Load Short Form Entire House LARRY RESMONDO AIR CONDITIONING

Job: MONTIQUE RESIDENCE

Date: Dec 05, 2007

Project Information

For: MARK HADDOX, WOODMAN PARK BUILDERS

Design Information							
	Htg	Clg		Infiltration			
Outside db (°F)	33	92	Method	Simplified			
nside db (°È)	70	75	Construction quality	Average			
Design TD (°F)	37	17	Fireplaces	Average			
Daily range \('	-	M	. n opiacoo				
nside humidity (%)	-	50					
Moisture difference (gr/lb)	_	52					

HEATING EQUIPMENT

COOLING EQUIPMENT

Make Ruud Trade Ruud UPNE Series Model UPNE-036J*Z			Make Trade Cond Coil	Ruud Ruud UPNE Serie UPNE-036J*Z UBHK-21+RCHJ-		
Efficiency	8.2 HSPF		Efficiency		13 SEER	
Heating input			Sensible c	ooling	24220	Btuh
Heating output	36400	Btuh @ 47°F	Latent coo	ling	10380	Btuh
Temperature rise	29	°F	Total cooli	ng	34600	Btuh
Actual air flow	1153	cfm	Actual air f	low	1153	cfm
Air flow factor	0.035	cfm/Btuh	Air flow fac			cfm/Btuh
Static pressure	0.10	in H2O	Static pres			in H2O
Space thermostat	00		Load sens	ible heat ratio	0.82	111120

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
LAUNDRY	116	4526	4837	157	223
HALL/CLOSET	46	64	122	2	6
M/CLOSET	67	1172	457	41	21
MASTER BATH	125	1338	875	46	40
M/BEDROOM	239	6944	4254	241	196
DINING	156	2371	1269	82	58
KITCHEN	174	2088	4396	73	202
LIVING ROOM	358	4883	3517	170	162
BEDROOM 2	173	4052	2155	141	99
BATH 2	47	690	287	24	13
BEDROOM 3	173	5023	2806	174	129
2ND HALL	27	38	71	1 '	3

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Entire House Other equip loads Equip. @ 0.97 RSM Latent cooling	d	1700	33189 1481	25046 680 24955 5549	1153	1153
TOTALS		1700	34670	30503	1153	1153

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Building Analysis Entire House LARRY RESMONDO AIR CONDITIONING

Job: MONTIQUE RESIDENCE

Date: Dec 05, 2007

By:

Project Information

For: MARK HADDOX, WOODMAN PARK BUILDERS

	Design Conditions								
Location: Gainesville, FL, US Elevation: 0 ft Latitude: 30°N Outdoor:	Heating	Cooling	Indoor: Indoor temperature (°F) Design TD (°F) Relative humidity (%) Moisture difference (gr/lb)	Heating 70 37 30 10.6	Cooling 75 17 50 51.6				
Dry bulb (°F) Daily range (°F) Wet bulb (°F) Wind speed (mph)	33 - 15.0	92 19 (M) 77 7.5	Infiltration: Method Construction quality Fireplaces	Simplified Average 0					

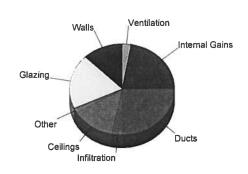
Heating

Component	Btuh/ft ²	Btuh	% of load
Walls Glazing Doors Ceilings Floors Infiltration Ducts Piping Humidification Ventilation Adjustments Total	2.0 30.4 14.4 1.2 6.3 2.2	4906 5863 606 2013 10627 3752 5423 0 1481 0	14.1 16.9 1.7 5.8 30.7 10.8 15.6 0.0 0.0 4.3



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls Glazing Doors Ceilings Floors Infiltration Ducts Ventilation Internal gains Blower Adjustments	1.3 25.8 11.4 2.0 0.0 0.5	3202 4989 477 3408 0 907 6342 680 5720	12.4 19.4 1.9 13.2 0.0 3.5 24.7 2.6 22.2 0.0
Total		25726	100.0



Overall U-value = 0.149 Btuh/ft²-°F

Data entries checked.

Project Summary Entire House LARRY RESMONDO AIR CONDITIONING

Job: MONTIQUE RESIDENCE

Date: Dec 05, 2007

By:

Project Information

For:

MARK HADDOX, WOODMAN PARK BUILDERS

Notes:

Design Information

	Wea	ather: Gain	esville, FL, US		
Winter Desig	n Conditio	ns	Summer Design	Conditions	S
Outside db Inside db Design TD	7	33 °F 70 °F 37 °F	Outside db Inside db Design TD Daily range Relative humidity Moisture difference	75 17 M 50	°F °F °F % gr/lb
Heating \$	Summary		Sensible Cooling Equip	ment Load	d Sizing
Structure Ducts Central vent (36 cfm) Humidification Piping	2776 542 148	23 Btuh	Structure Ducts Central vent (36 cfm) Blower	6342 680	Btuh Btuh Btuh Btuh
Equipment load	3467 ration		Use manufacturer's data Rate/swing multiplier Equipment sensible load	n 0.97 24955	Btuh
Method Construction quality		Simplified Average	Latent Cooling Equipm	ent Load	Sizing
Fireplaces Area (ft²) Volume (ft³)	Heating 1700 14556	Cooling 1700 14556	Structure Ducts Central vent (36 cfm) Equipment latent load	1772 1276	Btuh Btuh Btuh Btuh
Air changes/hour Equiv. AVF (cfm)	0.38 92	0.20 49	Equipment total load Req. total capacity at 0.70 SHR		Btuh ton

Heating Equipment Summary

Н	eating Equipment		Cooling Equipment	Summa	ary		
Make Trade Model	Ruud Ruud UPNE Series UPNE-036J*Z			Make Trade Cond Coil	Ruud Ruud UPNE Series UPNE-036J*Z UBHK-21+RCHJ-36A1		
Actual a	input output ature rise ir flow	36400 29 1153 0.035	HSPF Btuh @ 47°F °F cfm cfm/Btuh in H2O	Efficien Sensibl Latent of Total co Actual a Air flow	cy e cooling cooling poling air flow	24220 10380 34600 1153 0.046	

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Duct System Summary Entire House LARRY RESMONDO AIR CONDITIONING

Job: MONTIQUE RESIDENCE

Date: Dec 05, 2007

Project Information

MARK HADDOX, WOODMAN PARK BUILDERS For:

	He	ating		C	ooling
External static pressure	0.10	in H2O		0.10	in H2O
Pressure losses	0.25	in H2O		0.25	in H2O
Available static pressure	-0.2	in H2O		-0.2	in H2O
Supply / return available pressure	-0.08 / -0.07	in H2O		-0.08 / -0.07	in H2O
Lowest friction rate	0.100	in/100ft		0.100	in/100ft
Actual air flow	1153	cfm		1153	cfm
Total effective length (TEL)			240	ft	

Supply Branch Detail Table

Name		Design Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
LAUNDRY-A	С	2419	75	111	0.100	7	12×4	VIFx	135.0	0.0	ST1
LAUNDRY	c	2419	75	111	0.100	7	12×4	VIFx	135.0	0.0	ST1
HALL/CLOSET	С	122	2	6	0.100	4	12 x 1	VIFx	135.0	0.0	ST1A
M/CLOSET	h	1172	39	21	0.100	4	12 x 1	VIFx	135.0	0.0	ST1
MASTER BATH	h	1338	44	40	0.100	5	12 x 1	ViFx	135.0	0.0	ST1
M/BEDROOM-A	h	4367	144	99	0.100	8	12×5	VIFx	135.0	0.0	ST1
M/BEDROOM	h	4367	144	98	0.100	8	12 x 5	VIFx	135.0	0.0	ST1
DINING	h	2371	78	58	0.100	6	12x3	VIFx	135.0	0.0	ST1
KITCHEN-A	С	2198	34	101	0.100	7	12×4	VIFx	135.0	0.0	ST1
KITCHEN	C	2198	34	101	0.100	7	12×4	VIFx	135.0	0.0	ST1
LIVING ROOM	С	3517	161	162	0.100	8	12×5	VIFx	135.0	0.0	ST1
BEDROOM 2	h	4052	134	99	0.100	7	12x4	VIFx	135.0	0.0	ST1
BATH 2	h	690	23	13	0.100	4	12 x 1	VIFx	135.0	0.0	ST1
BEDROOM 3	h	5023	166	129	0.100	8	12x5	VIFx	135.0	0.0	ST1
2ND HALL	C	71	1	3	0.100	4	12 x 1	VIFx	135.0	0.0	ST1

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
ST1	Peak AVF	1153	1153	0.100	865	15	16 x 12	RectFbg	ST1
ST1A	Peak AVF	2	6	0.100	51	10	16 x 1	RectFbg	

Bold/italic values have been manually overridden

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSi	ze	Stud/Joist Opening (in)	Duct Matl	Trunk
RB2 RB3 RB4 RB5	0x0 0x0 0x0 0x0	144 161 134 166	99 162 99 129	105.0 105.0 105.0 105.0	0.100 0.100 0.100 0.100		8 8 7 8	12x 12x 12x 12x	5 5 4 5		VIFx VIFx VIFx VIFx	



L261974 Project Information for:

Builder:

Woodman Park Builders, Inc.

Address:

1323 Bell Road Lake City, Florida

County:

Columbia

Truss Count:

35

Building Code:

Design Program: MiTek 20/20 6.3 FBC2004/TPI2002

Truss Design Load Information: Wind: Gravity:

Roof (psf): 42.0

Wind Standard: ASCE 7-02

Wind Speed (mph): 110

Note: See the individual truss drawings for special loading conditions. Contractor of Record, responsible for structural engineering:

Mark E. Haddox Florida License No. CRC1329442

Address: 4816 West U.S. Highway 90 Suite 100 Lake City, Florida 32055

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

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

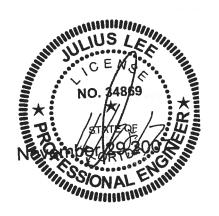
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-2002 Section 2.2

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 elelments 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. Date

> 11/29/07 11/29/07 11/29/07 11/29/07 11/29/07 11/29/07 11/29/07

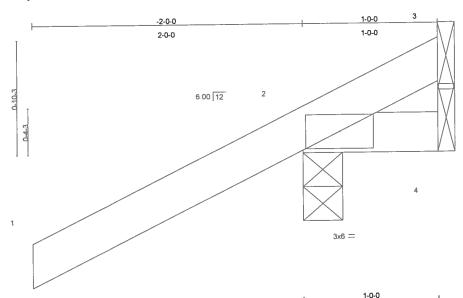
			Date	No.	Drwg. #	Huss ID
No.	Drwg.#	Truss ID	11/29/07	29	J1913231	T11
1	J1913203	CJ1	11/29/07	30	J1913232	T12
2	J1913204	CJ3	11/29/07	31	J1913233	T13
3	J1913205	CJ3A	11/29/07	32	J1913234	T14
4	J1913206	CJ3B	11/29/07	33	J1913235	T15
5	J1913207	CJ5	11/29/07	34	J1913236	T16
6	J1913208	CJ5B	11/29/07	35	J1913237	T17
7	J1913209	EJ2	11/29/07	1		
8	J1913210	EJ4	11/29/07			
9	J1913211	EJ5	11/29/07			
10	J1913212	EJ7	11/29/07			
11	J1913213	EJ7A	11/29/07			
12	J1913214	EJ7B	11/29/07			
13	J1913215	EJ7C	11/29/07			
14	J1913216	EJ7D	11/29/07			
15	J1913217	HJ2	11/29/07			
16	J1913218	HJ7	11/29/07			
17	J1913219	HJ9	11/29/07			
18	J1913220	HJ9A	11/29/07			
19	J1913221	T01	11/29/07			
20	J1913222		11/29/07			
21	J1913223	T03	11/29/07	,		
22	J1913224	T04	11/29/07	7		
23	J1913225	T05	11/29/07	7		
24	J1913226	5 T06	11/29/0	7		
25	J191322	7 T07	11/29/0	7		
26	J191322	8 T08	11/29/0	7		
27	J191322	9 T09	11/29/0	7		
28	J191323	0 T10	11/20/0	•	¥.	



Wind Exposure: B

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES. J1913:	203
L261974	CJ1	JACK	18	1	Job Reference (optional)	

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PLATES GRIP I/d **DEFL** (loc) I/defl 2-0-0 CSI in **SPACING** LOADING (psf) 244/190 >999 360 MT20 -0.00 2 Vert(LL) 1.25 TC 0.28 20.0 Plates Increase TCLL 2 240 BC 0.01 Vert(TL) -0.00 >999 1.25 TCDL 7.0 Lumber Increase 3 n/a n/a 0.00 Rep Stress Incr YES **WB** 0.00 Horz(TL) 10.0 **BCLL** Weight: 7 lb Code FBC2004/TPI2002 (Matrix) **BCDL** 5.0

LUMBER

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

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or

1-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=256/0-3-8, 4=5/Mechanical, 3=-90/Mechanical

Max Horz 2=87(load case 6)

Max Uplift 2=-286(load case 6), 4=-9(load case 4), 3=-90(load case 1)

Max Grav 2=256(load case 1), 4=14(load case 2), 3=127(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-69/75

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3. Continued on page 2

Teles Lesian Chamber Florida Pie La Madit 1 100 Chambel Pay Blood 110Viton Locott, L. 22422

November 29,2007

Scale: 1.5"=1"

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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
· · · · · · · · ·					J1913203
L261974	CJ1	JACK	18	1	
					Job Reference (optional)

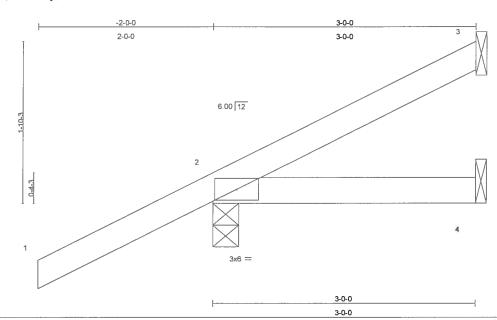
6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:09 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
4					J191320)4
L261974	CJ3	JACK	11	1		
					Job Reference (optional)	

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LOADIN	IG (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)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 13 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=31/Mechanical, 2=250/0-3-8, 4=14/Mechanical

Max Horz 2=132(load case 6)

Max Uplift 3=-28(load case 7), 2=-238(load case 6), 4=-27(load case 4) Max Grav 3=31(load case 1), 2=250(load case 1), 4=42(load case 2)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-57/7

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.13

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4. Continued on page 2

Judia is Lawren (Properties Standard Thaderican Plantede PME Plan III (BESID 1 IOC Chromostol PMesy (Standard 1 IOC Chromostol Fung (Standard

November 29,2007

Scale = 1:12.5

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913204
L261974	CJ3	JACK	11	1	
					Job Reference (optional)

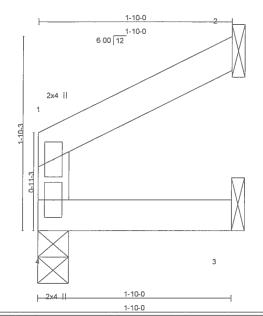
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LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
F 51					J1913205
L261974	CJ3A	JACK	1	1	
					Job Reference (optional)

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Scale = 1:10 3

LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.07	Vert(LL)	-0.00	4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.00	4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 7 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

2 X 4 SYP No.3 WEBS

BRACING

TOP CHORD **BOT CHORD**

1-10-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 4=54/0-3-8, 3=11/Mechanical, 2=42/Mechanical

Max Horz 4=39(load case 6)

Max Uplift 4=-22(load case 6), 3=-26(load case 6), 2=-47(load case 6) Max Grav 4=54(load case 1), 3=24(load case 2), 2=42(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-4=-48/27, 1-2=-39/15

BOT CHORD 3-4=0/0

JOINT STRESS INDEX

1 = 0.20 and 4 = 0.23

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 4, 26 lb uplift at joint 3 and 47 lb uplift at joint 2. Continued on page 2

November 29,2007

Marning - 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 connector 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 8CSI-1 or HIS-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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
, , , , , ,					J1913205
L261974	CJ3A	JACK	1	1	
					Job Reference (optional)

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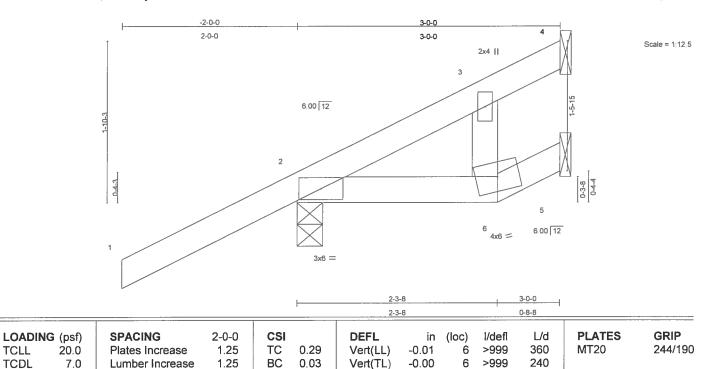
LOAD CASE(S) Standard

Jakum Lession Emperator Fulsi Essaon Emperator Florida Pin No. Sintor Florida Constantin Pay Miser LOVIDA Lession, E. LOVID LOVIDA LESSION, E. LOVID



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
f *					J1913206
L261974	CJ3B	SPECIAL	4	1	(- t)
					Job Reference (optional)

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LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

* Rep Stress Incr

Code FBC2004/TPI2002

BOT CHORD 2 X 4 SYP No.2

10.0

5.0

WEBS

2 X 4 SYP No.3

BRACING

Horz(TL)

TOP CHORD

-0.00

Structural wood sheathing directly applied or

Weight: 15 lb

3-0-0 oc purlins.

n/a

5

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc

n/a

REACTIONS (lb/size) 4=42/Mechanical, 2=250/0-3-8, 5=3/Mechanical

YES

WB

(Matrix)

0.01

Max Horz 2=132(load case 6)

Max Uplift 4=-21(load case 7), 2=-203(load case 6)

Max Grav 4=42(load case 1), 2=250(load case 1), 5=10(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/47, 2-3=-58/2, 3-4=-18/17 TOP CHORD

BOT CHORD 2-6=-6/0, 5-6=-4/4

3-6=0/42 **WEBS**

JOINT STRESS INDEX

2 = 0.13, 3 = 0.03 and 6 = 0.02

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
1,004,074	0.100	000000			J1913206
L261974	CJ3B	SPECIAL	4	1	11.56
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:11 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 4 and 203 lb uplift at joint 2.

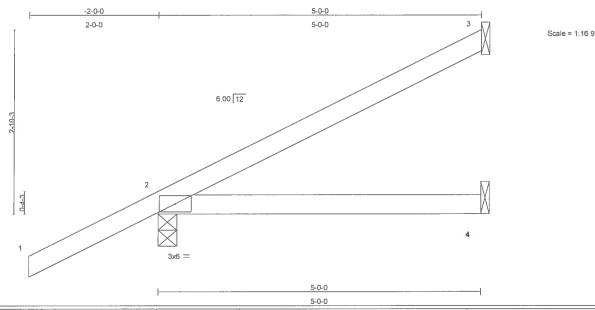
LOAD CASE(S) Standard

Literan Large Training Commission Consideration Wilderstall Print Del Richell 1 8 CCC Commission Print Physics



	Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	I
	, , , , ,	0.15	1401				J1913207
ŀ	L261974	CJ5	JACK	б	1	Job Reference (optional)	

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:11 2007 Page 1



LOADIN	G (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)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mati	rix)						Weight: 19 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=103/Mechanical, 2=295/0-3-8, 4=24/Mechanical

Max Horz 2=178(load case 6)

Max Uplift 3=-87(load case 6), 2=-199(load case 6)

Max Grav 3=103(load case 1), 2=295(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-88/36

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 3 and 199 lb uplift at joint 2. Continued on page 2

November 29,2007

Marning - 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 MTek connector 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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913207
L261974	CJ5	JACK	6	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:11 2007 Page 2

LOAD CASE(S) Standard

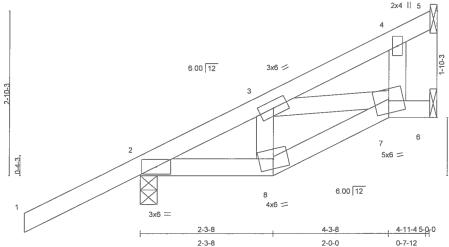


Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
· ·					J19 ⁻	13208
L261974	CJ5B	SPECIAL	4	1		
I					Job Reference (optional)	

-2-0-0

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:12 2007 Page 1





LOADIN	,	SPACING	2-0-0	CSI	0.00	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.01	/	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.01	7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 26 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 **BRACING**

TOP CHORD

Structural wood sheathing directly applied or

5-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

0-0-12

REACTIONS (lb/size) 5=124/Mechanical, 2=295/0-3-8, 6=3/Mechanical

Max Horz 2=178(load case 6)

Max Uplift 5=-75(load case 6), 2=-199(load case 6)

Max Grav 5=124(load case 1), 2=295(load case 1), 6=10(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/47, 2-3=-175/5, 3-4=-50/0, 4-5=-63/54

BOT CHORD 2-8=-95/106, 7-8=-101/122, 6-7=-0/0 WEBS 3-8=-30/57, 3-7=-94/83, 4-7=-40/94

JOINT STRESS INDEX

2 = 0.14, 3 = 0.03, 4 = 0.06, 7 = 0.04 and 8 = 0.04

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

November 29,2007

Scale = 1:18 8

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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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
, , , , ,	0.150	ODE OLAL			J1913208
L261974	CJ5B	SPECIAL	4	1	Lab Defenses (antional)
			l		Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:12 2007 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 5 and 199 lb uplift at joint 2.

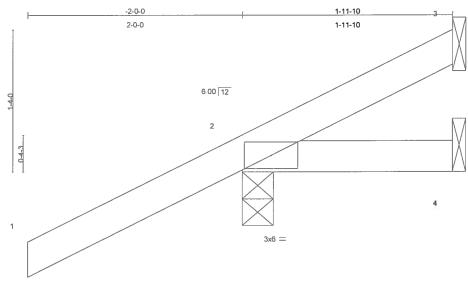
LOAD CASE(S) Standard

Literature Lawrence
Theology of the consequent o



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
, 3° .					J1	1913209
L261974	EJ2	JACK	2	1		
					Job Reference (optional)	

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1-11-10 1-11-10

LOADING (TCLL 2 TCDL	psf) 20.0 7.0	SPACING Plates Increase Lumber Increase	2-0-0 1.25 1.25	CSI TC BC	0.27 0.03	DEFL Vert(LL) Vert(TL)	in -0.00 -0.00	(loc) 2 2-4	I/defl >999 >999	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL 1 BCDL	10.0 5.0	* Rep Stress Incr Code FBC2004/TF	YES PI2002	WB (Mat	0.00 rix)	Horz(TL)	-0.00	3	n/a	n/a	Weight: 10 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

1-11-10 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=229/0-3-8, 4=10/Mechanical, 3=-6/Mechanical

Max Horz 2=109(load case 6)

Max Uplift 2=-208(load case 6), 3=-8(load case 9)

Max Grav 2=229(load case 1), 4=29(load case 2), 3=27(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-51/12

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.12

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 2 and 8 lb uplift at joint 3. Continued on page 2

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November 29,2007

Scale = 1:10.2

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
2			-	'	J1913209
L261974	EJ2	JACK	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:12 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	9	Qty	Ply	WOODMA	N PARK - I	MONTIQUE RES	
.261974	EJ4	MONO HII	.	1					J1913210
201374	204	10.014011	4x16 =		2	Job Referei	nce (option:	al)	
Builders FirstSo	urce, Lake City, FI 320	55	6.300	s Apr 19 2006	MiTek In	dustries, Inc.	Thu Nov 2	9 16:17:29 2007	Page 1
	1-11-10		2			4-9-0		3	2x4
	1-11-10					2-9-6			
I	, , , ,			7					Scale = 1/7
	6 00 12			\					
		1							
9									
			V						F 85
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	<i>N</i>							L	
1									
	3x6 =								
			2x4						
			5					4 Simpson H	GUS26-2
								Giripson in	00020-2
	1-11-10					4-9-0		4x6	
	1-11-10		1			2-9-6		440	
OADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc) l/defl	L/d	PLATES	GRIP
CLL 20.0	Plates Increase	1.25	TC 0.07	Vert(LL)	-0.01	ś >999	360	MT20	244/190
CDL 7.0	Lumber Increas		BC 0.21			4-5 >999	240		
3CLL 10.0	* Rep Stress Incr	NO	WB 0.18	Horz(TL)	0.00	4 n/a	n/a		

LUMBER

BCDL

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D

2 X 4 SYP No.3 **WEBS**

5.0

BRACING

(Matrix)

TOP CHORD Structural wood sheathing directly applied or 4-9-0

oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=1186/0-3-8, 4=1184/Mechanical

Code FBC2004/TPI2002

Max Horz 1=44(load case 5)

Max Uplift 1=-573(load case 5), 4=-584(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1483/702, 2-3=-0/0, 3-4=-71/50

BOT CHORD 1-5=-637/1300, 4-5=-715/1467

WEBS 2-5=-524/1096, 2-4=-1559/760

JOINT STRESS INDEX

1 = 0.31, 2 = 0.30, 3 = 0.02, 4 = 0.21 and 5 = 0.40

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows: Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

All loads are considered equally applied to all plies, except if noted as indirectly of place to the place of 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the

3) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.

Provide adequate drainage to prevent water ponding.

November 29,2007

Continued on page 2

Marning - 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'Onofrio Drive, Madison, WI 53719



Weight: 48 lb

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
L261974	EJ4	MONO HIP	1			J1913210
					Job Reference (optional)	

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Nov 29 16:17:29 2007 Page 2

NOTES

- 5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 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 573 lb uplift at joint 1 and 584 lb uplift at joint 4.

LOAD CASE(S) Standard

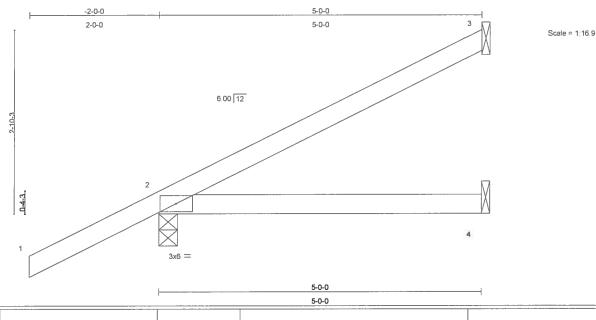
1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-2=-54, 2-3=-54, 1-4=-475(B=-465) Concentrated Loads (lb) Vert: 5=-11(F)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
I 261974	EJ5	JACK	3	1	J19132	11
1201974	233	JACK		'	Job Reference (optional)	

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:13 2007 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	0.29	Vert(LL)	0.09	2-4	>663	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	2-4	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TI	PI2002	(Mati	rix)						Weight: 19 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=103/Mechanical, 2=295/0-3-8, 4=24/Mechanical

Max Horz 2=178(load case 6)

Max Uplift 3=-87(load case 6), 2=-260(load case 6), 4=-46(load case 4) Max Grav 3=103(load case 1), 2=295(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-88/36

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.14

NOTES

- Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 3, 260 lb uplift at joint 2 and 46 lb uplift at joint 4. Continued on page 2

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November 29,2007

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
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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 design and / or contractor per ANSI / TPI 1 as referenced by the building ode. For general guidance regarding storage, delivery, erection and bracing, consult 8CSI-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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
· · · · · · · · · · · · · · · · · · ·	1			-	J1913211
L261974	EJ5	JACK	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:13 2007 Page 2

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES. J1913212
L261974	EJ7	MONO TRUSS	17	1	31913212
					Job Reference (optional)
Builders FirstSc	ource, Lake City, FI 32	055 6.3	00 s Apr 19 2006 N	MiTek Ind	dustries, Inc. Thu Nov 29 16:13:14 2007 Page 1
	-2-0	-0	7-0-0)	
	2-0-	0	7-0-0)	3 17
					Scale = 1:20.
		6.00	12		

2 1 3x6 =

7-0-0 L/d **PLATES GRIP** LOADING (psf) **SPACING** 2-0-0 CSI **DEFL** in (loc) I/defl 360 MT20 244/190 20.0 1.25 TC 0.50 Vert(LL) 0.33 2-4 >250 **TCLL** Plates Increase 1.25 BC 0.45 Vert(TL) -0.16>501 240 **TCDL** 7.0 Lumber Increase 10.0 YES WB 0.00 Horz(TL) -0.00n/a n/a **BCLL** Rep Stress Incr Weight: 26 lb **BCDL** 5.0 Code FBC2004/TPI2002 (Matrix)

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=154/Mechanical, 2=352/0-3-8, 4=45/Mechanical

Max Horz 2=161(load case 6)

Max Uplift 3=-94(load case 6), 2=-224(load case 6), 4=-65(load case 5) Max Grav 3=154(load case 1), 2=352(load case 1), 4=94(load case 2)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-131/54

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.58

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 3, 224 lb uplift at joint 2 and 65 lb uplift at joint 4.

LOAD CASE(S) Standard

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November 29,2007

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

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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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
*				ļ	J191321	3
L261974	EJ7A	MONO TRUSS	3	1		
					Job Reference (optional)	

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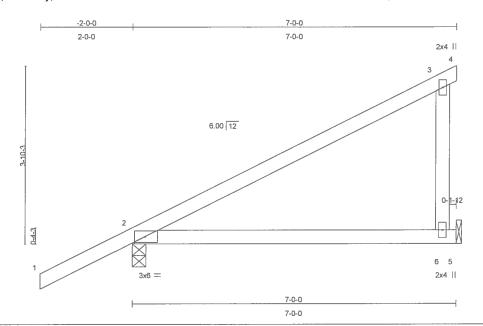


Plate Of	fsets (X,Y): [2:0-2-12,0-1-8]		· · · · ·								
LOADIN TCLL	G (psf) 20.0	SPACING Plates Increase	2-0-0 1.25	CSI TC	0.37	DEFL Vert(LL)	in -0.07	(loc) 2-6	l/defl >999	L/d 360	PLATES MT20	GRIP 244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.14	2-6	>561	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00		n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 30 lb	

4	 -		_	
	 N	11-		ж

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

BRACING

BOT CHORD

TOP CHORD Structural wood sheathing directly applied or

6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=345/0-3-8, 6=198/Mechanical

Max Horz 2=161(load case 6)

Max Uplift 2=-137(load case 6), 6=-73(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-115/52, 3-4=-2/0

BOT CHORD 2-6=0/0, 5-6=0/0

WEBS 3-6=-153/193

JOINT STRESS INDEX

2 = 0.64, 3 = 0.10 and 6 = 0.11

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 137 Colhi HDEB shiping and 73 lb uplift at joint 6.

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Scale = 1 23 6

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
1 001071					J191321	3
L261974	EJ7A	MONO TRUSS	3	1		
			1		Job Reference (optional)	

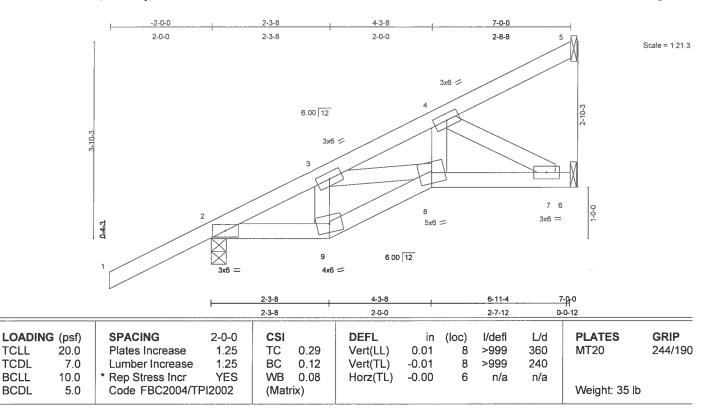
6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:14 2007 Page 2

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
1.004074		0550141			J1913214
L261974	EJ7B	SPECIAL	1	1	Job Reference (optional)

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LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS

2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=56/Mechanical, 2=352/0-3-8, 6=143/Mechanical

Max Horz 2=161(load case 6)

Max Uplift 5=-31(load case 6), 2=-139(load case 6), 6=-40(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/47, 2-3=-260/0, 3-4=-329/176, 4-5=-43/19

BOT CHORD 2-9=-164/190, 8-9=-169/205, 7-8=-271/263, 6-7=0/0 3-9=-111/153, 3-8=-136/103, 4-8=-79/174, 4-7=-301/309 **WEBS**

JOINT STRESS INDEX

2 = 0.52, 3 = 0.09, 4 = 0.14, 7 = 0.08, 8 = 0.12 and 9 = 0.12

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 31 lb uplift at joint 5, 139 lb uplift at joint 2 and 40 lb uplift at joint 6.

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LOAD CASE(S) Standard



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November 29,2007



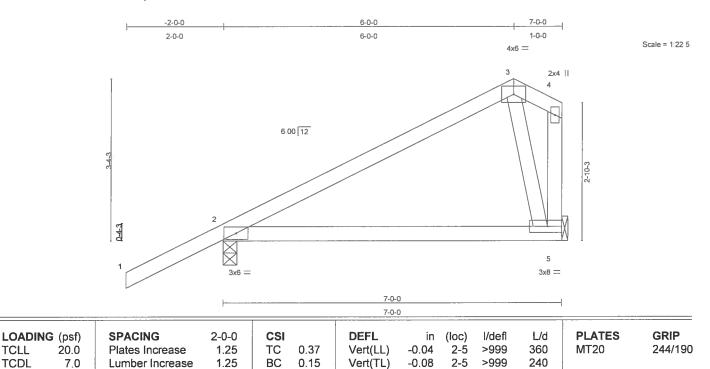
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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
*					J191321	5
L261974	EJ7C	COMMON	1	1		
					Job Reference (optional)	

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LUMBER

TCLL

TCDL

BCLL

BCDL

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

10.0

5.0

WEBS 2 X 4 SYP No.3 **BRACING**

Horz(TL)

TOP CHORD **BOT CHORD**

-0.00

Structural wood sheathing directly applied or

Weight: 34 lb

6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc

n/a

bracing.

5

n/a

REACTIONS (lb/size) 2=349/0-3-8, 5=196/Mechanical

Rep Stress Incr

Code FBC2004/TPI2002

Max Horz 2=137(load case 6)

Max Uplift 2=-149(load case 6), 5=-50(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-181/45, 3-4=-91/57, 4-5=-185/139

BOT CHORD 2-5=-97/98 **WEBS** 3-5=-288/391

JOINT STRESS INDEX

2 = 0.42, 3 = 0.69, 4 = 0.45 and 5 = 0.62

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

WB

(Matrix)

YES

0.10

- 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 149 Ib uplift at joint 2 and 50 lb uplift at joint 5. Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES. J1913215	
L261974	EJ7C	COMMON	1	1	Job Reference (optional)	

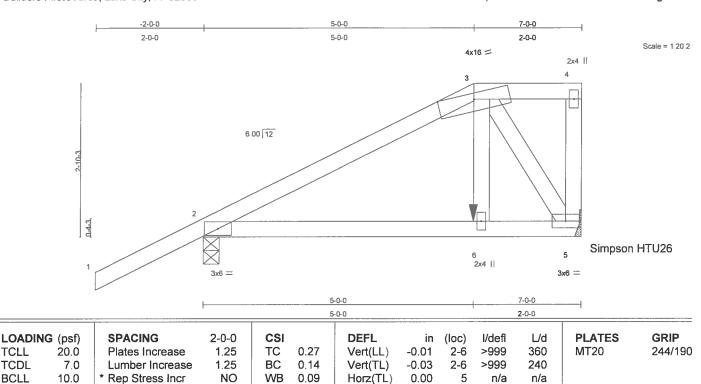
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LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
1					J1913216
L261974	EJ7D	MONO HIP	1	1	
					Job Reference (optional)
Buildore EinstCourse	Lake City EL 220EE	6 300 c Eab	15 2006 1	MiTak In	dustries Inc. Thu Nev 20 15:33:16 2007, Page 1

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LUMBER

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3

5.0

BRACING

TOP CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Weight: 36 lb

Rigid ceiling directly applied or 10-0-0 oc bracing.

BOT CHORD

REACTIONS (lb/size) 5=404/Mechanical, 2=407/0-3-8

Code FBC2004/TPI2002

Max Horz 2=131(load case 5)

Max Uplift 5=-135(load case 4), 2=-173(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/47, 2-3=-340/66, 3-4=-7/7, 4-5=-44/48

BOT CHORD 2-6=-80/245, 5-6=-82/258 3-6=-44/224, 3-5=-427/135 **WEBS**

JOINT STRESS INDEX

2 = 0.26, 3 = 0.51, 4 = 0.11, 5 = 0.16 and 6 = 0.16

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.

(Matrix)

- Provide adequate drainage to prevent water ponding.
- 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 135 lb uplift at joint 5 and 173 lb uplift at joint 2.

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Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913216
L261974	EJ7D	MONO HIP	1	1	
					Job Reference (optional)

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NOTES

6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Vert: 1-3=-54, 3-4=-91(F=-37), 2-6=-10, 5-6=-17(F=-7)

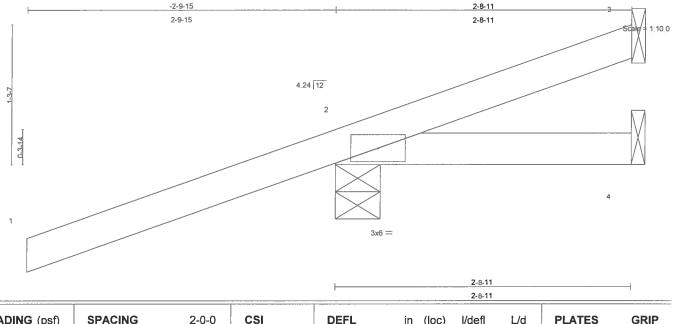
Concentrated Loads (lb) Vert: 6=-187(F)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
					J1913	217
L261974	HJ2	JACK	1	1	Job Reference (optional)	

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LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr	2-0-0 1.25 1.25 NO	TC BC WB	0.53 0.04 0.00	Vert(LL) Vert(TL) Horz(TL)	in -0.00 -0.00 -0.00	(loc) 2-4 2-4 3	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20	GRIP 244/190
BCLL 10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TI	PI2002	(Mat	rix)						Weight: 13 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

2-8-11 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-69/Mechanical, 2=286/0-4-15, 4=6/Mechanical

Max Horz 2=77(load case 3)

Max Uplift 3=-69(load case 1), 2=-290(load case 3)

Max Grav 3=95(load case 3), 2=286(load case 1), 4=30(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/50, 2-3=-44/34

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.12

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 69 lb uplift at joint 3 and 290 lb uplift at joint 2.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B). Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
1004074	1110	IACK	4		J1913217
L261974	HJ2	JACK	'	'	Job Reference (optional)

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LOAD CASE(S) Standard

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

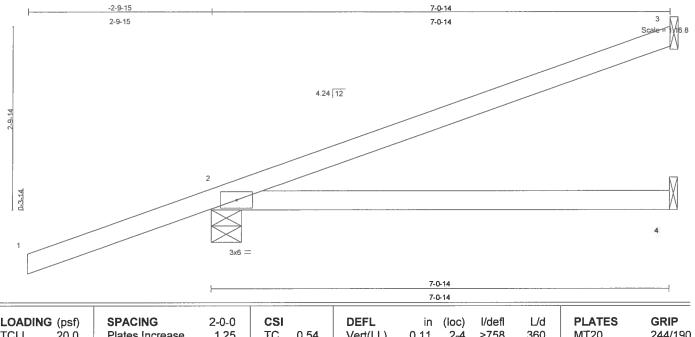
Uniform Loads (plf) Vert: 1-2=-54 Trapezoidal Loads (plf)

Vert: 2=-3(F=26, B=26)-to-3=-38(F=8, B=8), 2=-0(F=5, B=5)-to-4=-7(F=1, B=1)



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
1.004074		14016	•		J191321	18
L261974	HJ7	JACK	3	1	Job Reference (optional)	

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LOADING (psf) 20.0 TC 0.54 >758 360 MT20 244/190 **TCLL** Plates Increase 1.25 Vert(LL) 0.11 2-4 **TCDL** 7.0 Lumber Increase 1.25 BC 0.27 Vert(TL) -0.13 2-4 >607 240 WB 0.00 **BCLL** 10.0 Rep Stress Incr NO Horz(TL) -0.00 3 n/a n/a Code FBC2004/TPI2002 Weight: 26 lb **BCDL** (Matrix) 5.0

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

7-0-14 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 3=184/Mechanical, 2=338/0-5-11, 4=37/Mechanical

Max Horz 2=167(load case 3)

Max Uplift 3=-154(load case 3), 2=-336(load case 3), 4=-55(load case 6) Max Grav 3=184(load case 1), 2=338(load case 1), 4=96(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/50, 2-3=-71/42

BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.51

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 154 lb uplift at joint 3, 336 lb uplift at joint 2 and 55 lb uplift at joint 4.

Continued on page 2

November 29,2007

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
1					J1913218
L261974	HJ7	JACK	3	1	
					Job Reference (optional)

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NOTES

5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Vert: 1-2=-54

Trapezoidal Loads (plf)

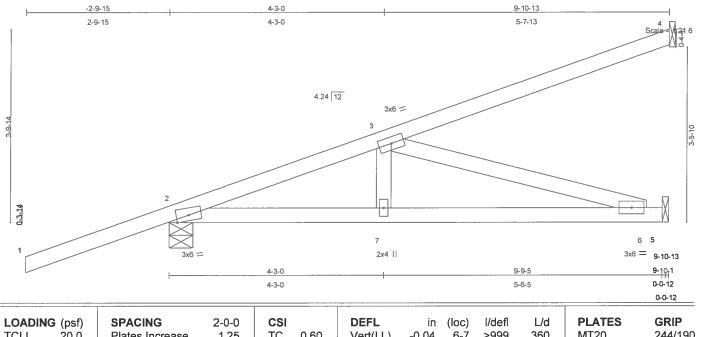
Vert: 2=-3(F=25, B=25)-to-3=-95(F=-21, B=-21), 2=-0(F=5, B=5)-to-4=-18(F=-4, B=-4)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
1.5					J.	1913219
L261974	HJ9	MONO TRUSS	3	1		
					Job Reference (optional)	

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MT20 0.60 >999 360 244/190 TCLL 20.0 Plates Increase 1.25 TC Vert(LL) -0.046-7 **TCDL** 7.0 Lumber Increase 1 25 BC 0.40 Vert(TL) -0.106-7 >999 240 0.34 **BCLL** 10.0 Rep Stress Incr NO **WB** Horz(TL) 0.01 5 n/a n/a **BCDL** Code FBC2004/TPI2002 Weight: 44 lb 5.0 (Matrix)

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

WEBS 2 X 4 SYP No.3 **BRACING**

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 4=267/Mechanical, 2=453/0-5-11, 5=219/Mechanical

Max Horz 2=269(load case 3)

Max Uplift 4=-231(load case 3), 2=-280(load case 3), 5=-64(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/50, 2-3=-637/115, 3-4=-105/65 **BOT CHORD** 2-7=-304/590, 6-7=-304/590, 5-6=0/0

WEBS 3-7=0/182, 3-6=-615/317

JOINT STRESS INDEX

2 = 0.78, 3 = 0.16, 6 = 0.17 and 7 = 0.13

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 231 lb uplift at joint 4, 280 lb uplift at joint 2 and 64 lb uplift at joint 5.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back

(B). Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES. J1913219
L261974	НЈ9	MONO TRUSS	3	1	31313213
					Job Reference (optional)

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LOAD CASE(S) Standard

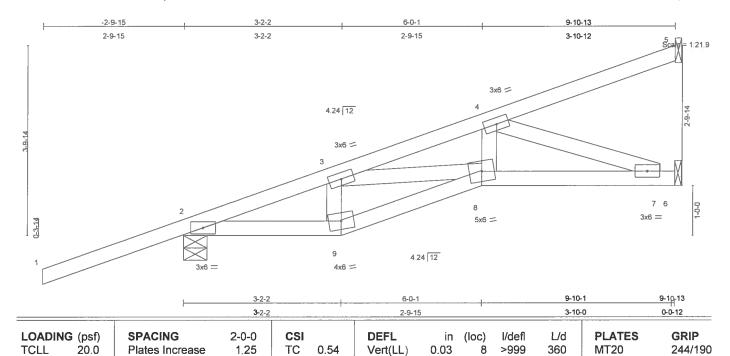
1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-2=-54 Trapezoidal Loads (plf)

Vert: 2=-3(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=-0(F=5, B=5)-to-5=-25(F=-7, B=-7)



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
					J191322)
L261974	HJ9A	SPECIAL	2	1		- [
					Job Reference (optional)	

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LUMBER

TCDL

BCLL

BCDL

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

7.0

10.0

5.0

2 X 4 SYP No.3 **WEBS**

BRACING

Vert(TL)

Horz(TL)

TOP CHORD

-0.05

0.02

Structural wood sheathing directly applied or

Weight: 47 lb

6-0-0 oc purlins.

>999

n/a

BOT CHORD

Rigid ceiling directly applied or 9-1-5 oc

240

n/a

bracing.

7-8

REACTIONS (lb/size) 5=186/Mechanical, 2=456/0-5-11, 6=299/Mechanical

1.25

NO

BC

WB

(Matrix)

0.30

0.24

Max Horz 2=268(load case 3)

Lumber Increase

Code FBC2004/TPI2002

Rep Stress Incr

Max Uplift 5=-159(load case 3), 2=-281(load case 3), 6=-134(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/50, 2-3=-461/13, 3-4=-897/329, 4-5=-74/46 **BOT CHORD** 2-9=-161/404, 8-9=-161/414, 7-8=-478/810, 6-7=0/0 **WEBS** 3-9=-185/127, 3-8=-353/457, 4-8=-17/274, 4-7=-857/506

JOINT STRESS INDEX

2 = 0.76, 3 = 0.22, 4 = 0.22, 7 = 0.23, 8 = 0.30 and 9 = 0.27

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 Ib uplift at joint 5, 281 lb uplift at joint 2 and 134 lb uplift at joint 6.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B). Continued on page 2

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Marning - 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 ode. For general guidance regarding storage, delivery, erection and bracing, consult 8CS-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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913220
L261974	HJ9A	SPECIAL	2	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:18 2007 Page 2

LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 1-2=-54

Trapezoidal Loads (plf)

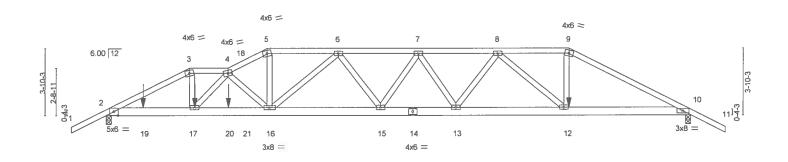
Vert: 2=-3(F=25, B=25)-to-5=-134(F=-40, B=-40), 2=-0(F=5, B=5)-to-9=-8(F=1, B=1), 9=-8(F=1, B=1)-to-8=-15(F=-2, B=-2), 8=-15(F=-2, B=-2)-to-6=-25(F=-7, B=-7)

ultualiteure. Lummer Troupteure Eleganecum il programationer del spresionale met Pulcu 128 d'Espechiel El Brifoca Cumanamenani Primey d'Alland



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	14040004
L261974	T01	SPECIAL	1			J1913221
					Job Reference (optional)	
Builders FirstSource,	6.300 s Apr 19	6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Nov 29 16:19:37 2007 Page 1				





	'	4-9-0	4-5-10		6-6-2		4-4-2	,	6-6-2	!	,	7-0-0	
Plate Offs	sets (X,Y): [2:0-	3-0,0-2-9]									1	
LOADING	G (psf)	SPA	ACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.Ó	Pla	tes Increase	1.25	TC	0.26	Vert(LL)	-0.20	15	>999	360	MT20	244/190
TCDL	7.0	Lun	nber Increase	1.25	BC	0.57	Vert(TL)	-0.39	15	>999	240		
BCLL	10.0	* Rep	Stress Incr	NO	WB	0.37	Horz(TL)	0.09	10	n/a	n/a		
BCDL	5.0	Cod	de FBC2004/Ti	PI2002	(Mat	rix)						Weight: 393 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

4-9-0

2 X 6 SYP No.1D BOT CHORD

2 X 4 SYP No.3 **WEBS**

BRACING TOP CHORD

20-0-14

Structural wood sheathing directly applied or 5-4-3

33-7-0

26-7-0

Rigid ceiling directly applied or 10-0-0 oc bracing. **BOT CHORD**

REACTIONS (lb/size) 2=3563/0-3-8, 10=2392/0-3-8

Max Horz 2=108(load case 5)

Max Uplift 2=-1034(load case 5), 10=-732(load case 6)

9-2-10

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/51, 2-3=-5883/1671, 3-4=-5368/1554, 4-18=-5715/1713, 5-18=-5637/1726, TOP CHORD

5-6=-5218/1614, 6-7=-6098/1929, 7-8=-5825/1874, 8-9=-4145/1357, 9-10=-4651/1465,

15-8-12

10-11=0/51

2-19=-1502/5224, 17-19=-1502/5224, 17-20=-1883/6429, 20-21=-1883/6429, **BOT CHORD**

16-21=-1883/6429, 15-16=-1854/5977, 14-15=-1905/6135, 13-14=-1905/6135,

12-13=-1694/5401, 10-12=-1239/4077

3-17=-665/2316, 4-17=-1600/540, 4-16=-1815/520, 5-16=-558/2067, 6-16=-1086/441, **WEBS**

6-15=-32/268, 7-15=-124/116, 7-13=-606/241, 8-13=-173/772, 8-12=-1759/639,

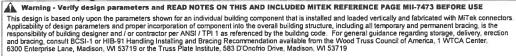
9-12=-498/1663

JOINT STRESS INDEX

2 = 0.70, 3 = 0.63, 4 = 0.65, 5 = 0.60, 6 = 0.41, 7 = 0.42, 8 = 0.41, 9 = 0.54, 10 = 0.73, 12 = 0.54, 13 = 0.42, 14 = 0.79, 15 = 0.42, 16 = 00.57 and 17 = 0.76

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Continued on page 2





Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
, , , , , ,						J1913221
L261974	T01	SPECIAL	1	2		
D 111 E 10	1				Job Reference (optional)	

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NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:

Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

- 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 3) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 5) Provide adequate drainage to prevent water ponding.
- 6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) All plates are 3x6 MT20 unless otherwise indicated.
- 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 1034 lb uplift at joint 2 and 732 lb uplift at joint 10.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 4-18=-54, 5-18=-118(F=-64), 5-9=-118(F=-64), 9-11=-54, 2-21=-10, 12-21=-22(F=-12), 10-12=-10 Concentrated Loads (lb)

Vert: 17=-404(F) 12=-411(F) 19=-1184(B) 20=-196(F)

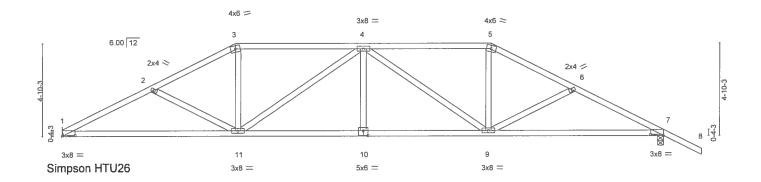
Jisainson Lewene Produks 등 제 Mosson com (제 Processor) 4 (12)(kolido Pirito Polido III) (제 Historio) 1 (12)(kolido Pirito Mosson III) (제 Mosson III) 나 (제 MOTO Composito Moto III) (제 III) (제 Moto Moto III)



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
L261974	T02	HIP	1	1	J1913222
					Job Reference (optional)

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L	9-0-0	15-8-3	22-4-6	31-4-6
ļ	9-0-0	6-8-3	6-8-3	9-0-0

Plate Of	fsets (X,Y): [1:0-8-0,0-0-10], [7	7:0-8-0,0-0)-10], [1	0:0-3-0,0)-3-0]						
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.16	1-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.31	1-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.09	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	2002	(Mat	rix)						Weight: 156 lb	

LUMBER	
TOP CHOPD	2 4 4 6 4 5

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
BOT CHORD

Structural wood sheathing directly applied or

4-3-13 oc purlins.

Rigid ceiling directly applied or 7-0-10 oc

bracing.

REACTIONS (lb/size) 1=993/Mechanical, 7=1117/0-3-8

Max Horz 1=-102(load case 7)

Max Uplift 1=-178(load case 6), 7=-272(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1890/1043, 2-3=-1648/913, 3-4=-1446/874, 4-5=-1424/848, 5-6=-1622/880,

6-7=-1845/974, 7-8=0/47

BOT CHORD 1-11=-782/1647, 10-11=-719/1741, 9-10=-719/1741, 7-9=-703/1582

WEBS 2-11=-245/252, 3-11=-178/429, 4-11=-461/188, 4-10=0/157, 4-9=-477/220,

5-9=-155/423, 6-9=-196/191

JOINT STRESS INDEX

1 = 0.65, 2 = 0.33, 3 = 0.67, 4 = 0.56, 5 = 0.67, 6 = 0.33, 7 = 0.65, 9 = 0.56, 10 = 0.41 and 11 = 0.56

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES. J1913222
L261974	T02	HIP	1		Job Reference (optional)

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NOTES

- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 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 178 lb uplift at joint 1 and 272 lb uplift at joint 7.

LOAD CASE(S) Standard

ulium Lere ruses despon English lorida restration of Result 1600 Chromodal Respondent Cynich Wassin I. Luddoc



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
(*)			İ		J1913223
L261974	T03	SPECIAL	1	1	
			-		Job Reference (optional)

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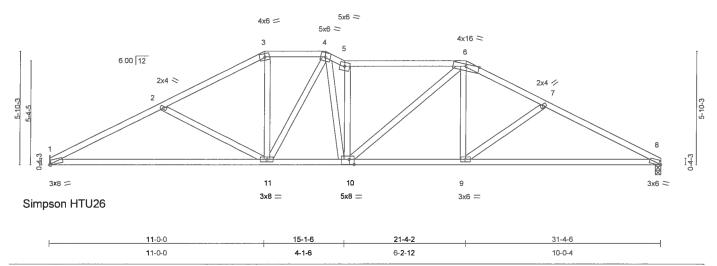


Plate Of	fsets (X,Y): [1:0-0-10,Edge], [8	3:0-1-5,0-0)-7], [10	:0-3-0,0-	3-0]						
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates increase	1.25	TC	0.38	Vert(LL)	-0.31	1-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	ВС	0.69	Vert(TL)	-0.60	1-11	>621	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.49	Horz(TL)	0.08	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	2002	(Mat	rix)	, ,					Weight: 164 lb	

LUMBER BRACING

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

BOT CHORD

TOP CHORD Structural wood sheathing directly applied or 4-2-4 oc purlins.

Rigid ceiling directly applied or 6-7-7 oc

bracing.

REACTIONS (lb/size) 1=997/Mechanical, 8=997/0-3-8

Max Horz 1=71(load case 5)

Max Uplift 1=-192(load case 6), 8=-232(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1862/1061, 2-3=-1531/882, 3-4=-1316/849, 4-5=-1819/1160, 5-6=-1542/968,

6-7=-1582/918, 7-8=-1830/1027

BOT CHORD 1-11=-865/1620, 10-11=-614/1395, 9-10=-611/1378, 8-9=-826/1580

WEBS 2-11=-363/343, 3-11=-204/430, 4-11=-284/102, 4-10=-603/920, 5-10=-1042/697,

6-10=-130/259, 6-9=-112/350, 7-9=-260/266

JOINT STRESS INDEX

1 = 0.84, 2 = 0.33, 3 = 0.51, 4 = 0.52, 5 = 0.65, 6 = 0.89, 7 = 0.33, 8 = 0.84, 9 = 0.34, 10 = 0.71 and 11 = 0.59

NOTES

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

ultum Lege nauge licegean Cradenson legione MI Fala II-leadh 1966 (Sementel Bony Milori Coverton Leadin, t. 1994) 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp. B; enclosed; MWFRS 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.

Continued on page 2



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
	T00	ODEO!A!	_		J1913223
L261974	T03	SPECIAL	1	1	Job Reference (optional)

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NOTES

- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 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 192 lb uplift at joint 1 and 232 lb uplift at joint 8.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODMAN	PARK - MO	ONTIQUE RE	S. J1913224
L261974	T04	HIP	1	1	Job Referen	ce (optional))	01313224
Builders FirstSo	ource, Lake City, FI 32055	6.	.300 s Apr 19 2006	MiTek Inc				7 Page 1
ļ	7-0-0		10-8-9		4-5-1	-	18-1-10	18-6-8
	7-0-0		3-8-9	3	-8-9		3-8-9	0-4-14 Scale: 3/8"=
		5x6 =	3x6 =			3x6 =		3x6
		2	3			4		5
	6.00 12				7			
								3-6-11
								3
7					<u> </u>			
3x8 =								A l l
		8 3x6 =		7 3x	.e =			6 4x10 =
Simpson H	TU26						Sim	pson HTU26
<u> </u>	7-0-0		12-7-8		+	18-6-8		
	7-0-0	-	5-7-8			5-11-0	<u> </u>	
OADING (psf		2-0-0 CSI 1.25 TC 0.48	DEFL Vert(LL)		oc) I/defl 1-8 >999	L/d 360	PLATES MT20	GRIP 244/190
CDL 7.0	Lumber Increase	1.25 BC 0.51	Vert(TL)	-0.17	1-8 >999	240	141120	244/190
BCLL 10.0 BCDL 5.0		NO WB 0.67 Pl2002 (Matrix)	Horz(TL)	0.03	6 n/a	n/a	Weight: 109) lb
.UMBER		<u> </u>	BRACING			1		
OP CHORD	2 X 4 SYP No.2		TOP CHORE		uctural wood			d or 4-1-4
OT CHORD	2 X 6 SYP No.1D		DOT OUGE	OC.	purlins, exce	ept end verti	icals.	

BOT CHORD

REACTIONS (lb/size) 1=1277/Mechanical, 6=1275/Mechanical

Max Horz 1=112(load case 5)

2 X 4 SYP No.3 *Except*

5-6 2 X 6 SYP No.1D

Max Uplift 1=-335(load case 5), 6=-423(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-2008/557, 2-3=-1745/532, 3-4=-1415/441, 4-5=-81/23, 5-6=-232/119

BOT CHORD 1-8=-529/1727, 7-8=-545/1658, 6-7=-390/1141

WEBS 2-8=-93/407, 3-8=-53/120, 3-7=-534/228, 4-7=-105/564, 4-6=-1421/492

JOINT STRESS INDEX

1 = 0.79, 2 = 0.68, 3 = 0.45, 4 = 0.45, 5 = 0.80, 6 = 0.28, 7 = 0.42 and 8 = 0.36

NOTES

WEBS

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Provide adequate drainage to prevent water ponding.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live
- 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 335 lb uplifts a connection (by others) of truss to bearing plate capable of withstanding 335 lb uplifts a connection to the connection of truss to bearing plate capable of withstanding 335 lb uplifts a connection to the connection of truss to bearing plate capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to bear in the capable of withstanding 335 lb uplifts a connection of truss to be a capable of withstanding 335 lb uplifts a connection of truss to be a capable of withstanding 335 lb uplifts a capable of joint 1 and 423 lb uplift at joint 6.
- 6) Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 7-0-0

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Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIJ-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, erect and bracing, consult BCSI-1 or HB-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'Onofrio Drive, Madison, WI 53719



Rigid ceiling directly applied or 10-0-0 oc bracing.

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
L261974	T04	HIP	1	1		J1913224
L201974	104	THE	'	'	Job Reference (optional)	

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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).

LOAD CASE(S) Standard

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

Vert: 1-2=-54, 2-5=-118(F=-64), 1-8=-85(F=-75), 6-8=-22(F=-12)



Job	Tı	uss	Truss Typ	е			Qty	Ply	WO	ODMAN	PARK - M	ONTIQUE RES	J1913225
L261974	T	05	HIP				1	1		Deferenc	o (antiona	IN.	31913225
Builders FirstS	Source, La	ke City, FI 32055			6.300	s Feb 15 2	2006 1	/liTek li			e (optiona l'hu Nov 2	9 15:33:23 2007	Page 1
<u> </u>	4-7-1	5	9-0		-				1-10			18-6-8	⊣
	4-7-1	5	4-4	-1	4x6	_		7-1	I-10			2-4-14	Scale = 1 32 9
					3	_					5x:	14 =	
		6.00 12		//							A	3x6	s =
		2x4 =	//						//	//		7	
4-10-3						i	_	//					4-10-3
	//						//						3-7-12
57													
3x6 =					9			8			7	6	
Simpson HTU2	26				3x8	3 ==		3x6 =			3x		son HTU26
		9-0-0 9-0-0			+				1-10 -10			18-6-8 2-4-14	-
Plate Offsets	(X,Y): [1:0-1-1,0-0-7]											
	0.0 P	PACING lates Increase umber Increase	2-0-0 1.25 1.25	CSI TC BC	0.37 0.41	DEFL Vert(LL Vert(TL	.) -(0.13 0.25	(loc) 1-9 1-9	I/defl >999 >879	L/d 360 240	PLATES MT20	GRIP 244/190
BCLL 10 BCDL 5		tep Stress Incr code FBC2004/TP	YES 912002	WB (Matri	0.28 ix)	Horz(TI	L) (0.02	6	n/a	n/a	Weight: 100	lb
LUMBER TOP CHORD BOT CHORD	2 X 4 S	YP No.2				BRACII TOP CI	HORD	5	5-11-6	oc purlin	s, excep	g directly appli t end verticals.	
WEBS	2 X 4 S	YP No.3				BOT CI	HORD		Rigid c oracing	_	ectly appl	lied or 6-0-0 oc	

REACTIONS (lb/size) 1=587/Mechanical, 6=587/Mechanical

Max Horz 1=123(load case 6)

Max Uplift 1=-121(load case 6), 6=-107(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-1012/551, 2-3=-762/415, 3-4=-641/424, 4-5=-339/201, 5-6=-581/332

BOT CHORD 1-9=-599/868, 8-9=-164/303, 7-8=-164/303, 6-7=-9/4

WEBS 2-9=-253/256, 3-9=-22/150, 4-9=-242/414, 4-7=-410/280, 5-7=-302/556

JOINT STRESS INDEX

1 = 0.84, 2 = 0.33, 3 = 0.70, 4 = 0.99, 5 = 0.45, 6 = 0.33, 7 = 0.41, 8 = 0.15 and 9 = 0.56

NOTES

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

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp. B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

5) All hearing page assumed to be SYP No.2 crushing capacity of 565.00 psi

Julian Lew Trayes Services Enderfort Flating PIE To 3-1861b 1 100 Communication Plant





Job .	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913225
L261974	T05	HIP	1	1	
		100			Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:23 2007 Page 2

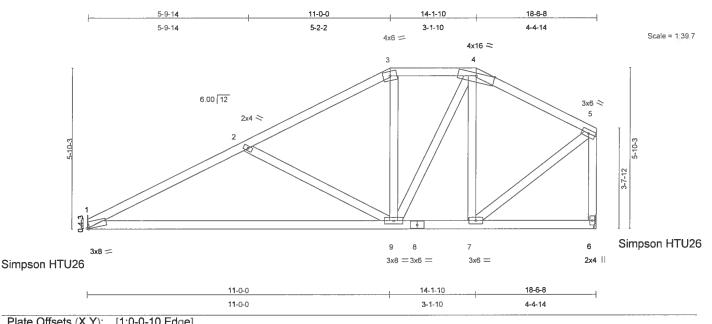
NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 1 and 107 lb uplift at joint 6.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
		·			J19132	226
L261974	T06	HIP	1	1		
					Job Reference (optional)	
Buildere EiretSource	Lake City El 32055	6 300 c Eeb 15	2006 1	liTek In	dustries Inc. Thu Nov 29 15:33:24 2007 Page	1



Flate Of	15615 (7, 1). [1.0-0-10,⊑uge]										
LOADIN	IG (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)	-0.28	1-9	>775	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.53	1-9	>418	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.25	Horz(TL)	0.02	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 104 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

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

BRACING

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 5-10-8 oc purlins, except end verticals. Rigid ceiling directly applied or 8-1-3 oc

bracing.

REACTIONS (lb/size) 1=587/Mechanical, 6=587/Mechanical

Max Horz 1=135(load case 6)

Max Uplift 1=-128(load case 6), 6=-109(load case 6)

FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-967/542, 2-3=-626/357, 3-4=-496/372, 4-5=-456/288, 5-6=-554/352

BOT CHORD 1-9=-577/825, 8-9=-192/354, 7-8=-192/354, 6-7=-19/28

WEBS 2-9=-373/354, 3-9=-3/147, 4-9=-150/337, 4-7=-277/151, 5-7=-224/422

JOINT STRESS INDEX

1 = 0.81, 2 = 0.33, 3 = 0.42, 4 = 0.48, 5 = 0.65, 6 = 0.52, 7 = 0.34, 8 = 0.62 and 9 = 0.61

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

5) All hearings age assumed to be SYP No.2 crushing capacity of 565.00 psi

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November 29,2007

Marning - 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 MTek 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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
			1.		J1913226
L261974	T06	HIP	1	1	
					Job Reference (optional)

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NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 128 lb uplift at joint 1 and 109 lb uplift at joint 6.

LOAD CASE(S) Standard

Judicia Liera Truca Creacon Creampear Cloride Microsoffias Missi Liber Communifias Missi LOVITON LOSCO, L. Company



Job	Truss	Truss Ty	ре	Qty	Ply	WC	ODMAN	PARK - M	ONTIQUE RE	ES. J1913227
L261974	Т07	соммо	N	1		1	D - f	- / ! 1		31913227
Builders FirstSou	rce, Lake City, FI 3205	5	6.300	s Feb 15 200	6 MiTek			e (optional Thu Nov 2		007 Page 1
	6-11	-6		12-6-13			18-6	-8		
	6-11			5-7-7	5x6	=	5-11-		 1	Scale = 1:40 5
6-7-9		6.00 12	2x4 \\		3				3×6 4	
Simpson HTU2	3x6 = 6			6 3x6 =					5 S 3x6 =	impson HTU26
		9-1-15		1		18-6 9-4-				
Plate Offsets (X,	Y): [1:0-0-10,Edge]	9-1-15			100111111111111111111111111111111111111	9-4-	9		-	
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING Plates Increase Lumber Increase * Rep Stress Incr Code FBC2004/	YES	CSI TC 0.55 BC 0.43 WB 0.23 (Matrix)	DEFL Vert(LL) Vert(TL) Horz(TL)	in -0.12 -0.25 0.02	(loc) 1-6 1-6 5	l/defl >999 >876 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 93	GRIP 244/190
LUMBER TOP CHORD 2 BOT CHORD 2 WEBS 2			L	BRACING TOP CHOI BOT CHOI WEBS	RD RD	5-11-1 Rigid of bracing T-Brace Faster with 10	3 oc purliceiling dir g. ce: n T and I	ins, exce ectly appl braces to on wire n	g directly ap pt end vertic ied or 8-4-3 2 X 4 SYF narrow edg ails, 9in o.c.,	als. oc ^o No.3 - 3-5 e of web

REACTIONS (lb/size) 1=587/Mechanical, 5=587/Mechanical

Max Horz 1=144(load case 6)

Max Uplift 1=-132(load case 6), 5=-124(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-947/498, 2-3=-742/482, 3-4=-135/115, 4-5=-190/162

BOT CHORD 1-6=-522/778, 5-6=-221/389

WEBS 2-6=-343/325, 3-6=-256/457, 3-5=-499/292

JOINT STRESS INDEX

1 = 0.87, 2 = 0.33, 3 = 0.49, 4 = 0.36, 5 = 0.68 and 6 = 0.44

NOTES

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

Continued on page 2

Juliana Leem Telega Composit Chairman Planta Pp Flor 3-18005 1 100 Communistay Wive 2007100 USBCN LE SSA

Brace must cover 90% of web length.



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
			ĺ		J	J1913227
L261974	T07	COMMON	1	1		
					Job Reference (optional)	

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NOTES

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *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 132 lb uplift at joint 1 and 124 lb uplift at joint 5.

LOAD CASE(S) Standard

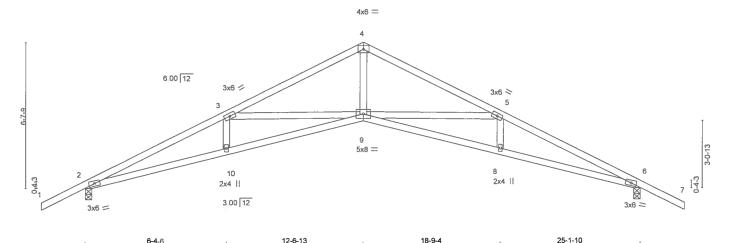
Literan Lange Truppe dicement Trackmanner Filosofan Filo Italia III BEOLD I 84754 Christonia III may 4915-24



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
				l .	J1913228
L261974	T08	SCISSOR	9	1	Job Reference (optional)

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		6-4-6	<u> </u>	6-2-7		,	6-2-7			6-4-6	,	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.35	Vert(LL)	0.23	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.42	9-10	>707	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.30	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 114 lb	

12-6-13

LUMBER

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

2 X 4 SYP No.3 **WEBS**

BRACING

TOP CHORD

18-9-4

Structural wood sheathing directly applied or

3-8-9 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 6-6-13 oc

REACTIONS (lb/size) 2=911/0-3-8, 6=911/0-3-8

6-4-6

Max Horz 2=-109(load case 7)

Max Uplift 2=-268(load case 6), 6=-268(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/46, 2-3=-2538/1188, 3-4=-1806/810, 4-5=-1806/810, 5-6=-2538/1188,

BOT CHORD 2-10=-909/2253, 9-10=-914/2257, 8-9=-914/2257, 6-8=-909/2253 **WEBS** 3-10=0/187, 3-9=-691/484, 4-9=-440/1199, 5-9=-691/484, 5-8=0/187

JOINT STRESS INDEX

2 = 0.79, 3 = 0.39, 4 = 0.75, 5 = 0.39, 6 = 0.79, 8 = 0.33, 9 = 0.69 and 10 = 0.33

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) *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

Continued on page 2

Marning - 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 MTek 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 ode. 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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	7
					J1913228	
L261974	T08	SCISSOR	9	1		
		200			Job Reference (optional)	

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NOTES

- 5) Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 268 lb uplift at joint 2 and 268 lb uplift at joint 6.

LOAD CASE(S) Standard

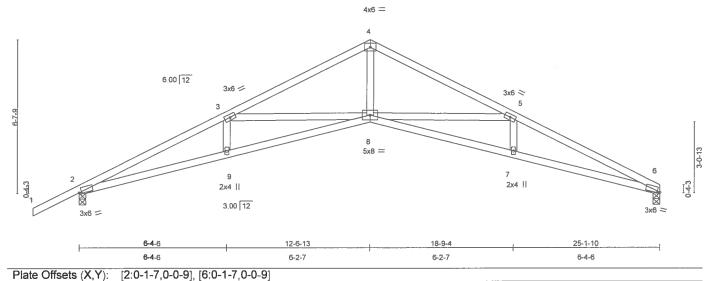
Julius Lower Truck Conton Engineer Historia Pin No. 3-18666 Historia Pin Hay Historia House Anna Lower



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913229
L261974	T09	SCISSOR	5	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:26 2007 Page 1





GRIP LOADING (psf) **SPACING** 2-0-0 CSI DEFL in (loc) I/defl L/d **PLATES** TC 360 MT20 244/190 20.0 1.25 0.37 Vert(LL) 8-9 >999 TCLL Plates Increase 0.26 **TCDL** 7.0 Lumber Increase 1.25 BC 0.56 Vert(TL) -0.438-9 >693 240 10.0 Rep Stress Incr **WB** 0.51 **BCLL** YES Horz(TL) 0.31 n/a n/a Code FBC2004/TPI2002 Weight: 111 lb **BCDL** 5.0 (Matrix)

LUMBER

WEBS

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 2 X 4 SYP No.3 **BRACING**

TOP CHORD

BOT CHORD

3-7-2 oc purlins. Rigid ceiling directly applied or 5-7-11 oc

Structural wood sheathing directly applied or

bracing.

REACTIONS (lb/size) 6=790/0-3-8, 2=916/0-3-8

Max Horz 2=122(load case 6)

Max Uplift 6=-173(load case 7), 2=-269(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/46, 2-3=-2560/1298, 3-4=-1826/922, 4-5=-1827/924, 5-6=-2614/1387

BOT CHORD 2-9=-1087/2273, 8-9=-1092/2276, 7-8=-1180/2331, 6-7=-1182/2331

WEBS 3-9=0/187, 3-8=-691/481, 4-8=-545/1219, 5-8=-746/568, 5-7=0/191

JOINT STRESS INDEX

2 = 0.78, 3 = 0.39, 4 = 0.74, 5 = 0.39, 6 = 0.78, 7 = 0.33, 8 = 0.71 and 9 = 0.33

NOTES

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

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp. B; enclosed; MWFRS 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) *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 Continued on page 2

November 29,2007

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



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913229
L261974	T09	SCISSOR	5	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:26 2007 Page 2

NOTES

- 5) Bearing at joint(s) 6, 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 173 lb uplift at joint 6 and 269 lb uplift at joint 2.

LOAD CASE(S) Standard

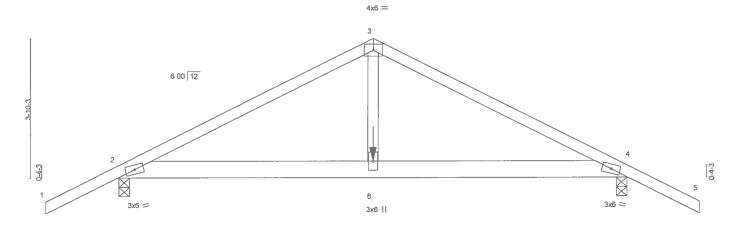
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fop	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	1913230
L261974	T10	COMMON	1	1	Job Reference (optional)	1913230

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LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.03	6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.06	6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.02	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TI	PI2002	(Mat	rix)						Weight: 68 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D

2 X 4 SYP No.3 **WEBS**

BRACING

TOP CHORD

Structural wood sheathing directly applied or

4-10-10 oc purlins.

14-0-0

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=965/0-3-8, 4=965/0-3-8

Max Horz 2=-79(load case 6)

Max Uplift 2=-343(load case 5), 4=-343(load case 6)

7-0-0

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/51, 2-3=-1514/436, 3-4=-1514/435, 4-5=0/51 TOP CHORD

BOT CHORD 2-6=-330/1280, 4-6=-330/1280

WEBS 3-6=-251/911

JOINT STRESS INDEX

2 = 0.80, 3 = 0.59, 4 = 0.80 and 6 = 0.29

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 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 343 lb uplift at joint 2 and 343 lb uplift at joint 4.

6) Girder carries hip end with 7-0-0 end setback. Continued on page 2

jis i se i see ee Deen Allesgeberger Allesgeberger produkt programmen i deel betrieberg produkterse sekset Programmen i deel berd programmen i deel bestelle betrieberger

November 29,2007

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 odd. For general guidance regarding storage, delivery, erection and bracing, consult 8CS-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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	7
					J1913230	
L261974	T10	COMMON	1	1		
					Job Reference (optional)	

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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).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-3=-54, 3-5=-54, 2-4=-10 Concentrated Loads (lb) Vert: 6=-821(F)



lob		Truss	Truss Typ	oe .		Qty	Ply	WC	ODMAN	PARK - N	ONTIQUE RE	S.
1.004074												J1913231
L261974		T11	COMMON	N		1		1 loh	Referenc	e (optiona	P.	
Builders First	tSource.	, Lake City, FI 32055		6.30	0 s Feb 15	2006	MiTek	Industr	ies, Inc.	Thu Nov 2	9 15:33:27 200	07 Page 1
		•										_
-2-0	-0		7-0-0						4-0-0			16-0-0
2-0-	-0		7-0-0					7	'-O-O			2-0-0 Scale = 1 30 0
					5x6 ==							
Ī					3							
					4							
		6.00 12										
7												
3-10-3												
											4	
[4 23	2											[4 15
1.8												5 10
1		≤) 3x6 =			6 2x4						3x6 =	
					234 11							7
			7-0-0		,			14	1-0-0		1	
			7-0-0		1			7	-0-0		-	
LOADING (psf)	SPACING	2-0-0	CSI	DEFL		in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 2	0.0	Plates Increase	1.25	TC 0.31	Vert(LI		-0.04	2-6	>999	360	MT20	244/190
	7.0	Lumber Increase	1.25	BC 0.26	Vert(TI	•	-0.08	2-6	>999	240		
	0.0 5.0	 Rep Stress Incr Code FBC2004/TP 	YES	WB 0.08 (Matrix)	Horz(T	L)	0.01	4	n/a	n/a	Weight: 56	lh
DODL	3.0	Code FBC2004/TF	12002	(IVIALIIX)							vveigiti. 50	
LUMBER					BRACI		_		_			
TOP CHORI	D 2 X 4	4 SYP No.2			TOP C	HORI	כ	Structu	ıral wood	I sheathir	ig directly app	lied or

BOT CHORD

6-0-0 oc purlins.

bracing.

Rigid ceiling directly applied or 10-0-0 oc

REACTIONS (lb/size) 2=555/0-3-8, 4=555/0-3-8

2 X 4 SYP No.3

Max Horz 2=-77(load case 7)

Max Uplift 2=-194(load case 6), 4=-194(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-614/313, 3-4=-614/313, 4-5=0/47

BOT CHORD 2-6=-93/475, 4-6=-93/475

WEBS 3-6=0/236

BOT CHORD 2 X 4 SYP No.2

JOINT STRESS INDEX

2 = 0.45, 3 = 0.64, 4 = 0.45 and 6 = 0.17

NOTES

WEBS

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

- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp. B; enclosed; MWFRS 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) *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
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 194 lb uplift at joint 2 and 194 lb uplift at joint 4. Continued on page 2

November 29,2007

▲ 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 connector. 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 BCS-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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913231
L261974	T11	COMMON	1	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:27 2007 Page 2

LOAD CASE(S) Standard

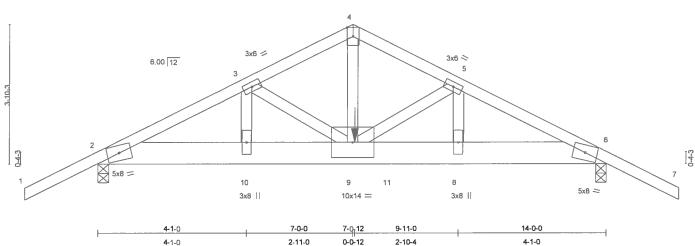


Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913232
L261974	T12	COMMON	1	1	
					Job Reference (optional)

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4x6 ||



		4-1-0			- 11-0	0-0-12 2-	10-4			4-1-0		
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L∕d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	-0.07	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.13	8-9	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.70	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 91 lb	
				l								

LUMBER

TOP CHORD 2 X 4 SYP No.2

WEBS

BOT CHORD 2 X 8 SYP No.1D 2 X 4 SYP No.3

BRACING

TOP CHORD

Structural wood sheathing directly applied or

3-1-8 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 2=1524/0-3-8, 6=2412/0-3-8

Max Horz 2=81(load case 5)

Max Uplift 2=-462(load case 5), 6=-708(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/53, 2-3=-2726/671, 3-4=-2696/714, 4-5=-2689/714, 5-6=-3641/920, 6-7=0/53 2-10=-573/2400, 9-10=-573/2400, 9-11=-786/3226, 8-11=-786/3226, 6-8=-786/3226 **BOT CHORD**

WEBS 3-10=-163/100, 3-9=-63/93, 4-9=-574/2195, 5-9=-1022/291, 5-8=-205/818

JOINT STRESS INDEX

2 = 0.74, 3 = 0.59, 4 = 0.49, 5 = 0.59, 6 = 0.74, 8 = 0.26, 9 = 0.32 and 10 = 0.26

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 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 462 lb uplift at joint 2 and 708 lb uplift at joint 6.
- 6) Girder carries tie-in span(s): 18-6-8 from 8-0-0 to 14-0-0 Continued on page 2

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November 29,2007

Marning - 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 odd. 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'Onofrio Drive, Madison, WI 53719



Job .	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
1.004074	T10	CORABAONI	4		J1913232
L261974	112	COMMON	'	'	Job Reference (optional)

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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).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-4=-54, 4-7=-54, 2-11=-10, 6-11=-275(F=-265) Concentrated Loads (lb) Vert: 9=-1277(F)



Job	Truss	Truss Type)	Qty	Ply	W	OODMA	N PARK - I	MONTIQUE RES	J1913233
L261974	T13	SPECIAL		1		1	D-f	/*:	- h	01010200
Builders First	Source, Lake City, FI 32	055	6.30	0 s Apr 19 200	6 MiTek I	Jot	ies, Inc.	nce (option Thu Nov 2	29 16:24:09 2007	Page 1
-2-0	0 2-3-8	4-3-8	7-0-0) ,	9-8-8	В		11-8-8	14-0-0	
2-0-	0 2-3-8	2-0-0	2-8-{	3	2-8-8	В		2-0-0	2-3-8	Scale = 1 26 8
				4x6 =						
				5						
			3x6 =				3x6 <>			
	6.00	12	4				6			
3-10-3		3x6 =	1				*		3x6 <>	
Ä	3						1		7	
			9				H			. [
	2		12	11			10			1-1-50
14			5x8 =	6x8 =			5x8 ≈			[4]
1	3x6 =	13 6.00 1	2						9	3x6 =
	3.0 —	5x6 =							5x6 ==	
	2-3-8	4-3-8	-	9-8-8				11-8-8	14-0-0	———
	2-3-8	2-0-0		5-5-0				2-0-0	2-3-8	
LOADING (p		2-0-0	CSI TC 0.27	DEFL	in -0.08	(loc) 11	l/defl >999	L/d 360	PLATES MT20	GRIP 244/190
	7.0 Plates Increas 7.0 Lumber Increa		BC 0.51	Vert(LL) Vert(TL)	-0.06	11	>999	240	IVITZU	244/150
BCLL 10 BCDL 5	* Rep Stress Inc Code FBC200		WB 0.49 (Matrix)	Horz(TL)	0.10	8	n/a	n/a	Weight: 75 lb	ı
	Code i BO200	771112002	(mann)						7 VOIGITE 7 0 10	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2 *Except* 10-12 2 X 6 SYP No.1D

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-8-4

oc purlins.

BOT CHORD Rigid ceiling directly applied or 9-4-14 oc bracing.

REACTIONS (lb/size) 8=840/0-3-8, 2=974/0-3-8

Max Horz 2=90(load case 5)

Max Uplift 8=-259(load case 6), 2=-360(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-1549/455, 3-4=-2727/827, 4-5=-1966/643, 5-6=-1966/640, 6-7=-2770/857,

7-8=-1644/511

2-13=-358/1312, 12-13=-371/1373, 11-12=-711/2354, 10-11=-691/2385, 9-10=-443/1478, **BOT CHORD**

8-9=-424/1411

3-13=-597/207, 3-12=-395/1183, 4-12=-125/525, 4-11=-662/216, 6-11=-696/236, **WEBS**

6-10=-152/565, 7-10=-326/1121, 7-9=-601/198, 5-11=-504/1538

JOINT STRESS INDEX

2 = 0.69, 3 = 0.58, 4 = 0.42, 5 = 0.74, 6 = 0.42, 7 = 0.58, 8 = 0.69, 9 = 0.38, 10 = 0.79, 11 = 0.39, 12 = 0.79 and 13 = 0.38

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.

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

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November 29,2007

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'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type		Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
						J1913233	
L261974	T13	SPECIAL		1	1		
						Job Reference (optional)	
Builders FirstSource	6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Nov 29 16:24:09 2007 Page 2						

NOTES

- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 259 lb uplift at joint 8 and 360 lb uplift at joint
- 6) Girder carries hip end with 7-0-0 end setback.
- 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: 1-5=-54, 5-8=-54, 2-13=-10, 12-13=-10, 10-12=-10, 9-10=-10, 8-9=-10

Concentrated Loads (lb)

Vert: 11=-821(F)

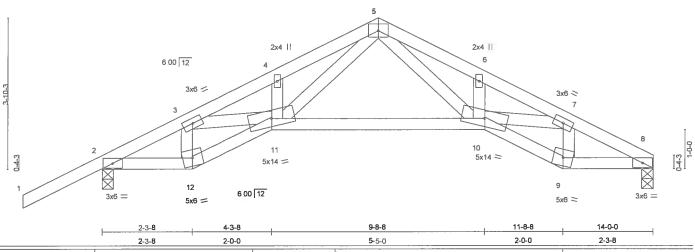


γob	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
						J1913234
L261974	T14	SPECIAL	3	1		
					Job Reference (optional)	

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:31 2007 Page 1



4x6 =



		2-3-0	2-0-0			3-3-0				t-0-0		
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.05	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.09	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.18	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	PI2002	(Mat	rix)						Weight: 70 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

5-10-6 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 8=430/0-3-8, 2=564/0-3-8

Max Horz 2=90(load case 6)

Max Uplift 8=-94(load case 7), 2=-195(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-695/317, 3-4=-1094/570, 4-5=-1082/640, 5-6=-1115/695,

6-7=-1137/631, 7-8=-789/472

BOT CHORD 2-12=-220/571, 11-12=-223/599, 10-11=-216/579, 9-10=-394/702, 8-9=-381/669 WEBS 3-12=-275/166, 3-11=-219/421, 4-11=-115/133, 5-11=-283/531, 5-10=-354/574,

6-10=-106/120, 7-10=-109/355, 7-9=-276/167

JOINT STRESS INDEX

2 = 0.56, 3 = 0.20, 4 = 0.07, 5 = 0.43, 6 = 0.07, 7 = 0.20, 8 = 0.56, 9 = 0.18, 10 = 0.19, 11 = 0.19 and 12 = 0.18

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

 *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 Continued on page 2 $\,$

Julius Less Tribe Lesson Endstoor Tribeds ME No distant The Cassad Bay North Lovien Ussen, e. Surse

November 29,2007

🛕 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 ode. For general guidance regarding storage, delivery, erection and bracing, consult BCS-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'Onofrio Drive, Madison, WI 53719



·lop	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913234
L261974	T14	SPECIAL	3	1	
					Job Reference (optional)

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:31 2007 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 8 and 195 lb uplift at joint 2.

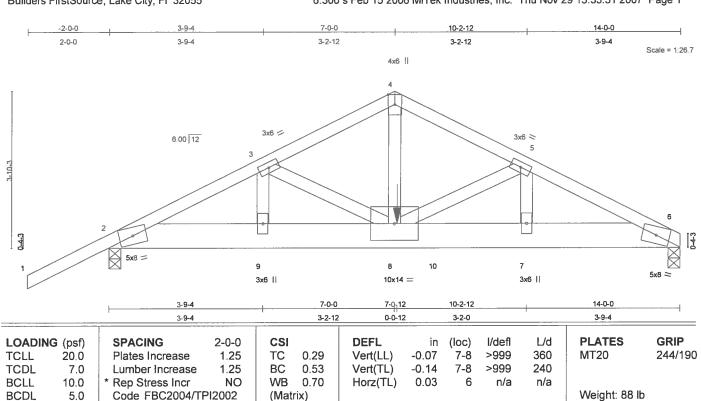
LOAD CASE(S) Standard

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Jop	Truss	Truss Type		Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
						J19	13235
L261974	T15	COMMON		1	1		
						Job Reference (optional)	
Builders EiretSource	Lake City EL 32055		6 300 c Feb 15	2006 N	liTek In	dustries Inc. Thu Nov 29 15:33:31 2007 Pa	ne 1

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:31 2007



LUMBER

TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 8 SYP No.1D

2 X 4 SYP No.3 **WEBS**

BRACING

TOP CHORD

Structural wood sheathing directly applied or

3-1-1 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc

bracing.

REACTIONS (lb/size) 6=2265/0-3-8, 2=1527/0-3-8

Max Horz 2=96(load case 5)

Max Uplift 6=-602(load case 6), 2=-462(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

1-2=0/54, 2-3=-2721/679, 3-4=-2718/735, 4-5=-2717/726, 5-6=-3744/985 TOP CHORD

BOT CHORD 2-9=-585/2401, 8-9=-585/2401, 8-10=-851/3324, 7-10=-851/3324, 6-7=-851/3324

WEBS 3-9=-191/109, 3-8=-71/119, 4-8=-583/2197, 5-8=-1061/329, 5-7=-199/771

JOINT STRESS INDEX

2 = 0.75, 3 = 0.55, 4 = 0.49, 5 = 0.55, 6 = 0.75, 7 = 0.24, 8 = 0.32 and 9 = 0.24

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 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 602 Ib uplift at joint 6 and 462 lb uplift at joint 2.
- 6) Girder carries tie-in span(s): 18-6-8 from 8-0-0 to 14-0-0 Continued on page 2 $\,$

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November 29,2007

Marning - 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 occ. 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'Onofrio Drive, Madison, WI 53719

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
			_		J1913235
L261974	T15	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:32 2007 Page 2

NOTES

7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25 Uniform Loads (plf) Vert: 1-4=-54, 4-6=-54, 2-10=-10, 6-10=-270(F=-260) Concentrated Loads (lb) Vert: 8=-1277(F)



ʻlop .	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
					J1913236
L261974	T16	COMMON	1	1	
					Job Reference (optional)
Builders FirstSor	rce, Lake City, FI	32055	6.300 s Feb 15 2006	MiTek II	ndustries, Inc. Thu Nov 29 15:33:32 2007 Page 1

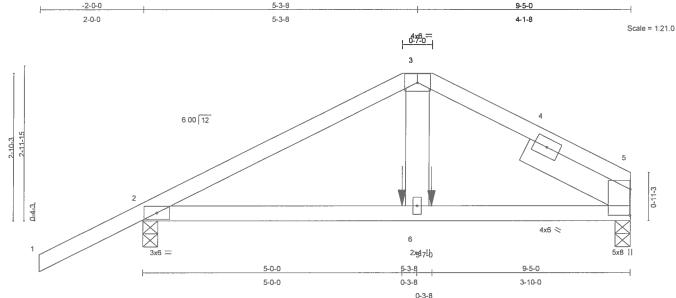


Plate Of	fsets (X,Y): [5:0-6-0,0-0-2]										
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	Vert(LL)	0.04	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.04	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	212002	(Mat	rix)						Weight: 44 lb	
						1						

LUMBER

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

2 X 6 SYP No.1D **WEBS**

SLIDER Right 2 X 6 SYP No.1D 2-3-13 **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) 5=490/0-3-8, 2=592/0-3-8

Max Horz 2=80(load case 5)

Max Uplift 5=-286(load case 6), 2=-375(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-716/396, 3-4=-672/399, 4-5=-734/380

BOT CHORD 2-6=-297/573, 5-6=-297/573

WEBS 3-6=-296/416

JOINT STRESS INDEX

Continued on page 2

2 = 0.35, 3 = 0.15, 4 = 0.00, 5 = 0.42, 5 = 0.26 and 6 = 0.30

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.

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

November 29,2007

Marming - 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	WOODMAN PARK - MONTIQUE RES.
					J1913236
L261974	116	COMMON	1	1	Ich Reference (antional)
					Job Reference (optional)

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:32 2007 Page 2

NOTES

- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 5 and 375 lb uplift at joint 2.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Vert: 1-3=-54, 3-5=-54, 2-5=-10

Concentrated Loads (lb) Vert: 6=-373(F)



Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.	
			1.		J191323	37
L261974	T17	COMMON	1	1		
					Job Reference (optional)	

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:33 2007 Page 1

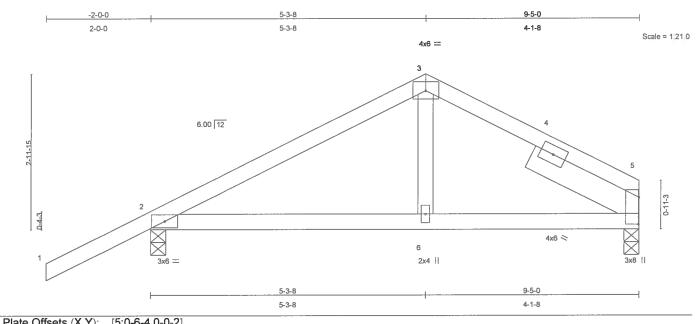


Plate Of	isets (A, t). [5.0-6-4,0-0-2]		T							T	
LOADIN	IG (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.05	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.15	Vert(TL)	-0.03	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TF	P12002	(Mat	rix)						Weight: 42 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

Right 2 X 6 SYP No.1D 2-4-6

BRACING

TOP CHORD

Structural wood sheathing directly applied or

6-0-0 oc purlins.

BOT CHORD

Rigid ceiling directly applied or 9-9-11 oc

bracing.

REACTIONS (lb/size) 5=283/0-3-8, 2=426/0-3-8

Max Horz 2=80(load case 6)

Max Uplift 5=-175(load case 7), 2=-286(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/47, 2-3=-373/544, 3-4=-271/565, 4-5=-362/541

BOT CHORD 2-6=-391/271, 5-6=-391/271

WEBS 3-6=-270/149

JOINT STRESS INDEX

2 = 0.52, 3 = 0.47, 4 = 0.00, 5 = 0.61, 5 = 0.19 and 6 = 0.11

NOTES

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

2) Wind: ASCE 7-02; 110mph (3-second gust); h=12ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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.

dubus Less Truce Costan Endrock Florida Mis No. 3-1898 t 100 Cessial Bay Alvei Beynton Lesson, to 19405

3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other

Colination page 2





Job +	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MONTIQUE RES.
L261974	T17	COMMON	1	1	J1913237
1201974	117	Colvivion	'	'	Job Reference (optional)

Builders FirstSource, Lake City, FI 32055

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Nov 29 15:33:33 2007 Page 2

NOTES

- 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 175 lb uplift at joint 5 and 286 lb uplift at joint 2.

LOAD CASE(S) Standard

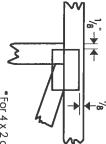


Symbols

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 of truss and vertical web. plates 1/8" from outside edge



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

PLATE SIZE

4 × 4

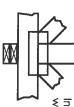
dimension is the length parallel The first dimension is the width perpendicular to slots. Second to slots.

LATERAL BRACING



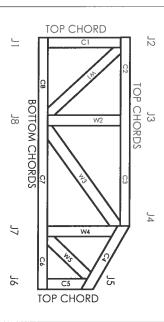
continuous lateral bracing. Indicates location of required

BEARING



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

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

ICBO

3907, 4922 96-31, 96-67

ВОСА

SBCCI

WISC/DILHR

960022-W, 970036-N

9667, 9432A

561

ZER





MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Damage or Personal Injury Failure to Follow Could Cause Property

- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Ņ Cut members to bear tightly against each other.

ω

- 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 (± 6" from adjacent joint.)

ç

Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.

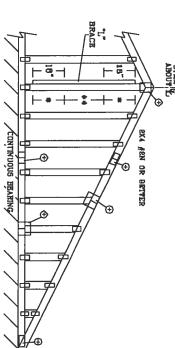
- ٥. Unless expressly noted, this design is not applicable for use with fire retardant or
- 7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General preservative treated lumber.
- œ Plate type, size and location dimensions shown indicate minimum plating requirements practice is to camber for dead load deflection.
- % Lumber shall be of the species and size, and in all respects, equal to or better than the

grade specified

- Top chords must be sheathed or purlins provided at spacing shown on design.
- 11. Bottom chords require lateral bracing at 10 unless otherwise noted. ft. spacing, or less, if no ceiling is installed
- 12. Anchorage and / or load transferring others unless shown. connections to trusses are the responsibility of
- 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.
- Care should be exercised in handling. erection and installation of trusses
- © 1993 MiTek® Holdings, Inc.

ASCE 7-02: 130 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, Н Ш 1.00, EXPOSURE C

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]	M	A	X		C	ł/	ΛI	31		E		V	E	R	Τ	ľ	C	A	L		L	E	N	C	Γ	Ή	
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	STANDARD	STUD	*3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	† 3	## 83	# 3	STANDARD	STUD	#3	\$1 / #2	STANDARD	STUD	#3	#23	4 1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 3"	4.4	4.	4. 7"	4 8	4, 5,	4, 2,	4. 2"	4.	3, TO.	4 0"	4. 0.	4. 2"	4' 3"	3. 8,	3' 9"	3' 8"	3, 10,	ω <u>.</u>	3 6	3. 6.	3, 5,	3' 8"	3. 3.	3' 3"	_ ~I	3 4	BRACES	Z O
	6 1*	7' 1"	7, 5,	7' 4"	7' 4"	6' 11"	6' 11"	6' 11"	7' 4"	5" 3"	6 1"	6. 5.	6 8	6 8	5. 8.	8, 0,	B' 0*	6. 8,	4. 3.	5' 0"	5. 0.	6, TO.,	5 10"	4. 2.	4' 11"	-1	6, 10.	GROUP A	(1) JX4 "
	6' 1"	7' 1"	7, 5,	7' 11"	7' 11"	6' 11"	6 11	6' 11"	7' 7"	5' 3"	6'1"	6. 5.	7' 2"	7' 2"	6, 5,	6. 0.	6'0"	6' 10"	4. 3.	5' 0"	6. O.	6, 3,	6' 3"	4. 5.	4' 11"	4' 11"	6. O.	GROUP B	IX4 "L" BRACE •
	8 0	8. 8.	B, 8,	B* 9"	8, 8,	7' 10"	8, 8,	6, 8,	8. 8.	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 10"	7' 11"	7' 11"	7' 11"	5' 8"	8' 7"	6. 3.	6' 11"	6' 11"	5' 6"	6, 2,	6. 6.	6. 11.	GROUP A	(1) 2X4
MAS	8' 0"	9. S.	9' 2"	9, 2,	8, 2,	7' 10"	& 9"	0' 8"	8' 11"	6' 11"	B' 1"	B. 22	B. 6.	B 6*	6' 10"	7' 11"	7' 11"	8 1"	5. 8.	6' 7"	Çî.	7' 5"	7' 5"	5 6	6, 6,	6.6	7' 1"	GROUP B	(1) 2X4 "L" BRACE • (2) 2X4 "L" BRACE ••
A MINAS	10' 5"	10' 6"	10′ 5″	1	10, 2,	10' 6"	10' 5"		10. 6.	9' 4"	8, 2,	9. 6.	9' 5"	83	80,	9, 5,	9' 5"	9 6"	7' 8"	8 3		8 3	B)	7' 5"		<u>ම</u> යු		GROUP A	(2) 2X4 "L
	10' 8"	10' 11"	10' 11"	11' 2"	11' 2"	10' 6"	10' 5"	10' 5"	TO. 9.	9' 4"	9' 11"	9, 11	10' 2"		9, 5,	9, 2,	8, 2,		7' B"	8' 6"		B' 11"	B' 11"	7' 5"	8' 3"	B' 3"	CB.	GROUP B	BRACE **
	12, 6,	13' 8"		13' 8"	13' 8"	-	13 8		13' 8"	10' 10"			12' 6"	1 1	10' 7"	12' 4"		12. 6.	8, 10,		٩	- 1	10' 10"		10' 0"		10 10	GROUP A	(1) 2X6 "L" BRACI
	12, 6,	14' 0"	14' 0"	14' 0"	14' 0"	12' 3"	13' 8"	13' 8"	14' 0"	10' 10"	12' 6"	12, 8	13' 5"	13' 5"	10' 7"	12′ 4°	12' 4"	12' 9"	8' 10"	10' 3"	10' 4"	11' 6"	11 8	8,	10. 0.	10' 1"	1	GROUP B	BRACE .
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14 0	14. 0.	14' 0"	14 0	14. 0.	14' 0"	14' 0"	14. 0.	14. 0.	14' 0"	14. 0"	12, 0,	12' 11"	12. 11	12' 11"	12' 11"		12' 11"	12' 11"	12. 11.	B GROUP A GROUP B	E + (2) ZXB "L" BRACE
	14' 0"	14. 0"	14' 0"	14' 0"	14'0"	14' 0"	14' 0"	14 0	14. 0.	14' 0"	14 0	14. 0.	14' D"	14' D"	14. O.	14' D"	14, 0,	14' 0'	12' 0"	13' 7"	13' 7'	13' 11"	13' 11"		12' 11"	12' 11"	13' 3'	GROUP B	BRACE **
- CARLE END BUTTOKIS LOAD YNOK 4 0 OUTLODWERS WITH 2 0 OVERHANG, DW 12*		CONTINUIDE BRARING (6 PSF TC BEAD LOAD).	A W. BILL SHOLLBRING ALFIER ALLINOSO	LIVE LOAD DEPLICATION CRITERIA IS L/240.	CADEE INCOO DEIAIL NOI	CARIE TRIES DETAIL MOTES.			122		SOUTHERN PINE DOUGLAS FIR-LARCH		1 8 018	HEM-VIR	GROOT D	Caolia a.		ا <u>ا</u> ا ا	24	100	DOUGLAS FIR-LARCH SOUTHERN PINE		STUD 43 STA	STATION TO STATE OF THE STATE O	OOF A:		BRACING GROUP SPECIES AND GRADES:		
12*	,	15 AND 1	OWED	•	Ċ.	ij			L		LARCH								1		Ā		STANDARD				ADES:		



DIAGONAL BRACES OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WIRN DIAGONAL
BRACE IS USBED. CONNECT
INACONAL BRACE TOR SAGE
AT EACH YED. MAY WEB
TOYAL LENGTH IS 14°.

CABLE TRUSS

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

ZX4 BP #ZN, DF-L #Z,
SP# #1/#Z, OR BETTER
DIAGONAL BEACT,
SINCLE OR DOUBLE
CUF (AS SHOWN) AT
UPPER BND.

CONNECT DIAGONAL AT CONNECT DIAGONAL AT

REPER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

PLYWOOD OVERHANG. ND SUPPORTS LOAD FROM 4' 0"
OMERS WITH E' 0" DVENHANG, DR 12" UPLIFT CONNECTIONS FOR 136 FLF OVER UDUS BEARING (6 PSF TC DEAD LOAD).

ATTACH EACH 'L' BRACE WITH 10d NAILS &

POR (1) 'L' BRACE: SPACE NAILS AF & O.C.

N 18' END ZONES AND 4" O.C. BETWEEN ZONES.

++ FOR (2) 'L' BRACES: SPACE NAILS AT 3" O.C.

IN 18' END ZONES AND 6" O.C. BETWEEN ZONES. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

REFER TO COMMON TRUBS DESIG	RATER THAN 11' 6"	EATER THAN 4 D', BUT LESS THAN 11 B'	VENTICAL LENGTH	CABLE VERTICAL PLAT
TRUBS DESIGN FOR HESE PLATES.	2.5X4	2004	NO SPLICE	PLATE SIZES

No: 34889 STATE OF FLORIDA	JULIUS LEE'S cons. Engineers P.A.

MAX.

SPACING

24.0

MAX. TOT. LD.

60 PSF

REF DATE

DRWG MITEK STD GABLE 15 E HT

11/26/03 ASCE7-02-GAB13015

ASCE 7-02: 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I II 1.00, EXPOSURE Q

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DIAGONAL VERTICAL DOUBLED BRACE IS DIAGONAL AT EACH TOYAL LEX		1	M.	A.	X	(3	A]	31		E	٦	V	E	R	Τ	Ί	\mathbb{C}_{I}	4	L		L	E	N	(];	Ή	
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DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE BOUBLED WHEN DIAGONAL BRACE ES USED, CONDECT DIAGONAL BRACE TOR BEOJ AT EACH END. MAX WEB TOYAL LEVETH IS 14°.	 -) F	(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		H	[ロロコ			j ;	S	2		5	ひてュ	2	ţ	_ 丁野I .	- ?		!			ひて	2	SPACING SPECIES	ZX4
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	STANDARD	STUD	3	#2	#1	OLUD OLUM	2	11 / #2	STANDARD	STUD	# 3	5#	43	STANDARD	STUD	డు	#1 / #2	STANDARD	สบาร	3	Ť.	\$ 1	STANDARD	CUTS	ä	1 / #2	GRADE	BRACE
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	5' G"	1 1	-1	7		יי פ אַ ני		6 11		5' 6"	5. 7.	6' 4"	6 4 ×	4.	5, 6,			3' 10"	- 1	4. 6.	- 1	5, 6,	ω, 9,			5.6,	GROUP A	(1) 1X4 °L"
	5' 6"	6. 4.	6, 2,	7, 6,	7 6			7. 2.	4° 9°	5' 6"	١ ١	6 10			5. 5.	5, 2,	•1	3' 10"	4, 6	1	-1		3. 8.	4, 5,		6.84	GROUP	"L" BRACE •
11	7" 3"	8' 3"	B' 3°	٠,	CS -	ر ا ا		8	6' 3"	7' 3"	7. 4.	7. 8.	7' B"	6. 5.	7. 22.	-2: -2:	٠,	ા		-1	6, 6,	٦		- 1	6. 10.	6. 6.	B GROUP A	(1) 2X4 "L"
NEW TE AND A SOUTH A S	7' 3"		~1	-1	!	3 C			ණ යූ	7' 3"		8' 1"	- 1	٠ ون م	ار ار	7' 2"	7. 8.	1	- 1	6.0,	7' 0"	- 1	٠.		5' 10"	6 9	CROUP B	"L" BRACE *
H H H H H H H H H H H H H H H H H H H	8.8			- 1	8) 0	0, 10				8' 11"				æ. 3:	٦,	- 1	- 1			7' 10"	7' 10"	- 1	6. 9.	7' 10"	7' 10"	7' 10'	GROUP A	(2) 2X4
EXTERN OR NETTER	9, 9,	10' 4'		- 1	10' 7"	0, 10	9 10	ō		9' 5"	8, 6,	9' 7"		8 3	B' 11"			[8 0	- 1	1	8, 2,		7' 10"	- 1	8.0.	GROUP B	"L" BRACE **
+ BETTER	11' 4"	12' 11"	- 1	- 1	12' 11'	12 10		12' 11"	8, 8,		11. 2.	11, 8,	11, 8,		11, 1,	11' 2"	11. 9.	B;			10′ 3°	10' 3"	7' 10"	9' 1"		10° 3"	GROUP A	(1) 2X6 'L"
#/	11' 4"			- 1	13, 1	12 10			9, 9,		11. 6.		12' B"	8. J.		- 1		8.0.	9	9.4.	11, 1,		7. 10.	9, 1,	9' 1"	10' 7"	GROUP B	L" BRACE *
!	14' 0"	14. 0.	14' 0"	14.0	0,0		14	[A.	13' 3"	14' 0"	14. 0.	14. 0"	14 0	12. 11.	14' 0"	14' 0"	14. 0.	10, 10,	12.3	12.3	12, 3,		10. 7.	12' 3"	12. 3.	12' 3"	GROUP A	(2) ZX8 "L" BRACE
	14' 0"	14 0"	14' 0"	14.0			140	14. 0"	13' 9"	14' 0"	14. 0.	14' 0"	14' D"	12. 11.	14' D"	14' D"	14. 0.	10' 10"	12' 6"	12.	13, 5,	13,	10. 7.	12' 3"	12' 3"	12' 7"	GROUP B	BRACE **
DUTLIDENES WITH E TO DUTLIDENES WITH E TO DUTLIDENES WITH E TO PLYWOOD OVERHANG. ATTACH EACH "L" BRACE WI A POR [1] "L" BRACE: SE IN 18" END ZONES AND 18" END ZONES AND IN 18" END ZONES AND ENDER END ZONES AND LENGTH.	CARL EVA BURGANTE ION	CONTINUOUS BRABING (A	THE WAS DESIGNATION OF	אסן אסן אסן אסן אסן אסן אסן	CABLE TRUSS D			2		SOUTHERN PINE			HEM-I	CROOL			St att bands	CULS	ŧ	DOUGLAS FIR-LARCH		STUD STUD	,HUCK	GROOT		BRACING GROUP SPE		

SOUTHERN PINE

#3

STUD

STANDARD

GROUP B:

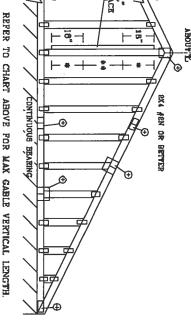
HEM-PIR H & BIR

DOUGLAS FIR-LARCH

CING GROUP SPECIES AND GRADES:

GROUP A:

HEM-PIR
STUD
STANDARD



TOTAL LENGTH IS 14".

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

ZX4 SP OR
DT-L #Z OR
SETTER DIAGONAL
BRACE SHOWN
AT UPPER END

CONNECT DIAGONAL AT AUDITORY OF VERTICAL WEB.

ABLE TRUSS DETAIL NOTES:

de uplift connections for 180 flf over tinuous bearing (5 psp vc dead load). HOOD OVERHANG. LIDWERS WITH E' O' DVERHANG, OF 12" DAD DEPLECTION CRITERIA IS L/240.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB TACH EACH 'L' BRACE WITH 10d NAILS.

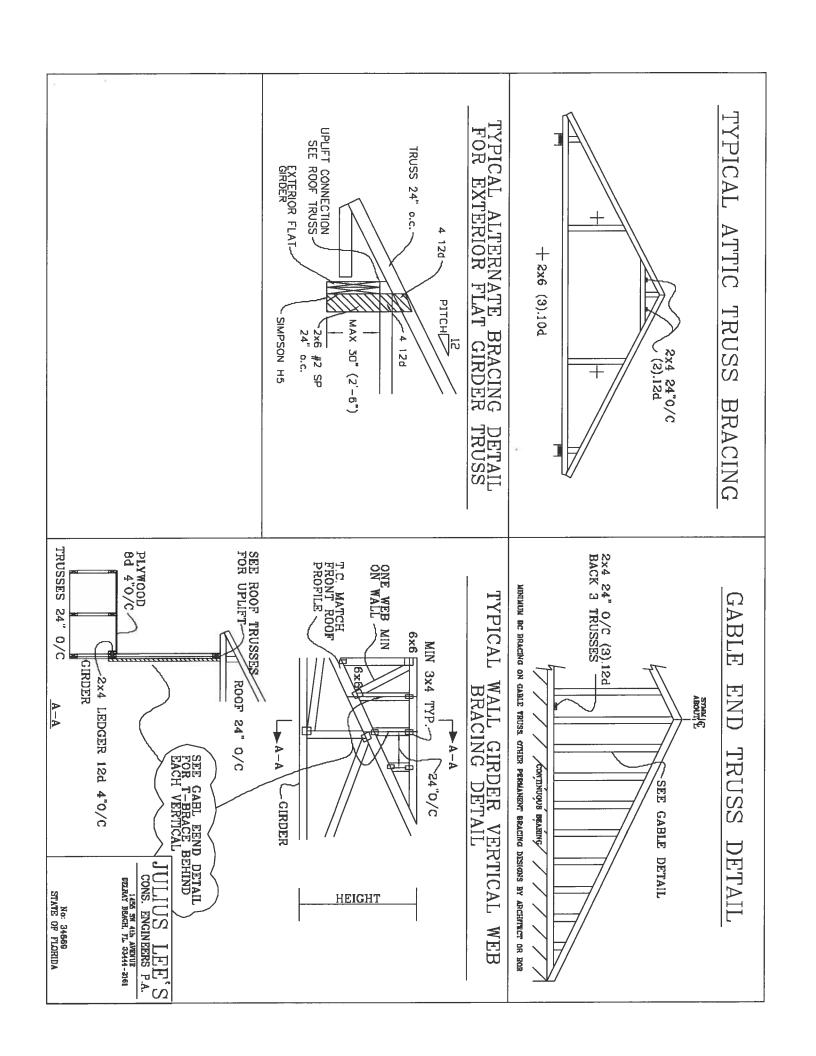
POR (1) 'L' BRACE: SPACE NAILS AY 8° O.C.

IN 18° END ZONES AND 6° O.C. BETWEEN ZONES.

IN 18° END ZONES AND 6° O.C. BETWEEN ZONES.

L		
_	PLATES.	PEAK, SPLICE, AND HEEL PLATES
	TRUES DESIGN FOR	REFER TO COMMON TRUES
_	2.5X4	GREATER THAN 11' 6"
	2X4	LESS THAN 11' B'
	194 NV CV7	TRANSPORT CONTRACTOR
	שאם סוח געו	A A NAME OF THE PARTY OF THE PA
	NO SELICE	ALL INCHES
_	PLATE SIZES	GABLE VERTICAL PLAT
Į		

			STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PEDERLY ATTACHED REGID CEILING	PLATE INSTITUTE, 383 D'ONDERIO DE, SUITE 200, MADISON, ME 53719) AND VICA (MODD TRUSS COLNCIL OT ANERICA, 6300 ENTERPRISE LN, MODISON, MI 33719) FOR SAFETY PRACTICES PRICE TO PERFORMAS	MAYARONGIM TRUSSES REGULAE EXTREME CARE IN FAMILIATING, MANDLING, SOPPING, INSTALLING AND BRACING. BETER TO BES 1-43 CRUITENE CARE IN FAMILIATING, MANDLING, SOPPING, INSTALLING AND	
STATE OF FLORIDA	N. 31000			DELRAY BEACH, PL SIGNUE 1456 BM 445 AVENUE	CONS. ENGINEERS P.A.	STEEL SILLILL
MAX. SPACING 24.0"		MAX. TOT. LD. 60 PSF				
			-ENG	DWC MITEK STD GABLE 30' E HT	DATE 11/26/03	REF ASCE7-02-GAB13030



BOT CHORD CHORD WEBS 22 22 24 24 24 24 24 នីស៊ីនិ 金金品 BETTER BETTER BETTER

PIGGYBACK DETAIL

TYPE

SPANS

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REFER TO SEALED DESIGN FOR DASHED PLATES.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER. SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BREATH THE TOP CHORD OF SUPPORTING TRUSS REFER TO BUCINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:
110 MPH WIND, 30' MEAN HCT, ASCE 7-02, CLOSED BLDG.
LOCATED ANYWHERE IN ROOF, I MI FROM COAST
CAT I, EXP C. WIND TC DL-5 PSF, WIND BC DL-5 PSF
110 MPH WIND, 30' MEAN HCT, FBC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL-5 PSF, WIND BC DL-5 PSF

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

H

4XB 5X4 EXG.

OR 3X6 TRULOX AT 4' ROTATED VERTICALLY

g,

Ħ C

6X6

5X5 .6X

.6X4

.5X4 9XG

Ħ >

4×8 2X4

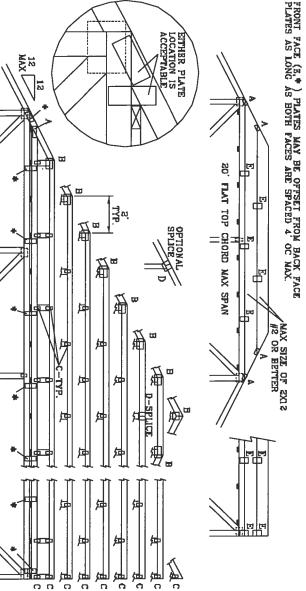
5X6

6X8

2.5X4

2.5X4

3X6 5XG



	7'9" TO 10'	0' TO 7'9"	WEB LENGTH		
BIN SV SALLINGS ALVAST AMVS ACKARA, L.	10' MEMBER. OR BETTER. AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4" OC.	NO BRACING	REQUIRED BRACING	WEB BRACING CHART	

ATTACH TRULOX PLATES WITH (8) 0.120° X 1.375° EQUAL, PER FACE PER PLY. (4) NAILS IN EACH | BE CONNECTED. REFER TO DRAWING 160 TL FOR INFORMATION.

NAILS, C

,₹%

	10'
	To
	14.
+ PIGGYBACK SPECIAL PLATE	10' TO 14' MEMBER. OR BETTER. AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 184 NAILS AT 4" OC.

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF PABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS. 8 1/4" λų

0 0 C a O

THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

*ATTACH

PIGGYBACK WITH

3XB TRULOX OR

ALPINE PIGGYBACK SPECIAL PLATE.

		STRICTURAL PANCLS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	PLATE INSTITUTE, MSS STONGTHIS DR. SUITE ZOS. MADISON, V.J. 3379) MOD MTGA CYCCOD TRUES COLUNCIO. OF MARTICA, SOOD CHTERPRISE LM, MADISON, WT 33799 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. LINESS CHIRRYLSE INDICATED TOP CHORD SMALL HAVE PROPERTY ATTACHED		
STATE OF FLORIDA		4 00 00 00 00 00 00 00 00 00 00 00 00 00	1400 SW 4th AVENUE	CONS. ENGINEERS P.A.	8,년11 [][[]
SPACING 24.0"	47 PSF AT 1.15 DUR. FAC.	50 PSF AT 1.25 DUR. FAC.	1.33 DUR. FAC.	55 PSF AT	MAX LOADING
		-ENG JL	DRWGMITEK STD PIGGY	DATE 09/12/07	REF PIGGYBACK

VALLEYTRUSS DETAIL

10P CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
2X4 SP #3 OR BETTER.

- ZX3 MAY BE RIPPED FROM A ZX6 (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 ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C. RESIDENTIAL, WIND TC DL=5 PSF. FOR

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 (0.113" X 2.5") 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

ENGINEERS' SEALED DESIGN. BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN

* 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.

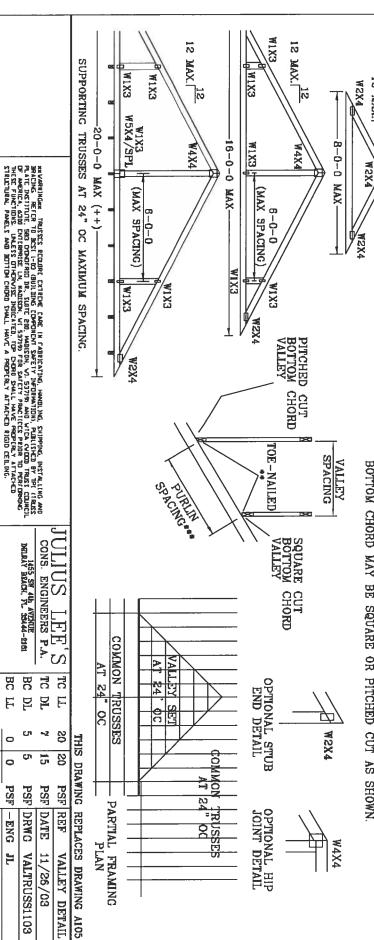
CUT FROM 2X6 OR LARGER AS REQ'D

4-0-0 MAX

12 NAX.

+ LARGER SPANS NAY BE NOT EXCEED 12'0". BUILT AS LONG AS THE VERTICAL HEIGHT DOES

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN



No: 34869 STATE OF FLORIDA

DURFAC 1.25 SPACING

> 1.25 40

24

TOT. LD

32

PSF

0

PSF

-ENG

JL

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."

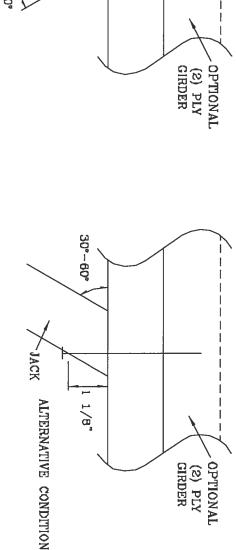
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

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	SOUTHERN PINE	RN PINE	DOUGLAS	DOUGLAS FIR-LARCH	HEM-FIR	-FIR	SPRUCE	SPRUCE PINE FIR
TOE-NAILS	1 PLY	2 PLIES 1 PLY		2 PLIES	1 P LY	2 PLIES	1 PLY	2 PLIES
N	197#	256#	181#	234#	156#	203#	154#	199#
ယ	296#	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 VALUE	TH VAM PE	I Idila IIIN	ממע אמ עני	H.LVIAGUE	NOTTAGETON	ALL VALUES MAY BE MILITIDIZED BY ADDROPRIATE DITRATTON OF LOAD EACTOR	GIVE)	

VALUES DE MOLITICA D ... AFFRORMIA NOTIVATOR C LYCH PACION.



1/B"

JACK

THIS DRAWING REPLACES DRAWING 784040

			THESE FUNCTIONS. UNICES DIMERVISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.	PLATE INSTITUTE, 383 PROPERTO DE, SUTTE 200, MAISEN, H. T. SOTIOS AND THE MESSAGE OF THE CONCELL OF ANCESTS OF THE CONCELL OF ANCESTS, 6300 ENTERPRISE LN. MADISON, H. T. SOTIOS AND THE CONCELL OF ANCESTS, 6300 ENTERPRISE LN. MADISON, H. T. SOTIOS ANCESTS PRIDE TO PERFORMING		
STATE OF FLORIDA	No: 34869 STATE OF FLORIDA			DELEAY BEACH, FL SCHILL-2161	INEERS P.	S, HE'I SIII'III'
SPACING	DUR. F/	TOT. LD.	BC LL	BC DL	TC DL	S TC LL
	DUR. FAC. 1.00	. PSF	PSF	PSF	PSF	PSF
			-ENG JL	_		REF
			JL .	DRWG CNTONAIL1103	DATE 09/12/07	TOE-NAIL

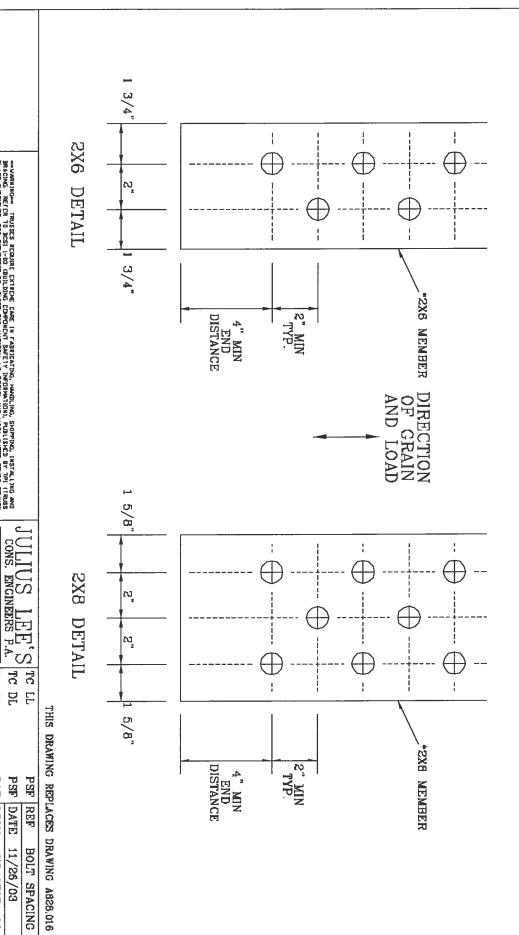
DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* 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



DELRAY BEACH, FL 33444-2161

BC LL BC DL TC DL

PSF PSF PSF PSF

DATE

DRWG -ENG

> CNBOLTSP1103 11/26/03

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No: 34869 STATE OF FLORIDA

SPACING

DUR. FAC TOT. LD.

TRULOX CONNECTION DETAI

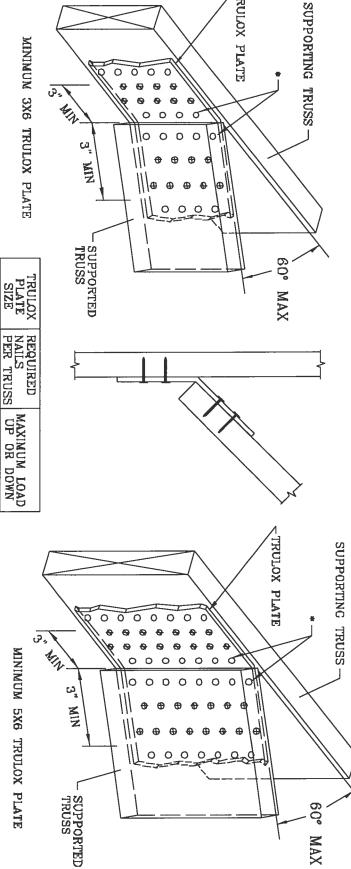
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (\(\phi \)).

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

0

"*VARNING*** TRUSSES REQUIRE EXTROME CAME IN FARRICATING, HAMPING, HAPPING, HAVIALING AND BRACING RETER ID ECSI TOG (BULDING COPANCH SAFETY HARBATIDN) PALLINED BY THE (TRUSS DEPART) FOR SAFETY PROBATIDN, PALLINED BY THE (TRUSS COUNCIL DE ACREE ID, 403 D'ONDREID OR, SUITE EN, MOSTED Y TO SAFETY PACCIFICES PRIDE TO RETERMINE INC. SELVENTIONS. UNLESS DIRECTUS (MILECE LA) TO GORD SWALL HAVE PROPERLY AFTADED SIRCURDAL DARLES AND STORT OF RETERMINE SIRCURDAL PARCES AND STORT OF RESERVENCES.

5X6 3X6

15 9

990# 350#

CONS. ENGINEERS P.A. DELRAY BEACH, FL 35444-2151

LEE'S

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

REF DATE DRWG

> 11/26/03 TRULOX

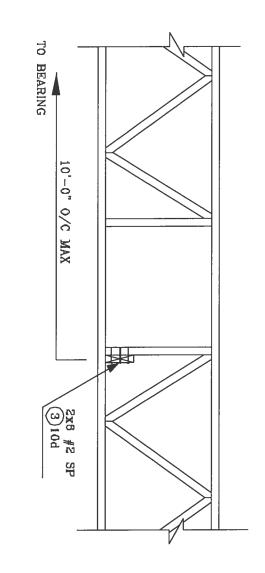
CNTRULOX1103

No: 34869 STATE OF FLORIDA

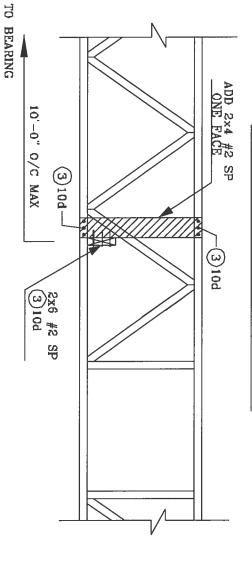
MAXIMUM LOAD
UP OR DOWN

MINIMUM 5X6 TRULOX PLATE

STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



JULIUS LEE'S cons. engineers P.A.

No: 34869 STATE OF FLORIDA

As required by Florida Statut	B.EES BAD and Florid	Project Name:	
which you are applying for a	i hillding permit or	da Administrative Code 9B-72, please conents listed below if they will be utiling or after April 1, 2004. We recommal number for any of the applicable list at www.floridabuilding.org	aand you contact your land are du
Category/Subcategory	Manufacturer	Product Description	Approval Number(s
A. EXTERIOR DOORS			FL 424 2
1. Swinging			72 121 -1
2. Sliding	Marian .		
3. Sectional		+ ,	
4. Roll up			
5. Automatic	•		
6. Other			
. WINDOWS	Aleno	IIII / F1214,10	
1. Single hung	g. (1)		FL. 6029.7
2. Horizontal Slider	i.e.		FC: 0031.1
3. Casement	Bilt Bust Win	L. I Dagis	· · · · · · · · · · · · · · · · · · ·
4. Double Hung	a francisco de la	7 NO.13	
5. Fixed	1 1 2 2		
6. Awning	· 1/2 *		
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker	Mr. at		
	Physics and the second		
11 Dual Action	I in the second		

FL. 889 -122

1. Siding

2. Soffits :

3. EIFS!

4. Storefronts

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RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

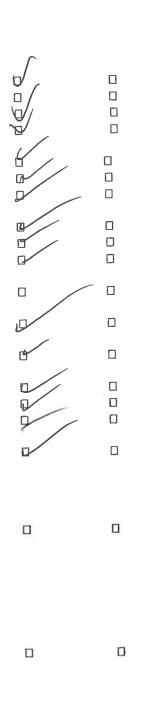
WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

- 1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ------ 100 MPH
- 2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
- 3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS; Two (2) complete sets of plans containing the following: Applicant **Plans Examiner** All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed. Site Plan including: a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property. Wind-load Engineering Summary, calculations and any details required Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional. **Elevations including:** a) All sides b) Roof pitch

c) Overhang dimensions and detail with attic ventilation



- d) Location, size and height above roof of chimneys.
- e) Location and size of skylights
- f) Building height
- e) Number of stories

Floor Plan including:

- a) Rooms labeled and dimensioned.
- b) Shear walls identified.
- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
- d) Show safety glazing of glass, where required by code.
- e) Identify egress windows in bedrooms, and size.
- f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
- g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
- h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel.

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termiticide or alternative method)
 - 10. Slab on grade
 - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity

c. Crawl space (if applicable)

		b) Wood frame wall
		 All materials making up wall
		2. Size and species of studs
		3. Sheathing size, type and nailing schedule
		4. Headers sized
		5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
		6. All required fasteners for continuous tie from roof to foundation
		(truss anchors, straps, anchor bolts and washers)
		7. Roof assembly shown here or on roof system detail (FBC
		106.1.1.2) Roofing system, materials, manufacturer, fastening
		requirements and product evaluation with wind resistance rating)
		8. Fire resistant construction (if applicable)9. Fireproofing requirements
		10 Show type of termite treatment (termiticide on alternation and
		10. Show type of termite treatment (termiticide or alternative method)11. Slab on grade
		a. Vapor retarder (6Mil. Polyethylene with joints lapped 6
		inches and sealed
		b. Must show control joints, synthetic fiber reinforcement or
		welded wire fabric reinforcement and supports
		12. Indicate where pressure treated wood will be placed
		13. Provide insulation R value for the following:
		a. Attic space
		b. Exterior wall cavityc. Crawl space (if applicable)
	0	c) Metal frame wall and roof (designed, signed and sealed by Florida Prof.
		Engineer or Architect)
		Floor Framing System:
		a) Floor truss package including layout and details, signed and sealed by Florida
-	_	Registered Professional Engineer
		b) Floor joist size and spacing
		c) Girder size and spacing
		d) Attachment of joist to girder
		e) Wind load requirements where applicable
W.		Plumbing Fixture layout
h /		Electrical layout including:
e e		a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
1		b) Ceiling fans c) Smoke detectors
9		d) Service panel and sub-panel size and location(s)
8/		e) Meter location with type of service entrance (overhead or underground)
4	_	f) Appliances and HVAC equipment
ė/		g) Arc Fault Circuits (AFCI) in bedrooms
0		h) Exhaust fans in bathroom
. /		HVAC information
		a) Energy Calculations (dimensions shall match plans)
0/	:e 🚨	b) Manual J sizing equipment or equivalent computation
		c) Gas System Type (LP or Natural) Location and BTU demand of equipment
		Disclosure Statement for Owner Builders
		***Notice Of Commencement Required Before Any Inspections Will Be Done
U		Private Potable Water
		a) Size of pump motor
		b) Size of pressure tank
		c) Cycle stop valve if used