891895	T02	9/17/07
6	J1891896	T02G	9/17/07
7	J1891897	T04G	9/17/07
8	J1891898	T05G	9/17/07

Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891891
L251203	EJ4	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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2x4 ||



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.14	Vert(LL)	0.04	2-6	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.17	Vert(TL)	-0.02	2-6	>999	240		
BCLL 10.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.00		n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 17 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-4-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=258/0-4-0, 6=135/0-4-0
Max Horz 2=94(load case 4)
Max Uplift 2=-232(load case 4), 6=-130(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-4/26, 2-3=-48/27, 3-4=-2/1, 3-6=-113/145
BOT CHORD 2-6=0/0, 5-6=0/0

JOINT STRESS INDEX

2 = 0.11, 3 = 0.08 and 6 = 0.05

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 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) 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) Gable studs spaced at 2-0-0 oc.
- 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 232 lb uplift at joint 2 and 130 lb uplift at joint 6.

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building code. For general guidance regarding storage, delivery, erection and bracing, consult BCSI-1 or HIB-91 Handling Installing and Bracing Recommendation available from the Wood Truss Council of America, 1 WTCA Center, 6300 Enterprise Lane, Madison, WI 53719 or the Truss Plate Institute, 583 D'Orofino Drive, Madison, WI 53719

John Lee
Truss Design Engineer
Hillside Rd. No. 3-1888
1100 Central Bay Blvd
Boynton Beach, FL 33426

September 17, 2007



Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891891
L251203	EJ4	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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NOTES

- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
8) Gable truss supports 12" max. rake gable overhang.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-64(F=-10), 3-4=-24(F=-10), 2-5=-10

Julian Lee
Truss Design Engineer
Phone: 813-320-1888
1100 Corporate Way, Suite 100
Lake City, FL 32055

September 17, 2007

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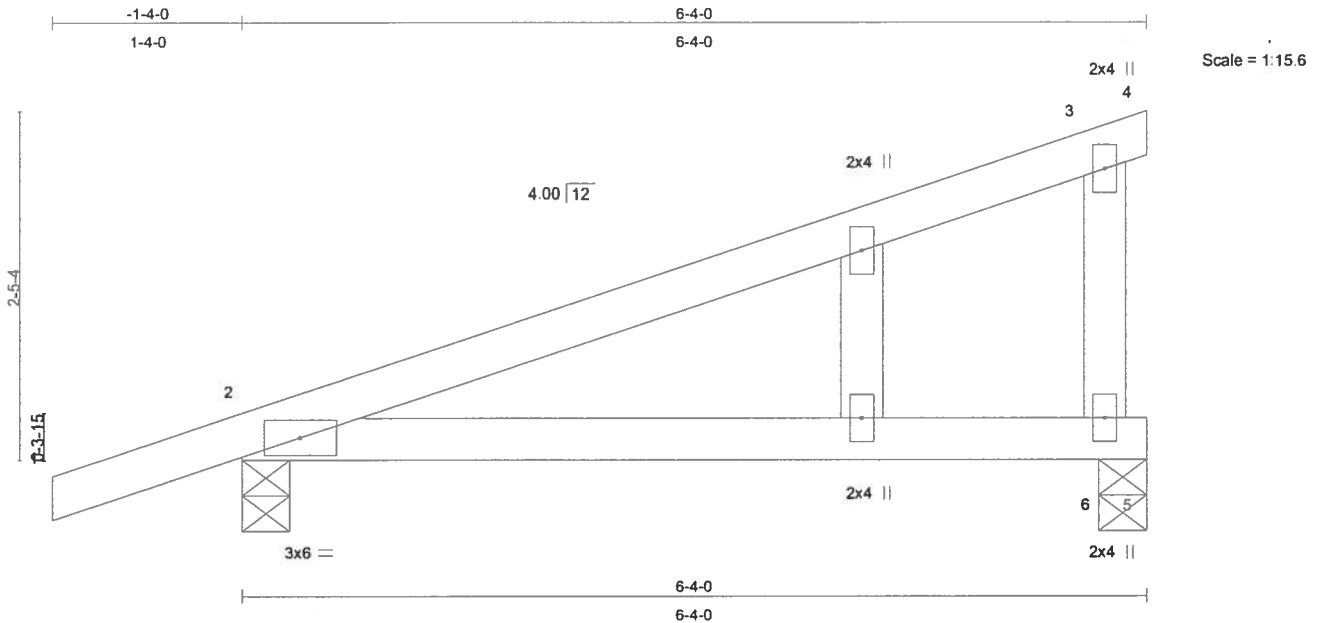
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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891892
L251203	EJ6	GABLE	2	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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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)	0.19	2-6	>362	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.40	Vert(TL)	-0.11	2-6	>648	240		
BCLL 10.0	Rep Stress Incr	NO	WB 0.06	Horz(TL)	0.00		n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(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
 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=325/0-4-0, 6=215/0-4-0
 Max Horz 2=125(load case 4)
 Max Uplift 2=-286(load case 4), 6=-207(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-4/26, 2-3=-74/45, 3-4=-2/1
 BOT CHORD 2-6=0/0, 5-6=0/0
 WEBS 3-6=-183/233

JOINT STRESS INDEX

2 = 0.13, 3 = 0.13, 6 = 0.13, 7 = 0.00 and 8 = 0.00

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 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) 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) Gable studs spaced at 2-0-0 oc.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

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Truss Design Engineer
 Truss Design
 11000 Corporate Way, Suite 100
 Madison, WI 53719

September 17, 2007



Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891892
L251203	EJ6	GABLE	2	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2 and 207 lb uplift at joint 6.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- 8) Gable truss supports 12" max. rake gable overhang.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-64(F=-10), 3-4=-24(F=-10), 2-5=-10

Justin Lee
Truss Design Engineer
P.O. Box 100, 3-1858
1100 Coastal Hwy Blvd
Coynton, WI 53015

September 17, 2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891893
L251203	T01	SPECIAL	6	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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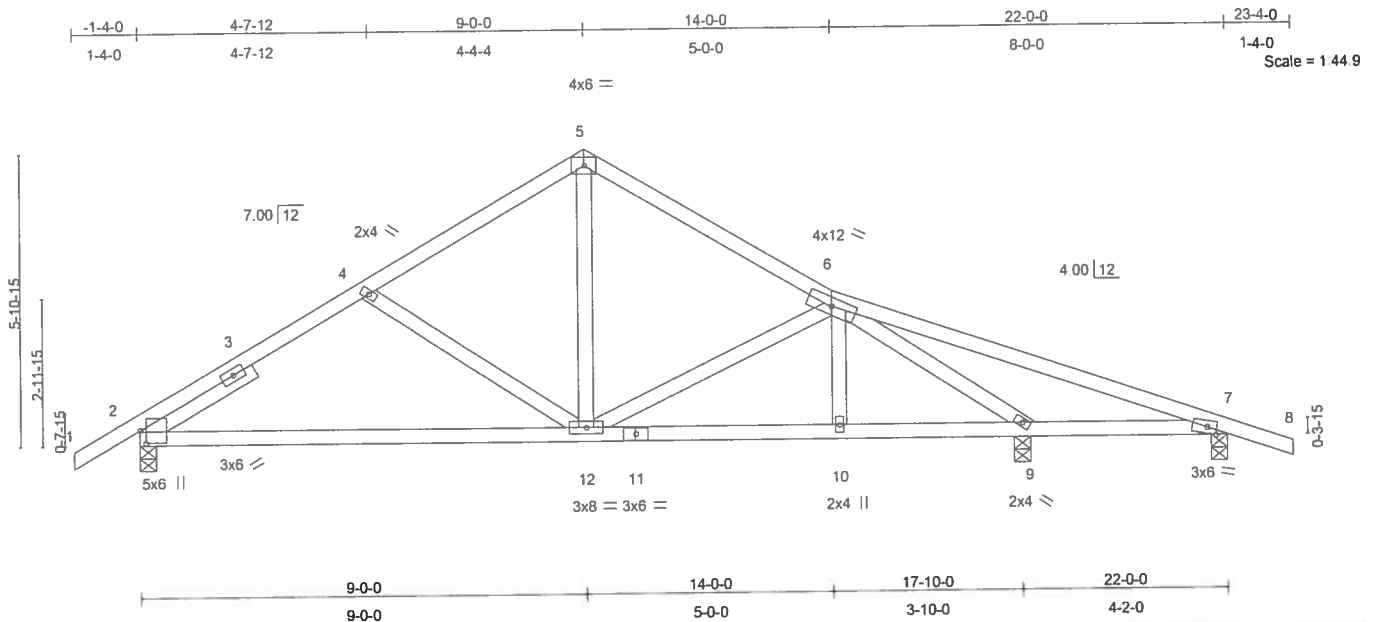


Plate Offsets (X,Y): [2:0-3-2,0-1-6], [7:0-2-4,Edge]

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)	-0.11	2-12	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.39	Vert(TL)	-0.19	2-12	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.37	Horz(TL)	0.02	9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 112 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
 SLIDER Left 2 X 4 SYP No.3 2-7-8

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, Except: 6-0-0 oc bracing: 7-9.

REACTIONS (lb/size) 2=652/0-4-0, 7=216/0-4-0, 9=683/0-4-0

Max Horz 2=-160(load case 4)
 Max Uplift 2=-181(load case 6), 7=-211(load case 5), 9=-180(load case 7)
 Max Grav 2=652(load case 1), 7=226(load case 11), 9=683(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/22, 2-3=-828/389, 3-4=-722/407, 4-5=-621/344, 5-6=-643/352, 6-7=-25/155, 7-8=0/22
 BOT CHORD 2-12=-205/652, 11-12=-289/743, 10-11=-289/743, 9-10=-286/744, 7-9=-83/115
 WEBS 4-12=-222/187, 5-12=-192/346, 6-12=-325/272, 6-10=0/91, 6-9=-991/481

JOINT STRESS INDEX

2 = 0.84, 2 = 0.31, 3 = 0.00, 4 = 0.33, 5 = 0.28, 6 = 0.75, 7 = 0.82, 9 = 0.53, 10 = 0.33, 11 = 0.30 and 12 = 0.56

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

Julius Lee
 Truss Design Engineer
 1100 Central Bay Blvd
 Boynton Beach, FL 33426

September 17, 2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891893
L251203	T01	SPECIAL	6	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:44 2007 Page 2

NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 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 181 lb uplift at joint 2, 211 lb uplift at joint 7 and 180 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Lane
Truss Design Engineer
Phone: 813 210-2100
1100 Coastal Bay Blvd
Gulfport Beach, FL 33506

September 17, 2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891894
L251203	T01G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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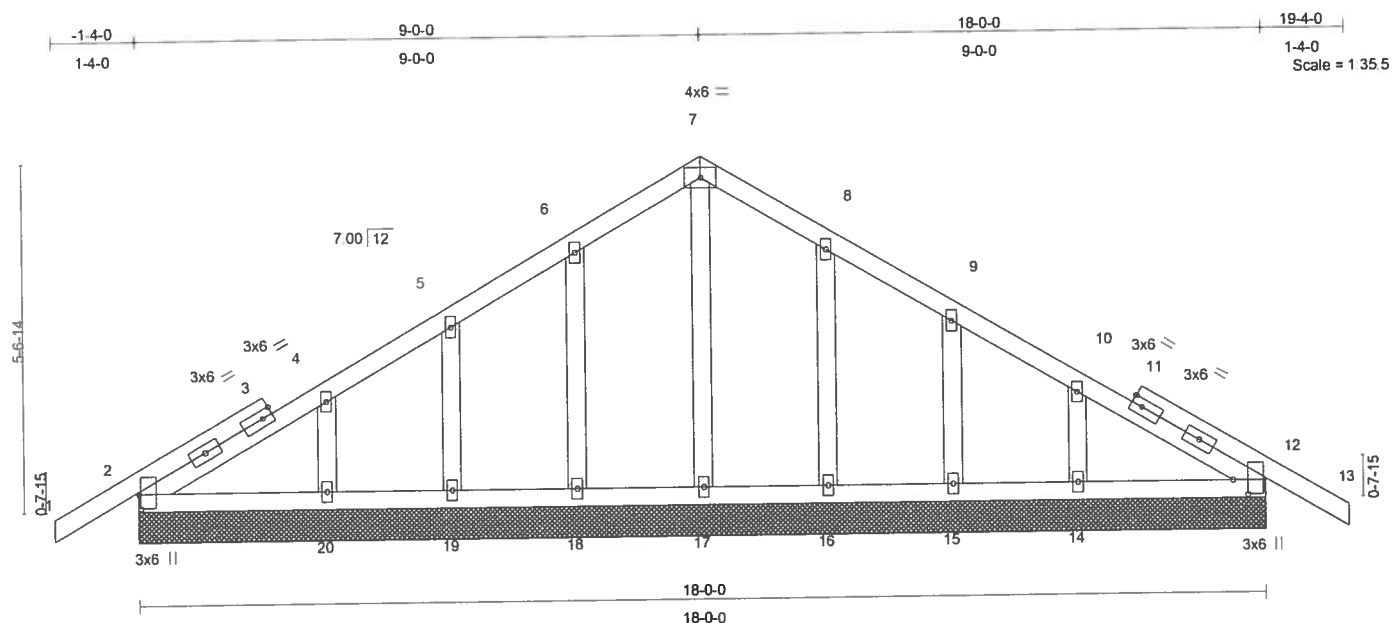


Plate Offsets (X,Y): [2:0-2-12,0-0-6], [12:0-2-12,0-2-14]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.09	Vert(LL)	-0.00	13	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.04	Vert(TL)	-0.00	13	n/r	90		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.04	Horz(TL)	0.00	12	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
OTHERS 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) 2=183/18-0-0, 12=183/18-0-0, 17=110/18-0-0, 18=129/18-0-0, 19=122/18-0-0, 20=159/18-0-0, 16=129/18-0-0, 15=122/18-0-0, 14=159/18-0-0

Max Horz 2=-185(load case 4)

Max Uplift 2=-89(load case 6), 12=-108(load case 7), 18=-91(load case 6), 19=-96(load case 6), 20=-106(load case 6), 16=-89(load case 7), 15=-97(load case 7), 14=-106(load case 7)

Max Grav 2=183(load case 1), 12=183(load case 1), 17=110(load case 1), 18=134(load case 10), 19=122(load case 1), 20=159(load case 10), 16=134(load case 11), 15=122(load case 1), 14=159(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/22, 2-3=-146/113, 3-4=-136/122, 4-5=-92/108, 5-6=-52/119, 6-7=-45/158, 7-8=-45/153, 8-9=-45/98, 9-10=-46/39, 10-11=-59/45, 11-12=-69/37, 12-13=0/22

BOT CHORD 2-20=-26/116, 19-20=-26/116, 18-19=-26/116, 17-18=-26/116, 16-17=-26/116, 15-16=-26/116, 14-15=-26/116, 12-14=-26/116

WEBS 7-17=-90/4, 6-18=-113/103, 5-19=-104/107, 4-20=-132/122, 8-16=-113/101, 9-15=-104/107, 10-14=-132/122

Johns Lee
Truss Design Engineer
1180 Coastal Hwy Blvd
Lake City, FL 32055

September 17, 2007

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891894
L251203	T01G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:46 2007 Page 2

JOINT STRESS INDEX

2 = 0.75, 3 = 0.00, 3 = 0.15, 3 = 0.15, 4 = 0.33, 5 = 0.33, 6 = 0.33, 7 = 0.26, 8 = 0.33, 9 = 0.33, 10 = 0.33, 11 = 0.00, 11 = 0.15, 11 = 0.15, 12 = 0.75, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33, 18 = 0.33, 19 = 0.33 and 20 = 0.33

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) 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"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 2-0-0 oc.
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 89 lb uplift at joint 2, 108 lb uplift at joint 12, 91 lb uplift at joint 18, 96 lb uplift at joint 19, 106 lb uplift at joint 20, 89 lb uplift at joint 16, 97 lb uplift at joint 15 and 106 lb uplift at joint 14.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 3-18808
1100 Central Expressway
Covington, LA 70426

September 17, 2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891895
L251203	T02	SPECIAL	13	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:47 2007 Page 1

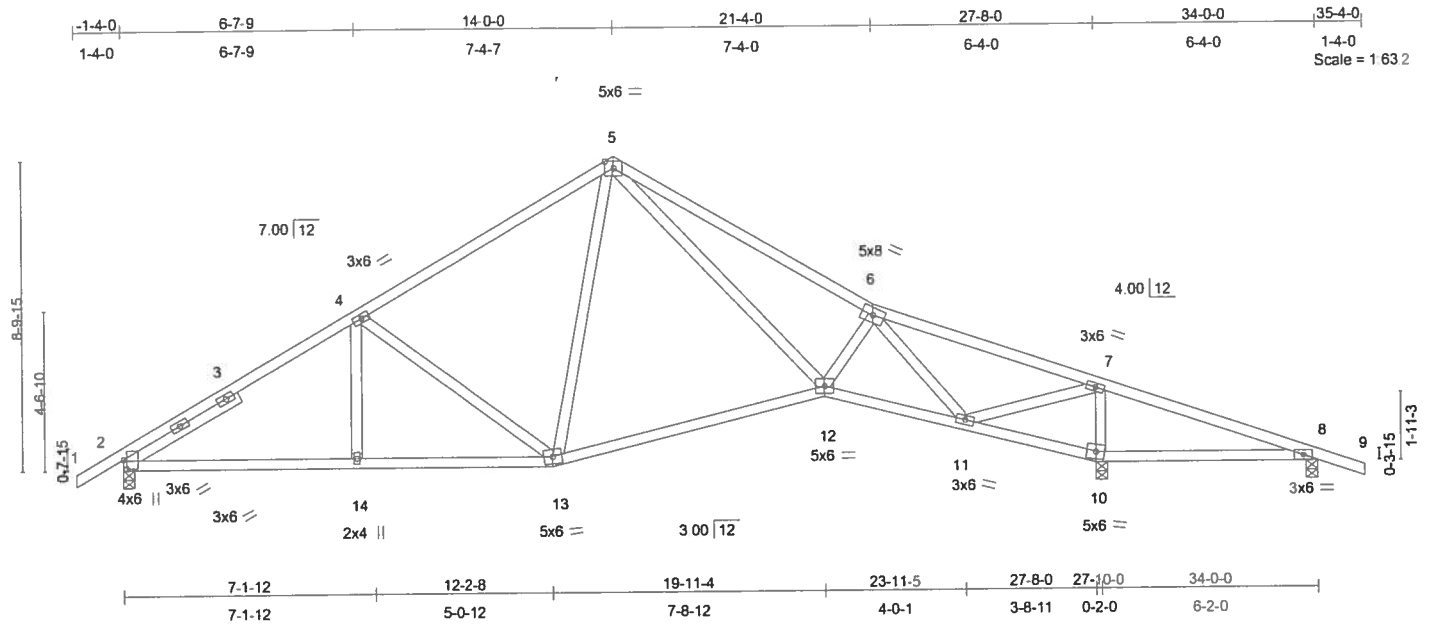


Plate Offsets (X,Y): [2:0-3-2,0-1-2]

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)	0.08 8-10	>922	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.36	Vert(TL)	-0.20 12-13	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.44	Horz(TL)	0.07 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)					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
 SLIDER Left 2 X 4 SYP No.3 3-9-4

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-1-4 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=882/0-4-0, 10=1494/0-4-0, 8=-57/0-4-0

Max Horz 2=-243(load case 4)

Max Uplift 2=-234(load case 6), 10=-392(load case 7), 8=-226(load case 5)

Max Grav 2=882(load case 1), 10=1494(load case 1), 8=11(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/22, 2-3=-1225/549, 3-4=-1073/568, 4-5=-884/502, 5-6=-1350/680,
 6-7=-452/222, 7-8=-356/961, 8-9=0/22

BOT CHORD 2-14=-311/977, 13-14=-311/977, 12-13=-68/684, 11-12=-330/1114, 10-11=-973/476,
 8-10=-852/408

WEBS 4-14=0/167, 4-13=-397/284, 5-13=-116/248, 5-12=-263/641, 6-12=-70/176,
 6-11=-1128/500, 7-11=-478/1366, 7-10=-1173/606

Julius Lee
 Truss Design Engineer
 Florida PE No. 2-1008
 1100 Coastal Bay Blvd
 Daytona Beach, FL 32118

JOINT STRESS INDEX

2 = 0.90, 2 = 0.22, 2 = 0.22, 3 = 0.00, 4 = 0.40, 5 = 0.67, 6 = 0.61, 7 = 0.70, 8 = 0.27, 10 = 0.61, 11 = 0.71, 12 = 0.73, 13 = 0.66 and 14 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.

Continued on page 2

September 17, 2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891895
L251203	T02	SPECIAL	13	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:47 2007 Page 2

NOTES

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 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 234 lb uplift at joint 2, 392 lb uplift at joint 10 and 226 lb uplift at joint 8.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 2-1888
1875 Coastal Bay Blvd
Gwynn Harbor, FL 32055

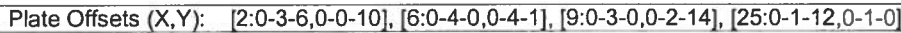
September 17, 2007

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Builders
FirstSource

Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891896
L251203	T02G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:48 2007 Page 2

JOINT STRESS INDEX

2 = 0.76, 2 = 0.21, 2 = 0.21, 3 = 0.00, 4 = 0.82, 5 = 0.00, 5 = 0.40, 5 = 0.40, 6 = 0.63, 6 = 0.22, 7 = 0.46, 8 = 0.00, 8 = 0.23, 8 = 0.23, 9 = 0.80, 11 = 0.33, 12 = 0.33, 13 = 0.41, 14 = 0.33, 15 = 0.33, 16 = 0.40, 16 = 0.33, 17 = 0.36, 17 = 0.33, 18 = 0.33, 19 = 0.33, 20 = 0.33, 21 = 0.33, 22 = 0.33, 23 = 0.33, 24 = 0.33, 25 = 0.00, 25 = 0.39, 26 = 0.33, 27 = 0.33, 28 = 0.33, 28 = 0.33, 29 = 0.33, 30 = 0.33, 30 = 0.33, 31 = 0.33 and 32 = 0.33

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) 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"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable studs spaced at 2-0-0 oc.
- 7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 141 lb uplift at joint 9, 389 lb uplift at joint 2, 511 lb uplift at joint 13, 29 lb uplift at joint 15, 54 lb uplift at joint 14, 58 lb uplift at joint 12 and 30 lb uplift at joint 11.
- 9) Gable truss supports 18" max. rake gable overhang.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-5=-54, 5-6=-91, 6-33=-91, 10-33=-54, 2-9=-10

Julian Lee
Truss Design Engineer
Florida P.E. No. 24589
1100 Coastal Bay Blvd
Dayton Beach, FL 32005

September 17, 2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

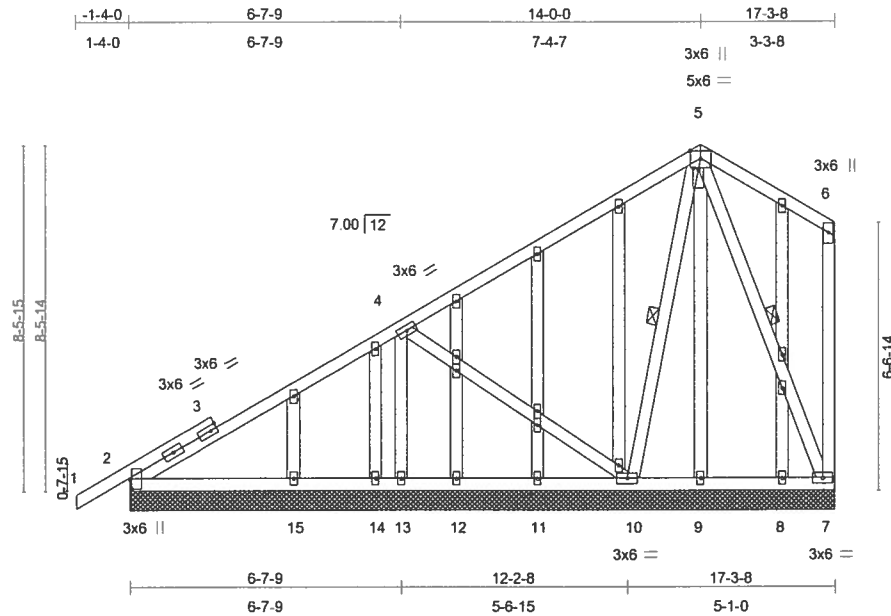
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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891897
L251203	T04G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

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Scale = 1/4\"/>

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

LOADING (psf)	SPACING		CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	2-0-0	TC 0.36	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.16	Vert(TL)	0.01	1	n/r	90		
BCLL 10.0	* Rep Stress Incr YES		WB 0.10	Horz(TL)	-0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 164 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.
 WEBS 1 Row at midpt 5-10, 5-7

REACTIONS (lb/size) 2=262/17-3-8, 6=20/17-3-8, 13=369/17-3-8, 10=251/17-3-8, 7=141/17-3-8, 9=17/17-3-8, 11=23/17-3-8, 12=14/17-3-8, 14=-44/17-3-8, 15=93/17-3-8, 8=23/17-3-8

Max Horz 2=346(load case 6)

Max Uplift 2=-80(load case 6), 6=-71(load case 4), 13=-288(load case 6), 10=-168(load case 6), 7=-109(load case 6), 14=-44(load case 1), 15=-30(load case 6), 8=-1(load case 5)

Max Grav 2=262(load case 1), 6=72(load case 11), 13=369(load case 1), 10=251(load case 1), 7=141(load case 1), 9=53(load case 2), 11=69(load case 2), 12=50(load case 2), 14=47(load case 6), 15=128(load case 2), 8=56(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/22, 2-3=-164/46, 3-4=-123/65, 4-5=-120/89, 5-6=-39/77, 6-7=0/0
 BOT CHORD 2-15=-119/71, 14-15=-119/71, 13-14=-119/71, 12-13=-119/71, 11-12=-119/71, 10-11=-119/71, 9-10=-42/52, 8-9=-42/52, 7-8=-42/52
 WEBS 4-13=-331/270, 4-10=-75/121, 5-10=-195/114, 5-7=-151/127

Builders FirstSource
 Truss Design Engineering
 11000 Enterprise Lane, Madison, WI 53719
 608.271.1100

Continued on page 2

September 17, 2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916
L251203	T04G	GABLE	1	1	J1891897
					Job Reference (optional)

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:49 2007 Page 2

JOINT STRESS INDEX

2 = 0.88, 3 = 0.00, 3 = 0.23, 4 = 0.40, 5 = 0.67, 5 = 0.38, 6 = 0.15, 7 = 0.48, 8 = 0.33, 9 = 0.33, 10 = 0.36, 10 = 0.33, 11 = 0.33, 12 = 0.33, 13 = 0.33, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33, 18 = 0.33, 18 = 0.33, 19 = 0.33, 19 = 0.33, 20 = 0.33, 21 = 0.33, 22 = 0.33, 23 = 0.33, 24 = 0.33 and 24 = 0.33

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (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; 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) 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"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 2-0-0 oc.
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 80 lb uplift at joint 2, 71 lb uplift at joint 6, 288 lb uplift at joint 13, 168 lb uplift at joint 10, 109 lb uplift at joint 7, 44 lb uplift at joint 14, 30 lb uplift at joint 15 and 1 lb uplift at joint 8.

LOAD CASE(S) Standard

Johns Law
Truss Design Engineer
P.O. Box 100
1800 Central Ave SW
Brynolyn, WA 98001

September 17,2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891898
L251203	T05G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:50 2007 Page 1

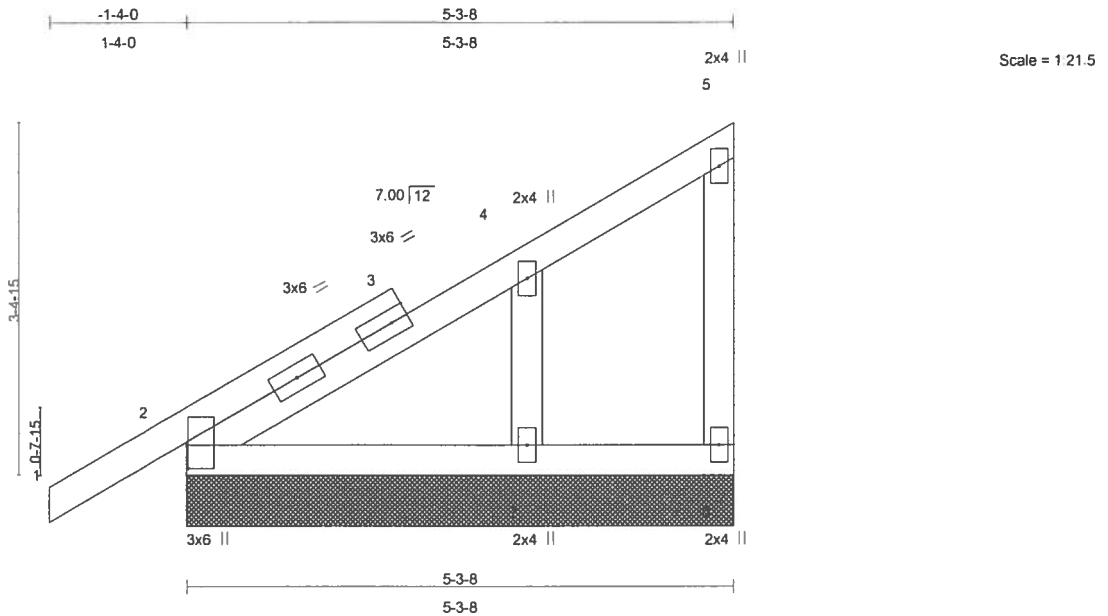


Plate Offsets (X,Y): [2:0-2-12,0-0-2]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.09	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.06	Vert(TL)	-0.00	1	n/r	90		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.04	Horz(TL)	0.00		n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 30 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 5-3-8 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=180/5-3-8, 6=37/5-3-8, 7=185/5-3-8

Max Horz 2=167(load case 6)

Max Uplift 2=-82(load case 6), 6=-32(load case 6), 7=-125(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/22, 2-3=-122/11, 3-4=-113/42, 4-5=-34/12, 5-6=-34/38

BOT CHORD 2-7=0/0, 6-7=0/0

WEBS 4-7=-150/161

JOINT STRESS INDEX

2 = 0.63, 3 = 0.00, 3 = 0.15, 3 = 0.15, 4 = 0.08, 5 = 0.02, 6 = 0.02 and 7 = 0.09

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) 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"

Continued on page 2

September 17,2007

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Job	Truss	Truss Type	Qty	Ply	CASON / PLAN 9916	J1891898
L251203	T05G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Sep 14 13:45:50 2007 Page 2

NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) Gable requires continuous bottom chord bearing.
- 5) Gable studs spaced at 2-0-0 oc.
- 6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 82 lb uplift at joint 2, 32 lb uplift at joint 6 and 125 lb uplift at joint 7.

LOAD CASE(S) Standard

John Lee
Truss Design Engineer
Florida PE No. 20060
1400 Central Expressway
Boynton Beach, FL 33435

September 17, 2007

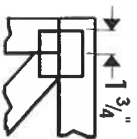
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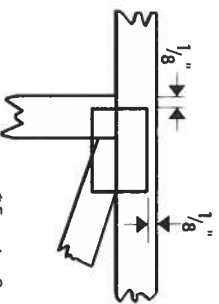


Symbols

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 seal.



*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

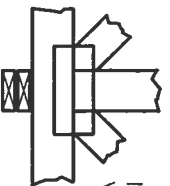
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



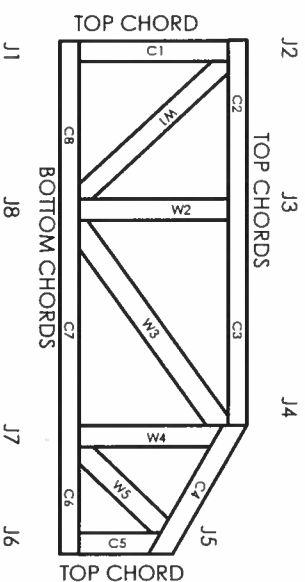
Indicates location of required continuous lateral bracing.

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/DLHR	960022-W, 970036-N
NER	561



MITek Engineering Reference Sheet: MIT-7473



General Safety Notes

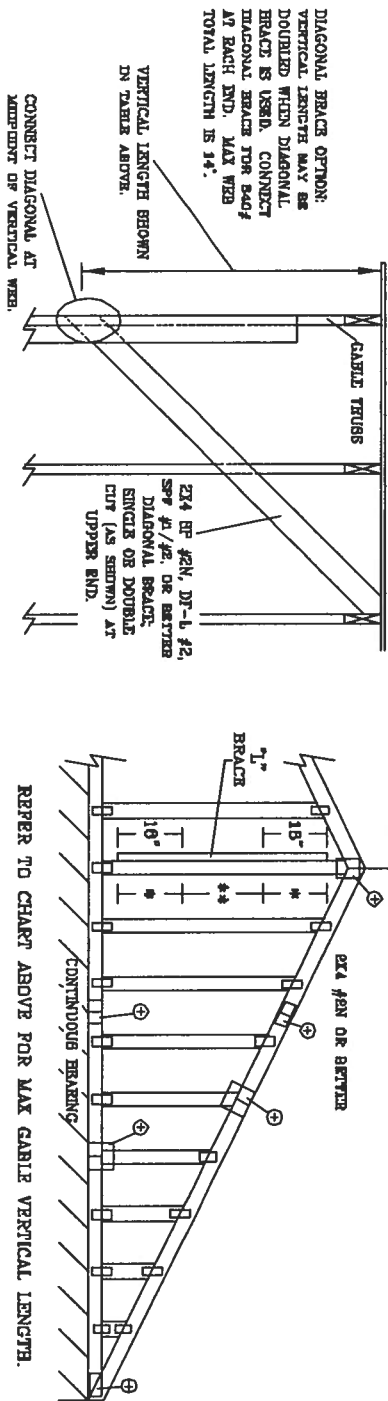
Failure to Follow Could Cause Property Damage or Personal Injury

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 wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length ($\pm 6"$ 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. Gamber 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.

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ASCE 7-02: 130 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH																
GABLE VERTICAL SPACING	2X4 SPECIES	BRACE	(1) 1X6 7' L BRACE • (1) 2X4 7' L BRACE • (2) 2X4 7' L BRACE •• (1) 2X6 7' L BRACE • (2) 2X6 7' L BRACE ••													
			NO BRACES		GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B		
24" O.C.	SPF	#1 / #2	3' 4"	6' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"			
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"			
		STUD	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 0"	10' 0"	12' 11"	12' 11"			
		STANDARD	3' 3"	4' 2"	4' 2"	6' 6"	6' 6"	7' 6"	7' 6"	8' 6"	8' 6"	11' 8"	11' 8"			
		#1	3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"			
	SP	#2	3' 7"	5' 10"	6' 3"	6' 11"	7' 6"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"			
		#3	3' 6"	5' 0"	6' 0"	6' 8"	8' 8"	8' 3"	8' 6"	10' 4"	10' 4"	12' 11"	13' 7"			
		STUD	3' 6"	5' 0"	5' 0"	6' 7"	8' 7"	8' 3"	8' 8"	10' 3"	10' 3"	12' 11"	13' 7"			
		STANDARD	3' 10"	4' 3"	4' 3"	6' 8"	6' 8"	7' 8"	7' 8"	8' 10"	8' 10"	12' 0"	12' 0"			
		#1 / #2	3' 10"	4' 8"	6' 10"	7' 11"	8' 1"	9' 6"	9' 6"	12' 6"	12' 6"	14' 0"	14' 0"			
16" O.C.	SPF	#8	3' 8"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"			
		STUD	3' 8"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"			
		STANDARD	3' 8"	5' 8"	6' 2"	6' 10"	9' 8"	9' 8"	10' 7"	10' 7"	14' 0"	14' 0"				
		#1	4' 3"	8' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"			
		#2	4' 2"	8' 8"	7' 2"	7' 11"	8' 8"	9' 6"	10' 2"	12' 6"	13' 5"	14' 0"	14' 0"			
	SP	#3	4' 0"	8' 2"	6' 8"	7' 11"	8' 2"	9' 6"	9' 11"	12' 6"	12' 6"	14' 0"	14' 0"			
		STUD	4' 0"	8' 1"	6' 1"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 5"	14' 0"	14' 0"			
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"			
		#1 / #2	4' 3"	7' 4"	7' 7"	8' 11"	8' 11"	10' 6"	10' 6"	13' 8"	13' 8"	14' 0"	14' 0"			
		#3	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 8"	14' 0"	14' 0"			
12" O.C.	SPF	STUD	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 6"	13' 6"	14' 0"	14' 0"			
		STANDARD	4' 2"	6' 11"	6' 11"	7' 10"	7' 10"	10' 5"	10' 5"	12' 9"	12' 9"	14' 0"	14' 0"			
		#1	4' 8"	7' 4"	7' 11"	8' 9"	8' 5"	10' 6"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"			
		#2	4' 7"	7' 4"	7' 11"	8' 9"	8' 5"	10' 6"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"			
		#3	4' 4"	7' 2"	7' 2"	8' 9"	9' 2"	10' 6"	10' 6"	13' 8"	13' 8"	14' 0"	14' 0"			
	DFL	STUD	4' 4"	7' 1"	7' 1"	8' 9"	8' 2"	10' 5"	10' 11"	13' 8"	14' 0"	14' 0"	14' 0"			
		STANDARD	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"			
		#1	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"			
		#2	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"			
		#3	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	12' 6"	14' 0"	14' 0"			



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO 3031-3-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS MANUFACTURERS ASSOCIATION, 1405 67TH AVENUE, DEERBEEK, FL 33441-2161

JULIUS LEE'S
CONS. ENGINEERS P.A.
1405 67TH AVENUE
DEERBEEK, FL 33441-2161

No. 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"

BRACING GROUP SPECIES AND GRADES:			
GROUP A:		GROUP B:	
SPRUCE-PINE-YR	HEM-PIR	SPRUCE-PINE-YR	HEM-PIR
#1 / #2	#1	#1 / #2	#1
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD
DOUGLAS FIR-LARCH		DOUGLAS FIR-LARCH	
#1 / #2	#1	#1 / #2	#1
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD

CABLE TRUSS DETAIL NOTES:

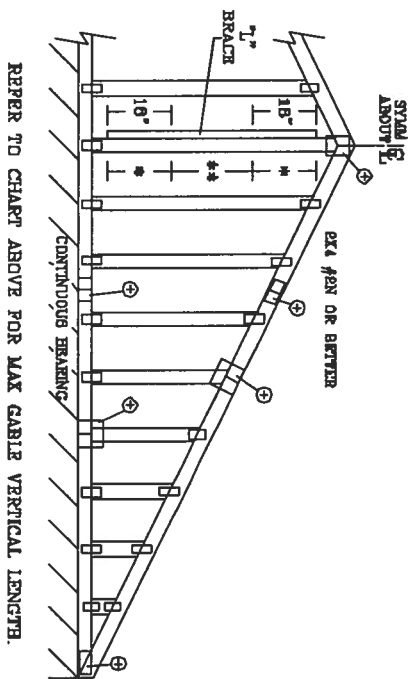
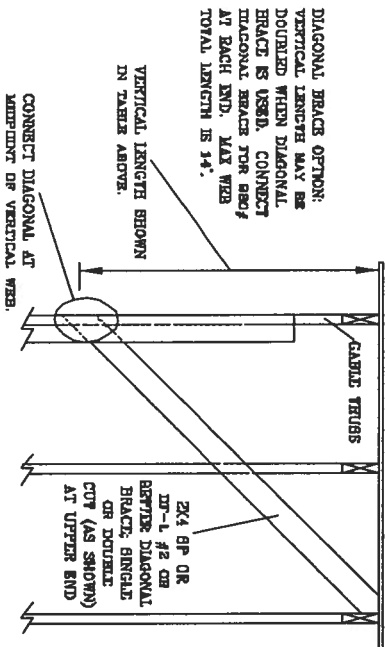
LINE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 136 PSF OVER CONTINUOUS BRACING (6 PSF TO DEAD LOAD).
CABLE END SUPPORTS LOAD FROM 4' 0" OUTLEAKERS WITH 8' 0" OVERHANG, OR 12' PLYWOOD OVERHANG.
ATTACH EACH L¹ BRACE WITH 104 NAILS.
* FOR (1) L¹ BRACE, SPICE NAILS AT 8' 0" O.C.
* IN 18' END ZONES AND 4' 0" O.C. BETWEEN ZONES.
** FOR (2) L¹ BRACES, BRACE NAILS AT 3' 0" O.C. IN 18' END ZONES AND 6' 0" O.C. BETWEEN ZONES.
L¹ BRACING MUST BE A MINIMUM OF 60% OF WEB MEMBER LENGTH.

CABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO BRACE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2X6

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPACE, AND BEEL PLATES.

REF ASCE7-02-CAB10015
DATE 11/26/03
DRWG MTRK STD CABLE 10 E HT
-ENG

MAX GABLE VERTICAL LENGTH																
GABLE VERTICAL SPACING	2x4 SPECIES	BRACE GRADE	NO. BRACES	(1) 1x4 7" BRACE • (1) 2x4 7" BRACE • (2) 2x4 7" BRACE •• (1) 2x6 7" BRACE • (2) 2x8 7" BRACE ••												
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	
12" O.C.	SPF	#1 / #2	3' 2"	5' 6"	6' 8"	6' 8"	6' 9"	7' 10"	8' 0"	10' 3"	10' 7"	12' 3"	12' 7"			
			3' 1"	4' 5"	4' 5"	6' 10"	6' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"			
		HfF	STUD	3' 1"	4' 6"	4' 6"	6' 10"	6' 10"	7' 10"	7' 10"	9' 1"	9' 1"	12' 3"	12' 3"		
			#1	2' 11"	3' 9"	3' 9"	6' 0"	6' 0"	6' 9"	6' 9"	7' 10"	7' 10"	10' 7"	10' 7"		
			#2	3' 6"	5' 8"	5' 11"	6' 8"	7' 0"	7' 10"	8' 5"	10' 3"	11' 1"	12' 3"	13' 2"		
	SP	#2	3' 6"	6' 6"	6' 6"	6' 6"	7' 0"	7' 10"	6' 6"	10' 3"	11' 1"	12' 3"	13' 2"			
		#3	3' 3"	4' 6"	4' 6"	6' 0"	6' 0"	7' 10"	6' 1"	9' 4"	9' 4"	12' 3"	12' 8"			
		STUD	3' 3"	4' 8"	4' 8"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 8"			
		STANDARD	3' 0"	3' 8"	3' 10"	5' 1"	5' 1"	6' 11"	6' 11"	8' 0"	8' 0"	10' 10"	10' 10"			
		#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 6"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"			
16" O.C.	SPF	HfF	STUD	3' 7"	5' 6"	6' 6"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"		
			STANDARD	3' 7"	5' 6"	6' 6"	7' 2"	7' 2"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"		
		SP	#1	4' 0"	6' 4"	4' 6"	6' 8"	6' 8"	8' 3"	8' 3"	9' 7"	8' 7"	13' 1"	13' 1"		
			#2	3' 11"	6' 4"	6' 10"	7' 8"	7' 8"	8' 11"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"		
			#3	3' 8"	5' 6"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 5"	14' 0"	14' 0"		
	DfL	STUD	3' 8"	5' 6"	5' 8"	7' 3"	7' 3"	8' 11"	8' 5"	11' 4"	11' 4"	14' 0"	14' 0"			
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 3"	8' 5"	9' 8"	9' 8"	13' 3"	13' 3"			
		#1 / #2	4' 0"	6' 11"	7' 2"	6' 3"	6' 6"	9' 10"	10' 1"	12' 11"	12' 11"	14' 0"	14' 0"			
		#3	3' 11"	8' 3"	8' 3"	6' 3"	6' 3"	9' 10"	9' 10"	12' 11"	12' 11"	14' 0"	14' 0"			
		STUD	3' 11"	8' 3"	6' 5"	6' 3"	6' 3"	9' 10"	9' 10"	12' 10"	12' 10"	14' 0"	14' 0"			
24" O.C.	SPF	HfF	STUD	4' 2"	6' 6"	7' 6"	8' 3"	8' 3"	10' 4"	10' 4"	12' 11"	13' 1"	14' 0"	14' 0"		
			STANDARD	4' 0"	6' 4"	6' 4"	8' 3"	8' 3"	9' 10"	9' 9"	12' 11"	12' 11"	14' 0"	14' 0"		
		SP	#1	4' 0"	5' 6"	5' 6"	7' 3"	7' 3"	8' 9"	8' 9"	11' 4"	11' 4"	14' 0"	14' 0"		
			#2	3' 11"	6' 4"	6' 10"	7' 8"	7' 8"	8' 11"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"		
			#3	3' 8"	5' 6"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 5"	14' 0"	14' 0"		
	DfL	STUD	3' 8"	5' 6"	5' 8"	7' 3"	7' 3"	8' 11"	8' 5"	11' 4"	11' 4"	14' 0"	14' 0"			
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 3"	8' 5"	9' 8"	9' 8"	13' 3"	13' 3"			
		#1 / #2	4' 0"	6' 11"	7' 2"	6' 3"	6' 6"	9' 10"	10' 1"	12' 11"	12' 11"	14' 0"	14' 0"			
		#3	3' 11"	8' 3"	8' 3"	6' 3"	6' 6"	9' 10"	9' 10"	12' 11"	12' 11"	14' 0"	14' 0"			
		STUD	3' 11"	8' 3"	6' 5"	6' 3"	6' 3"	9' 10"	9' 10"	12' 10"	12' 10"	14' 0"	14' 0"			



REMARKS: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES INCLUDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS AND JOIST MANUFACTURERS ASSOCIATION (TMA) AND THE NATIONAL TRUSS CONSTRUCTION INSTITUTE (NTCI). THESE PRACTICES, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIBBON CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1466 NW 4th AVENUE
DEMBAY RIDGE, FL 33444-0201

No. 34689
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"

BRACING GROUP SPECIES AND GRADES:			
GROUP A:		GROUP B:	
SPRUCE-PINE-YAR	HEM-PIR	SPRUCE-PINE-YAR	HEM-PIR
#1 / #2	#1 / #2	#1 / #2	#1 / #2
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD

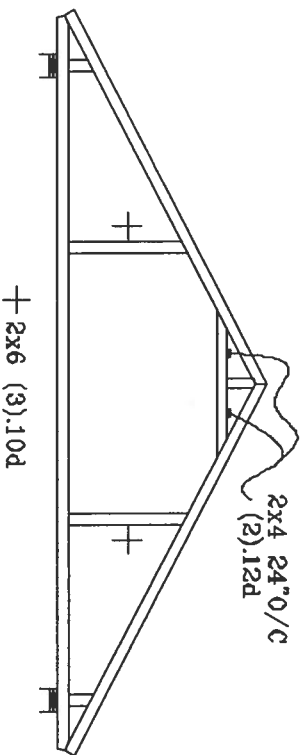
CABLE TRUSS DETAIL NOTES:
LIVE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 150 PSF OVER CONTINUOUS BEARING (6 PSF W/ DEAD LOAD).
CABLE END SUPPORTS LOAD FROM 4' 0" OUTLEAKERS WITH 2' 0" OVERHANG, OR 12' PLYWOOD OVERHANG.

ATTACH EACH 7" BRACE WITH 104 NAILS * FOR (1) 7" BRACE: BRACE NAILS AT 8" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES. ** FOR (2) 7" BRACES: BRACE NAILS AT 8" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES. 7" BRACING MUST BE A MINIMUM OF 60% OF WEB MEMBER LENGTH.

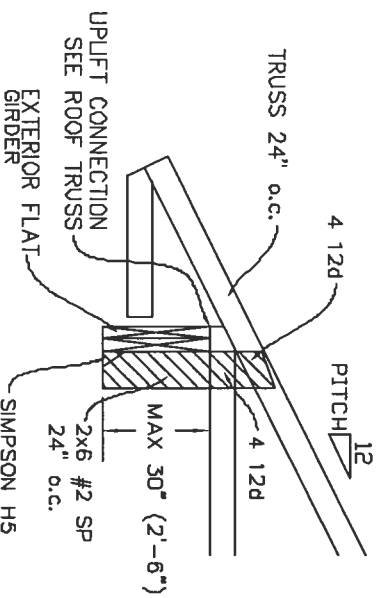
CABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH	NO BRACE	1x4 OR 2x3	2x4
LESS THAN 4' 0"			
GREATER THAN 4' 0", BUT LESS THAN 11' 6"			
GREATER THAN 11' 6"			

REF ASCE 7-02-CAB130390
DATE 11/26/03
DWG. DATE AND SCALE 30' 2" H
ENG

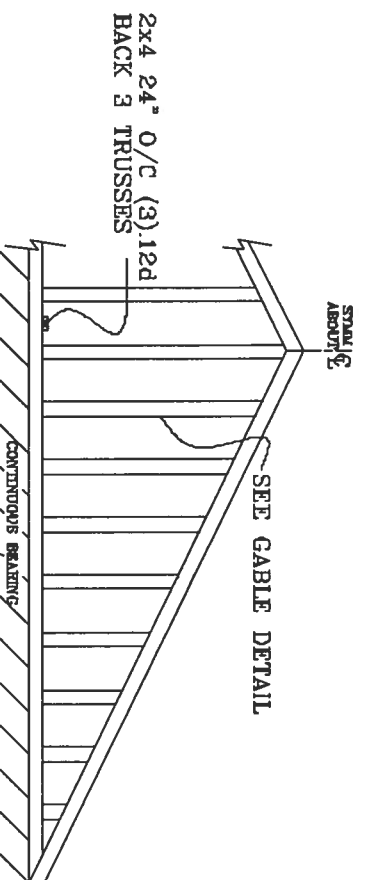
TYPICAL ATTIC TRUSS BRACING



TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS

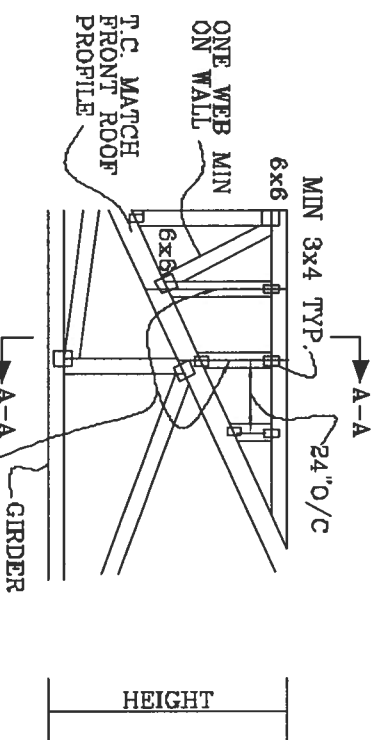


GABLE END TRUSS DETAIL



MINIMUM BR BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR BOB

TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



SEE ROOF TRUSSES FOR UPLIFT
ROOF 24" o/c

SEE GABLE END DETAIL FOR T-BRACE BEHIND EACH VERTICAL

PLYWOOD 8d 4" o/c
2x4 LEDGER 12d 4" o/c
GIRDER
TRUSSES 24" o/c

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4TH AVENUE
MIAMI BEACH, FL 33144-2061

A-A

No. 34668
STATE OF FLORIDA

TOP	CHORD	2X4	#8	OR	BETTER
BOT	CHORD	2X4	#2	OR	BETTER
	WEBBS	2X4	#3	OR	BETTER

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGgyBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS

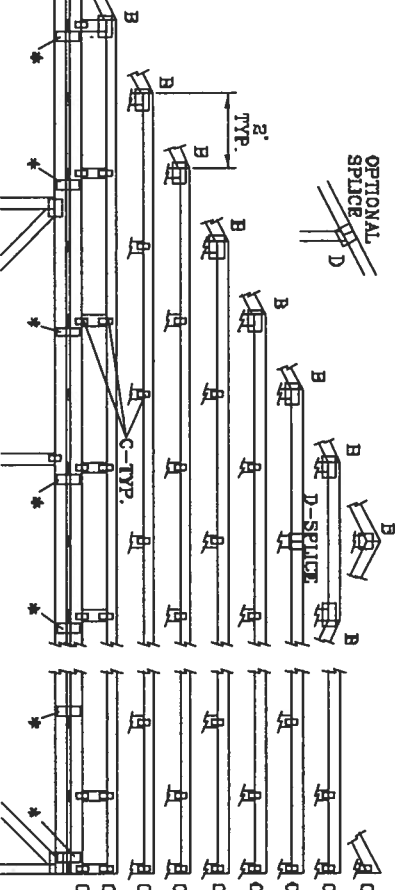
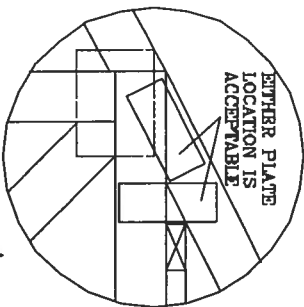
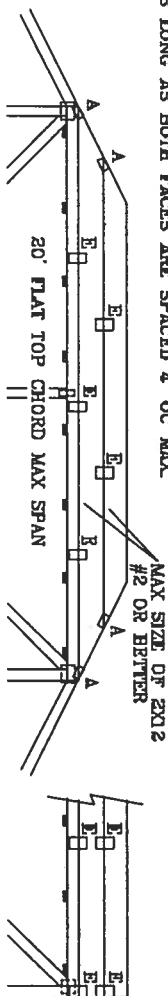
110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG,
LOCATED ANYWHERE IN BOOE 1 MI FROM COAST

CAT 1, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

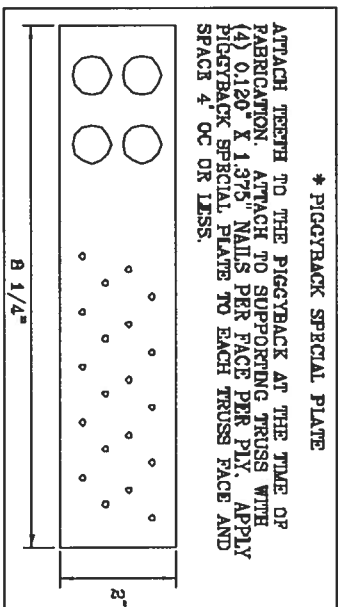
110 MPH WIND, 30' MEAN HGT, FBC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL-6 PSF, WIND BC DL-6 PSF

FRONT FACE (B,*) PLATES MAY BE OFFSET FROM BACK FACE
PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED
BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C
WIND TC DL=6 PSF, WIND BC DL=6 PSF



*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE



*** PIGGYBACK SPECIAL PLATE**

ATTACH TEETH TO THE PIGBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4" OC OR LESS.

JOINT TYPE	SPANS UP TO			
	30'	34'	38'	62'
A	2X4	2.5X4	2.5X4	3X6
B	4X6	6X6	6X6	6X6
C	1.5X8	1.5X4	1.6X4	1.5X4
D	6X4	6X6	6X6	6X6
E	4X6 OR 3X6 TRUSS AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (6) 0.120" X 1.375" NAILS OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0" TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" O.C.
10' TO 14'	2x4 "T" BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4" O.C.

MAX LOADING	REF	PIGGYBACK
55 PSF AT	DATE	09/12/07
1.33 DUR. FAC.	DRWG/MITEK	STD PIGGY
50 PSF AT	-ENG	JL
1.33 DUR. FAC.		

No: 34868
STATE OF FLORIDA

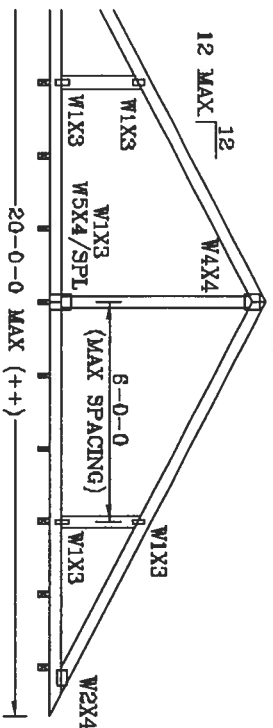
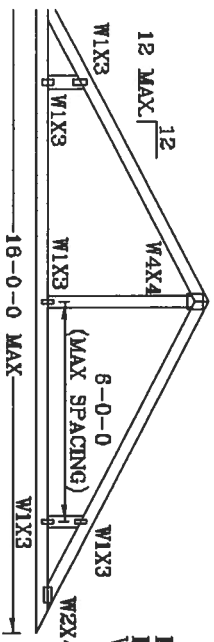
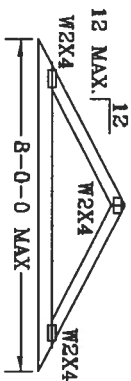
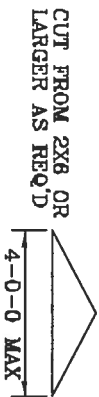
SPACING	24.0"
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VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

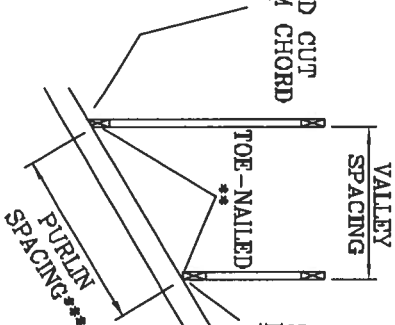
* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:
(2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR
FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR
ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED
BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=6 PSF.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.

PITCHED CUT
BOTTOM CHORD
VALLEY

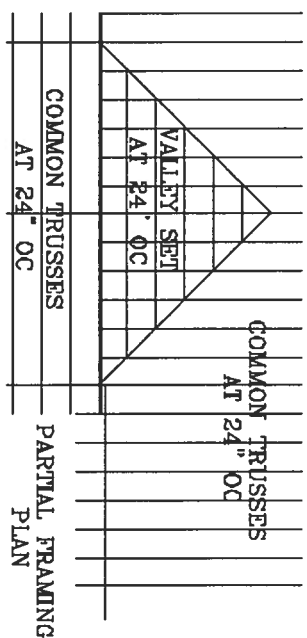
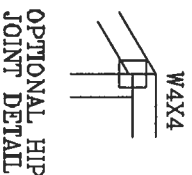
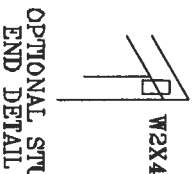


SQUARE CUT
BOTTOM CHORD
VALLEY

*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS
BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES
NOT EXCEED 12'0".
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80%
LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED
WITH 8d BOX (0.135" X 2.6") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING,
EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS
INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON
ENGINEERS' SEALED DESIGN.



THIS DRAWING REPLACES DRAWING A105

WARNING: TRUSSES REQUIRE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
BRACING. REFER TO DETAIL 1-02 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS
PLATE INSTITUTE, 560 DOWNSIDE DR., SUITE 200, WILSON, VA 22199 AND ADOPTED TRUSS COUNCIL
OF AMERICA, 6200 ENTERPRISE LN, WILSON, VA 22199 FOR SAFETY PRACTICES PRIOR TO PERFORMING
THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED
STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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No. 34869
STATE OF FLORIDA

TC LL	20	20	PSF	REF	VALLEY DETAIL
TC DL	7	15	PSF	DATE	11/26/03
BC DL	5	5	PSF	DRWG	VALTRUSS1103
BC LL	0	0	PSF	-ENG	JL
TOT. LD.	32	40	PSF		
DURFAC.	1.25	1.25			
SPACING	24"				

TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE, END DISTANCE, SPACING, EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.

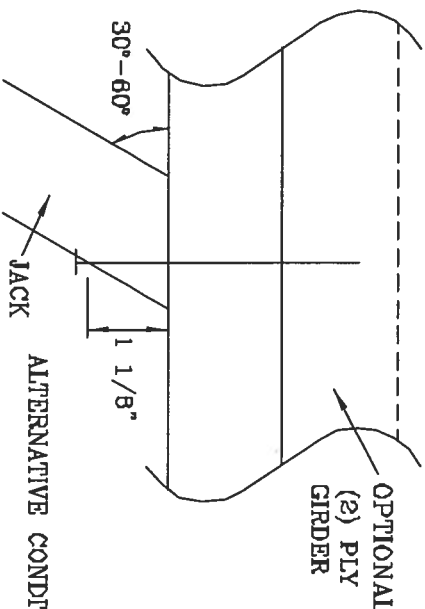
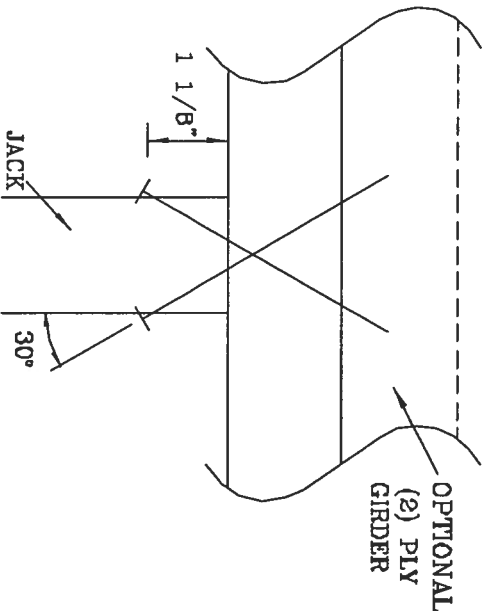
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"x3.5") COMMON TOE-NAILS

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS
2	187#	256#	181#	234#	156#	203#	154#	189#
3	286#	383#	271#	351#	234#	304#	230#	288#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.



THIS DRAWING REPLACES DRAWING 784040

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 CHAILING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 288 YOUNGFRID RD., SUITE 200, NATION, VA 20719 AND VITA (WOOD) TRUSS EDUCATION, 1800 EMBERSIDE LN, NATION, VA 20719 FOR SAFETY PRACTICES PRIOR TO PERFORMING TRUSS CONSTRUCTION. ALL TRUSSES SHALL HAVE PERMANENTLY ATTACHED IDENTIFICATION AND BOTTEN CHORD SHALL HAVE A PERMANENTLY ATTACHED IDENTIFICATION.

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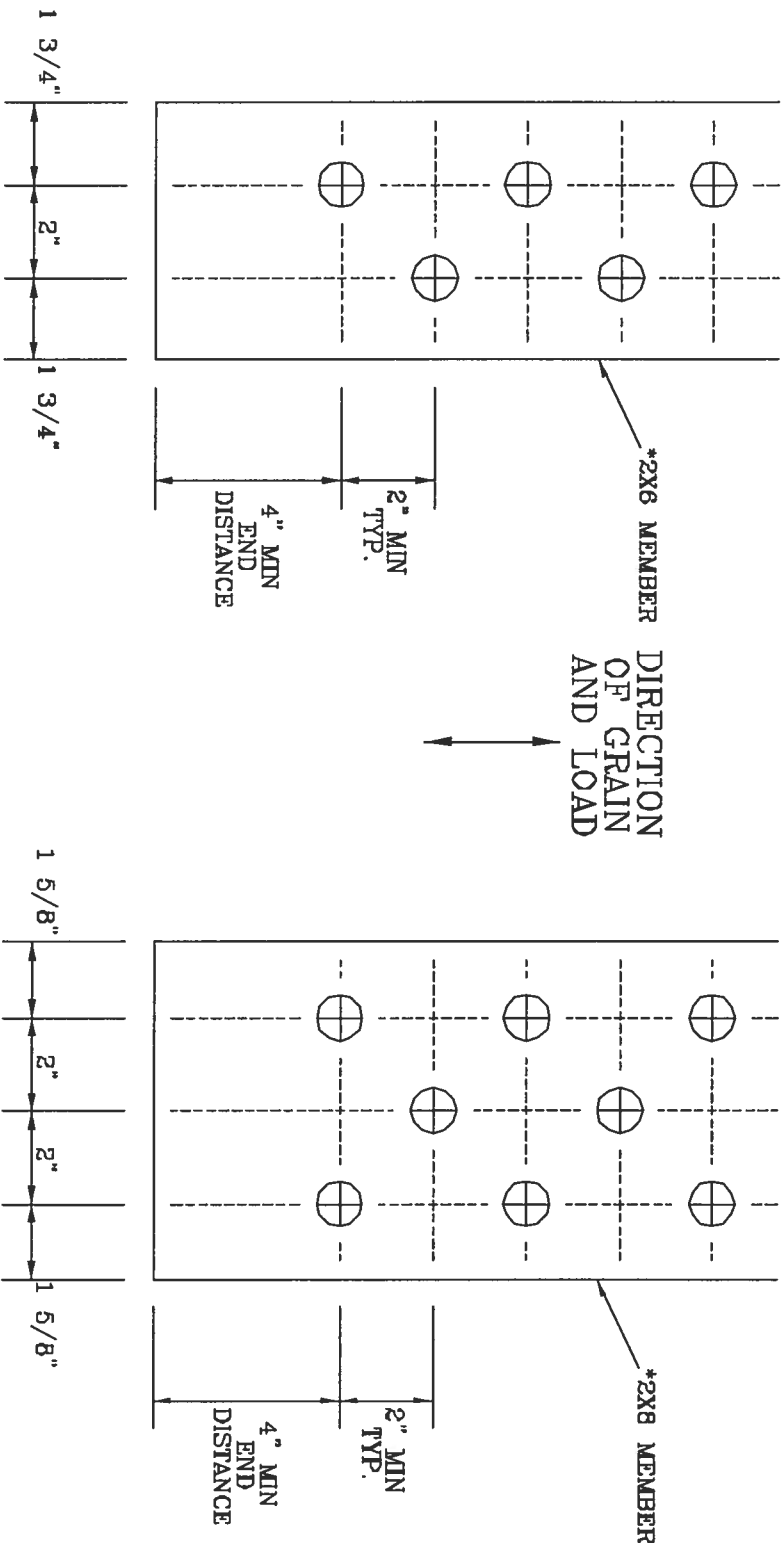
TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONALL103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		

DUR. FAC.	1.00
SPACING	

1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.
WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL

2X8 DETAIL

THIS DRAWING REPLACES DRAWING A628.016

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR BUILDING DEPENDENT SAFETY, DEFORMATION, PUBLISHED BY THE TRUSS ASSOCIATION OF AMERICA (TAA) AND THE NATIONAL ASSOCIATION OF BUILDERS (NAB) FOR SAFETY PRACTICES. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, THE DESIGNER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNBOLSP1103
BC LL	PSF	ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

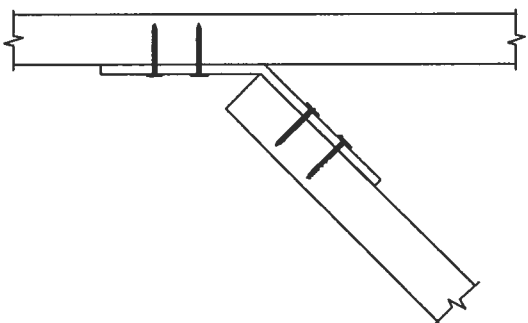
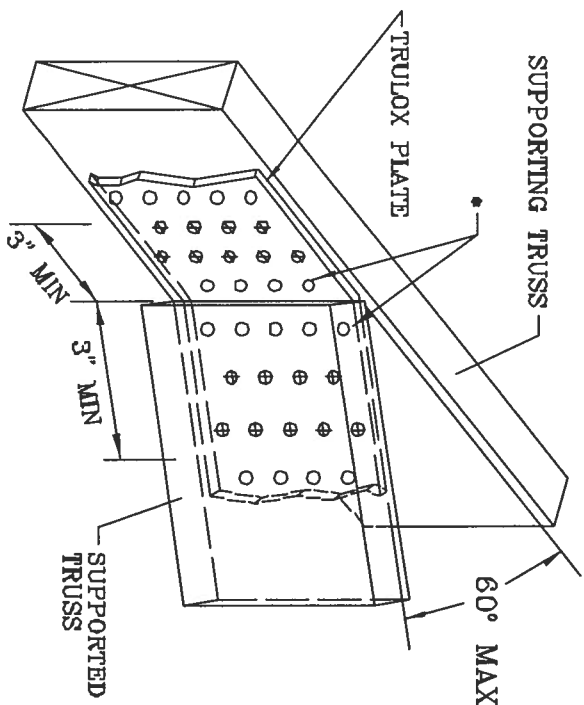
TRULOX CONNECTION DETAIL

11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (Φ).

* NAILS MAY BE OMITTED FROM THESE ROWS.

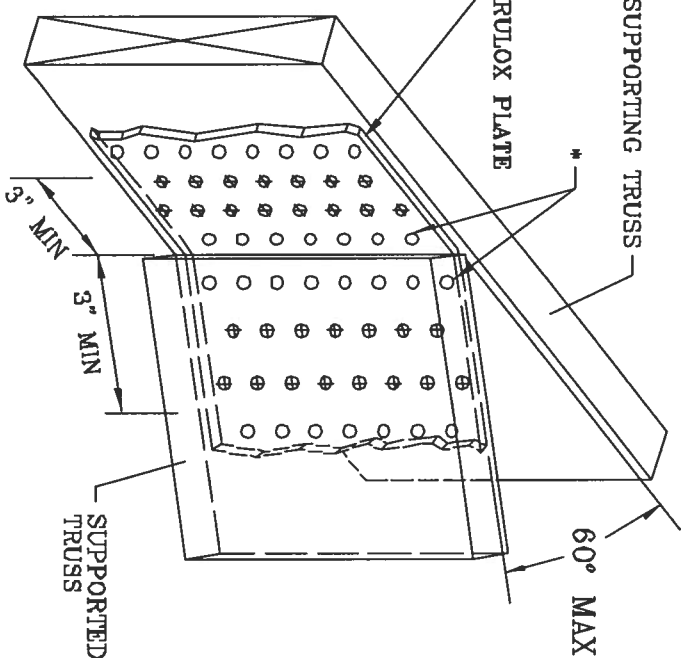
THIS DETAIL MAY BE USED WITH SO, PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
6X6	15	990#

MINIMUM 3X6 TRULOX PLATE



MINIMUM 5X6 TRULOX PLATE

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R 1,154,844 1,152,217 1,152,017 1,159,154 & 1,151,524

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO ACS 1-60 (BUILDING DEPARTMENT SAFETY DEFINITION, PUBLISHED BY THE TRUSS OF AMERICA, 6300 ENTERPRISE LN, WAUSON, VI 52793 FOR SAFETY PRACTICES PRIOR TO PERFORMING TRUSS CONSTRUCTION. TRUSSES OF THIS TYPE SHOULD BE CONSIDERED AS A STRUCTURAL PANEL AND NOT A STRUCTURAL PANEL AND SHOULD BE PROPERLY ATTACHED TO THE CEILING.

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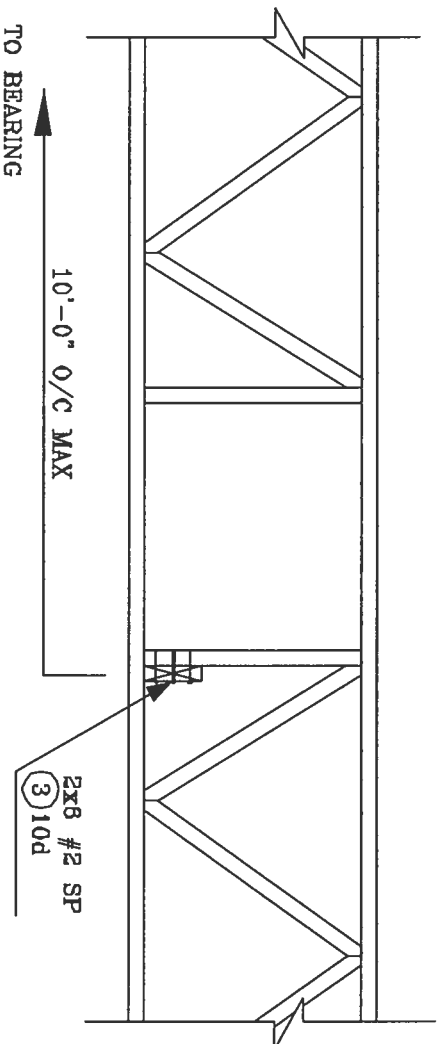
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DATE 11/26/03

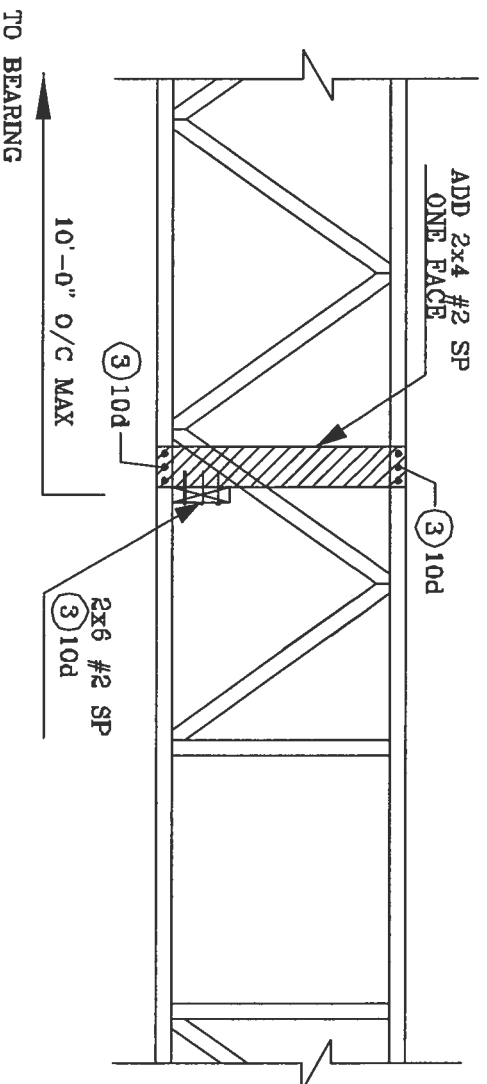
DRWG CNTRULOX1103

-ENG JL

STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



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