

Columbia County Building Permit Application

For Office Use Only Application # 0801-57 Date Received 1-11-08 By LH Permit # 1631/27157
 Application Approved by - Zoning Official BLK Date 18.01.08 Plans Examiner AKJTH Date 1-17-08
 Flood Zone X Flood Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den.
 Comments Plat Requires MFE of 107 St. Elevation Confirmation Letter Required

NOC EH Deed or PA Site Plan State Road Info Parent Parcel # Development Permit

Name Authorized Person Signing Permit Jacob Kirsch Fax 386-755-5047
 Address 484 NW Turner Ave #104, Lake City, FL 32055 Phone 386-344-4817
 Owners Name Southeast Developers Phone 386-755-2082
 911 Address 130 SW Morning Glory Dr, Lake City, FL 32024
 Contractors Name Jacob Kirsch - Compass Builders Phone 386-344-4817
 Address 484 NW Turner Ave, #104, Lake City, FL 32055
 Fee Simple Owner Name & Address Southeast Developers Group, Lake City, FL
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Nicholas Paul Geisler 1758 NW Brown rd. L.C. FL
 Mortgage Lenders Name & Address Columbia Bank 173 NW Hillsboro St Lake City, FL 32025

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 15-45-16-03023-558 Estimated Cost of Construction 98,500.00
 Subdivision Name Rolling Meadows Lot 58 Block Unit Phase

Driving Directions from us90/441 - go us90 west to CR-247, TL, follow to SW Callahan Ave, TL, follow to Rolling Meadows Sub. TR, Hope follow SW Morning Glory Dr. to the 2nd Lot on Right. TL Henry

Type of Construction S.F.D. Number of Existing Dwellings on Property 0
 Total Acreage .51 Lot Size .51 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive


Actual Distance of Structure from Property Lines - Front 50 Side 24 Side 24 Rear 94
 Total Building Height 21'1" Number of Stories 1 Heated Floor Area 1787 Roof Pitch 8/12; 10/12
TOTAL 2501

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Authorized Person by Notarized Letter
 STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me
 this 11 day of Jan 2008
 Personally known X or Produced Identification

NOTARY PUBLIC-STATE OF FLORIDA

 Michelle Fischer
 Commission # DD598374
 Expires: SEP 24, 2010
 BONDED THROUGH THE BONDING CO., INC.

Jacob L. Kirsch
 Contractor Signature
 Contractors License Number CBC 1253775
 Competency Card Number
 NOTARY STAMP/SEAL

Michelle Fischer
 Notary Signature

(Revised Sept. 2006)

JW LEFT MESSAGE
1.18.08

Columbia County Building Permit Application

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.



Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.



Contractor's Signature (Permitee)

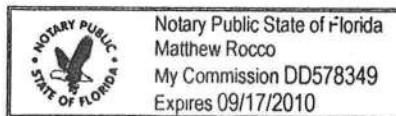
Contractor's License Number CBX 1253775
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31 day of Jan 2008.
Personally known or Produced Identification _____



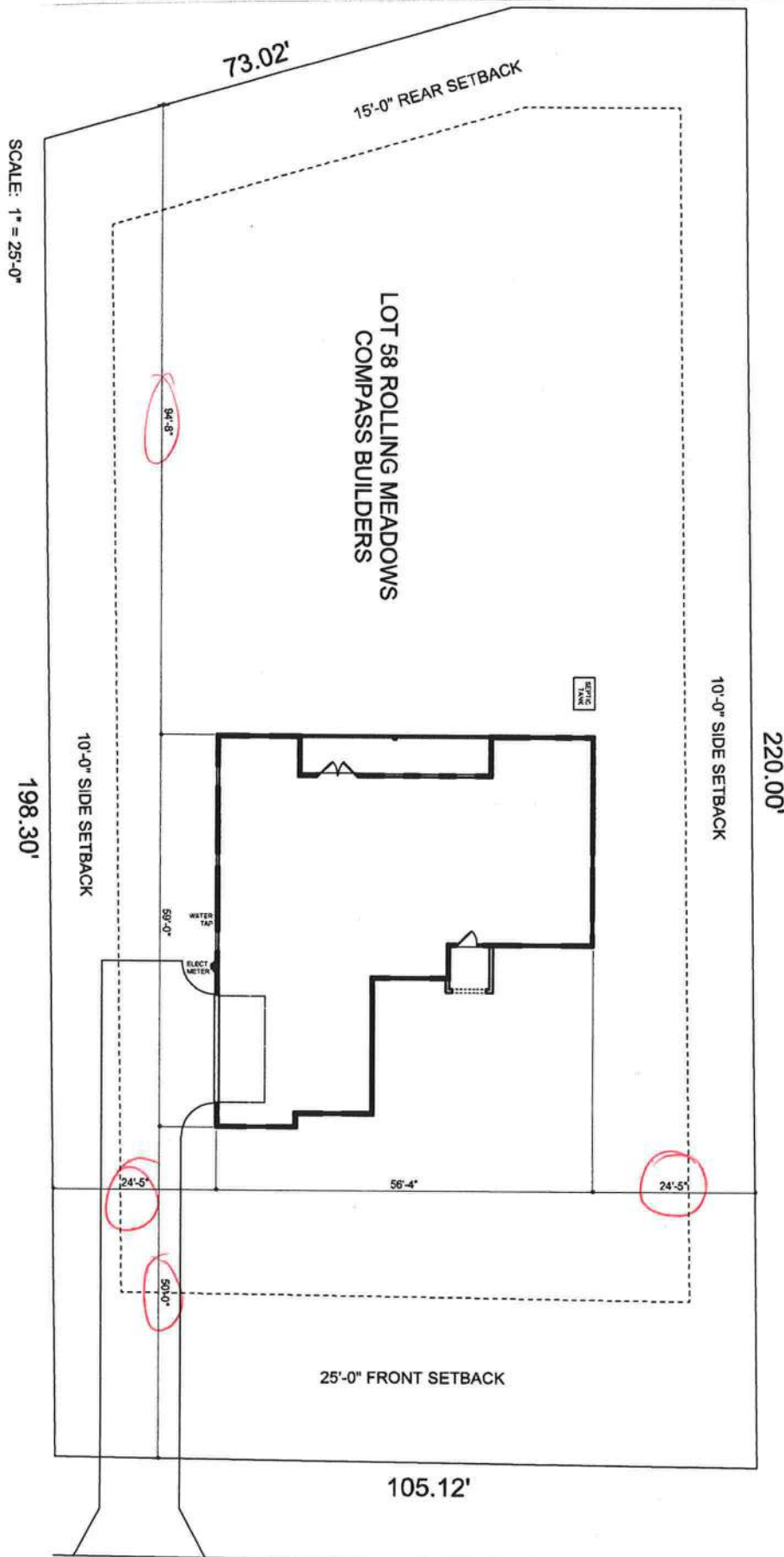
State of Florida Notary Signature (For the Contractor)

SEAL:



15-4S-16-03023-558

LOT 58 ROLLING MEADOWS S/D. WD 1063-1963 & WD 1088-1929



SW Morning glory dr.

Corporate Warranty Deed

This Indenture, made this 26th, June, 2006 A.D.

Between

Milestone HS, LLC, whose post office address is: P.O. Box 3001 Lake City, Florida 32056 a Florida Limited Liability Company existing under the laws of the State of Florida, Grantor and Southeast Developers Group, Inc whose post office address is: 197 SW Waterford Court Suite 105, Lake City, Florida, 32025, Grantee,

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lots 57 & 58, ROLLING MEADOWS, according to the plat thereof, recorded in Plat Book 8, Page(s) 45 and 46 of the Public Records of Columbia County, Florida.

The above described property does not constitute the homestead property of the grantor described herein.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized officer and caused its corporate seal to be affixed the day and year first above written.

Milestone HS, LLC

By: _____

Robert S. Stewart
Its: Manager

Signed and Sealed in Our Presence:

Witness Print Name: Theresa Lastinger

Witness Print Name: Matthew D. Rocco

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 26th day of June, 2006, by Robert S. Stewart, Manager of Milestone HS, LLC, a Corporation existing under the laws of the State of Florida, on behalf of the corporation. He/She is personally known to me or has produced DL as identification.

Notary Public

Notary Printed Name: Matthew D. Rocco

My Commission Expires: _____

Prepared by:
Matt Rocco, an employee of
Sierra Title, LLC,
619 SW Baya Drive, Suite 102
Lake City, Florida 32025



Matthew Rocco
My Commission DD150709
Expires September 17, 2006

Inst:2006015873 Date:07/03/2006 Time:14:28

Doc Stamp-Deed : 910.00

DC, P. DeWitt Cason, Columbia County B:1088 P:1929

COLUMBIA COUNTY 9-1-1 ADDRESSING / GIS DEPARTMENT

P. O. Box 1787, Lake City, FL 32056-1787
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Residential or Other Structure on Parcel Number:
15-4S-16-03023-558

Address Assignment:
130 SW MORNING GLORY DR, LAKE CITY, FL, 32024

Note: LOT 58 ROLLING MEADOWS S/D

Any questions concerning this information should be referred to the Columbia County 9-1-1 Addressing / GIS Department at the address or telephone number above.

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000001631**

DATE 07/11/2008 PARCEL ID # 15-4S-16-03023-558

APPLICANT JACOB KIRSCH PHONE 344-4817

ADDRESS 484 NW TURNER AVE LAKE CITY FL 32055

OWNER SOUTHEAST DEVELOPERS PHONE 755-2082

ADDRESS 130 SW MORNING GLORY DRIVE LAKE CITY FL 32024

CONTRACTOR JACOB KIRSCH PHONE 344-4817

LOCATION OF PROPERTY 90W, TL ON 247S, TL ON CALLAHAN, TR ON HOPE HENRY, TR ON
MORNING GLORY, 2ND LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROLLING MEADOWS 58

SIGNATURE



INSTALLATION REQUIREMENTS

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

Culvert installation shall conform to the approved site plan standards.

Department of Transportation Permit installation approved standards.

Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Compass Builders - Rae Address: Lot: 8 Sub: Rolling Meadows, Plat: City, State: Lake City, FL 32025- Lot 58 Owner: Spec House Climate Zone: North	Builder: Compass Builders Permitting Office: <i>Columbia</i> Permit Number: <i>27102</i> Jurisdiction Number: <i>221000</i>
---	---

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1. New construction or existing</td> <td style="width: 20%; text-align: center;">New</td> <td style="width: 30%; text-align: right;">___</td> </tr> <tr> <td>2. Single family or multi-family</td> <td style="text-align: center;">Single family</td> <td style="text-align: right;">___</td> </tr> <tr> <td>3. Number of units, if multi-family</td> <td style="text-align: center;">1</td> <td style="text-align: right;">___</td> </tr> <tr> <td>4. Number of Bedrooms</td> <td style="text-align: center;">3</td> <td style="text-align: right;">___</td> </tr> <tr> <td>5. Is this a worst case?</td> <td style="text-align: center;">No</td> <td style="text-align: right;">___</td> </tr> <tr> <td>6. Conditioned floor area (ft²)</td> <td style="text-align: center;">1787 ft²</td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="3">7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</td> </tr> <tr> <td style="padding-left: 20px;">a. U-factor:</td> <td style="padding-left: 20px;">Description Area</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">(or Single or Double DEFAULT)</td> <td style="padding-left: 40px;">7a. (Dble Default) 253.7 ft²</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">b. SHGC:</td> <td style="padding-left: 20px;">7b. (Clear) 253.7 ft²</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 40px;">(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> <tr> <td colspan="3">8. Floor types</td> </tr> <tr> <td style="padding-left: 20px;">a. Slab-On-Grade Edge Insulation</td> <td style="padding-left: 20px;">R=5.0, 198.0(p) ft</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">b. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">c. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="3">9. Wall types</td> </tr> <tr> <td style="padding-left: 20px;">a. Frame, Wood, Exterior</td> <td style="padding-left: 20px;">R=13.0, 1230.3 ft²</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">b. Frame, Wood, Adjacent</td> <td style="padding-left: 20px;">R=13.0, 164.0 ft²</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">c. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">d. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">e. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="3">10. Ceiling types</td> </tr> <tr> <td style="padding-left: 20px;">a. Under Attic</td> <td style="padding-left: 20px;">R=30.0, 1950.0 ft²</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">b. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">c. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="3">11. Ducts</td> </tr> <tr> <td style="padding-left: 20px;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="padding-left: 20px;">Sup. R=6.0, 50.0 ft</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">b. N/A</td> <td></td> <td style="text-align: right;">___</td> </tr> </table>	1. New construction or existing	New	___	2. Single family or multi-family	Single family	___	3. Number of units, if multi-family	1	___	4. Number of Bedrooms	3	___	5. Is this a worst case?	No	___	6. Conditioned floor area (ft ²)	1787 ft ²	___	7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			a. U-factor:	Description Area		(or Single or Double DEFAULT)	7a. (Dble Default) 253.7 ft ²	___	b. SHGC:	7b. (Clear) 253.7 ft ²	___	(or Clear or Tint DEFAULT)			8. Floor types			a. Slab-On-Grade Edge Insulation	R=5.0, 198.0(p) ft	___	b. N/A		___	c. N/A		___	9. Wall types			a. Frame, Wood, Exterior	R=13.0, 1230.3 ft ²	___	b. Frame, Wood, Adjacent	R=13.0, 164.0 ft ²	___	c. N/A		___	d. N/A		___	e. N/A		___	10. Ceiling types			a. Under Attic	R=30.0, 1950.0 ft ²	___	b. N/A		___	c. N/A		___	11. Ducts			a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 50.0 ft	___	b. N/A		___	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">12. Cooling systems</td> </tr> <tr> <td style="padding-left: 20px;">a. Central Unit</td> <td style="text-align: right;">Cap: 37.0 kBtu/hr SEER: 13.00</td> </tr> <tr> <td style="padding-left: 20px;">b. N/A</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">c. N/A</td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="2">13. Heating systems</td> </tr> <tr> <td style="padding-left: 20px;">a. Electric Heat Pump</td> <td style="text-align: right;">Cap: 37.0 kBtu/hr HSPF: 7.70</td> </tr> <tr> <td style="padding-left: 20px;">b. N/A</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">c. N/A</td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="2">14. Hot water systems</td> </tr> <tr> <td style="padding-left: 20px;">a. Electric Resistance</td> <td style="text-align: right;">Cap: 50.0 gallons EF: 0.90</td> </tr> <tr> <td style="padding-left: 20px;">b. N/A</td> <td style="text-align: right;">___</td> </tr> <tr> <td style="padding-left: 20px;">c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)</td> <td style="text-align: right;">___</td> </tr> <tr> <td colspan="2">15. HVAC credits</td> </tr> <tr> <td style="padding-left: 20px;">(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</td> <td style="text-align: right;">PT, ___</td> </tr> </table>	12. Cooling systems		a. Central Unit	Cap: 37.0 kBtu/hr SEER: 13.00	b. N/A	___	c. N/A	___	13. Heating systems		a. Electric Heat Pump	Cap: 37.0 kBtu/hr HSPF: 7.70	b. N/A	___	c. N/A	___	14. Hot water systems		a. Electric Resistance	Cap: 50.0 gallons EF: 0.90	b. N/A	___	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	___	15. HVAC credits		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, ___
1. New construction or existing	New	___																																																																																																															
2. Single family or multi-family	Single family	___																																																																																																															
3. Number of units, if multi-family	1	___																																																																																																															
4. Number of Bedrooms	3	___																																																																																																															
5. Is this a worst case?	No	___																																																																																																															
6. Conditioned floor area (ft ²)	1787 ft ²	___																																																																																																															
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)																																																																																																																	
a. U-factor:	Description Area																																																																																																																
(or Single or Double DEFAULT)	7a. (Dble Default) 253.7 ft ²	___																																																																																																															
b. SHGC:	7b. (Clear) 253.7 ft ²	___																																																																																																															
(or Clear or Tint DEFAULT)																																																																																																																	
8. Floor types																																																																																																																	
a. Slab-On-Grade Edge Insulation	R=5.0, 198.0(p) ft	___																																																																																																															
b. N/A		___																																																																																																															
c. N/A		___																																																																																																															
9. Wall types																																																																																																																	
a. Frame, Wood, Exterior	R=13.0, 1230.3 ft ²	___																																																																																																															
b. Frame, Wood, Adjacent	R=13.0, 164.0 ft ²	___																																																																																																															
c. N/A		___																																																																																																															
d. N/A		___																																																																																																															
e. N/A		___																																																																																																															
10. Ceiling types																																																																																																																	
a. Under Attic	R=30.0, 1950.0 ft ²	___																																																																																																															
b. N/A		___																																																																																																															
c. N/A		___																																																																																																															
11. Ducts																																																																																																																	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 50.0 ft	___																																																																																																															
b. N/A		___																																																																																																															
12. Cooling systems																																																																																																																	
a. Central Unit	Cap: 37.0 kBtu/hr SEER: 13.00																																																																																																																
b. N/A	___																																																																																																																
c. N/A	___																																																																																																																
13. Heating systems																																																																																																																	
a. Electric Heat Pump	Cap: 37.0 kBtu/hr HSPF: 7.70																																																																																																																
b. N/A	___																																																																																																																
c. N/A	___																																																																																																																
14. Hot water systems																																																																																																																	
a. Electric Resistance	Cap: 50.0 gallons EF: 0.90																																																																																																																
b. N/A	___																																																																																																																
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	___																																																																																																																
15. HVAC credits																																																																																																																	
(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, ___																																																																																																																

Glass/Floor Area: 0.14	Total as-built points: 22115	PASS
	Total base points: 24303	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: *[Signature]*


DATE: 11-9-08

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: *[Signature]*

DATE: 11/10/08

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____

DATE: _____

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.5.2)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1787.0	18.59	5980.0	1.Double, Clear	W	1.5	10.0	15.0	38.52	0.98	565.0
				2.Double, Clear	W	7.5	10.0	40.0	38.52	0.60	928.0
				3.Double, Clear	W	7.5	10.0	54.0	38.52	0.60	1253.0
				4.Double, Clear	W	1.5	10.0	16.0	38.52	0.98	603.0
				5.Double, Clear	W	1.5	10.0	6.0	38.52	0.98	226.0
				6.Double, Clear	N	1.5	8.0	20.0	19.20	0.97	371.0
				7.Double, Clear	E	1.5	8.0	30.0	42.06	0.96	1208.0
				8.Double, Clear	E	8.5	10.0	6.7	42.06	0.56	155.0
				9.Double, Clear	E	1.5	10.0	30.0	42.06	0.98	1234.0
				10.Double, Clear	S	1.5	8.0	30.0	35.87	0.92	993.0
				11.Double, Clear	S	1.5	8.0	6.0	35.87	0.92	198.0
				As-Built Total:			253.7		7734.0		
WALL TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	164.0	0.70	114.8	1. Frame, Wood, Exterior	13.0			1230.3	1.50		1845.5
Exterior	1230.3	1.70	2091.5	2. Frame, Wood, Adjacent	13.0			164.0	0.60		98.4
Base Total:				As-Built Total:			1394.3		1943.9		
DOOR TYPES											
Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	20.0	2.40	48.0	1.Exterior Insulated				20.0	4.10		82.0
Exterior	20.0	6.10	122.0	2.Adjacent Insulated				20.0	1.60		32.0
Base Total:				As-Built Total:			40.0		114.0		
CEILING TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1787.0	1.73	3091.5	1. Under Attic	30.0			1950.0	1.73 X 1.00		3373.5
Base Total:				As-Built Total:			1950.0		3373.5		
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	198.0(p)	-37.0	-7326.0	1. Slab-On-Grade Edge Insulation	5.0			198.0(p)	-36.20		-7167.6
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			198.0		-7167.6		
INFILTRATION											
Area X BSPM = Points							Area X SPM = Points				
							1787.0		10.21		18245.3

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 22367.1				Summer As-Built Points: 24243.0						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
22367.1	0.3250		7269.3	24243.0	1.00	1.138	0.260	0.950		6812.6

(sys 1: Central Unit 37000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	1787.0	20.17	6488.0	1.Double, Clear	W	1.5	10.0	15.0	20.73	1.01	312.0
				2.Double, Clear	W	7.5	10.0	40.0	20.73	1.13	940.0
				3.Double, Clear	W	7.5	10.0	54.0	20.73	1.13	1270.0
				4.Double, Clear	W	1.5	10.0	16.0	20.73	1.01	333.0
				5.Double, Clear	W	1.5	10.0	6.0	20.73	1.01	125.0
				6.Double, Clear	N	1.5	8.0	20.0	24.58	1.00	491.0
				7.Double, Clear	E	1.5	8.0	30.0	18.79	1.02	574.0
				8.Double, Clear	E	8.5	10.0	6.7	18.79	1.24	156.0
				9.Double, Clear	E	1.5	10.0	30.0	18.79	1.01	570.0
				10.Double, Clear	S	1.5	8.0	30.0	13.30	1.04	415.0
				11.Double, Clear	S	1.5	8.0	6.0	13.30	1.04	83.0
				As-Built Total:				253.7			5269.0
WALL TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM = Points			
Adjacent	164.0	3.60	590.4	1. Frame, Wood, Exterior		13.0	1230.3	3.40		4183.0	
Exterior	1230.3	3.70	4552.1	2. Frame, Wood, Adjacent		13.0	164.0	3.30		541.2	
Base Total:				1394.3		5142.5		As-Built Total:		1394.3	4724.2
DOOR TYPES				Area X BWPM = Points		Type	Area X WPM = Points				
Adjacent	20.0	11.50	230.0	1.Exterior Insulated		20.0		8.40		168.0	
Exterior	20.0	12.30	246.0	2.Adjacent Insulated		20.0		8.00		160.0	
Base Total:				40.0		476.0		As-Built Total:		40.0	328.0
CEILING TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM X WCM = Points			
Under Attic	1787.0	2.05	3663.3	1. Under Attic		30.0	1950.0	2.05 X 1.00		3997.5	
Base Total:				1787.0		3663.3		As-Built Total:		1950.0	3997.5
FLOOR TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM = Points			
Slab	198.0(p)	8.9	1762.2	1. Slab-On-Grade Edge Insulation		5.0	198.0(p)	7.60		1504.8	
Raised	0.0	0.00	0.0								
Base Total:				1762.2		As-Built Total:		198.0		1504.8	
INFILTRATION				Area X BWPM = Points				Area X WPM = Points			
				1787.0		-0.59		-1054.3			
								1787.0		-0.59	
										-1054.3	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025- PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 16477.7			Winter As-Built Points: 14769.2					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16477.7	0.5540	9128.7	(sys 1: Electric Heat Pump 37000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			14769.2	1.000	(1.069 x 1.169 x 0.93)	0.443	0.950	7221.4
			14769.2	1.00	1.162	0.443	0.950	7221.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025- PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
3		2635.00	7905.0	50.0	0.90	3		1.00	2693.56 1.00 8080.7
As-Built Total:									8080.7

CODE COMPLIANCE STATUS											
BASE				AS-BUILT							
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
7269		9129		7905	24303	6813		7221		8081	22115

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.2

The higher the score, the more efficient the home.

Spec House, Lot: , Sub: Rolling Meadows, Plat: , Lake City, FL, 32025-

<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 3 <input type="checkbox"/></p> <p>5. Is this a worst case? No <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1787 ft² <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 30%;">Area</td> <td style="width: 10%;"></td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>253.7 ft²</td> <td><input type="checkbox"/></td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>253.7 ft²</td> <td><input type="checkbox"/></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> <td></td> </tr> </table> <p>8. Floor types</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%;">R=5.0, 198.0(p) ft</td> <td style="width: 10%;"></td> <td style="width: 10%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>9. Wall types</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 30%;">R=13.0, 1230.3 ft²</td> <td style="width: 10%;"></td> <td style="width: 10%;"><input type="checkbox"/></td> </tr> <tr> <td>b. Frame, Wood, Adjacent</td> <td>R=13.0, 164.0 ft²</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>d. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>e. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>10. Ceiling types</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%;">R=30.0, 1950.0 ft²</td> <td style="width: 10%;"></td> <td style="width: 10%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>11. Ducts</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 30%;">Sup. R=6.0, 50.0 ft</td> <td style="width: 10%;"></td> <td style="width: 10%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table>	a. U-factor:	Description	Area		(or Single or Double DEFAULT)	7a. (Dble Default)	253.7 ft ²	<input type="checkbox"/>	b. SHGC:	7b. (Clear)	253.7 ft ²	<input type="checkbox"/>	(or Clear or Tint DEFAULT)				a. Slab-On-Grade Edge Insulation	R=5.0, 198.0(p) ft		<input type="checkbox"/>	b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	a. Frame, Wood, Exterior	R=13.0, 1230.3 ft ²		<input type="checkbox"/>	b. Frame, Wood, Adjacent	R=13.0, 164.0 ft ²		<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	d. N/A			<input type="checkbox"/>	e. N/A			<input type="checkbox"/>	a. Under Attic	R=30.0, 1950.0 ft ²		<input type="checkbox"/>	b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 50.0 ft		<input type="checkbox"/>	b. N/A			<input type="checkbox"/>	<p>12. Cooling systems</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Central Unit</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Cap: 37.0 kBtu/hr <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>SEER: 13.00 <input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>13. Heating systems</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Electric Heat Pump</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Cap: 37.0 kBtu/hr <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>HSPF: 7.70 <input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>14. Hot water systems</p> <table border="0" style="width: 100%; margin-left: 20px;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Cap: 50.0 gallons <input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td>EF: 0.90 <input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)</td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> </table> <p>15. HVAC credits PT, <input type="checkbox"/></p> <p>(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</p>	a. Central Unit			Cap: 37.0 kBtu/hr <input type="checkbox"/>				SEER: 13.00 <input type="checkbox"/>	b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	a. Electric Heat Pump			Cap: 37.0 kBtu/hr <input type="checkbox"/>				HSPF: 7.70 <input type="checkbox"/>	b. N/A			<input type="checkbox"/>	c. N/A			<input type="checkbox"/>	a. Electric Resistance			Cap: 50.0 gallons <input type="checkbox"/>				EF: 0.90 <input type="checkbox"/>	b. N/A			<input type="checkbox"/>	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)			<input type="checkbox"/>
a. U-factor:	Description	Area																																																																																																																			
(or Single or Double DEFAULT)	7a. (Dble Default)	253.7 ft ²	<input type="checkbox"/>																																																																																																																		
b. SHGC:	7b. (Clear)	253.7 ft ²	<input type="checkbox"/>																																																																																																																		
(or Clear or Tint DEFAULT)																																																																																																																					
a. Slab-On-Grade Edge Insulation	R=5.0, 198.0(p) ft		<input type="checkbox"/>																																																																																																																		
b. N/A			<input type="checkbox"/>																																																																																																																		
c. N/A			<input type="checkbox"/>																																																																																																																		
a. Frame, Wood, Exterior	R=13.0, 1230.3 ft ²		<input type="checkbox"/>																																																																																																																		
b. Frame, Wood, Adjacent	R=13.0, 164.0 ft ²		<input type="checkbox"/>																																																																																																																		
c. N/A			<input type="checkbox"/>																																																																																																																		
d. N/A			<input type="checkbox"/>																																																																																																																		
e. N/A			<input type="checkbox"/>																																																																																																																		
a. Under Attic	R=30.0, 1950.0 ft ²		<input type="checkbox"/>																																																																																																																		
b. N/A			<input type="checkbox"/>																																																																																																																		
c. N/A			<input type="checkbox"/>																																																																																																																		
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 50.0 ft		<input type="checkbox"/>																																																																																																																		
b. N/A			<input type="checkbox"/>																																																																																																																		
a. Central Unit			Cap: 37.0 kBtu/hr <input type="checkbox"/>																																																																																																																		
			SEER: 13.00 <input type="checkbox"/>																																																																																																																		
b. N/A			<input type="checkbox"/>																																																																																																																		
c. N/A			<input type="checkbox"/>																																																																																																																		
a. Electric Heat Pump			Cap: 37.0 kBtu/hr <input type="checkbox"/>																																																																																																																		
			HSPF: 7.70 <input type="checkbox"/>																																																																																																																		
b. N/A			<input type="checkbox"/>																																																																																																																		
c. N/A			<input type="checkbox"/>																																																																																																																		
a. Electric Resistance			Cap: 50.0 gallons <input type="checkbox"/>																																																																																																																		
			EF: 0.90 <input type="checkbox"/>																																																																																																																		
b. N/A			<input type="checkbox"/>																																																																																																																		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)			<input type="checkbox"/>																																																																																																																		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.5.2)

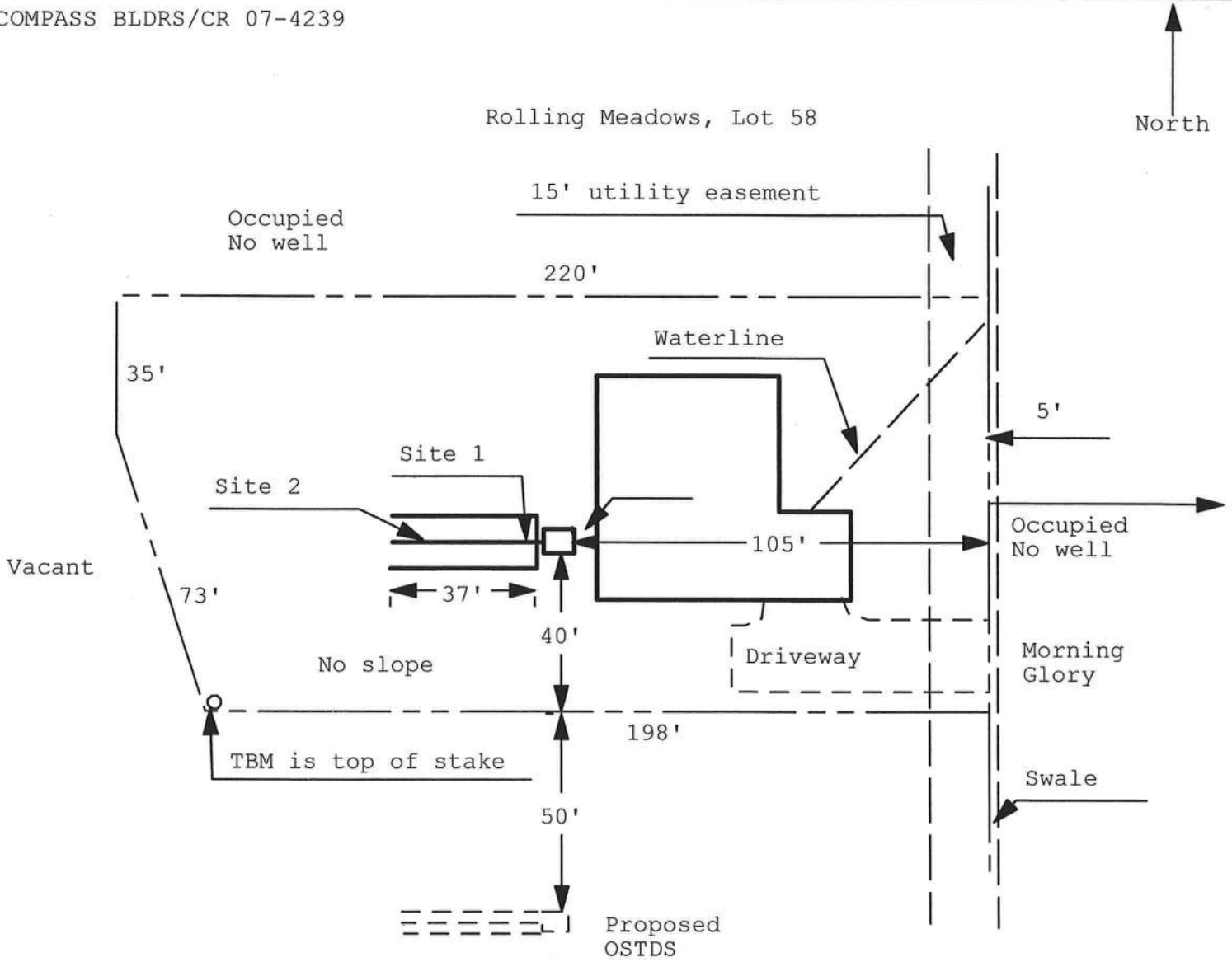
08-0059

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 0801-57

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

COMPASS BLDERS/CR 07-4239



1 inch = 40 feet

Site Plan Submitted By Paul Lloyd Date 1/11/08

Plan Approved Not Approved Date 1-15-08

By Mar & Linda Columbia CPHU

Notes: _____

Residential System Sizing Calculation

Summary

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Lot 58

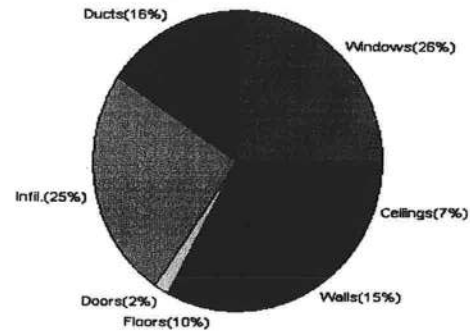
1/10/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	31426 Btuh	Total cooling load calculation	46421 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.7 37000	Sensible (SHR = 0.75)	73.2 27750
Heat Pump + Auxiliary(0.0kW)	117.7 37000	Latent	108.4 9250
		Total (Electric Heat Pump)	79.7 37000

WINTER CALCULATIONS

Winter Heating Load (for 1787 sqft)

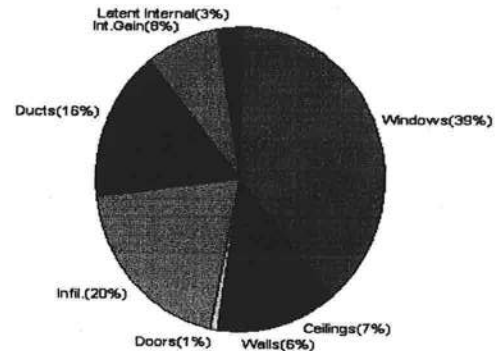
Load component	Load		
Window total	254 sqft	8166 Btuh	
Wall total	1394 sqft	4579 Btuh	
Door total	40 sqft	518 Btuh	
Ceiling total	1950 sqft	2298 Btuh	
Floor total	198 sqft	3238 Btuh	
infiltration	191 cfm	7721 Btuh	
Duct loss		4907 Btuh	
Subtotal		31426 Btuh	
Ventilation	0 cfm	0 Btuh	
TOTAL HEAT LOSS		31426 Btuh	



SUMMER CALCULATIONS

Summer Cooling Load (for 1787 sqft)

Load component	Load		
Window total	254 sqft	18233 Btuh	
Wall total	1394 sqft	2814 Btuh	
Door total	40 sqft	392 Btuh	
Ceiling total	1950 sqft	3229 Btuh	
Floor total		0 Btuh	
Infiltration	167 cfm	3104 Btuh	
Internal gain		3780 Btuh	
Duct gain		6332 Btuh	
Sens. Ventilation	0 cfm	0 Btuh	
Total sensible gain		37884 Btuh	
Latent gain(ducts)		1242 Btuh	
Latent gain(infiltration)		6095 Btuh	
Latent gain(ventilation)		0 Btuh	
Latent gain(internal/occupants/other)		1200 Btuh	
Total latent gain		8537 Btuh	
TOTAL HEAT GAIN		46421 Btuh	



Version 8
For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: 1-9-08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

1/10/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	15.0	32.2	483 Btuh
2	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
3	2, Clear, Metal, 0.87	W	54.0	32.2	1738 Btuh
4	2, Clear, Metal, 0.87	W	16.0	32.2	515 Btuh
5	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
6	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	6.7	32.2	215 Btuh
9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
11	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
	Window Total		254(sqft)		8166 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1230	3.3	4040 Btuh
2	Frame - Wood - Adj(0.09)	13.0	164	3.3	539 Btuh
	Wall Total		1394		4579 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1950	1.2	2298 Btuh
	Ceiling Total		1950		2298Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	198.0 ft(p)	16.4	3238 Btuh
	Floor Total		198		3238 Btuh
			Envelope Subtotal:		18798 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.80	14296	1394	190.6
					7721 Btuh
Ductload				(DLM of 0.185)	4907 Btuh
All Zones			Sensible Subtotal All Zones		31426 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/10/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	31426 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31426 Btuh

EQUIPMENT

1. Electric Heat Pump	#	37000 Btuh
-----------------------	---	------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (Frame types - metal, wood or insulated metal)
 (U - Window U-Factor or 'DEF' for default)
 (HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

1/10/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	15.0	32.2	483 Btuh
2	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
3	2, Clear, Metal, 0.87	W	54.0	32.2	1738 Btuh
4	2, Clear, Metal, 0.87	W	16.0	32.2	515 Btuh
5	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
6	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	6.7	32.2	215 Btuh
9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
11	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
	Window Total		254(sqft)		8166 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1230	3.3	4040 Btuh
2	Frame - Wood - Adj(0.09)	13.0	164	3.3	539 Btuh
	Wall Total		1394		4579 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1950	1.2	2298 Btuh
	Ceiling Total		1950		2298Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	198.0 ft(p)	16.4	3238 Btuh
	Floor Total		198		3238 Btuh
Zone Envelope Subtotal:					18798 Btuh
Infiltration	Type	ACH X	Volume(cuft) walls(sqft)	CFM=	Load
	Natural	0.80	14296 1394	190.6	7721 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.185)				4907 Btuh
Zone #1	Sensible Zone Subtotal				31426 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House
Lake City, FL 32025-

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

1/10/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	31426 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31426 Btuh

EQUIPMENT

1. Electric Heat Pump	#	37000 Btuh
-----------------------	---	------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (Frame types - metal, wood or insulated metal)
 (U - Window U-Factor or 'DEF' for default)
 (HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

1/10/2008

Component Loads for Whole House												
Window	Type*			Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	15.0	0.0	15.0	29	80	1193 Btuh		
2	2, Clear, 0.87, None,N,N	W	7.5ft	10ft.	40.0	17.3	22.7	29	80	2304 Btuh		
3	2, Clear, 0.87, None,N,N	W	7.5ft	10ft.	54.0	20.0	34.0	29	80	3282 Btuh		
4	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	16.0	0.0	16.0	29	80	1272 Btuh		
5	2, Clear, 0.87, None,N,N	W	1.5ft	10ft.	6.0	0.0	6.0	29	80	477 Btuh		
6	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	20.0	0.0	20.0	29	29	579 Btuh		
7	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh		
8	2, Clear, 0.87, None,N,N	E	8.5ft	10ft.	6.7	3.7	2.9	29	80	342 Btuh		
9	2, Clear, 0.87, None,N,N	E	1.5ft	10ft.	30.0	0.0	30.0	29	80	2385 Btuh		
10	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869 Btuh		
11	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	6.0	6.0	0.0	29	34	174 Btuh		
Excursion										2971 Btuh		
Window Total					254 (sqft)						18233 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)		HTM		Load			
1	Frame - Wood - Ext		13.0/0.09		1230.3		2.1		2566 Btuh			
2	Frame - Wood - Adj		13.0/0.09		164.0		1.5		247 Btuh			
Wall Total					1394 (sqft)						2814 Btuh	
Doors	Type				Area (sqft)		HTM		Load			
1	Insulated - Exterior				20.0		9.8		196 Btuh			
2	Insulated - Adjacent				20.0		9.8		196 Btuh			
Door Total					40 (sqft)						392 Btuh	
Ceilings	Type/Color/Surface		R-Value		Area(sqft)		HTM		Load			
1	Vented Attic/DarkShingle		30.0		1950.0		1.7		3229 Btuh			
Ceiling Total					1950 (sqft)						3229 Btuh	
Floors	Type		R-Value		Size		HTM		Load			
1	Slab On Grade		5.0		198 (ft(p))		0.0		0 Btuh			
Floor Total					198.0 (sqft)						0 Btuh	
Envelope Subtotal:										24668 Btuh		
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)		CFM=		Load	
	SensibleNatural		0.70		14296		1394		190.6		3104 Btuh	
Internal gain			Occupants		Btuh/occupant		Appliance		Load			
			6		X 230		+		2400		3780 Btuh	
Sensible Envelope Load:										31552 Btuh		
Duct load	(DGM of 0.201)										6332 Btuh	
Sensible Load All Zones										37884 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/10/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31552 Btuh
	Sensible Duct Load	6332 Btuh
	Total Sensible Zone Loads	37884 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	37884 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	6095 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1242 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	8537 Btuh
	TOTAL GAIN	46421 Btuh

EQUIPMENT

1. Central Unit	#		37000 Btuh
-----------------	---	--	------------

*Key: Window types (Pn - Number of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (BS - Insect screen: none(N), Full(F) or Half(H))
 (Ornt - compass orientation)



Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

1/10/2008

Component Loads for Zone #1: Main

Window	Type*			Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS	Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	W		1.5ft	10ft.	15.0	0.0	15.0	29	80	1193	Btuh	
2	2, Clear, 0.87, None,N,N	W		7.5ft	10ft.	40.0	17.3	22.7	29	80	2304	Btuh	
3	2, Clear, 0.87, None,N,N	W		7.5ft	10ft.	54.0	20.0	34.0	29	80	3282	Btuh	
4	2, Clear, 0.87, None,N,N	W		1.5ft	10ft.	16.0	0.0	16.0	29	80	1272	Btuh	
5	2, Clear, 0.87, None,N,N	W		1.5ft	10ft.	6.0	0.0	6.0	29	80	477	Btuh	
6	2, Clear, 0.87, None,N,N	N		1.5ft	8ft.	20.0	0.0	20.0	29	29	579	Btuh	
7	2, Clear, 0.87, None,N,N	E		1.5ft	8ft.	30.0	0.0	30.0	29	80	2385	Btuh	
8	2, Clear, 0.87, None,N,N	E		8.5ft	10ft.	6.7	3.7	2.9	29	80	342	Btuh	
9	2, Clear, 0.87, None,N,N	E		1.5ft	10ft.	30.0	0.0	30.0	29	80	2385	Btuh	
10	2, Clear, 0.87, None,N,N	S		1.5ft	8ft.	30.0	30.0	0.0	29	34	869	Btuh	
11	2, Clear, 0.87, None,N,N	S		1.5ft	8ft.	6.0	6.0	0.0	29	34	174	Btuh	
Window Total						254 (sqft)						15262	Btuh
Walls	Type			R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext			13.0/0.09		1230.3			2.1		2566 Btuh		
2	Frame - Wood - Adj			13.0/0.09		164.0			1.5		247 Btuh		
Wall Total						1394 (sqft)						2814	Btuh
Doors	Type					Area (sqft)			HTM		Load		
1	Insulated - Exterior					20.0			9.8		196 Btuh		
2	Insulated - Adjacent					20.0			9.8		196 Btuh		
Door Total						40 (sqft)						392	Btuh
Ceilings	Type/Color/Surface			R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle			30.0		1950.0			1.7		3229 Btuh		
Ceiling Total						1950 (sqft)						3229	Btuh
Floors	Type			R-Value		Size			HTM		Load		
1	Slab On Grade			5.0		198 (ft(p))			0.0		0 Btuh		
Floor Total						198.0 (sqft)						0	Btuh
Zone Envelope Subtotal:											21697	Btuh	
Infiltration	Type			ACH	Volume(cuft) wall area(sqft)			CFM=		Load			
	SensibleNatural			0.70	14296	1394		166.8		3104 Btuh			
Internal gain				Occupants	Btuh/occupant			Appliance		Load			
				6	X	230	+	2400		3780 Btuh			
Sensible Envelope Load:											28581	Btuh	
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)								(DGM of 0.201)		5736 Btuh		
Sensible Zone Load											34317	Btuh	

The following window Excursion will be assigned to the system loads.

Windows	July excursion for System 1	
	Excursion Subtotal:	2971 Btuh
		2971 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/10/2008

Duct load		596 Btuh
	Sensible Excursion Load	3567 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/10/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31552 Btuh
	Sensible Duct Load	6332 Btuh
	Total Sensible Zone Loads	37884 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	37884 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	6095 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1242 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	8537 Btuh
	TOTAL GAIN	46421 Btuh

EQUIPMENT

1. Central Unit	#	37000 Btuh
-----------------	---	------------

*Key: Window types (Pn - Number of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (BS - Insect screen: none(N), Full(F) or Half(H))
 (Ornt - compass orientation)



Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Project Title:
Compass Builders - Rae

Code Only
Professional Version
Climate: North

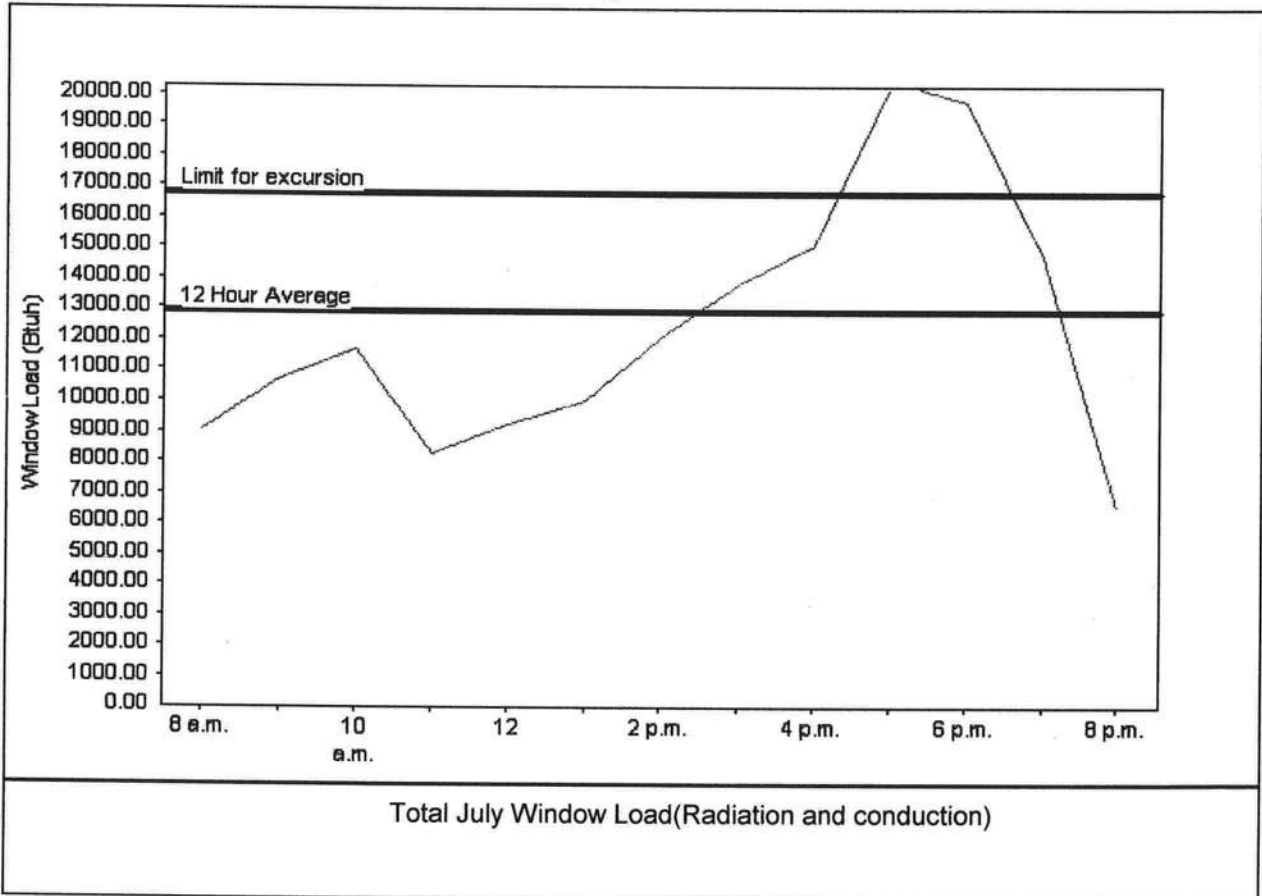
Lake City, FL 32025-

1/10/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	12894 Btu
Summer setpoint	75 F	Peak window load for July	20440 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	16763 Btu
Latitude	29 North	Window excursion (July)	3677 Btu

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only
 PREPARED BY: _____
 DATE: 1/10/08



PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Jeld-Wen	Exterior Swinging door	FL-498-R1
B. SLIDING			
C. SECTIONAL/ROLL UP	Raynar	Raynar	FL-4867
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	ME-Products	Single Hung Window	FL-5108
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Hardi Plank Siding	FL-884-R1
B. SOFFITS	Kaycan	Aluminum Soffit	FL-4957
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Elk Roofing	Asphalt shingles	FL-586-R2
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson Strong tie	Truss Straps	FL-474-R1
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

James Heid
APPLICANT SIGNATURE

1/10/08
DATE

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:

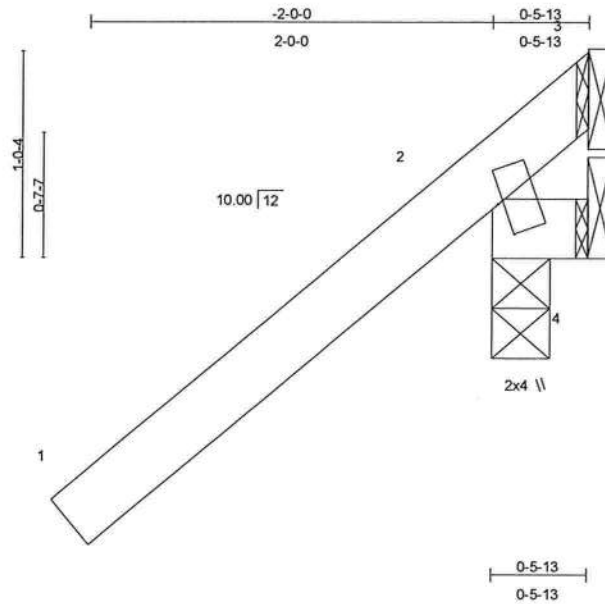
Applicant	Plans Examiner	
<input type="checkbox"/>	<input type="checkbox"/>	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
<input type="checkbox"/>	<input type="checkbox"/>	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
<input type="checkbox"/>	<input type="checkbox"/>	<u>Site Plan including:</u> 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.
<input type="checkbox"/>	<input type="checkbox"/>	<u>Wind-load Engineering Summary, calculations and any details required</u> 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, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. 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/m^2) to be used for the design of exterior component and cladding materials not speciffaly designed by the registered design professional.
<input type="checkbox"/>	<input type="checkbox"/>	<u>Elevations including:</u> 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 shall be designed by a Windload engineer using the engineered roof truss plans.
 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 (termitecide 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:

Job	Truss	Truss Type	Qty	Ply	0 0	J1924994
	CJ01	JACK	4	1		
						Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:41 2008 Page 1



Scale = 1:10.8

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.45	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.00	Vert(TL)	-0.00	2	>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/TPI2002		(Matrix)							Weight: 6 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 0-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=404/0-3-8, 4=2/Mechanical, 3=-263/Mechanical
Max Horz 2=114(load case 6)
Max Uplift 2=-503(load case 6), 3=-263(load case 1)
Max Grav 2=404(load case 1), 4=7(load case 2), 3=382(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/65, 2-3=-240/479
BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.75

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 503 lb uplift at joint 2 and 263 lb uplift at joint 3.

Julius Lee
Truss Design Engineer
Florida Reg. No. 34869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1924994
	CJ01	JACK	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:41 2008 Page 2

LOAD CASE(S) Standard

Julius Lutz
Truss Design Engineer
Florida P.E. No. 35868
1100 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10, 2008

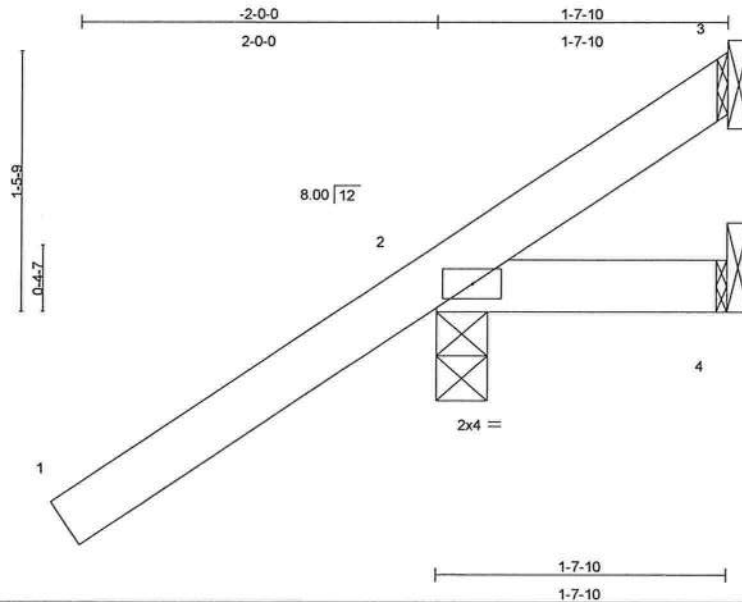
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1924995
	CJ02	JACK	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:42 2008 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0 1.25	TC 0.37	Vert(LL) -0.00	2	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.02	Vert(TL) -0.00	2	>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/TPI2002	(Matrix)						
							Weight: 9 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 1-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=240/0-3-8, 4=8/Mechanical, 3=-32/Mechanical
Max Horz 2=124(load case 6)
Max Uplift 2=-219(load case 6), 3=-32(load case 1)
Max Grav 2=240(load case 1), 4=24(load case 2), 3=67(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/61, 2-3=-69/54
BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.32

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 219 lb uplift at joint 2 and 32 lb uplift at joint 3.

Julius Lee
Truss Design Engineer
Florida PE No. 31803
1199 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

LOAD CASE(S) Standard

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK 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, 563 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1924996
	CJ03	JACK	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:42 2008 Page 1

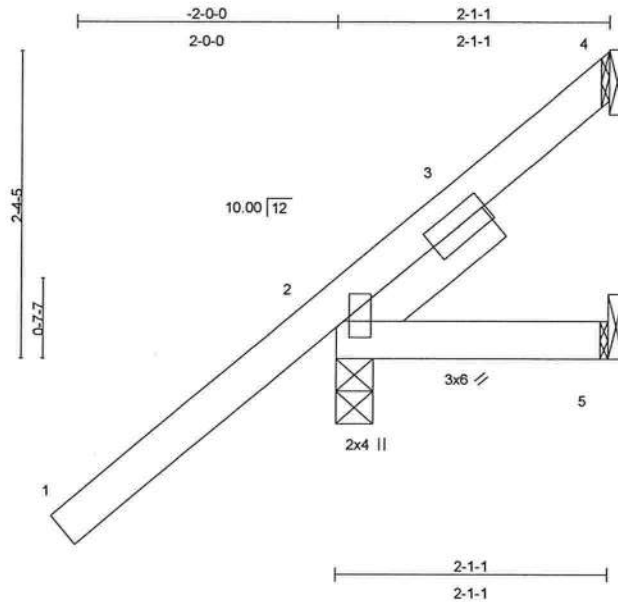


Plate Offsets (X,Y): [2:0-1-8,0-0-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.42	Vert(LL)	-0.00 2	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.03	Vert(TL)	-0.00 2-5	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.00	Horz(TL)	0.00 4	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 13 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 SLIDER Left 2 X 4 SYP No.2 1-4-6

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-1-1 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=-21/Mechanical, 2=253/0-3-8, 5=9/Mechanical
 Max Horz 2=163(load case 6)
 Max Uplift 4=-21(load case 1), 2=-202(load case 6)
 Max Grav 4=46(load case 4), 2=253(load case 1), 5=28(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/66, 2-3=-97/41, 3-4=-48/28
 BOT CHORD 2-5=0/0

JOINT STRESS INDEX

2 = 0.72, 2 = 0.13 and 3 = 0.00

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 21 lb uplift at joints 4 and 202 lb uplift at joint 2.

Julius Lee
 Truss Design Engineer
 Florida PE No. 2-1888
 1199 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10,2008

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	0 0	J1924996
	CJ03	JACK	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:42 2008 Page 2

LOAD CASE(S) Standard

Julius Lee
 Truss Design Engineer
 Florida PE No. 24868
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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

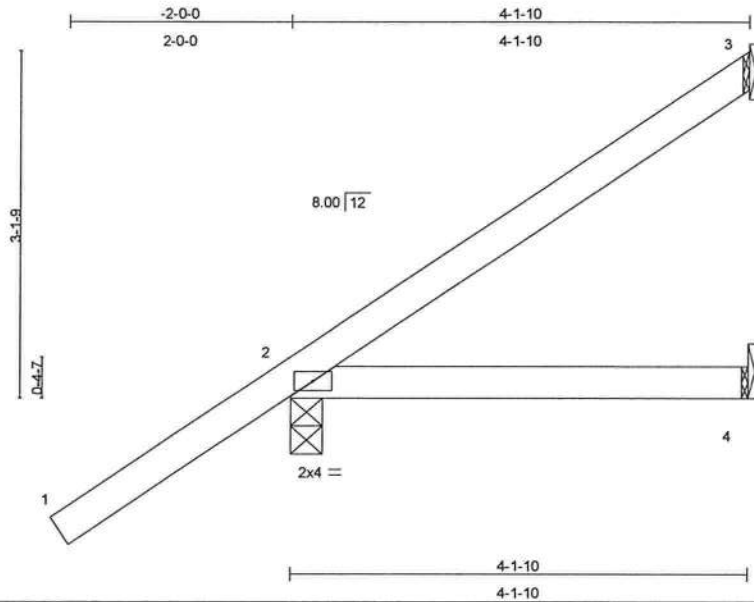
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary 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	0 0	J1924997
	CJ04	JACK	4	1		
						Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:43 2008 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 0.39	Vert(LL)	-0.01	2-4	>999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.11	Vert(TL)	-0.02	2-4	>999		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 17 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-1-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=72/Mechanical, 2=280/0-3-8, 4=20/Mechanical
Max Horz 2=186(load case 6)
Max Uplift 3=-51(load case 5), 2=-171(load case 6)
Max Grav 3=72(load case 1), 2=280(load case 1), 4=59(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-81/29
BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.34

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 51 lb uplift at joint 3 and 171 lb uplift at joint 2.

Julian Lee
Truss Design Engineer
Florida P.E. No. 24889
1400 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10, 2008

LOAD CASE(S) Standard

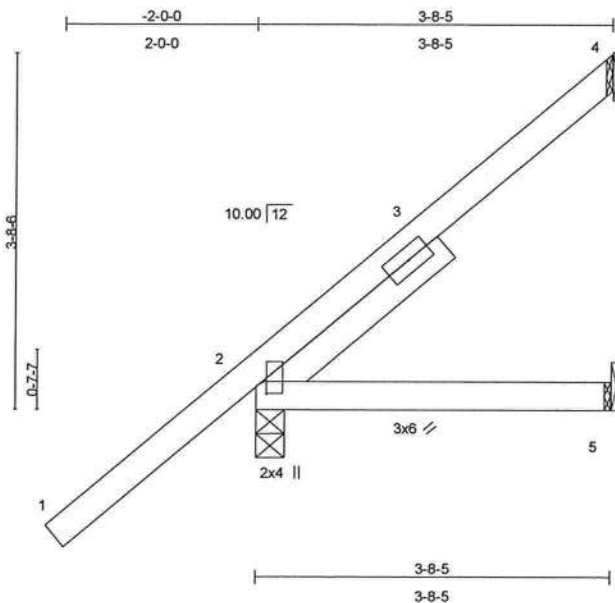
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1924998
	CJ05	JACK	4	1		
						Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:44 2008 Page 1



Scale = 1:22.6

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

LOADING (psf)	SPACING		CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	Plates Increase 1.25	TC 0.42	Vert(LL) -0.01	2-5	>999	360		MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.09	BC 0.09	Vert(TL) -0.01	2-5	>999	240			
BCLL 10.0	* Rep Stress Incr YES	WB 0.00	WB 0.00	Horz(TL) -0.00	4	n/a	n/a			
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)								Weight: 20 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 SLIDER Left 2 X 4 SYP No.2 2-4-6

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-8-5 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=55/Mechanical, 2=271/0-3-8, 5=17/Mechanical
 Max Horz 2=214(load case 6)
 Max Uplift 4=-61(load case 5), 2=-153(load case 6)
 Max Grav 4=55(load case 1), 2=271(load case 1), 5=52(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/66, 2-3=-98/8, 3-4=-71/23
 BOT CHORD 2-5=0/0

JOINT STRESS INDEX

2 = 0.76, 2 = 0.13 and 3 = 0.00

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 61 lb uplift at joint 4 and 153 lb uplift at joint 2.

Julius Lee
 Truss Design Engineer
 Florida PE No. 34889
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1924998
	CJ05	JACK	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:44 2008 Page 2

LOAD CASE(S) Standard

Julius Lee
 Truss Design Engineer
 Florida FE No. 34888
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

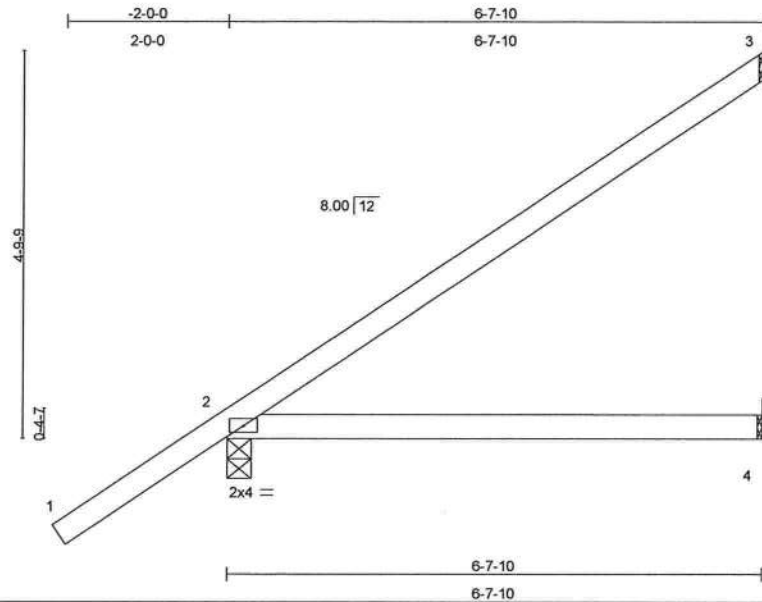
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1924999
	CJ06	JACK	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:44 2008 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 0.41	Vert(LL)	-0.09	2-4	>861	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.29	Vert(TL)	-0.16	2-4	>492	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/TPI2002		(Matrix)						Weight: 26 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=153/Mechanical, 2=347/0-3-8, 4=32/Mechanical
Max Horz 2=250(load case 6)
Max Uplift 3=-126(load case 6), 2=-162(load case 6)
Max Grav 3=153(load case 1), 2=347(load case 1), 4=96(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-151/67
BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.39

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 126 lb uplift at joint 3 and 162 lb uplift at joint 2.

Julius Lee
Truss Design Engineer
Florida PE No. 38869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

LOAD CASE(S) Standard

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	0 0	J1925000
	CJ07	JACK	2	1		
						Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:45 2008 Page 1

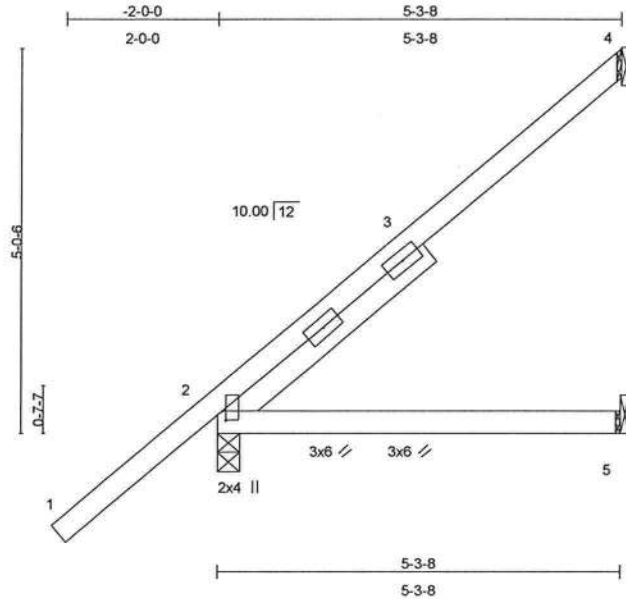


Plate Offsets (X,Y): [2:0-1-8,0-0-8]

LOADING (psf)	SPACING		CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	2-0-0	TC 0.42	Vert(LL) -0.04	-0.04	2-5	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.18	Vert(TL) -0.06	-0.06	2-5	>995	240		
BCLL 10.0	* Rep Stress Incr YES		WB 0.00	Horz(TL) -0.02	-0.02	4	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 27 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 SLIDER Left 2 X 4 SYP No.2 3-4-15

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 4=111/Mechanical, 2=310/0-3-8, 5=25/Mechanical
 Max Horz 2=265(load case 6)
 Max Uplift 4=-119(load case 6), 2=-134(load case 6)
 Max Grav 4=111(load case 1), 2=310(load case 1), 5=76(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/66, 2-3=-155/7, 3-4=-141/52
 BOT CHORD 2-5=0/0

JOINT STRESS INDEX

2 = 0.85, 2 = 0.07, 2 = 0.07 and 3 = 0.00

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 119 lb uplift at joint 4 and 134 lb uplift at joint 2.

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1199 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925000
	CJ07	JACK	2	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:45 2008 Page 2

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34868
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

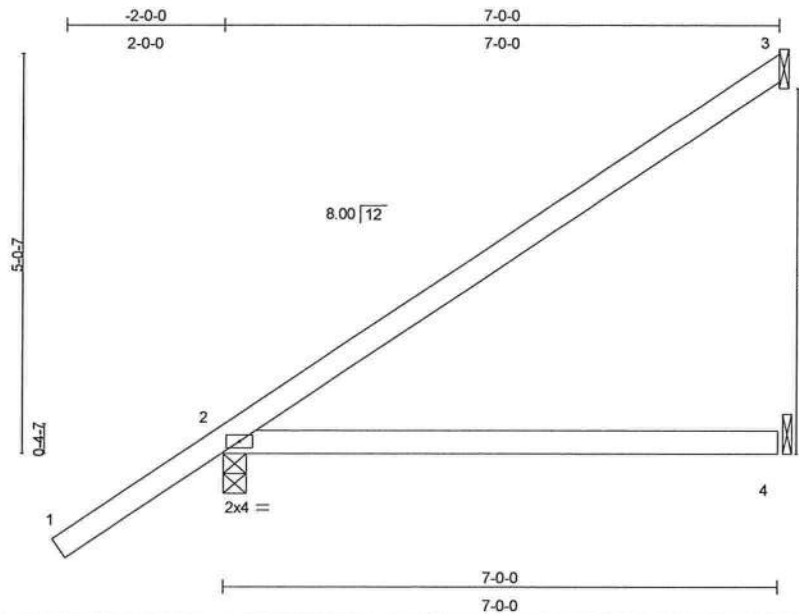
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925001
	EJ07	MONO TRUSS	7	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:22:04 2008 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 0.48	Vert(LL)	-0.11 2-4	>730	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.33	Vert(TL)	-0.20 2-4	>417	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/TPI2002	(Matrix)						Weight: 27 lb

LUMBER

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

BRACING

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

REACTIONS (lb/size) 3=164/Mechanical, 2=357/0-3-8, 4=34/Mechanical
 Max Horz 2=259(load case 6)
 Max Uplift 3=-136(load case 6), 2=-161(load case 6)
 Max Grav 3=164(load case 1), 2=357(load case 1), 4=102(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-160/72
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX

2 = 0.41

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 136 lb uplift at joint 3 and 161 lb uplift at joint 2.

Julius Lane
 Truss Design Engineer
 Florida P.E. No. 24858
 1400 Coastal Bay Blvd
 Boynton Beach, FL 33436

LOAD CASE(S) Standard

January 10, 2008

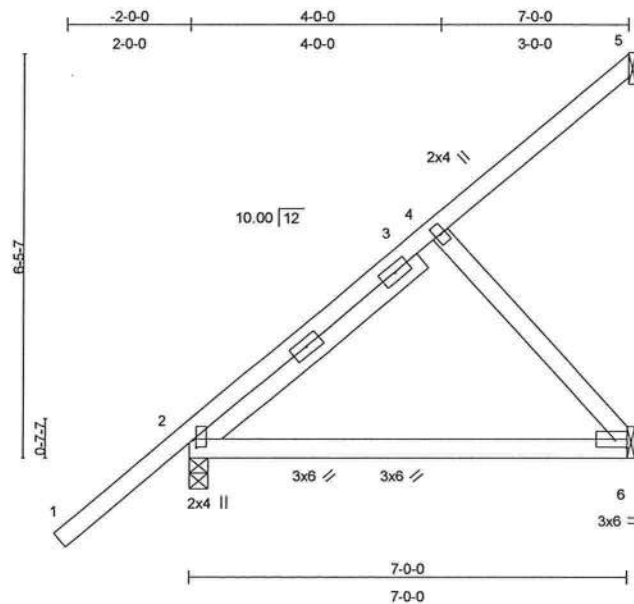
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925002
	EJ07A	MONO TRUSS	8	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:46 2008 Page 1



Scale = 1:34.7

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

LOADING (psf)	SPACING		CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	2-0-0	TC 0.41	Vert(LL)	-0.12	2-6	>710	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.34	Vert(TL)	-0.20	2-6	>406	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.06	Horz(TL)	-0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									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 Left 2 X 4 SYP No.2 4-7-11

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=67/Mechanical, 2=359/0-3-8, 6=130/Mechanical
 Max Horz 2=320(load case 6)
 Max Uplift 5=-70(load case 6), 2=-123(load case 6), 6=-84(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-201/0, 3-4=-83/0, 4-5=-89/33
 BOT CHORD 2-6=-152/84
 WEBS 4-6=-127/230

JOINT STRESS INDEX

2 = 0.73, 2 = 0.06, 2 = 0.06, 3 = 0.00, 4 = 0.13 and 6 = 0.09

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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

Julius Lee
 Truss Design Engineer
 Florida PE No. 24868
 1400 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10,2008

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	0 0	J1925002
	EJ07A	MONO TRUSS	8	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:46 2008 Page 2

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 70 lb uplift at joint 5, 123 lb uplift at joint 2 and 84 lb uplift at joint 6.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34868
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

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

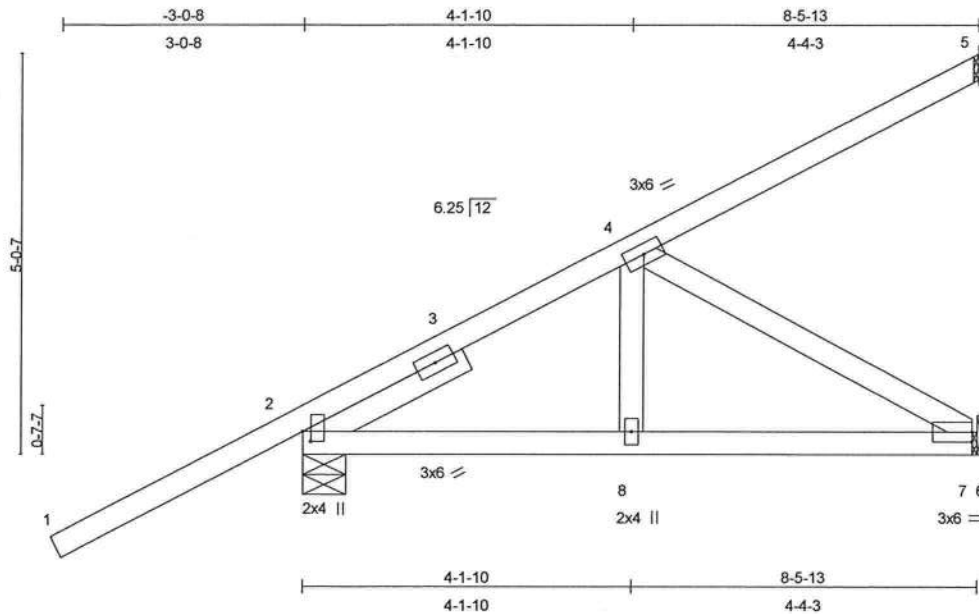
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary 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	0 0	J1925003
	HJ07	MONO TRUSS	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:34:19 2008 Page 1



Scale = 1:27.3

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

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.56	Vert(LL)	-0.01	7-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.16	Vert(TL)	-0.03	7-8	>999	240		
BCLL 10.0	Rep Stress Incr	NO	WB 0.12	Horz(TL)	-0.01	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 46 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 2-3-0

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=188/Mechanical, 2=389/0-6-9, 7=164/Mechanical
 Max Horz 2=259(load case 5)
 Max Uplift 5=-161(load case 5), 2=-182(load case 5), 7=-33(load case 5)
 Max Grav 5=188(load case 1), 2=389(load case 1), 7=174(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/65, 2-3=-304/0, 3-4=-284/0, 4-5=-101/65
 BOT CHORD 2-8=-93/220, 7-8=-93/220, 6-7=0/0
 WEBS 4-7=-254/107, 4-8=0/157

JOINT STRESS INDEX

2 = 0.89, 2 = 0.14, 3 = 0.00, 4 = 0.12, 7 = 0.07 and 8 = 0.12

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; 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 161 lb uplift at joint 5, 182 lb uplift at joint 2 and 33 lb uplift at joint 7.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925003
	HJ07	MONO TRUSS	2	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:34:19 2008 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=-0(F=27, B=27)-to-5=-114(F=-30, B=-30), 2=0(F=5, B=5)-to-6=-21(F=-6, B=-6)

Julius Lee
Truss Design Engineer
Florida PE No. 24868
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

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	0 0	J1925004
	HJ07A	MONO TRUSS	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:35:20 2008 Page 1

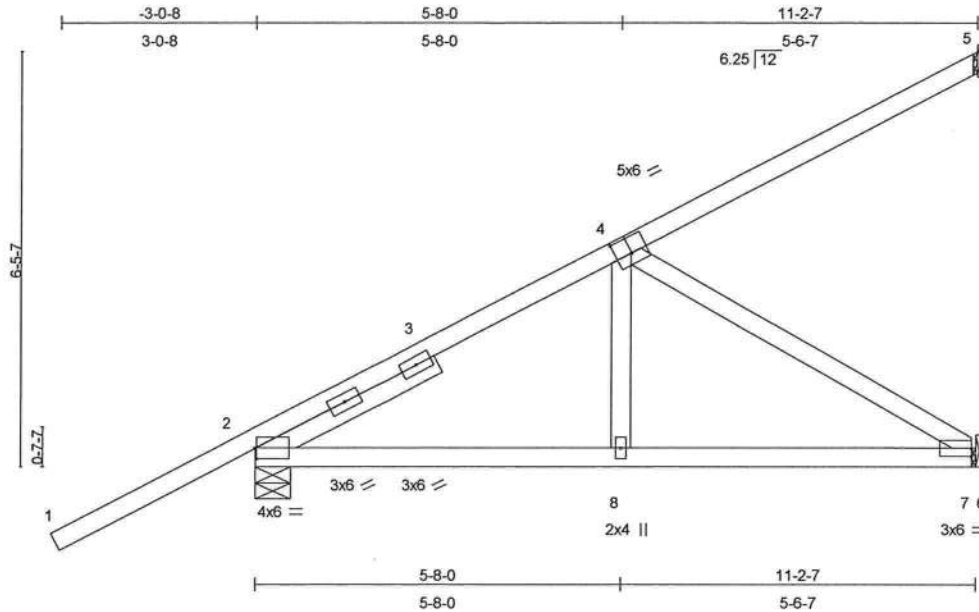


Plate Offsets (X,Y): [2:0-0,4,0-2-0], [4:0-3-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.68	Vert(LL)	-0.03 2-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.30	Vert(TL)	-0.08 7-8	>999	240		
BCLL 10.0	Rep Stress Incr	NO	WB 0.39	Horz(TL)	-0.01 5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 59 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 3-1-5

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=302/Mechanical, 2=521/0-6-9, 7=339/Mechanical
 Max Horz 2=411(load case 5)
 Max Uplift 5=-267(load case 5), 2=-177(load case 5), 7=-128(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/65, 2-3=-562/0, 3-4=-477/0, 4-5=-168/102
 BOT CHORD 2-8=-264/459, 7-8=-264/459, 6-7=0/0
 WEBS 4-8=0/214, 4-7=-535/307

JOINT STRESS INDEX

2 = 0.77, 2 = 0.11, 2 = 0.11, 3 = 0.00, 4 = 0.44, 7 = 0.15 and 8 = 0.16

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; 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 267 lb uplift at joint 5, 177 lb uplift at joint 2 and 128 lb uplift at joint 7.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Julius Lee
 Truss Design Engineer
 Florida PE No. 34868
 1409 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925004
	HJ07A	MONO TRUSS	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:35:20 2008 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=-0(F=27, B=27)-to-5=-150(F=-48, B=-48), 2=0(F=5, B=5)-to-6=-28(F=-9, B=-9)

Julius Lee
Truss Design Engineer
Florida PE No. 24868
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925005
	T01	COMMON	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:48 2008 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 99 lb uplift at joint 6 and 234 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34888
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925006
	T01G	GABLE	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:49 2008 Page 1

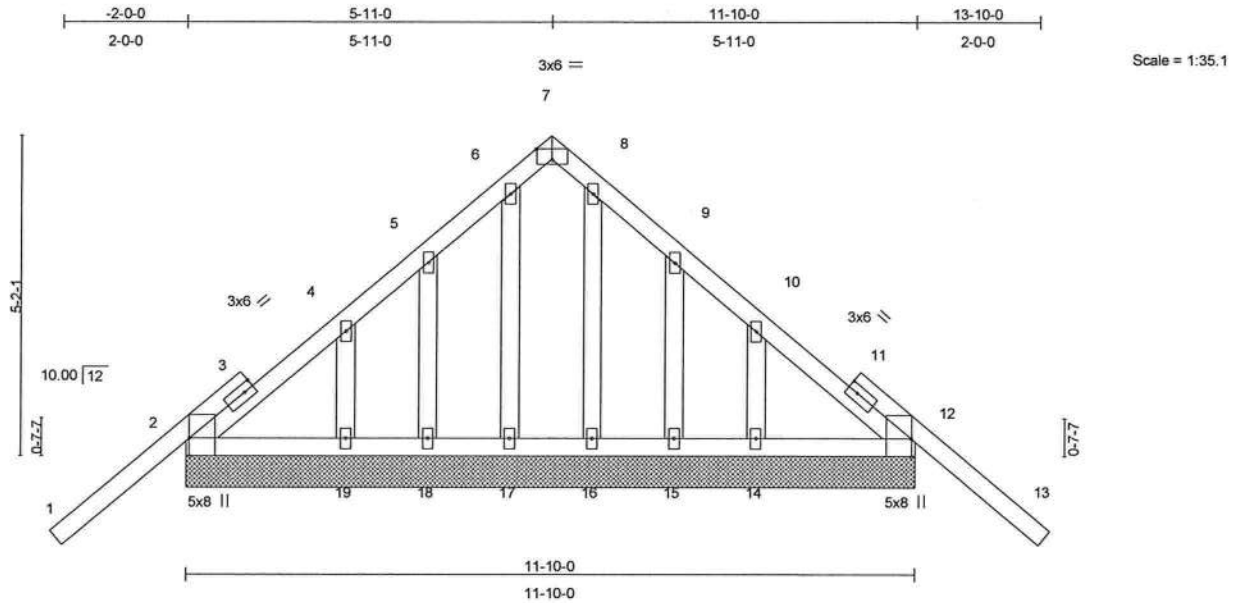


Plate Offsets (X,Y): [2:0-3-8, Edge], [7:0-3-0, Edge], [12:0-3-8, Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.41	Vert(LL)	-0.03 13	n/r	120	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.10	Vert(TL)	-0.04 13	n/r	90		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.04	Horz(TL)	0.00 12	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 79 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=249/11-10-0, 12=249/11-10-0, 17=72/11-10-0, 18=93/11-10-0, 19=77/11-10-0, 16=72/11-10-0, 15=93/11-10-0, 14=77/11-10-0

Max Horz 2=-157(load case 4)

Max Uplift 2=-155(load case 6), 12=-177(load case 7), 17=-19(load case 5), 18=-109(load case 6), 19=-51(load case 5), 15=-112(load case 7), 14=-53(load case 4)

Max Grav 2=249(load case 1), 12=249(load case 1), 17=72(load case 4), 18=94(load case 10), 19=90(load case 2), 16=72(load case 1), 15=94(load case 11), 14=90(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/65, 2-3=-120/89, 3-4=-109/102, 4-5=-62/75, 5-6=-40/136, 6-7=-33/118, 7-8=-33/118, 8-9=-40/136, 9-10=-38/34, 10-11=-68/60, 11-12=-79/47, 12-13=0/65

BOT CHORD 2-19=0/231, 18-19=0/231, 17-18=0/231, 16-17=0/231, 15-16=0/231, 14-15=0/231, 12-14=0/231

WEBS 6-17=-62/28, 5-18=-77/149, 4-19=-70/68, 8-16=-60/0, 9-15=-77/149, 10-14=-70/69

Julius Lane
 Truss Design Engineer
 Florida P.E. No. 34888
 1400 Coastal Bay Blvd
 Boynton Beach, FL 33436

JOINT STRESS INDEX

2 = 0.62, 3 = 0.00, 3 = 0.23, 4 = 0.04, 5 = 0.07, 6 = 0.03, 7 = 0.19, 8 = 0.03, 9 = 0.07, 10 = 0.04, 11 = 0.00, 11 = 0.23, 12 = 0.62, 14 = 0.04, 15 = 0.08, 16 = 0.02, 17 = 0.02, 18 = 0.08 and 19 = 0.04

Continued on page 2

January 10, 2008

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 a component into the overall building structure, including all temporary and permanent bracing, is the responsibility of the 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	0 0	J1925006
	T01G	GABLE	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:49 2008 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 155 lb uplift at joint 2, 177 lb uplift at joint 12, 19 lb uplift at joint 17, 109 lb uplift at joint 18, 51 lb uplift at joint 19, 112 lb uplift at joint 15 and 53 lb uplift at joint 14.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 31808
1100 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10, 2008

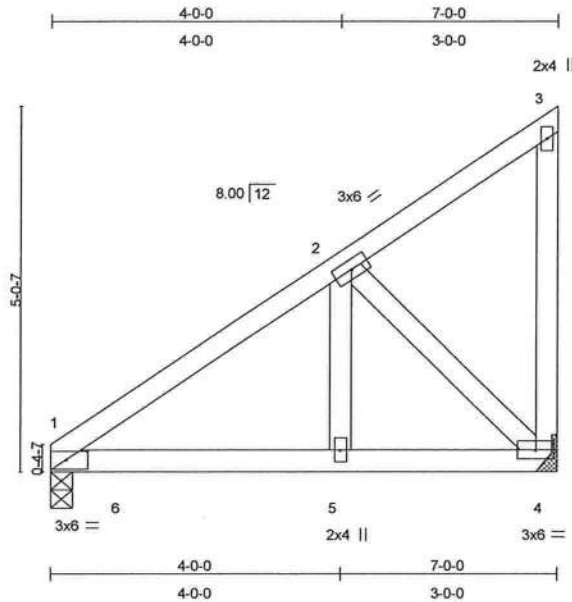
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925007
	T02	MONO TRUSS	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:49 2008 Page 1



Scale = 1:30.0

Simpson HTU26

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

LOADING (psf)	SPACING		CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	2-0-0	TC 0.15	Vert(LL)	-0.04	1-5	>999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.63	Vert(TL)	-0.07	1-5	>999		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.25	Horz(TL)	0.01	4	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 39 lb	

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 1=674/0-3-8, 4=809/Mechanical
 Max Horz 1=176(load case 5)
 Max Uplift 1=-190(load case 5), 4=-361(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-772/179, 2-3=-56/21
 BOT CHORD 1-6=-272/600, 5-6=-272/600, 4-5=-272/600
 WEBS 3-4=-53/43, 2-5=-245/771, 2-4=-829/375

JOINT STRESS INDEX

1 = 0.37, 2 = 0.57, 3 = 0.02, 4 = 0.25 and 5 = 0.55

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; 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 190 lb uplift at joint 1 and 361 lb uplift at joint 4.

Julius Lee
 Truss Design Engineer
 Florida Reg. No. 34889
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10,2008

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 HIG-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, 563 D'Oroffo Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925007
	T02	MONO TRUSS	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:49 2008 Page 2

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: 1-3=-54, 1-6=-10, 4-6=-190(B=-180)

Julius Lee
Truss Design Engineer
Florida PE No. 3-1868
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925008
	T03	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:50 2008 Page 1

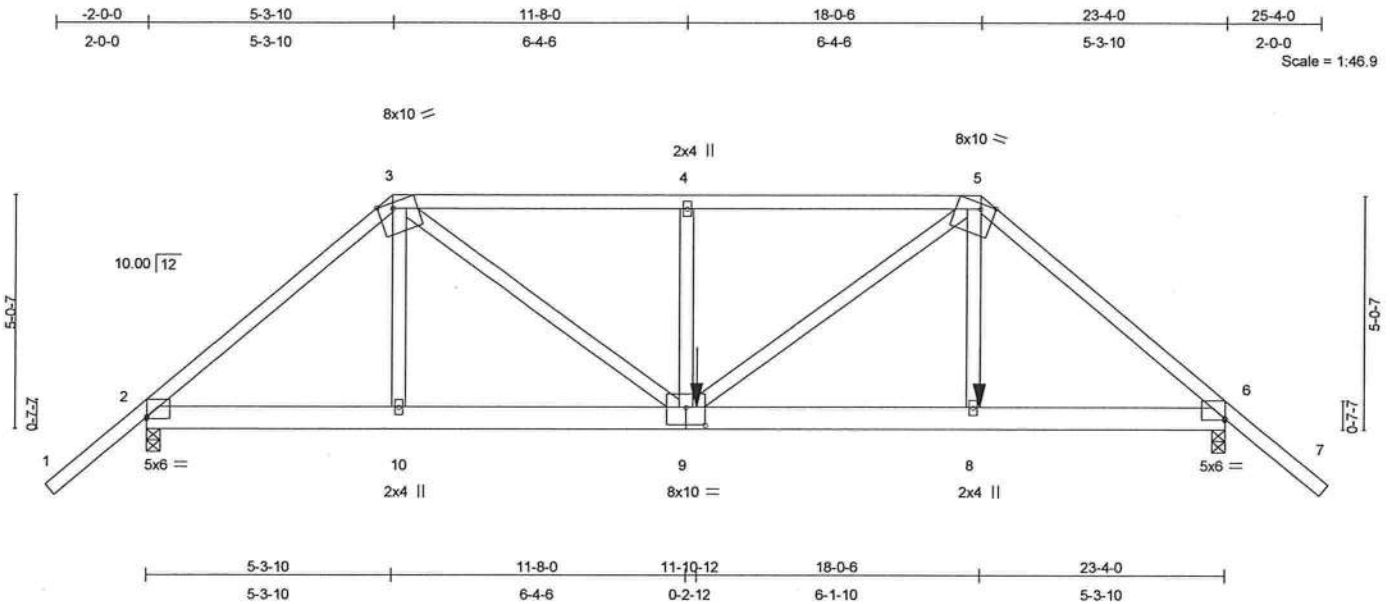


Plate Offsets (X,Y): [2:0-0-1,0-0-7], [3:0-3-13,Edge], [5:0-3-13,Edge], [6:0-0-1,0-0-7], [9:0-5-0,0-4-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.72	Vert(LL)	0.09	9	>999	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.26	Vert(TL)	-0.16	8-9	>999		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.82	Horz(TL)	0.03	6	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 143 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-2-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-7-12 oc bracing.

REACTIONS

(lb/size) 2=1507/0-3-8, 6=1807/0-3-8
 Max Horz 2=-151(load case 3)
 Max Uplift 2=-600(load case 4), 6=-757(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/69, 2-3=-1921/810, 3-4=-2547/1198, 4-5=-2547/1197, 5-6=-2383/1045, 6-7=0/69
 BOT CHORD 2-10=-631/1359, 9-10=-630/1361, 8-9=-711/1739, 6-8=-709/1726
 WEBS 3-10=0/190, 3-9=-806/1513, 4-9=-572/407, 5-9=-563/1045, 5-8=-101/398

JOINT STRESS INDEX

2 = 0.72, 3 = 0.87, 4 = 0.33, 5 = 0.87, 6 = 0.72, 8 = 0.33, 9 = 0.35 and 10 = 0.33

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- Provide adequate drainage to prevent water ponding.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 34868
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925008
	T03	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:50 2008 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 600 lb uplift at joint 2 and 757 lb uplift at joint 6.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 4-5=-118(F=-64), 5-7=-54, 2-9=-10, 8-9=-22(F=-12), 6-8=-10

Concentrated Loads (lb)

Vert: 9=-809(F) 8=-311(F)

Julius Lee
Truss Design Engineer
Florida P.E. No. 24868
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925009
	T04	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:51 2008 Page 1

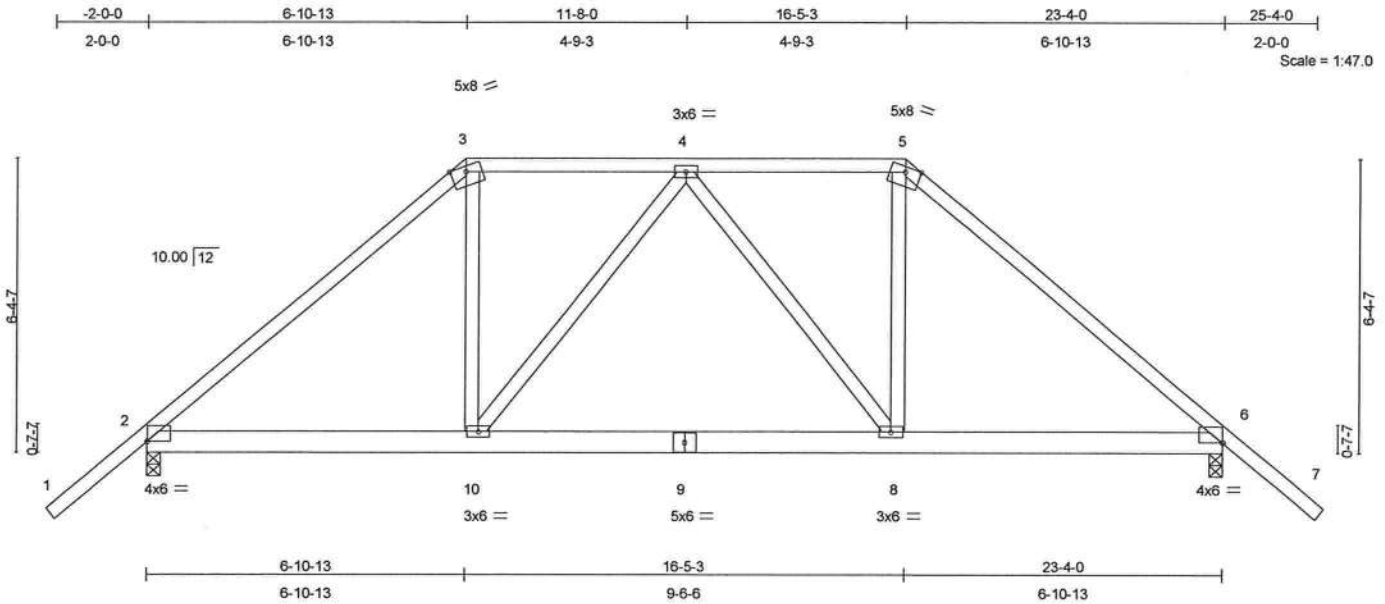


Plate Offsets (X,Y): [2:0-0-1,Edge], [6:0-0-1,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.53	Vert(LL)	0.15 8-10	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.35	Vert(TL)	-0.22 8-10	>999	240		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.21	Horz(TL)	0.02 6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 142 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-0-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 2=1135/0-3-8, 6=1135/0-3-8
 Max Horz 2=194(load case 5)
 Max Uplift 2=-408(load case 6), 6=-408(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/69, 2-3=-1413/821, 3-4=-977/753, 4-5=-977/753, 5-6=-1413/821, 6-7=0/69
 BOT CHORD 2-10=-412/963, 9-10=-419/1055, 8-9=-419/1055, 6-8=-315/963
 WEBS 3-10=-238/573, 4-10=-209/211, 4-8=-209/211, 5-8=-238/573

JOINT STRESS INDEX

2 = 0.70, 3 = 0.73, 4 = 0.39, 5 = 0.73, 6 = 0.70, 8 = 0.39, 9 = 0.65 and 10 = 0.39

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- Provide adequate drainage to prevent water ponding.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 31883
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK 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, 563 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925009
	T04	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:51 2008 Page 2

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 408 lb uplift at joint 2 and 408 lb uplift at joint 6.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-54, 5-7=-54, 2-10=-10, 8-10=-70, 6-8=-10

Julius Lee
Truss Design Engineer
Florida P.E. No. 24888
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925010
	T05	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:27:29 2008 Page 1

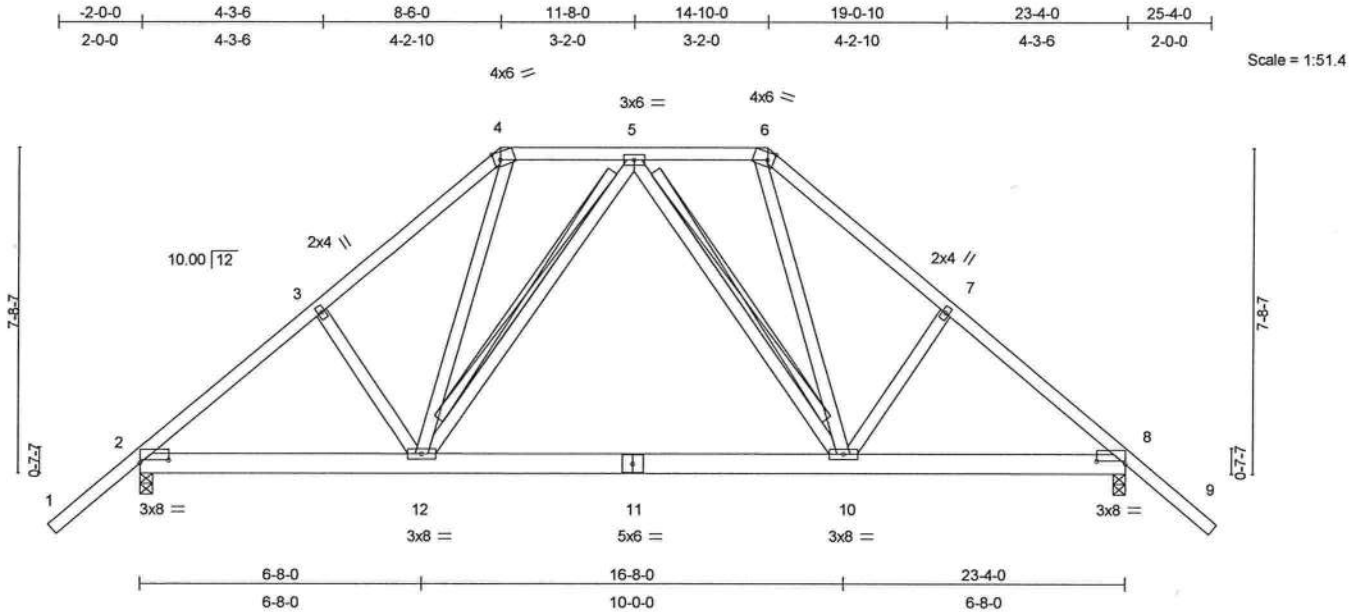


Plate Offsets (X,Y): [2:0-8-1,0-0-13], [4:0-1-13,Edge], [6:0-1-13,Edge], [8:0-8-1,0-0-13]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.44	Vert(LL)	0.21 10-12	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.41	Vert(TL)	-0.30 10-12	>910	240		
BCLL 10.0	Rep Stress Incr	NO	WB 0.38	Horz(TL)	0.02 8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 164 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-11-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 5-12, 5-10
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1162/0-3-8, 8=1162/0-3-8
 Max Horz 2=-238(load case 4)
 Max Uplift 2=-428(load case 6), 8=-428(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/69, 2-3=-1485/864, 3-4=-1351/917, 4-5=-833/694, 5-6=-833/694, 6-7=-1351/917, 7-8=-1485/864, 8-9=0/69
 BOT CHORD 2-12=-458/1033, 11-12=-311/868, 10-11=-311/868, 8-10=-402/1033
 WEBS 3-12=-97/209, 5-12=-152/182, 5-10=-152/182, 7-10=-97/209, 4-12=-382/599, 6-10=-382/599

JOINT STRESS INDEX

2 = 0.84, 3 = 0.34, 4 = 0.57, 5 = 0.42, 6 = 0.57, 7 = 0.34, 8 = 0.84, 10 = 0.65, 11 = 0.81 and 12 = 0.65

NOTES

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

Julius Lee
 Truss Design Engineer
 Florida P.E. No. 31868
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925010
	T05	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:27:29 2008 Page 2

NOTES

- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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 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 428 lb uplift at joint 2 and 428 lb uplift at joint 8.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 6-9=-54, 2-12=-10, 10-12=-70, 8-10=-10

Julius Lee
Truss Design Engineer
Florida P.E. No. 33885
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

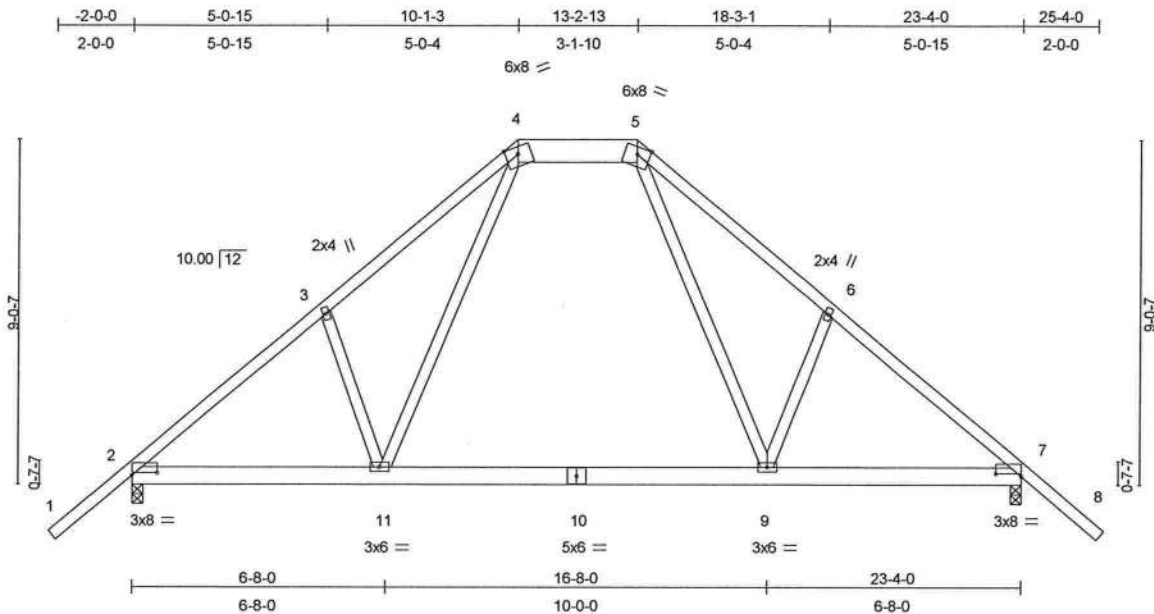
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925011
	T06	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:28:01 2008 Page 1



Scale = 1:57.0

Plate Offsets (X,Y): [2:0-8-1,0-0-13], [7:0-8-1,0-0-13]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.44	Vert(LL)	0.21	9-11	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.46	Vert(TL)	-0.31	9-11	>904	240		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.68	Horz(TL)	0.02	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 151 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except*
4-5 2 X 8 SYP No.1D
BOT CHORD 2 X 6 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-0-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS

(lb/size) 2=1162/0-3-8, 7=1160/0-3-8
Max Horz 2=-280(load case 4)
Max Uplift 2=-436(load case 6), 7=-435(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/69, 2-3=-1488/850, 3-4=-1362/976, 4-5=-749/680, 5-6=-1353/967, 6-7=-1482/847, 7-8=0/69
BOT CHORD 2-11=-416/1034, 10-11=-227/749, 9-10=-227/749, 7-9=-377/1030
WEBS 3-11=-184/272, 4-11=-457/631, 5-9=-450/626, 6-9=-184/271

JOINT STRESS INDEX

2 = 0.78, 3 = 0.34, 4 = 0.37, 5 = 0.37, 6 = 0.34, 7 = 0.78, 9 = 0.56, 10 = 0.80 and 11 = 0.46

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.

Julius Lee
Truss Design Engineer
Florida PE No. 24888
1399 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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

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	0 0	J1925011
	T06	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:28:01 2008 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 436 lb uplift at joint 2 and 435 lb uplift at joint 7.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-5=-54, 5-8=-54, 2-11=-10, 9-11=-70, 7-9=-10

Julius Lee
Truss Design Engineer
Florida P.E. No. 31883
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925012
	T07	COMMON	3	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:54 2008 Page 1

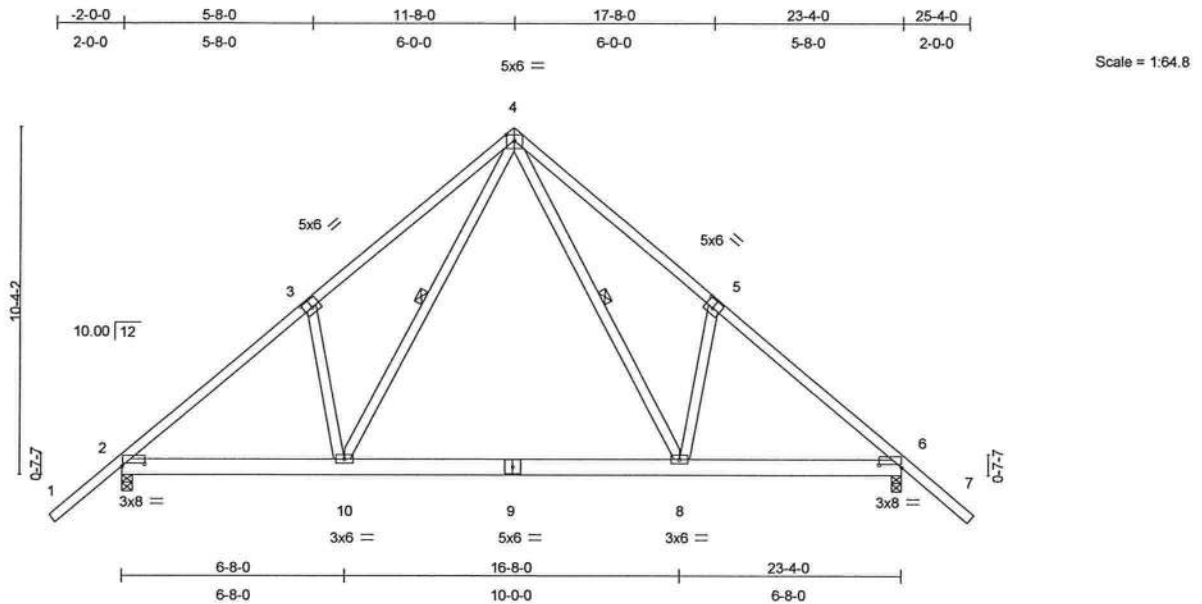


Plate Offsets (X,Y): [2:0-8-1,0-0-13], [3:0-3-0,0-3-0], [5:0-3-0,0-3-0], [6:0-8-1,0-0-13]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.46	Vert(LL)	0.21 8-10	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.40	Vert(TL)	-0.32 8-10	>859	240		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.32	Horz(TL)	0.02 6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 154 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-0-4 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 4-10, 4-8

REACTIONS

(lb/size) 2=1162/0-3-8, 6=1162/0-3-8
 Max Horz 2=-325(load case 4)
 Max Uplift 2=-440(load case 6), 6=-440(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/69, 2-3=-1488/801, 3-4=-1390/1008, 4-5=-1390/1008, 5-6=-1488/801, 6-7=0/69
 BOT CHORD 2-10=-335/1034, 9-10=-121/660, 8-9=-121/660, 6-8=-335/1034
 WEBS 3-10=-225/360, 4-10=-558/753, 4-8=-558/753, 5-8=-225/360

JOINT STRESS INDEX

2 = 0.76, 3 = 0.67, 4 = 0.71, 5 = 0.67, 6 = 0.76, 8 = 0.61, 9 = 0.79 and 10 = 0.61

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.

Julius Lee
 Truss Design Engineer
 Florida PE No. 34888
 4100 Coastal Bay Blvd.
 Boynton Beach, FL 33435

January 10, 2008

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, 563 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925012
	T07	COMMON	3	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:54 2008 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 440 lb uplift at joint 2 and 440 lb uplift at joint 6.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-10, 8-10=-70, 6-8=-10

Julius Lee
Truss Design Engineer
Florida PE No. 24868
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

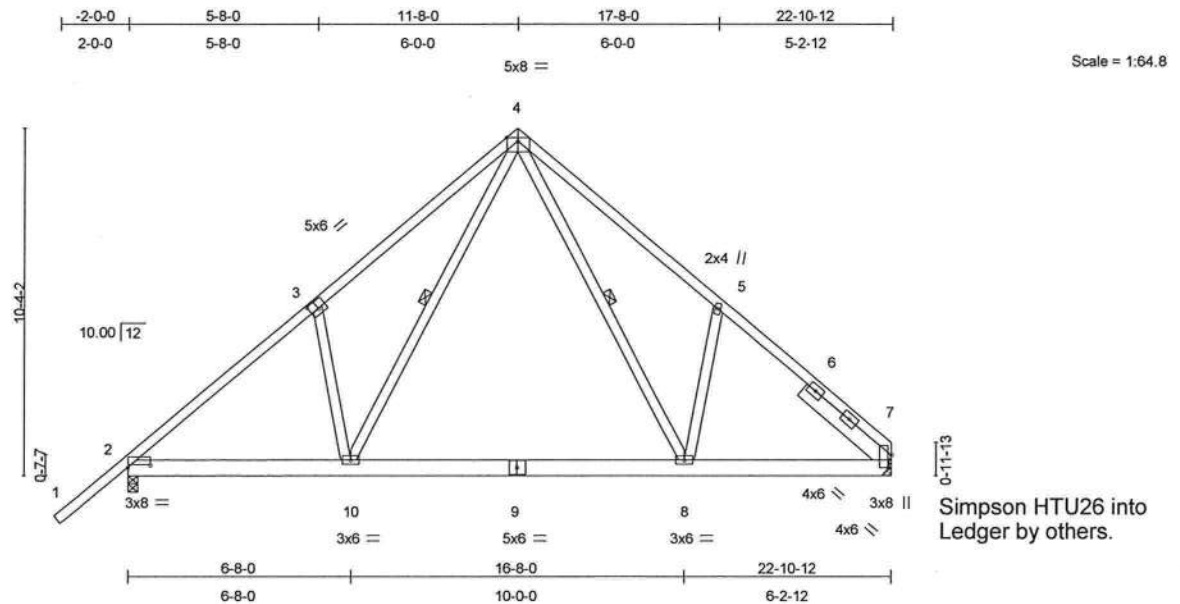
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925013
	T08	COMMON	3	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:55 2008 Page 1



Simpson HTU26 into Ledger by others.

Plate Offsets (X,Y): [2:0-8-1,0-0-13], [3:0-3-0,0-3-0], [7:0-4-8,0-1-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.47	Vert(LL)	0.20	8-10	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.41	Vert(TL)	-0.32	8-10	>852	240		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.32	Horz(TL)	0.02	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 156 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3
 SLIDER Right 2 X 6 SYP No.1D 3-4-15

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-11-8 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 4-10, 4-8

REACTIONS (lb/size) 7=1030/Mechanical, 2=1155/0-3-8

Max Horz 2=362(load case 5)
 Max Uplift 7=-312(load case 7), 2=-438(load case 6)

Recommended hanger connection based on manufacturer tested capacities and nail calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Hanger connection to be reviewed and approved by the Architect/Engineer of Record.

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/69, 2-3=-1477/804, 3-4=-1377/1010, 4-5=-1341/1021, 5-6=-1359/827, 6-7=-1451/805
 BOT CHORD 2-10=-460/1025, 9-10=-161/653, 8-9=-161/653, 7-8=-463/994
 WEBS 3-10=-222/358, 4-10=-549/751, 4-8=-572/711, 5-8=-189/339

JOINT STRESS INDEX

2 = 0.76, 3 = 0.66, 4 = 0.57, 5 = 0.33, 6 = 0.00, 7 = 0.87, 7 = 0.26, 7 = 0.26, 8 = 0.57, 9 = 0.79 and 10 = 0.61

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1100 Coastal Bay Blvd.
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925013
	T08	COMMON	3	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:55 2008 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 312 lb uplift at joint 7 and 438 lb uplift at joint 2.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-54, 4-7=-54, 2-10=-10, 8-10=-70, 7-8=-10

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10,2008

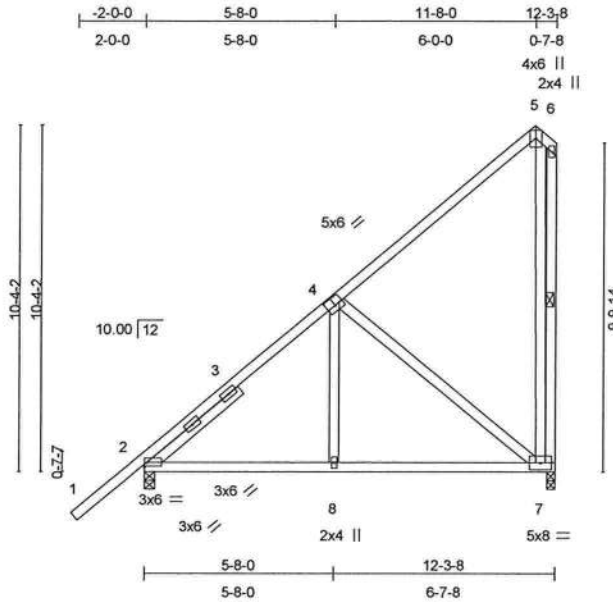
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925014
	T09	COMMON	5	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:55 2008 Page 1



Scale = 1:64.8

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

LOADING (psf)	SPACING		CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	2-0-0	TC 0.58	Vert(LL)	-0.03 7-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.17	Vert(TL)	-0.06 7-8	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.31	Horz(TL)	-0.01 7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 99 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 *Except*
 6-7 2 X 4 SYP No.2
 SLIDER Left 2 X 4 SYP No.2 3-6-10

BRACING

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

REACTIONS

(lb/size) 2=507/0-3-8, 7=379/0-3-0
 Max Horz 2=460(load case 6)
 Max Uplift 2=-116(load case 6), 7=-280(load case 6)
 Max Grav 2=507(load case 10), 7=379(load case 1)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-423/0, 3-4=-245/0, 4-5=-131/80, 5-6=-182/125, 6-7=-301/193
 BOT CHORD 2-8=-306/241, 7-8=-305/241
 WEBS 4-8=0/193, 5-7=-356/532, 4-7=-284/358

JOINT STRESS INDEX

2 = 0.53, 2 = 0.09, 2 = 0.09, 3 = 0.00, 4 = 0.35, 5 = 0.66, 6 = 0.51, 7 = 0.35 and 8 = 0.14

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.

Julius Lee
 Truss Design Engineer
 Florida PE No. 21803
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10,2008

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, 563 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925014
	T09	COMMON	5	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:56 2008 Page 2

NOTES

- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 7.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint 2 and 280 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 24885
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925015
	T10	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:56 2008 Page 1

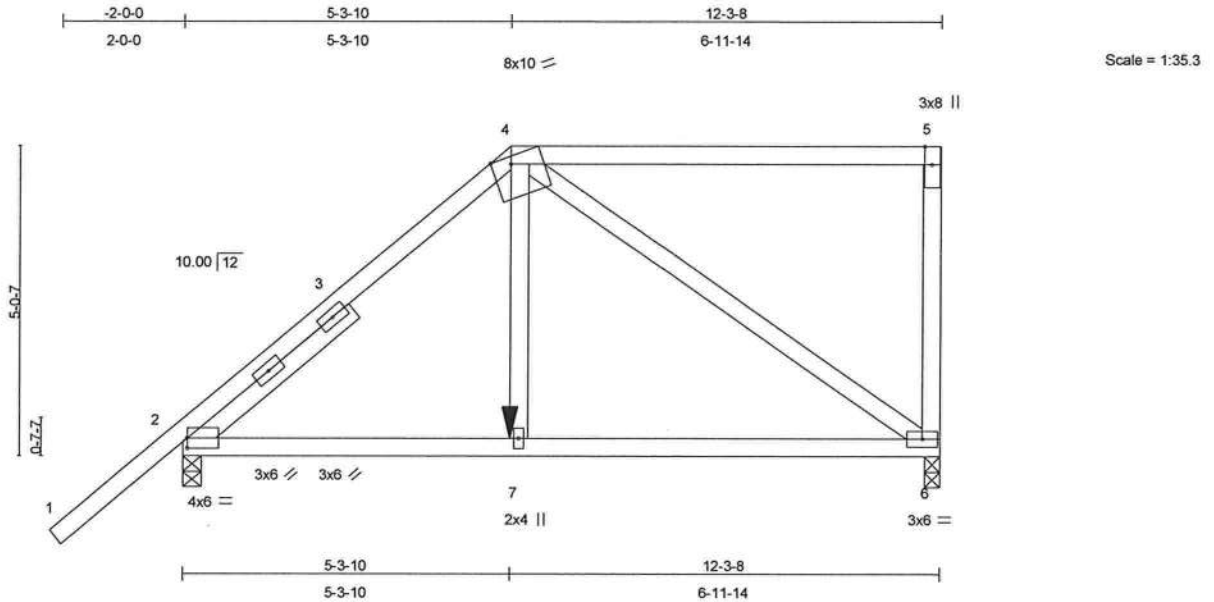


Plate Offsets (X,Y): [2:0-0-0,0-2-0], [4:0-3-13,Edge]

LOADING (psf)	SPACING		CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	2-0-0	TC 0.76	Vert(LL) -0.04	6-7	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.42	Vert(TL) -0.11	6-7	>999	240		
BCLL 10.0	* Rep Stress Incr NO		WB 0.77	Horz(TL) 0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 73 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 *Except*
 5-6 2 X 4 SYP No.2
 SLIDER Left 2 X 4 SYP No.2 3-5-0

BRACING

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

REACTIONS (lb/size) 6=878/0-3-0, 2=836/0-3-8
 Max Horz 2=270(load case 5)
 Max Uplift 6=-416(load case 4), 2=-379(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-921/307, 3-4=-756/332, 4-5=-106/58, 5-6=-411/295
 BOT CHORD 2-7=-317/635, 6-7=-319/646
 WEBS 4-7=-72/369, 4-6=-658/329

JOINT STRESS INDEX
 2 = 0.87, 2 = 0.17, 2 = 0.17, 3 = 0.00, 4 = 0.87, 5 = 0.82, 6 = 0.74 and 7 = 0.26

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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 loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 31868
 1309 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925015
	T10	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:56 2008 Page 2

NOTES

- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 6.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 416 lb uplift at joint 6 and 379 lb uplift at joint 2.
- 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, 4-5=-118(B=-64), 2-7=-10, 6-7=-22(B=-12)
 - Concentrated Loads (lb)
 - Vert: 7=-311(B)

Julius Lee
 Truss Design Engineer
 Florida PE No. 31803
 1100 Coastal Bay Blvd.
 Boynton Beach, FL 33435

January 10, 2008

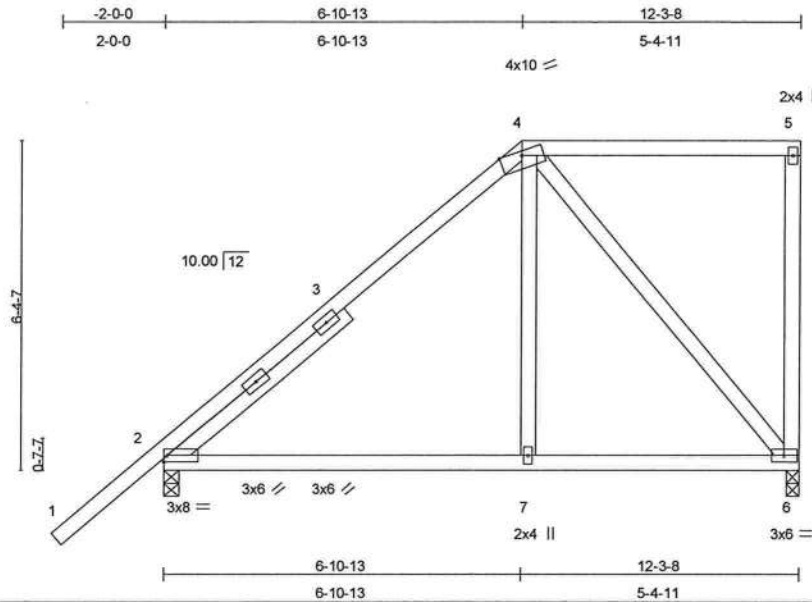
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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'Oonofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925016
	T11	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:57 2008 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 0.39	Vert(LL)	-0.04	2-7	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.24	Vert(TL)	-0.07	2-7	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.34	Horz(TL)	-0.00	6	n/a	n/a		
BCDL 5.0	Code	FBC2004/TPI2002	(Matrix)							Weight: 79 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 4-5-8

BRACING

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

REACTIONS (lb/size) 6=373/0-3-0, 2=516/0-3-8
 Max Horz 2=320(load case 6)
 Max Uplift 6=-159(load case 5), 2=-200(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-408/98, 3-4=-278/116, 4-5=-12/12, 5-6=-117/108
 BOT CHORD 2-7=-225/213, 6-7=-225/215
 WEBS 4-7=0/201, 4-6=-311/335

JOINT STRESS INDEX
 2 = 0.64, 2 = 0.08, 2 = 0.08, 3 = 0.00, 4 = 0.77, 5 = 0.57, 6 = 0.18 and 7 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
 - 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 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 at joint(s) 6.
- Continued on page 2

Julius Lee
 Truss Design Engineer
 Florida PE No. 31803
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925016
	T11	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:57 2008 Page 2

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 6 and 200 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lane
Truss Design Engineer
Florida P.E. No. 24888
1100 Coastal Bay Blvd
Boynton Beach, FL 33436

January 10, 2008

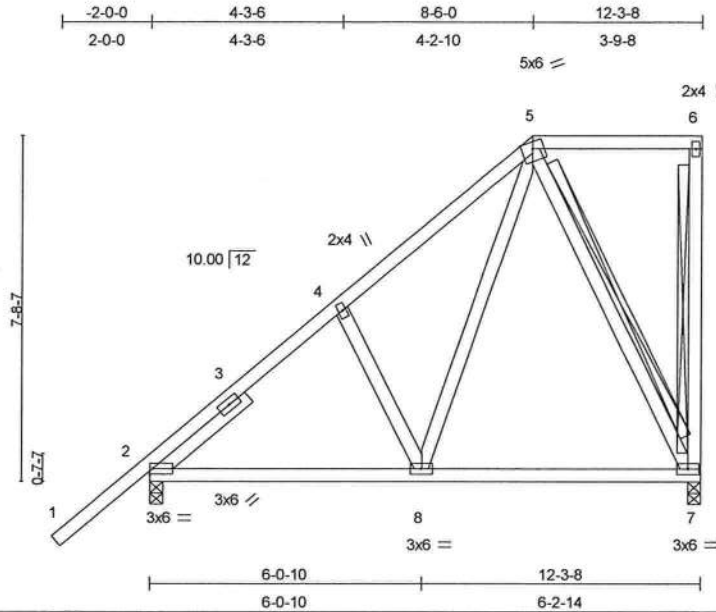
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925017
	T12	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:41:19 2008 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 0.39	Vert(LL)	-0.03	7-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.17	Vert(TL)	-0.05	7-8	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.19	Horz(TL)	-0.00	7	n/a	n/a		
BCDL 5.0	Code	FBC2004/TPI2002	(Matrix)							Weight: 88 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 2-8-1

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 6-7, 5-7
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 7=373/0-3-8, 2=516/0-3-8
 Max Horz 2=371(load case 6)
 Max Uplift 7=-170(load case 6), 2=-180(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-442/58, 3-4=-306/76, 4-5=-326/159, 5-6=-9/1, 6-7=-80/74
 BOT CHORD 2-8=-323/260, 7-8=-157/136
 WEBS 4-8=-144/248, 5-8=-184/245, 5-7=-293/352

JOINT STRESS INDEX
 2 = 0.72, 2 = 0.18, 3 = 0.00, 4 = 0.14, 5 = 0.58, 6 = 0.23, 7 = 0.23 and 8 = 0.23

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925017
	T12	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:41:19 2008 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 7 and 180 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lars
Truss Design Engineer
Florida P.E. No. 31863
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10,2008

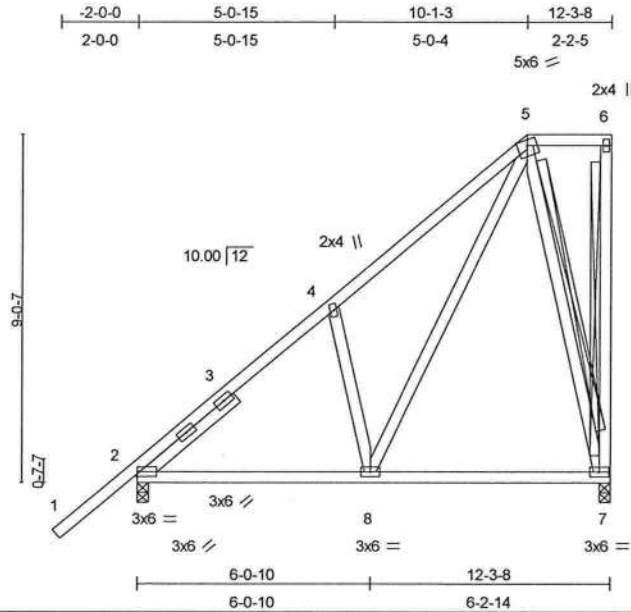
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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 / TP1 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	0 0	J1925018
	T13	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:41:24 2008 Page 1



Scale = 1:56.3

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.39	Vert(LL)	-0.03 7-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.17	Vert(TL)	-0.05 7-8	>999	240		
BCLL 10.0	Rep Stress Incr	YES	WB 0.54	Horz(TL)	-0.00 7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 96 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 3-2-5

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 6-7, 5-7
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 7=373/0-3-8, 2=516/0-3-8
 Max Horz 2=422(load case 6)
 Max Uplift 7=-222(load case 6), 2=-151(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-436/0, 3-4=-275/0, 4-5=-355/181, 5-6=-7/0, 6-7=-34/42
 BOT CHORD 2-8=-321/252, 7-8=-103/81
 WEBS 5-8=-334/295, 4-8=-212/355, 5-7=-344/454

JOINT STRESS INDEX
 2 = 0.67, 2 = 0.09, 2 = 0.09, 3 = 0.00, 4 = 0.19, 5 = 0.46, 6 = 0.17, 7 = 0.36 and 8 = 0.28

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 loads.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 34869
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MI TEK 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	0 0	J1925018
	T13	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:41:24 2008 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 222 lb uplift at joint 7 and 151 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lee
 Truss Design Engineer
 Florida P.E. No. 34509
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

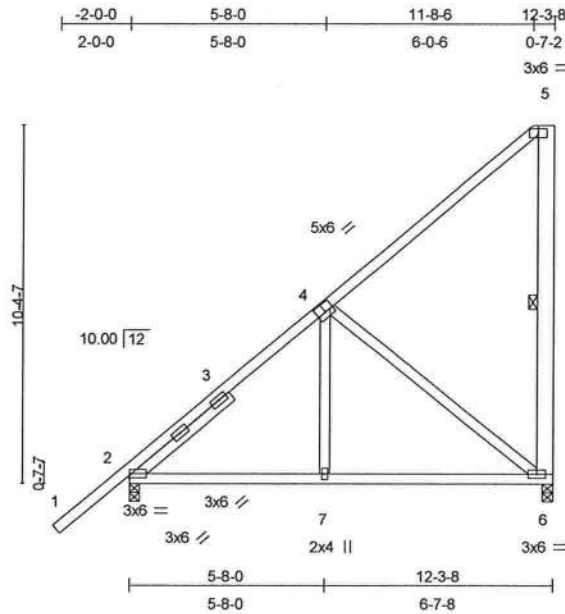
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE
 This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design 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	0 0	J1925019
	T14	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:41:30 2008 Page 1



Scale = 1:62.9

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [5:0-3-0,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.39	Vert(LL) -0.03 6-7 >999 360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.16	Vert(TL) -0.05 6-7 >999 240		
BCLL 10.0	* Rep Stress Incr YES	WB 0.32	Horz(TL) -0.01 6 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)			Weight: 93 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3 *Except*
 5-6 2 X 6 SYP No.1D
 SLIDER Left 2 X 4 SYP No.2 3-8-5

BRACING

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

REACTIONS

(lb/size) 6=370/0-3-8, 2=514/0-3-8
 Max Horz 2=478(load case 6)
 Max Uplift 6=-293(load case 6), 2=-106(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/66, 2-3=-431/0, 3-4=-254/0, 4-5=-167/84, 5-6=-159/242
 BOT CHORD 2-7=-318/248, 6-7=-317/249
 WEBS 4-7=0/187, 4-6=-286/367

JOINT STRESS INDEX

2 = 0.57, 2 = 0.09, 2 = 0.09, 3 = 0.00, 4 = 0.37, 5 = 0.86, 6 = 0.41 and 7 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 293 lb uplift at joint 6 and 106 lb uplift at joint 2.

Julius Lee
 Truss Design Engineer
 Florida PE No. 31888
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10,2008

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	0 0	J1925019
	T14	MONO HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:41:30 2008 Page 2

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 24858
1100 Coastal Bay Blvd
Boynton Beach, FL 33436

January 10, 2008

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

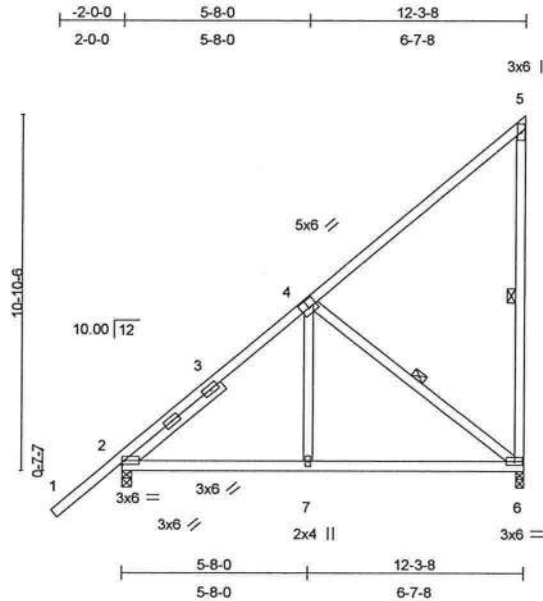
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TP1 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	0 0	J1925020
	T15	MONO TRUSS	3	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:59 2008 Page 1



Scale = 1:66.5

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

LOADING (psf)	SPACING		CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0	1.25	TC 0.45	Vert(LL)	-0.04	6-7	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 2-0-0	1.25	BC 0.18	Vert(TL)	-0.07	6-7	>999	240		
BCLL 10.0	* Rep Stress Incr YES		WB 0.10	Horz(TL)	-0.01	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 86 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3
 SLIDER Left 2 X 4 SYP No.2 3-9-8

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 5-6, 4-6

REACTIONS (lb/size) 6=373/0-3-0, 2=516/0-3-8
 Max Horz 2=485(load case 6)
 Max Uplift 6=-299(load case 6), 2=-102(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/66, 2-3=-438/0, 3-4=-261/0, 4-5=-173/87, 5-6=-153/235
 BOT CHORD 2-7=-329/256, 6-7=-328/257
 WEBS 4-7=0/199, 4-6=-305/389

JOINT STRESS INDEX
 2 = 0.57, 2 = 0.09, 2 = 0.09, 3 = 0.00, 4 = 0.42, 5 = 0.46, 6 = 0.37 and 7 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- 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 at joint(s) 6.

Julius Lee
 Truss Design Engineer
 Florida PE No. 34888
 1199 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925020
	T15	MONO TRUSS	3	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:19:59 2008 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 299 lb uplift at joint 6 and 102 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34868
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925021
	T16G	GABLE	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:30:43 2008 Page 1

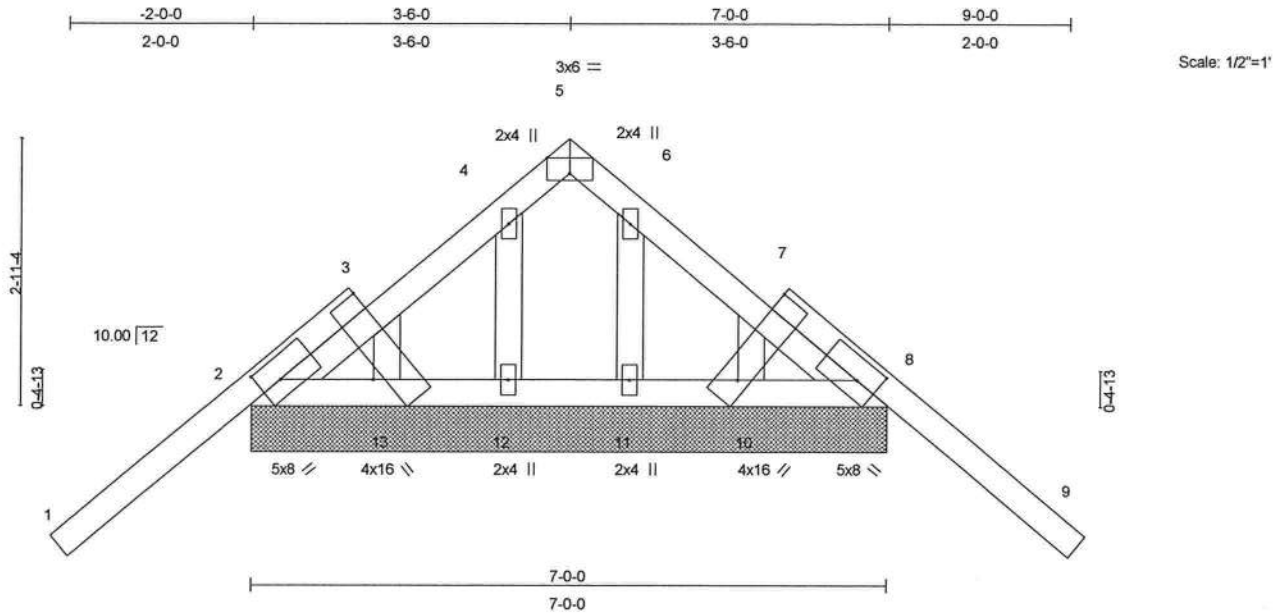


Plate Offsets (X,Y): [2:0-2-12,0-2-12], [5:0-3-0,Edge], [8:0-2-12,0-2-12], [10:Edge,0-2-8], [13:Edge,0-5-3]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.63	Vert(LL)	-0.06	9	n/r	120	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.04	Vert(TL)	-0.10	9	n/r	90		
BCLL 10.0	Lumber Increase 1.25	WB 0.04	Horz(TL)	0.00	8	n/a	n/a		
BCDL 5.0	Rep Stress Incr NO	(Matrix)							
	Code FBC2004/TPI2002								Weight: 43 lb

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 2=527/7-0-0, 8=527/7-0-0, 12=174/7-0-0, 13=-5/7-0-0, 11=174/7-0-0, 10=-5/7-0-0
 Max Horz 2=110(load case 6)
 Max Uplift 2=-323(load case 6), 8=-328(load case 7), 12=-85(load case 6), 13=-11(load case 7), 11=-75(load case 7), 10=-10(load case 4)
 Max Grav 2=527(load case 1), 8=527(load case 1), 12=174(load case 1), 13=84(load case 6), 11=174(load case 1), 10=83(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-47/155, 2-3=-176/80, 3-4=-49/37, 4-5=-62/51, 5-6=-62/51, 6-7=-49/37, 7-8=-176/80, 8-9=-47/155
 BOT CHORD 2-13=0/254, 12-13=0/250, 11-12=0/250, 10-11=0/250, 8-10=0/254
 WEBS 4-12=-161/143, 3-13=-91/22, 6-11=-161/143, 7-10=-91/22

JOINT STRESS INDEX

2 = 0.65, 3 = 0.00, 4 = 0.09, 5 = 0.02, 6 = 0.09, 7 = 0.00, 8 = 0.65, 10 = 0.05, 11 = 0.08, 12 = 0.08 and 13 = 0.05

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.

Julius Lee
 Truss Design Engineer
 Florida PE No. 34868
 1100 Coastal Bay Blvd.
 Boynton Beach, FL 33435

January 10, 2008

Continued on page 2

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK 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	0 0	J1925021
	T16G	GABLE	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:30:43 2008 Page 2

NOTES

- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 1-4-0 oc.
- 7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 323 lb uplift at joint 2, 328 lb uplift at joint 8, 85 lb uplift at joint 12, 11 lb uplift at joint 13, 75 lb uplift at joint 11 and 10 lb uplift at joint 10.

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-118, 5-9=-118, 2-8=-10

Julius Lee
Truss Design Engineer
Florida PE No. 24869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925022
	T17	COMMON	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:01 2008 Page 1

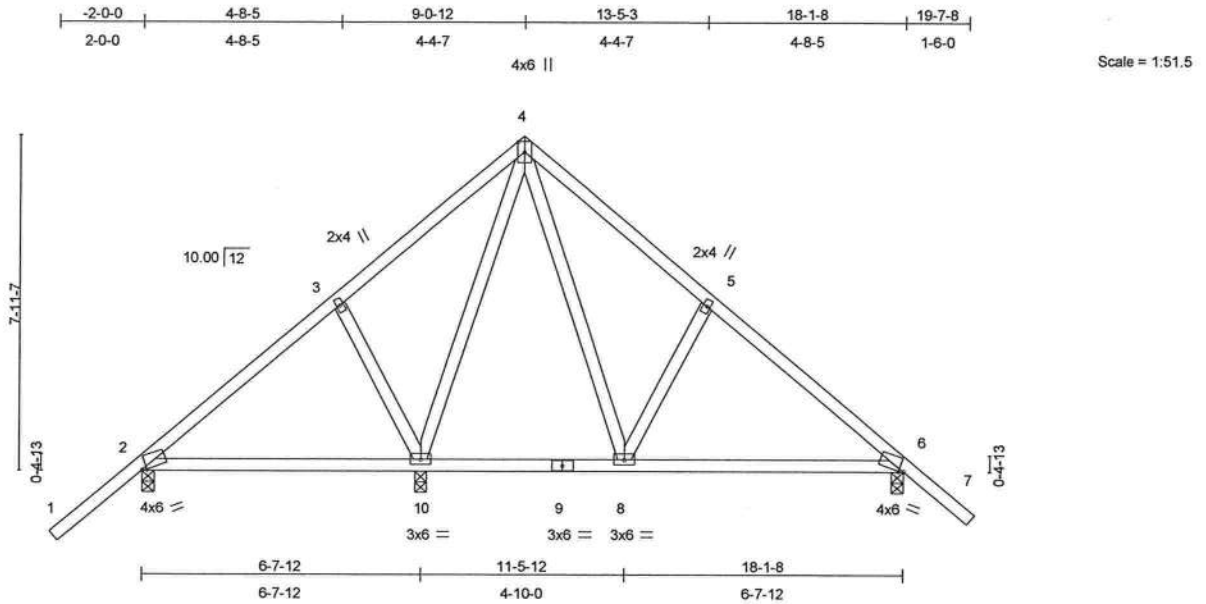


Plate Offsets (X,Y): [2:0-1-6,0-0-6], [6:0-1-6,0-0-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.41	Vert(LL)	0.12	2-10	>650	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.24	Vert(TL)	0.10	2-10	>744	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.40	Horz(TL)	0.00	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 105 lb

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=339/0-3-8, 10=559/0-3-8, 6=458/0-3-8

Max Horz 2=258(load case 5)

Max Uplift 2=-257(load case 6), 10=-292(load case 6), 6=-204(load case 7)

Max Grav 2=342(load case 10), 10=559(load case 1), 6=458(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/73, 2-3=-179/109, 3-4=-64/160, 4-5=-290/260, 5-6=-407/173, 6-7=0/55

BOT CHORD 2-10=-104/203, 9-10=0/258, 8-9=0/258, 6-8=0/249

WEBS 3-10=-196/297, 4-10=-355/97, 4-8=-164/242, 5-8=-197/272

JOINT STRESS INDEX

2 = 0.82, 3 = 0.33, 4 = 0.47, 5 = 0.33, 6 = 0.82, 8 = 0.49, 9 = 0.26 and 10 = 0.49

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Julius Lee
 Truss Design Engineer
 Florida PE No. 34889
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-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	0 0	J1925022
	T17	COMMON	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:01 2008 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 257 lb uplift at joint 2, 292 lb uplift at joint 10 and 204 lb uplift at joint 6.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34889
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925023
	T17G	GABLE	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:30:11 2008 Page 1

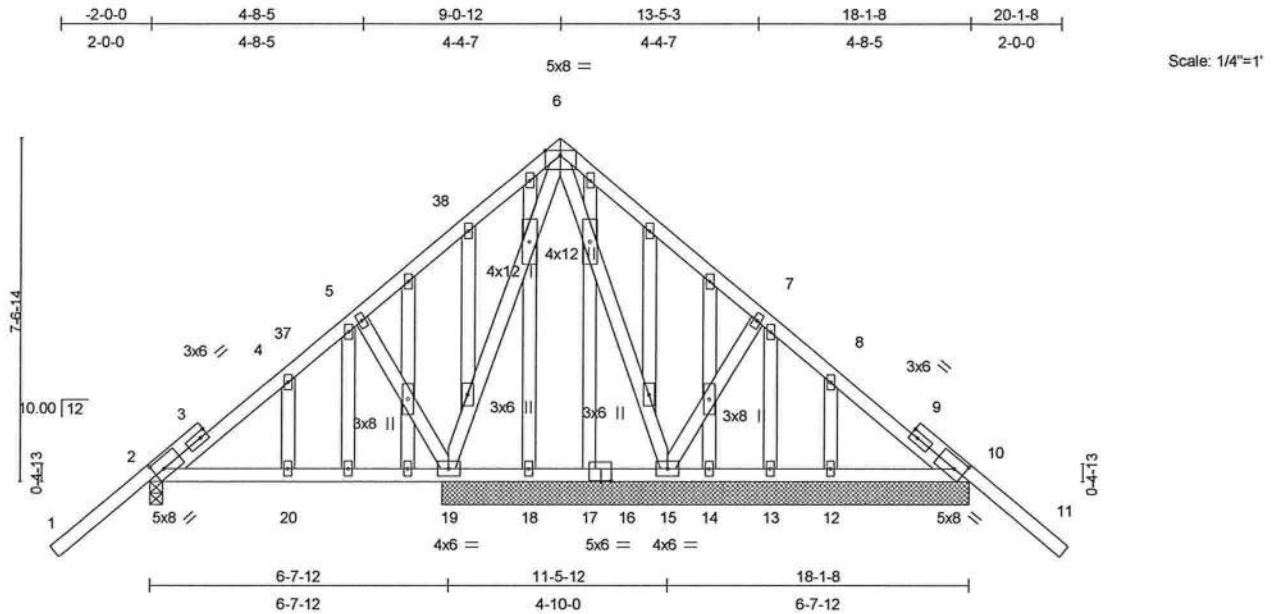


Plate Offsets (X,Y): [2:0-2-12,0-2-12], [10:0-2-12,0-2-12], [16:0-2-12,0-0-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.79	Vert(LL)	0.04 19-20	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.20	Vert(TL)	0.03 19-20	>999	240		
BCLL 10.0	Rep Stress Incr	NO	WB 0.35	Horz(TL)	0.00 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 166 lb

LUMBER

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

BRACING

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

REACTIONS

(lb/size) 2=399/0-3-8, 19=727/11-7-8, 15=570/11-7-8, 10=590/11-7-8, 18=-6/11-7-8, 17=22/11-7-8, 14=10/11-7-8, 13=13/11-7-8, 12=155/11-7-8
 Max Horz 2=236(load case 5)
 Max Uplift 2=-317(load case 6), 19=-578(load case 6), 15=-325(load case 6), 10=-339(load case 7), 18=-6(load case 1), 17=-3(load case 4), 13=-10(load case 7), 12=-84(load case 6)
 Max Grav 2=403(load case 10), 19=727(load case 1), 15=570(load case 1), 10=596(load case 11), 18=48(load case 4), 17=62(load case 2), 14=35(load case 2), 13=26(load case 2), 12=155(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/73, 2-3=-290/279, 3-4=-225/304, 4-37=-186/206, 5-37=-84/138, 5-38=-23/233, 6-38=-95/231, 6-7=-116/215, 7-8=-174/210, 8-9=-167/172, 9-10=-284/268, 10-11=-120/149
 BOT CHORD 2-20=-114/173, 19-20=-114/173, 18-19=-26/251, 17-18=-26/251, 16-17=-26/251, 15-16=-26/251, 14-15=-9/129, 13-14=-9/129, 12-13=-9/129, 10-12=-9/129
 WEBS 5-19=-423/715, 6-19=-337/370, 6-15=-309/258, 7-15=-321/502, 4-20=-155/78, 8-12=-138/144

Julius Lee
 Truss Design Engineer
 Florida PE No. 34869
 1100 Crystal Bay Blvd.
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.75, 3 = 0.00, 3 = 0.53, 4 = 0.34, 5 = 0.40, 6 = 0.60, 7 = 0.40, 8 = 0.34, 9 = 0.00, 9 = 0.53, 10 = 0.75, 12 = 0.34, 13 = 0.34, 14 = 0.34, 15 = 0.35, 16 = 0.46, 17 = 0.00, 18 = 0.34, 19 = 0.35, 20 = 0.34, 21 = 0.33, 22 = 0.34, 23 = 0.16, 24 = 0.34, 25 = 0.79, 26 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.33, 32 = 0.16, 33 = 0.34, 34 = 0.34, 35 = 0.79 and 36 = 0.34

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	0 0	J1925023
	T17G	GABLE	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:30:12 2008 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 2x4 MT20 unless otherwise indicated.
- 6) Gable studs spaced at 1-4-0 oc.
- 7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 317 lb uplift at joint 2, 578 lb uplift at joint 19, 325 lb uplift at joint 15, 339 lb uplift at joint 10, 6 lb uplift at joint 18, 3 lb uplift at joint 17, 10 lb uplift at joint 13 and 84 lb uplift at joint 12.
- 9) 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: 1-37=-54, 37-38=-141(F=-87), 6-38=-114(F=-60), 6-11=-114(F=-60), 2-10=-10

Julius Lee
Truss Design Engineer
Florida PE No. 24886
1400 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10, 2008

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

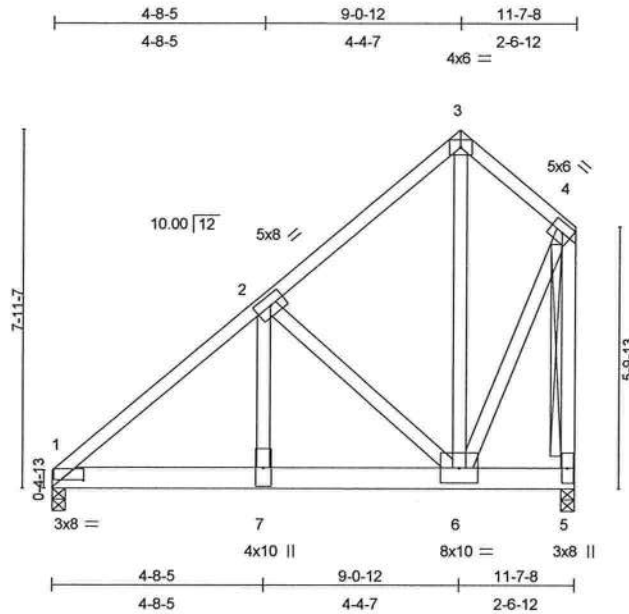
This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary 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	0 0	J1925024
	T18	COMMON	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:35:50 2008 Page 1



Scale: 1/4"=1'

Plate Offsets (X,Y): [1:0-8-6,0-1-14]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.47	Vert(LL)	-0.06 1-7	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.56	Vert(TL)	-0.11 1-7	>999	240		
BCLL 10.0	* Rep Stress Incr	NO	WB 1.00	Horz(TL)	0.02 5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 91 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 6 SYP No.1D
 WEBS 2 X 4 SYP No.3 *Except*
 4-5 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-7-6 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 8-5-15 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 4-5
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 1=2486/0-3-8, 5=2486/0-3-8
 Max Horz 1=240(load case 4)
 Max Uplift 1=-899(load case 5), 5=-1008(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-2606/916, 2-3=-969/378, 3-4=-919/388, 4-5=-2142/878
 BOT CHORD 1-7=-857/1946, 6-7=-857/1946, 5-6=-7/15
 WEBS 2-7=-733/1943, 2-6=-1695/773, 3-6=-402/975, 4-6=-686/1665

JOINT STRESS INDEX
 1 = 0.84, 2 = 0.69, 3 = 0.58, 4 = 0.77, 5 = 0.35, 6 = 0.47 and 7 = 0.47

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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

Julius Lee
 Truss Design Engineer
 Florida P.E. No. 34858
 1300 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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, 593 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925024
	T18	COMMON	1	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:35:50 2008 Page 2

NOTES

- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 899 lb uplift at joint 1 and 1008 lb uplift at joint 5.
- 6) Girder carries tie-in span(s): 25-5-0 from 0-0-0 to 11-7-8
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 1-5=-385(F=-375)

Julius Lee
Truss Design Engineer
Florida PE No. 31888
1100 Coastal Bay Blvd.
Boynton Beach, FL 33436

January 10, 2008

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	0 0	J1925025
	T19	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:31:44 2008 Page 1

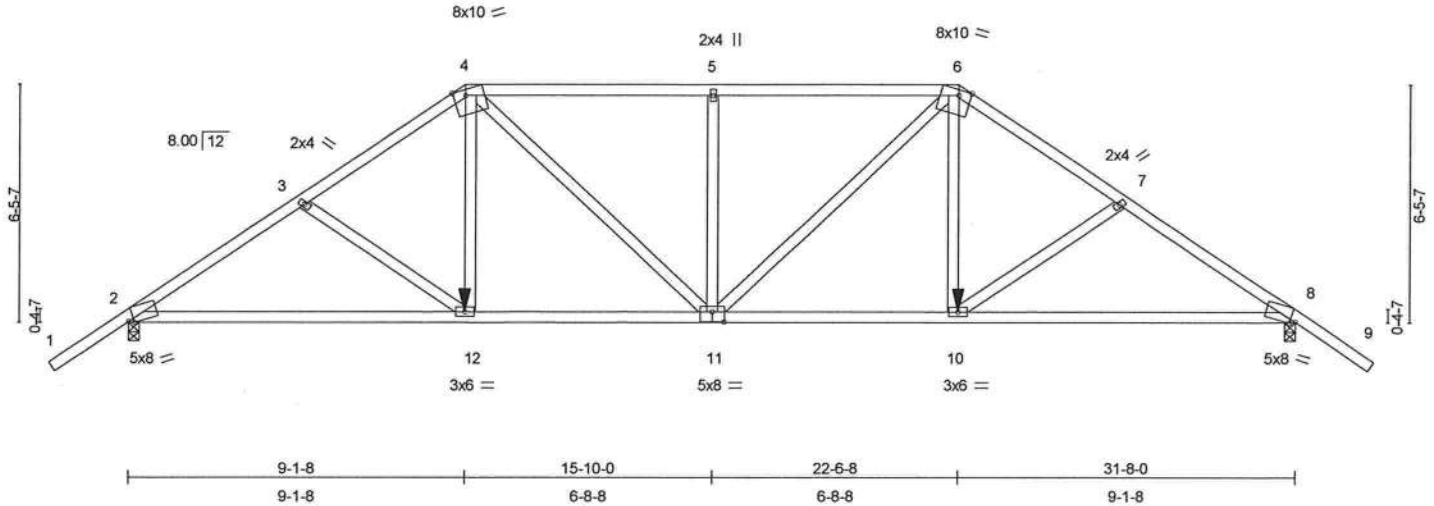


Plate Offsets (X,Y): [2:0-1-13,Edge], [4:0-4-0,Edge], [6:0-4-0,Edge], [8:0-1-13,Edge], [11:0-4-0,0-3-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.56	Vert(LL)	0.30 11-12	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.92	Vert(TL)	-0.42 10-11	>895	240		
BCLL 10.0	* Rep Stress Incr	NO	WB 0.85	Horz(TL)	0.14 8	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 175 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-2-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 4-8-12 oc bracing.

REACTIONS (lb/size) 2=2170/0-3-8, 8=2170/0-3-8
 Max Horz 2=-200(load case 3)
 Max Uplift 2=-1202(load case 5), 8=-1202(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-3352/1915, 3-4=-3179/1916, 4-5=-3169/1961, 5-6=-3169/1961, 6-7=-3179/1916, 7-8=-3352/1916, 8-9=0/62
 BOT CHORD 2-12=-1673/2681, 11-12=-1634/2622, 10-11=-1491/2622, 8-10=-1473/2681
 WEBS 3-12=-158/98, 4-12=-544/850, 4-11=-605/820, 5-11=-507/396, 6-11=-605/820, 6-10=-544/850, 7-10=-158/98

JOINT STRESS INDEX

2 = 0.86, 3 = 0.34, 4 = 0.83, 5 = 0.34, 6 = 0.83, 7 = 0.34, 8 = 0.86, 10 = 0.56, 11 = 0.82 and 12 = 0.56

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
- 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 bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 31808
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

January 10, 2008

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, 563 D'Onofrio Drive, Madison, WI 53719



Job	Truss	Truss Type	Qty	Ply	0 0	J1925025
	T19	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Jan 10 14:31:44 2008 Page 2

NOTES

- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1202 lb uplift at joint 2 and 1202 lb uplift at joint 8.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-6=-72(F=-18), 6-9=-54, 2-12=-10, 10-12=-69(F=-59), 8-10=-10

Concentrated Loads (lb)

Vert: 12=-535(F) 10=-535(F)

Julius Lee
Truss Design Engineer
Florida PE No. 31868
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925026
	T20	HIP	1	1		
Builders First Source, Jacksonville, Florida 32244						6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:06 2008 Page 1
						Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244 6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:06 2008 Page 1

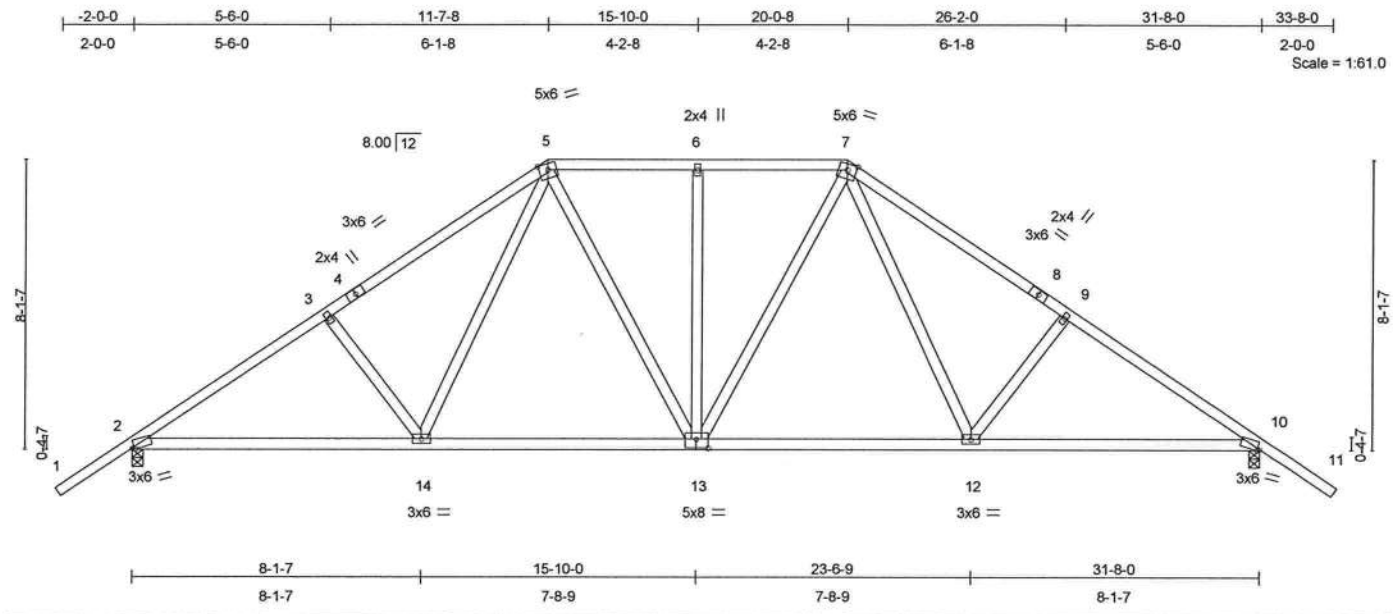


Plate Offsets (X,Y): [2:0-0-12,Edge], [10:0-0-12,Edge], [13:0-4-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.37	Vert(LL)	-0.09 2-14	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.36	Vert(TL)	-0.17 10-12	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.26	Horz(TL)	0.06 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)					Weight: 183 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-11-9 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 8-8-0 oc bracing.
WEBS 2 X 4 SYP No.3	

REACTIONS (lb/size) 2=1124/0-3-8, 10=1124/0-3-8
 Max Horz 2=-256(load case 4)
 Max Uplift 2=-391(load case 6), 10=-391(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-1536/888, 3-4=-1364/878, 4-5=-1272/905, 5-6=-1000/790, 6-7=-1000/790, 7-8=-1272/905, 8-9=-1364/878, 9-10=-1536/888, 10-11=0/62
 BOT CHORD 2-14=-515/1200, 13-14=-294/935, 12-13=-259/935, 10-12=-515/1200
 WEBS 3-14=-245/297, 5-14=-193/333, 5-13=-190/259, 6-13=-197/151, 7-13=-190/259, 7-12=-193/333, 9-12=-245/297

JOINT STRESS INDEX
 2 = 0.78, 3 = 0.33, 4 = 0.33, 5 = 0.72, 6 = 0.33, 7 = 0.72, 8 = 0.33, 9 = 0.33, 10 = 0.78, 12 = 0.46, 13 = 0.38 and 14 = 0.46

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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

Julius Lee
 Truss Design Engineer
 Florida Reg. No. 34888
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33436

January 10, 2008

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	0 0	J1925026
	T20	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:06 2008 Page 2

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 391 lb uplift at joint 2 and 391 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 34889
1399 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10, 2008

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-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	0 0	J1925027
	T21	HIP	1	1		
Builders First Source, Jacksonville, Florida 32244						6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:07 2008 Page 1
						Job Reference (optional)

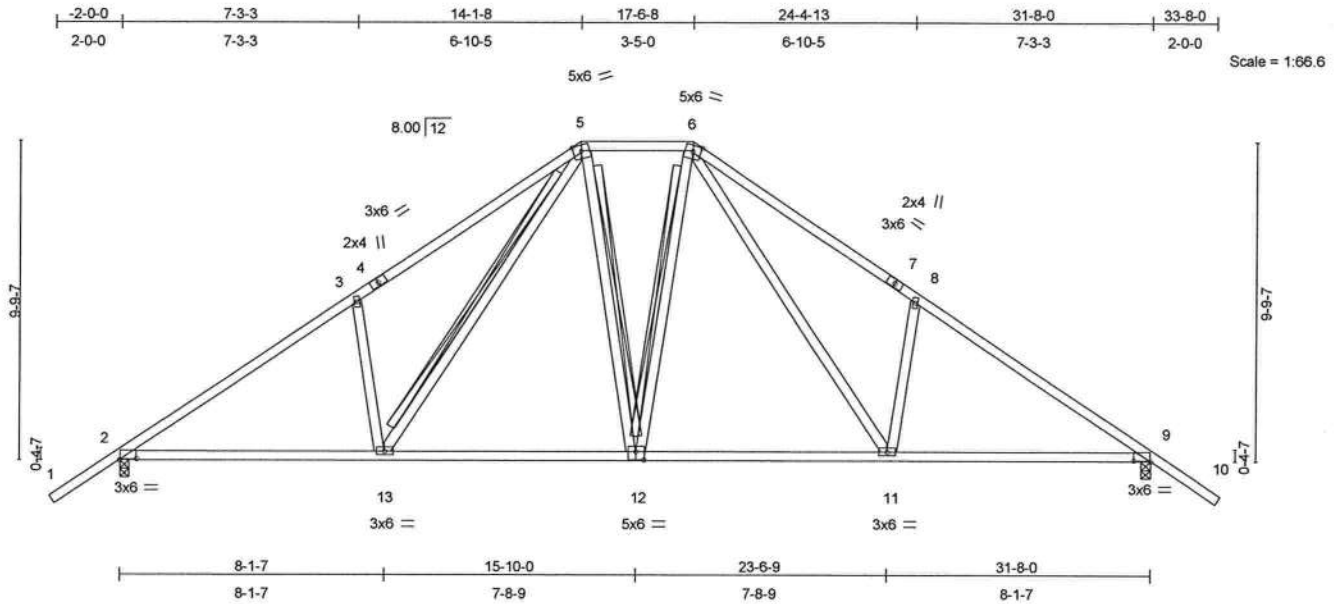


Plate Offsets (X,Y): [2:0-6-3,0-0-6], [9:0-6-3,0-0-6], [12:0-3-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.43	Vert(LL)	-0.09 9-11	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.37	Vert(TL)	-0.19 9-11	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 1.00	Horz(TL)	0.05 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)					Weight: 185 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-9-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-5-11 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 5-13, 5-12, 6-12
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1124/0-3-8, 9=1124/0-3-8
 Max Horz 2=-311(load case 4)
 Max Uplift 2=-405(load case 6), 9=-429(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-1506/836, 3-4=-1435/1017, 4-5=-1415/1049, 5-6=-829/726,
 6-7=-1413/1047, 7-8=-1433/1015, 8-9=-1505/836, 9-10=0/62
 BOT CHORD 2-13=-444/1157, 12-13=-169/820, 11-12=-133/823, 9-11=-444/1157
 WEBS 3-13=-356/434, 5-13=-448/524, 5-12=-173/216, 6-12=-171/218, 6-11=-444/514,
 8-11=-348/430

Julius Lee
 Truss Design Engineer
 Florida PE No. 34868
 1400 Coastal Bay Blvd
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.70, 3 = 0.33, 4 = 0.60, 5 = 0.67, 6 = 0.67, 7 = 0.60, 8 = 0.33, 9 = 0.70, 11 = 0.42, 12 = 0.57 and 13 = 0.42

Continued on page 2

January 10, 2008

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 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	0 0	J1925027
	T21	HIP	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:07 2008 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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 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 405 lb uplift at joint 2 and 429 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 34868
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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 / TP1 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	0 0	J1925028
	T22	COMMON	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:08 2008 Page 1

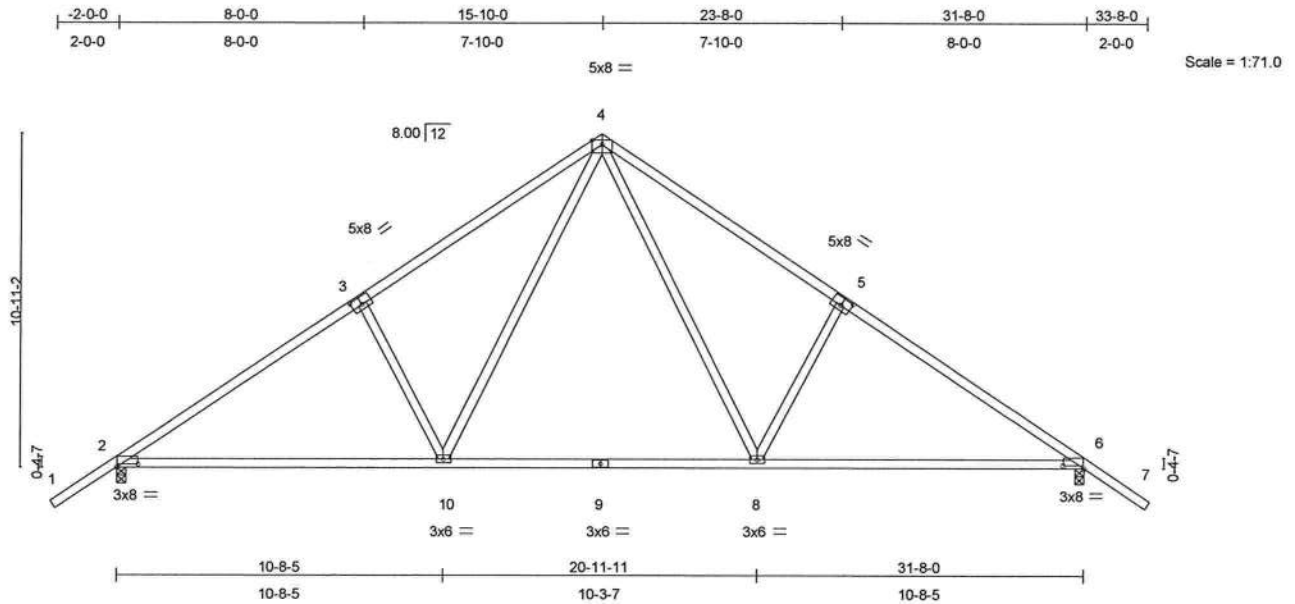


Plate Offsets (X,Y): [2:0-8-3,0-1-2], [3:0-4-0,0-3-0], [5:0-4-0,0-3-0], [6:0-8-3,0-1-2]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.48	Vert(LL)	-0.25 6-8	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.53	Vert(TL)	-0.49 6-8	>775	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.88	Horz(TL)	0.05 6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 163 lb

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 9-7-14 oc bracing.

REACTIONS

(lb/size) 2=1124/0-3-8, 6=1124/0-3-8
 Max Horz 2=348(load case 5)
 Max Uplift 2=-413(load case 6), 6=-413(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-1474/821, 3-4=-1277/906, 4-5=-1277/906, 5-6=-1474/821, 6-7=0/62
 BOT CHORD 2-10=-420/1127, 9-10=-93/753, 8-9=-93/753, 6-8=-420/1127
 WEBS 3-10=-377/429, 4-10=-355/500, 4-8=-355/500, 5-8=-377/429

JOINT STRESS INDEX

2 = 0.73, 3 = 0.69, 4 = 0.72, 5 = 0.69, 6 = 0.73, 8 = 0.45, 9 = 0.38 and 10 = 0.45

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; 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.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Julius Lee
 Truss Design Engineer
 Florida PE No. 34888
 1109 Coastal Bay Blvd
 Boynton Beach, FL 33426

Continued on page 2

January 10,2008

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	0 0	J1925028
	T22	COMMON	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:08 2008 Page 2

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 413 lb uplift at joint 2 and 413 lb uplift at joint 6.

LOAD CASE(S) Standard

Julius Lee
 Truss Design Engineer
 Florida P.E. No. 31553
 1100 Coastal Bay Blvd.
 Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925029
	T23	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:09 2008 Page 1

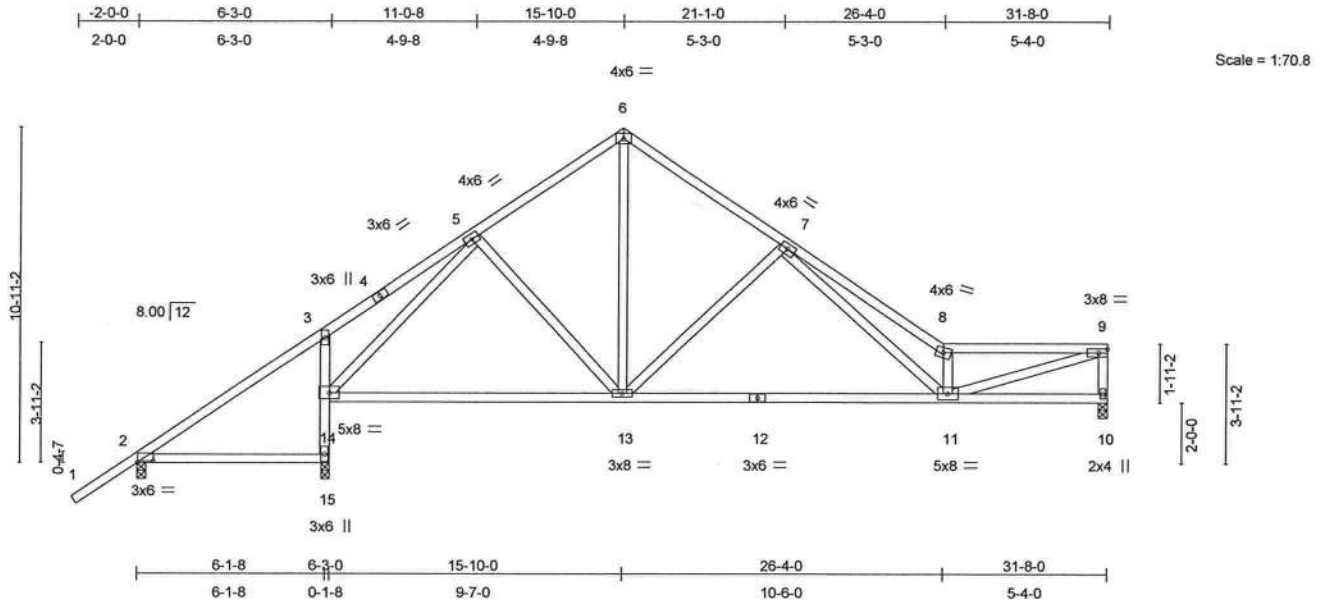


Plate Offsets (X,Y): [2:0-6-3,0-0-10]

LOADING (psf)	SPACING		CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0		TC 0.54	Vert(LL)	-0.28 11-13	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.51	Vert(TL)	-0.58 11-13	>528	240		
BCLL 10.0	* Rep Stress Incr YES		WB 0.93	Horz(TL)	0.01 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 177 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-15 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or
 3-7-11 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-3-13 oc
 bracing.

REACTIONS

(lb/size) 10=799/0-3-8, 2=272/0-3-8, 15=1057/0-3-0
 Max Horz 2=375(load case 5)
 Max Uplift 10=-262(load case 7), 2=-273(load case 4), 15=-472(load case 6)
 Max Grav 10=799(load case 1), 2=289(load case 10), 15=1057(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-274/319, 3-4=-144/260, 4-5=-123/280, 5-6=-752/568, 6-7=-766/566,
 7-8=-2614/1637, 8-9=-1990/1175, 9-10=-762/478
 BOT CHORD 2-15=-74/0, 14-15=-1029/653, 3-14=-298/348, 13-14=-289/551, 12-13=-554/975,
 11-12=-554/975, 10-11=-97/136
 WEBS 5-13=-65/146, 5-14=-926/450, 6-13=-392/480, 7-13=-558/499, 7-11=-997/1606,
 8-11=-1659/1119, 9-11=-1133/1949

Julius Lee
 Truss Design Engineer
 Florida PE No. 34863
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.60, 3 = 0.26, 4 = 0.15, 5 = 0.27, 6 = 0.52, 7 = 0.62, 8 = 0.80, 9 = 0.66, 10 = 0.73, 11 = 0.88, 12 = 0.59, 13 = 0.56, 14 = 0.63 and 15 = 0.44

NOTES

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

Continued on page 2

January 10, 2008

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	0 0	J1925029
	T23	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:09 2008 Page 2

NOTES

- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf, BCDL=3.0psf, Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *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 262 lb uplift at joint 10, 273 lb uplift at joint 2 and 472 lb uplift at joint 15.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34868
1100 Coastal Bay Blvd.
Boynton Beach, FL 33426

January 10, 2008

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	0 0	J1925030
	T24	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:10 2008 Page 2

JOINT STRESS INDEX

2 = 0.57, 3 = 0.57, 4 = 0.15, 5 = 0.27, 6 = 0.76, 7 = 0.40, 8 = 0.54, 9 = 0.53, 10 = 0.33, 11 = 0.53, 12 = 0.56, 13 = 0.74 and 14 = 0.48

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *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 266 lb uplift at joint 9, 243 lb uplift at joint 2 and 491 lb uplift at joint 14.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925031
	T25	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:11 2008 Page 1

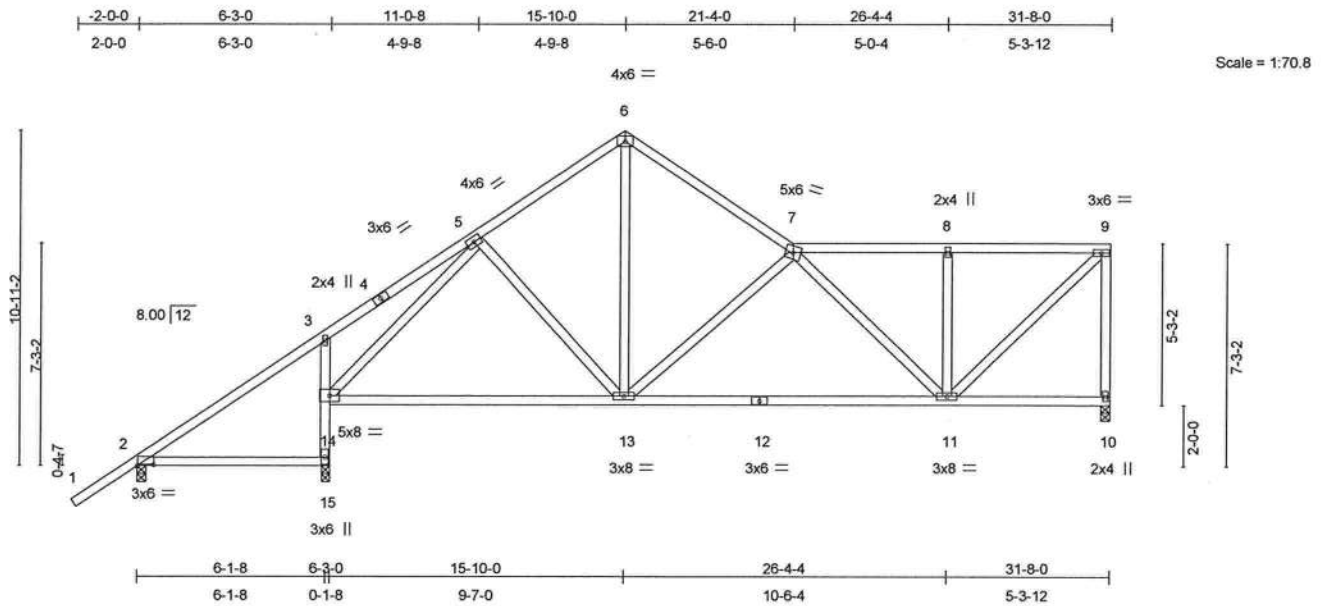


Plate Offsets (X,Y): [2:0-6-3,0-0-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.58	Vert(LL)	-0.20 11-13	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.50	Vert(TL)	-0.37 11-13	>815	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.77	Horz(TL)	0.03 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 188 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-15 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-9-0 oc bracing.

REACTIONS

(lb/size) 10=805/0-3-8, 2=298/0-3-8, 15=1025/0-3-0
 Max Horz 2=398(load case 6)
 Max Uplift 10=-272(load case 7), 2=-210(load case 4), 15=-512(load case 6)
 Max Grav 10=805(load case 1), 2=302(load case 10), 15=1025(load case 1)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-270/210, 3-4=-141/167, 4-5=-120/188, 5-6=-763/526, 6-7=-775/518,
 7-8=-703/438, 8-9=-702/438, 9-10=-786/521
 BOT CHORD 2-15=-82/0, 14-15=-990/735, 3-14=-316/373, 13-14=-412/573, 12-13=-662/996,
 11-12=-662/996, 10-11=-17/19
 WEBS 5-13=-72/121, 6-13=-326/474, 7-13=-561/447, 5-14=-847/526, 7-11=-412/315,
 8-11=-285/245, 9-11=-585/949

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1400 Coastal Bay Blvd
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.66, 3 = 0.56, 4 = 0.15, 5 = 0.27, 6 = 0.59, 7 = 0.62, 8 = 0.33, 9 = 0.61, 10 = 0.37, 11 = 0.91, 12 = 0.54, 13 = 0.56, 14 = 0.63 and 15 = 0.51

NOTES

1) Unbalanced roof live loads have been considered for this design.
 Continued on page 2

January 10, 2008

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	0 0	J1925031
	T25	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:11 2008 Page 2

NOTES

- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *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 272 lb uplift at joint 10, 210 lb uplift at joint 2 and 512 lb uplift at joint 15.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34868
1100 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925032
	T26	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:12 2008 Page 1

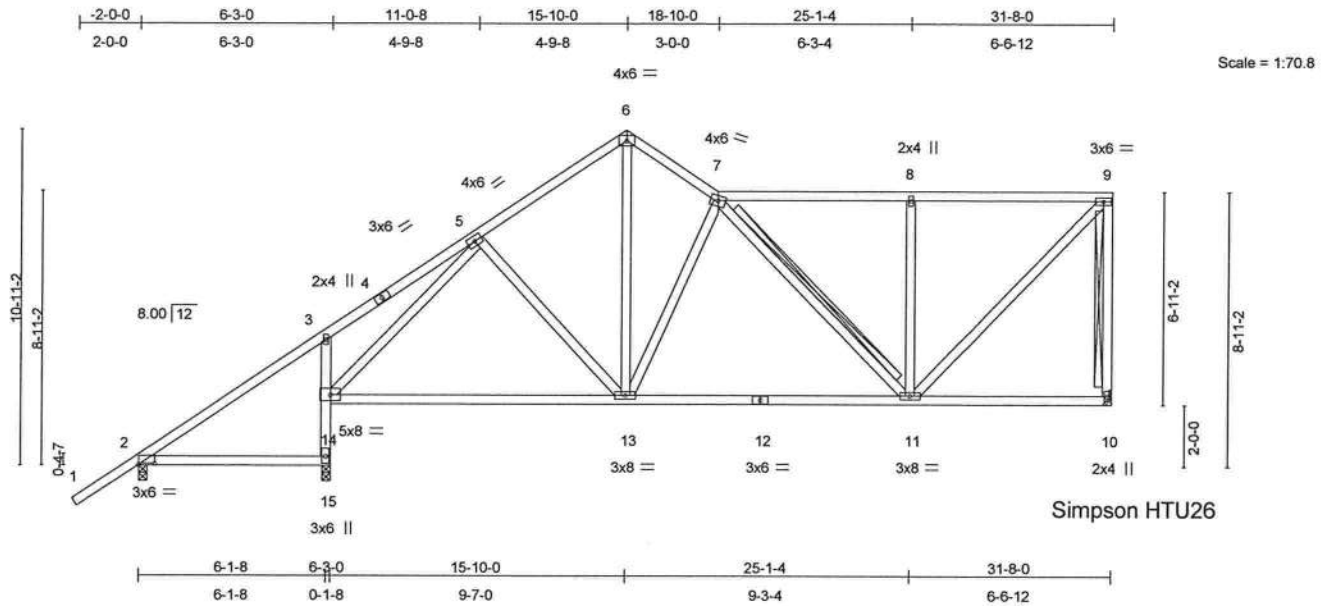


Plate Offsets (X,Y): [2:0-6-3,0-0-6]

LOADING (psf)	SPACING		CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 2-0-0		TC 0.44	Vert(LL)	-0.12 13-14	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.52	Vert(TL)	-0.22 13-14	>999	240		
BCLL 10.0	* Rep Stress Incr YES		WB 0.85	Horz(TL)	0.02 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 198 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-15 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or
 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-9-1 oc
 bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 -
 9-10, 7-11
 Fasten T and I braces to narrow edge of web
 with 10d Common wire nails, 9in o.c., with 4in
 minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 10=805/Mechanical, 2=299/0-3-8, 15=1023/0-3-0
 Max Horz 2=438(load case 6)
 Max Uplift 10=-331(load case 5), 2=-177(load case 4), 15=-530(load case 6)
 Max Grav 10=805(load case 1), 2=302(load case 10), 15=1023(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-323/153, 3-4=-134/109, 4-5=-114/129, 5-6=-762/495, 6-7=-733/524,
 7-8=-621/414, 8-9=-620/415, 9-10=-774/549
 BOT CHORD 2-15=-91/0, 14-15=-989/778, 3-14=-312/371, 13-14=-466/576, 12-13=-540/776,
 11-12=-540/776, 10-11=-14/20
 WEBS 5-14=-848/588, 5-13=-74/123, 6-13=-382/553, 7-13=-498/382, 7-11=-226/183,
 8-11=-381/338, 9-11=-576/863

Julius Lee
 Truss Design Engineer
 Florida PE No. 24869
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

Continued on page 2

January 10, 2008

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	0 0	J1925032
	T26	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:12 2008 Page 2

JOINT STRESS INDEX

2 = 0.64, 3 = 0.55, 4 = 0.15, 5 = 0.27, 6 = 0.37, 7 = 0.63, 8 = 0.33, 9 = 0.73, 10 = 0.47, 11 = 0.83, 12 = 0.42, 13 = 0.61, 14 = 0.69 and 15 = 0.54

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *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 331 lb uplift at joint 10, 177 lb uplift at joint 2 and 530 lb uplift at joint 15.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925033
	T27	SPECIAL	1	1		
Builders First Source, Jacksonville, Florida 32244						6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:13 2008 Page 1
						Job Reference (optional)

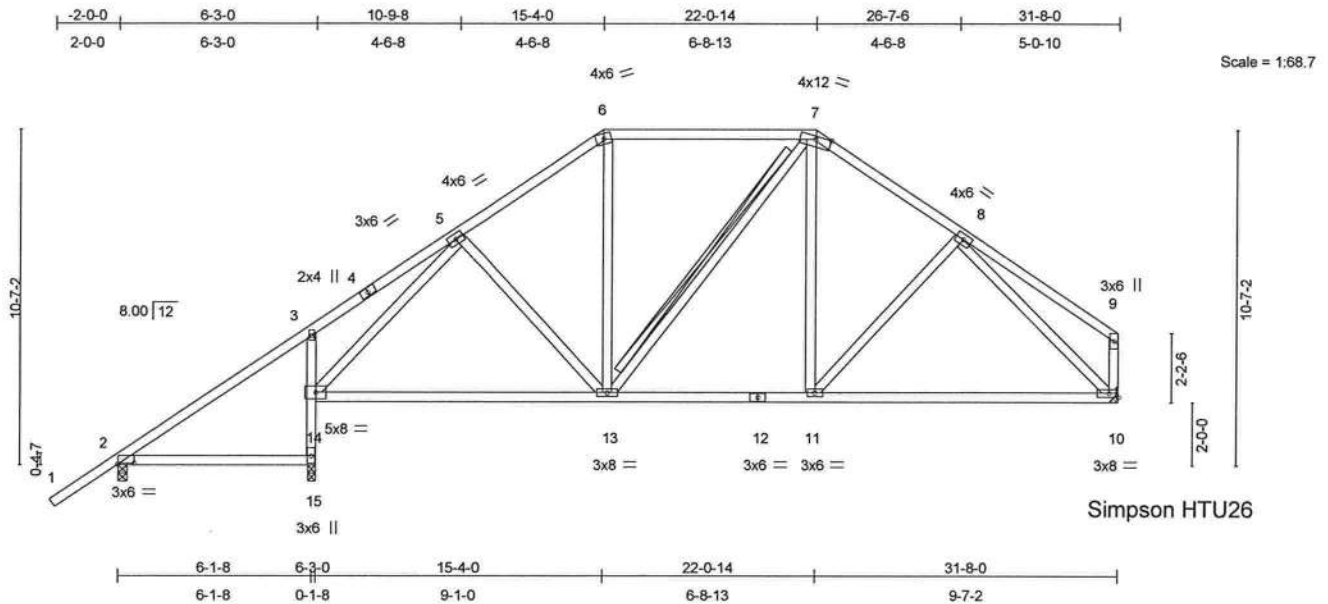


Plate Offsets (X,Y): [2:0-6-3,0-0-6]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.43	Vert(LL)	-0.15 10-11	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.49	Vert(TL)	-0.27 10-11	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.68	Horz(TL)	0.03 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 193 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-15 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3 *Except*
 9-10 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-9-9 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 7-13
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS

(lb/size) 2=304/0-3-8, 15=1018/0-3-0, 10=806/Mechanical
 Max Horz 2=364(load case 5)
 Max Uplift 2=-266(load case 4), 15=-495(load case 5), 10=-222(load case 7)
 Max Grav 2=304(load case 10), 15=1018(load case 1), 10=806(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-255/310, 3-4=-116/264, 4-5=-104/283, 5-6=-766/593, 6-7=-591/572,
 7-8=-781/598, 8-9=-197/153, 9-10=-204/181
 BOT CHORD 2-15=-81/4, 14-15=-982/643, 3-14=-319/354, 13-14=-329/565, 12-13=-246/602,
 11-12=-246/602, 10-11=-349/611
 WEBS 5-14=-819/427, 5-13=-43/125, 6-13=-51/184, 7-13=-118/108, 7-11=-63/205,
 8-11=-103/154, 8-10=-751/460

Julius Lee
 Truss Design Engineer
 Florida PE No. 31888
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

Continued on page 2

January 10, 2008

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 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	0 0	J1925033
	T27	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:13 2008 Page 2

JOINT STRESS INDEX

2 = 0.66, 3 = 0.68, 4 = 0.15, 5 = 0.28, 6 = 0.72, 7 = 0.90, 8 = 0.27, 9 = 0.34, 10 = 0.70, 11 = 0.37, 12 = 0.23, 13 = 0.56, 14 = 0.73 and 15 = 0.48

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TC DL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *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 266 lb uplift at joint 2, 495 lb uplift at joint 15 and 222 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 24888
1160 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925034
	T28	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:14 2008 Page 1

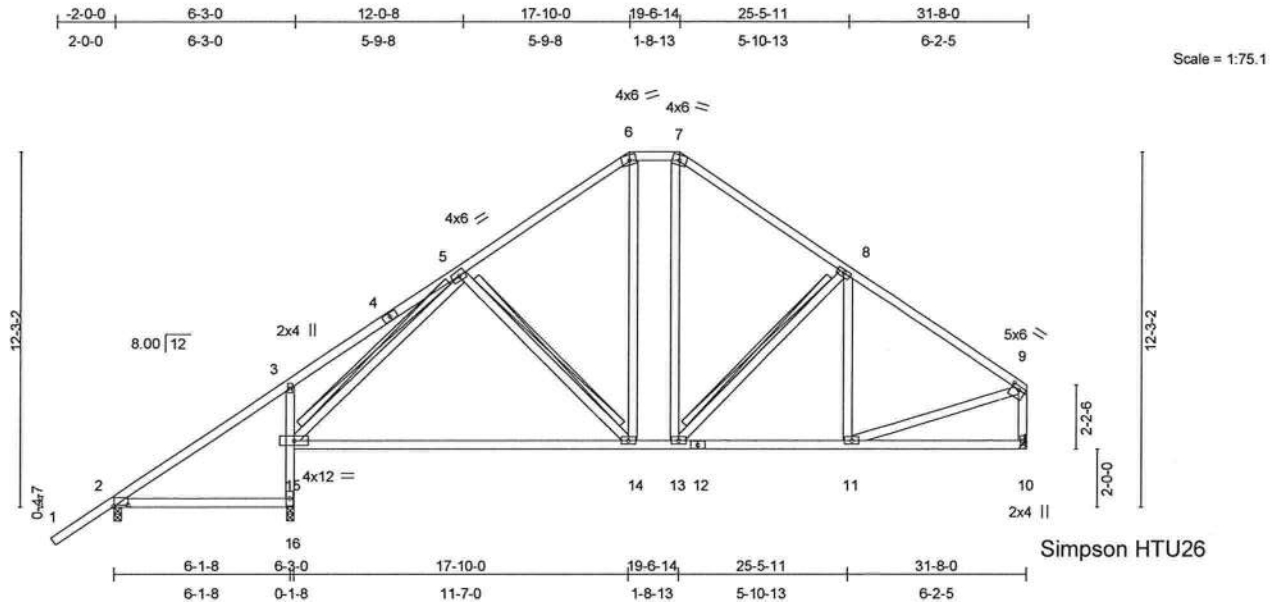


Plate Offsets (X,Y): [2:0-6-3,0-0-10], [9:0-3-0,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.35	Vert(LL)	-0.32 14-15	>948	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.71	Vert(TL)	-0.57 14-15	>536	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.33	Horz(TL)	0.03 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 198 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-16 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3 *Except*
 9-10 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-8-9 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 5-15, 5-14, 8-13
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS (lb/size) 2=298/0-3-8, 16=1026/0-3-0, 10=805/Mechanical
 Max Horz 2=419(load case 5)
 Max Uplift 2=-319(load case 4), 16=-488(load case 6), 10=-238(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-329/404, 3-4=-183/332, 4-5=-158/356, 5-6=-721/573, 6-7=-524/566,
 7-8=-721/579, 8-9=-865/533, 9-10=-769/492
 BOT CHORD 2-16=-93/3, 15-16=-990/624, 3-15=-356/392, 14-15=-333/595, 13-14=-153/524,
 12-13=-333/647, 11-12=-333/647, 10-11=-83/95
 WEBS 5-15=-797/377, 5-14=-146/256, 6-14=-125/268, 7-13=-178/135, 8-13=-232/257,
 8-11=-129/125, 9-11=-263/581

Julius Lee
 Truss Design Engineer
 Florida PE No. 34868
 1400 Coastal Bay Blvd.
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.57, 3 = 0.38, 4 = 0.22, 5 = 0.26, 6 = 0.67, 7 = 0.52, 8 = 0.41, 9 = 0.82, 10 = 0.83, 11 = 0.34, 12 = 0.30, 13 = 0.36, 14 = 0.36, 15 = 0.92 and 16 = 0.48

Continued on page 2

January 10, 2008

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	0 0	J1925034
	T28	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville ,Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:14 2008 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) All plates are 3x6 MT20 unless otherwise indicated.
- 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 319 lb uplift at joint 2, 488 lb uplift at joint 16 and 238 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 34888
1300 Coastal Bay Blvd.
Boynton Beach, FL 33435

January 10,2008

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	0 0	J1925035
	T29	SPECIAL	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:15 2008 Page 1

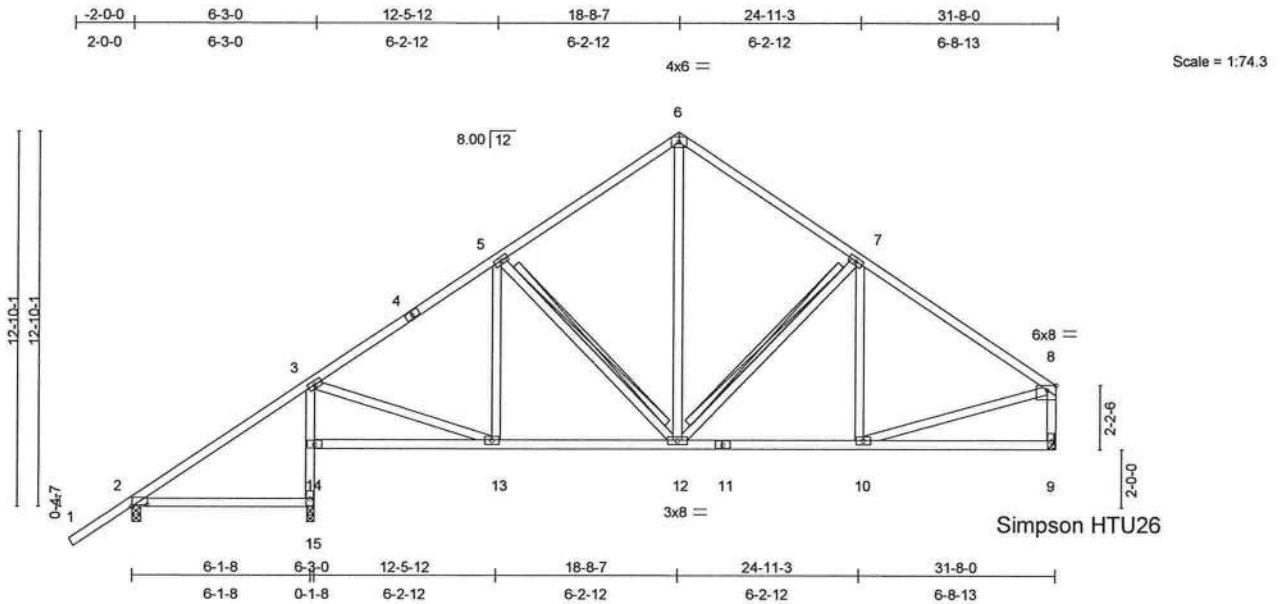


Plate Offsets (X,Y): [2:0-6-3,0-0-10], [8:0-3-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.35	Vert(LL)	0.07 2-15	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.46	Vert(TL)	-0.06 12-13	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.68	Horz(TL)	0.02 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 194 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-15 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3 *Except*
 8-9 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 5-9-13 oc bracing: 14-15.
 WEBS T-Brace: 2 X 4 SYP No.3 - 5-12, 7-12
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS

(lb/size) 2=306/0-3-8, 15=1015/0-3-0, 9=807/Mechanical
 Max Horz 2=437(load case 5)
 Max Uplift 2=-314(load case 4), 15=-507(load case 6), 9=-239(load case 7)
 Max Grav 2=308(load case 10), 15=1015(load case 1), 9=807(load case 1)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-353/391, 3-4=-845/507, 4-5=-741/522, 5-6=-698/567, 6-7=-699/568,
 7-8=-878/529, 8-9=-769/487
 BOT CHORD 2-15=-75/21, 14-15=-980/638, 3-14=-947/656, 13-14=-80/48, 12-13=-303/622,
 11-12=-316/650, 10-11=-316/650, 9-10=-105/115
 WEBS 3-13=-235/621, 5-13=-136/114, 5-12=-220/256, 6-12=-346/375, 7-12=-255/275,
 7-10=-103/111, 8-10=-220/559

Julius Lee
 Truss Design Engineer
 Florida PE No. 34869
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

Continued on page 2

January 10, 2008

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	0 0	J1925035
	T29	SPECIAL	2	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:15 2008 Page 2

JOINT STRESS INDEX

2 = 0.59, 3 = 0.41, 4 = 0.38, 5 = 0.41, 6 = 0.73, 7 = 0.41, 8 = 0.49, 9 = 0.29, 10 = 0.34, 11 = 0.22, 12 = 0.56, 13 = 0.34, 14 = 0.32 and 15 = 0.47

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 314 lb uplift at joint 2, 507 lb uplift at joint 15 and 239 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Lars
Truss Design Engineer
Florida Reg. No. 31808
1400 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925036
	T30	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:16 2008 Page 1

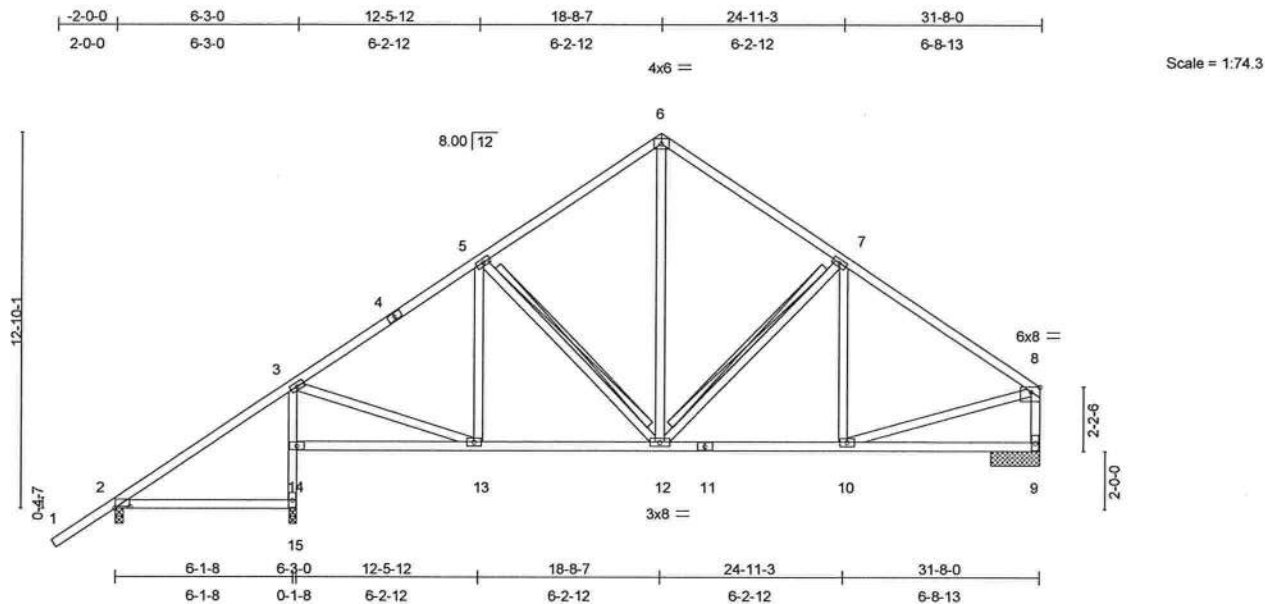


Plate Offsets (X,Y): [2:0-6-3,0-0-10], [8:0-3-8,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.35	Vert(LL)	0.07 2-15	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.46	Vert(TL)	-0.06 12-13	>999	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.68	Horz(TL)	0.02 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)					Weight: 194 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-15 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3 *Except*
 8-9 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 5-9-13 oc bracing: 14-15.
 WEBS T-Brace: 2 X 4 SYP No.3 - 5-12, 7-12
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS

(lb/size) 2=306/0-3-8, 15=1015/0-3-0, 9=807/1-8-0
 Max Horz 2=437(load case 5)
 Max Uplift 2=-314(load case 4), 15=-507(load case 6), 9=-239(load case 7)
 Max Grav 2=308(load case 10), 15=1015(load case 1), 9=807(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-353/391, 3-4=-845/507, 4-5=-741/522, 5-6=-698/566, 6-7=-699/568,
 7-8=-878/529, 8-9=-769/487
 BOT CHORD 2-15=-75/21, 14-15=-980/638, 3-14=-947/656, 13-14=-80/48, 12-13=-303/622,
 11-12=-316/650, 10-11=-316/650, 9-10=-105/115
 WEBS 3-13=-235/621, 5-13=-136/114, 5-12=-220/256, 6-12=-346/375, 7-12=-255/275,
 7-10=-103/111, 8-10=-220/559

Julius Lars
 Truss Design Engineer
 Florida Reg. No. 31859
 1409 Coastal Bay Blvd
 Boynton Beach, FL 33435

Continued on page 2

January 10, 2008

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	0 0	J1925036
	T30	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:16 2008 Page 2

JOINT STRESS INDEX

2 = 0.58, 3 = 0.41, 4 = 0.38, 5 = 0.41, 6 = 0.73, 7 = 0.41, 8 = 0.49, 9 = 0.29, 10 = 0.34, 11 = 0.22, 12 = 0.56, 13 = 0.34, 14 = 0.32 and 15 = 0.47

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TC DL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 314 lb uplift at joint 2, 507 lb uplift at joint 15 and 239 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 34888
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925037
	T31	SPECIAL	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:17 2008 Page 1

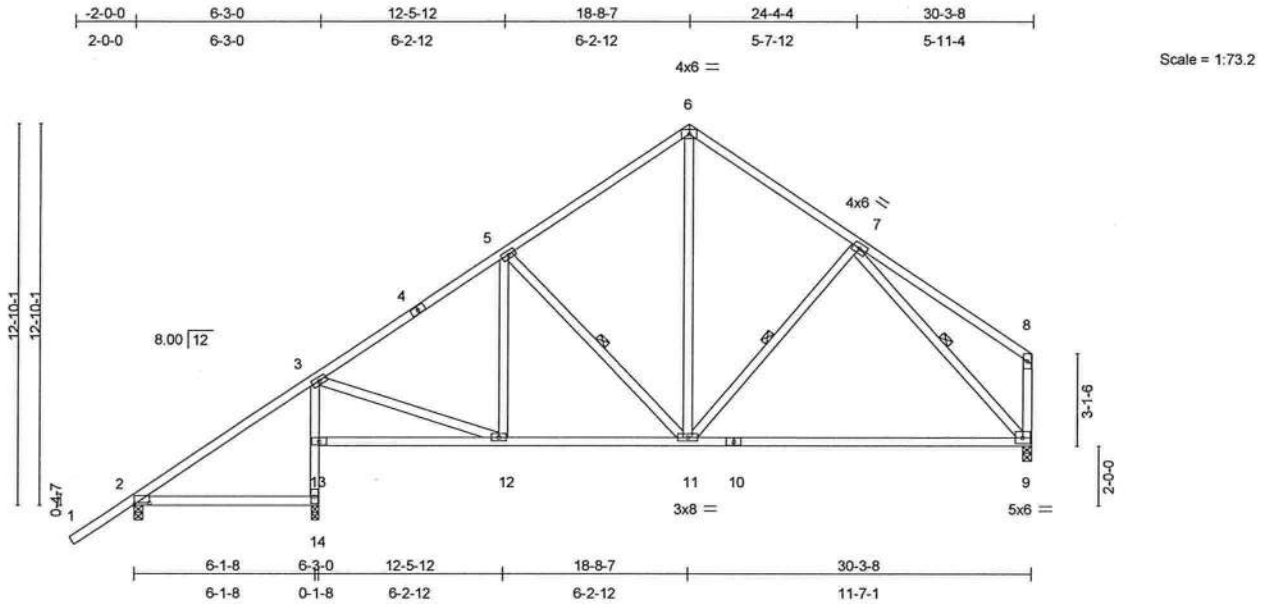


Plate Offsets (X,Y): [2:0-6-3,0-0-10]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.63	Vert(LL)	-0.29 9-11	>979	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.56	Vert(TL)	-0.52 9-11	>560	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.58	Horz(TL)	0.02 9	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 185 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-14 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3 *Except*
 8-9 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or
 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc
 bracing, Except:
 5-11-7 oc bracing: 13-14.
 WEBS 1 Row at midpt 5-11, 7-11, 7-9

REACTIONS (lb/size) 2=307/0-3-8, 14=971/0-3-0, 9=763/0-3-8

Max Horz 2=436(load case 5)
 Max Uplift 2=-295(load case 4), 14=-509(load case 6), 9=-220(load case 7)
 Max Grav 2=308(load case 10), 14=971(load case 1), 9=763(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/62, 2-3=-350/359, 3-4=-791/462, 4-5=-687/477, 5-6=-641/514, 6-7=-630/520,
 7-8=-184/158, 8-9=-207/196
 BOT CHORD 2-14=-82/18, 13-14=-936/638, 3-13=-900/660, 12-13=-88/52, 11-12=-314/577,
 10-11=-271/506, 9-10=-271/506
 WEBS 3-12=-238/571, 5-12=-132/103, 5-11=-216/268, 6-11=-299/348, 7-11=-139/223,
 7-9=-651/376

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1100 Coastal Bay Blvd
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.59, 3 = 0.41, 4 = 0.37, 5 = 0.41, 6 = 0.68, 7 = 0.29, 8 = 0.41, 9 = 0.66, 10 = 0.19, 11 = 0.56, 12 = 0.34, 13 = 0.39 and 14 = 0.48

Continued on page 2

January 10, 2008

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 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	0 0	J1925037
	T31	SPECIAL	4	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:17 2008 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) All plates are 3x6 MT20 unless otherwise indicated.
- 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 295 lb uplift at joint 2, 509 lb uplift at joint 14 and 220 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida P.E. No. 24888
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

January 10, 2008

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	0 0	J1925038
	T32	SPECIAL	1	1		
Builders First Source, Jacksonville, Florida 32244						6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:18 2008 Page 1
						Job Reference (optional)

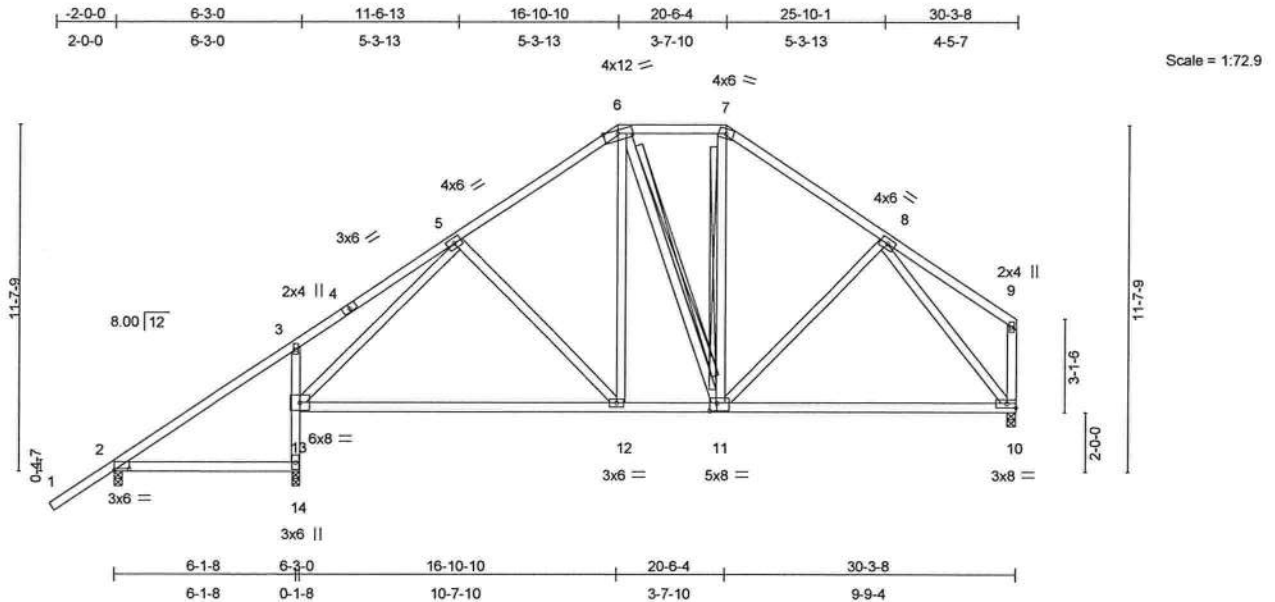


Plate Offsets (X,Y): [2:0-6-3,0-0-10], [11:0-3-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.48	Vert(LL)	-0.23 12-13	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.65	Vert(TL)	-0.41 12-13	>698	240		
BCLL 10.0	* Rep Stress Incr	YES	WB 0.80	Horz(TL)	0.03 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						Weight: 197 lb

LUMBER

TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2 *Except*
 3-14 2 X 4 SYP No.3
 WEBS 2 X 4 SYP No.3 *Except*
 9-10 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 5-11-0 oc bracing.
 WEBS T-Brace: 2 X 4 SYP No.3 - 6-11, 7-11
 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
 Brace must cover 90% of web length.

REACTIONS

(lb/size) 2=302/0-3-8, 14=977/0-3-0, 10=762/0-3-8
 Max Horz 2=396(load case 5)
 Max Uplift 2=-272(load case 4), 14=-480(load case 6), 10=-212(load case 7)

FORCES

(lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/62, 2-3=-286/320, 3-4=-143/254, 4-5=-121/276, 5-6=-681/534, 6-7=-487/516, 7-8=-665/522, 8-9=-138/85, 9-10=-135/114
 BOT CHORD 2-14=-92/0, 13-14=-941/633, 3-13=-337/374, 12-13=-342/548, 11-12=-191/498, 10-11=-279/475
 WEBS 5-13=-749/405, 5-12=-96/219, 6-12=-116/193, 6-11=-136/147, 7-11=-82/158, 8-11=-84/143, 8-10=-714/466

Julius Lee
 Truss Design Engineer
 Florida PE No. 24888
 1400 Coastal Bay Blvd
 Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.56, 3 = 0.54, 4 = 0.15, 5 = 0.27, 6 = 0.67, 7 = 0.51, 8 = 0.31, 9 = 0.61, 10 = 0.70, 11 = 0.70, 12 = 0.36, 13 = 0.75 and 14

Continued on page 2

January 10, 2008

Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK 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 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	0 0	J1925038
	T32	SPECIAL	1	1		Job Reference (optional)

Builders First Source, Jacksonville, Florida 32244

6.300 s Feb 15 2006 MiTek Industries, Inc. Thu Jan 10 14:20:18 2008 Page 2

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=17ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) Provide adequate drainage to prevent water ponding.
- 4) *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 272 lb uplift at joint 2, 480 lb uplift at joint 14 and 212 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1100 Coastal Bay Blvd
Boynton Beach, FL 33435

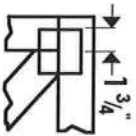
January 10, 2008

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

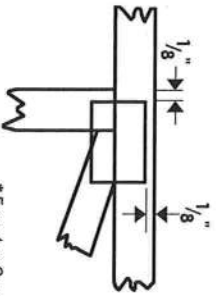


Symbols

PLATE LOCATION AND ORIENTATION



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



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



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

PLATE SIZE

4 X 4

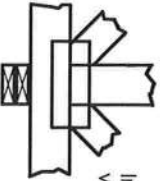
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



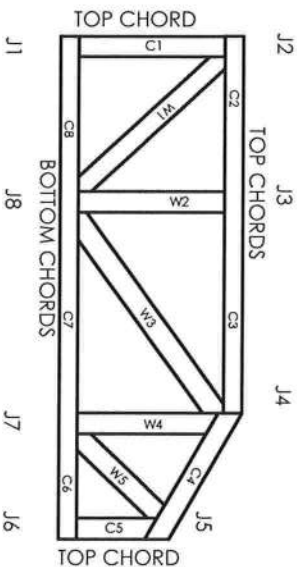
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System

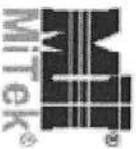


JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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



MITek Engineering Reference Sheet: MII-7473



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

© 1993 MITek® Holdings, Inc.

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

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

DOUGLAS FIR-LARCH		SOUTHERN PINE	
#3	STUD	#3	STUD
	STANDARD		STANDARD

GROUP B:		DOUGLAS FIR-LARCH	
#1	HEM-FIR	#1	DOUGLAS FIR-LARCH
#1 & #2	#1	#2	#2

CABLE TRUSS DETAIL NOTES:

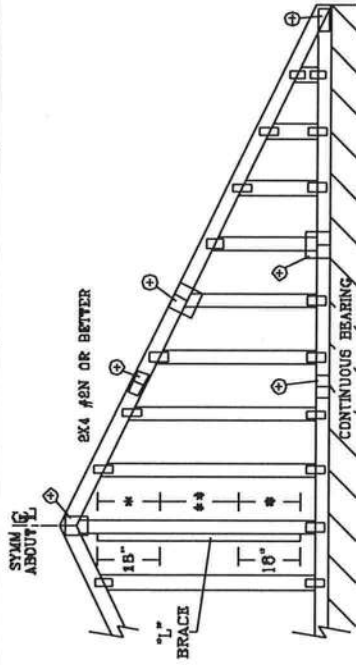
LIVE LOAD DEFLECTION CRITERIA IS L/240.
 PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (6 PSF VC DEAD LOAD).
 GABLE END SUPPORTS LOAD FROM 4' 0" OUTLEADERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 8" O.C.
 ** IN 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.

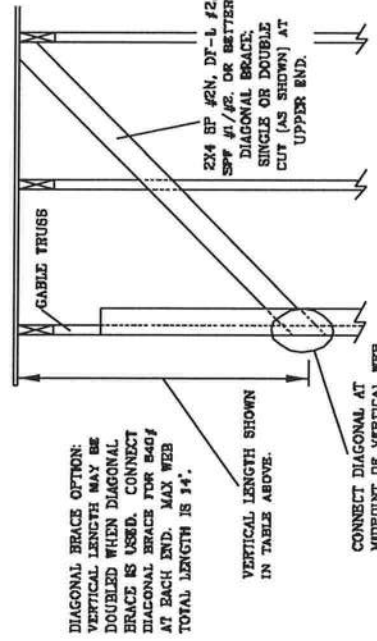
CABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	2X4
GREATER THAN 11' 8"	2-5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



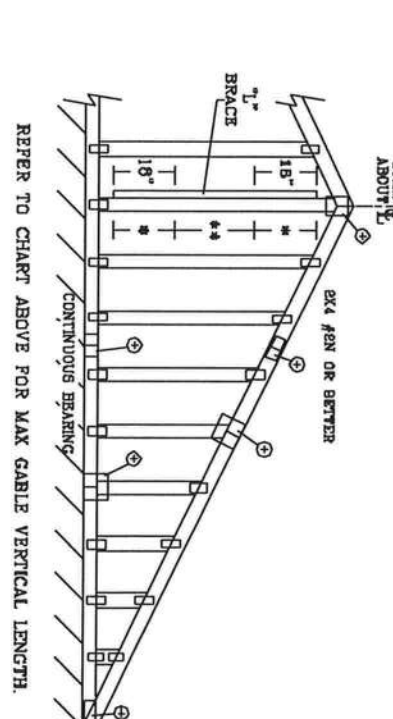
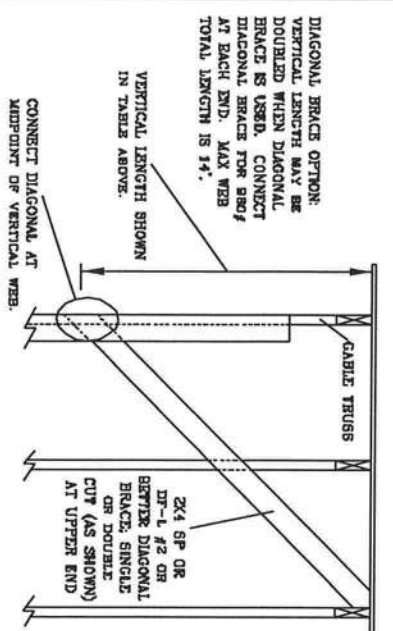
REF	ASCE7-02-CABI3015
DATE	11/26/03
DRWG	MTXK STD CABLE 15 E HT
	-ENG

<p>JULIUS LEE'S CONS. ENGINEERS P.A. 1455 BT 4th AVENUE DELRAY BEACH, FL 33444-8161</p>	<p>No. 34869 STATE OF FLORIDA</p>
	<p>MAX. TOT. LD. 60 PSF MAX. SPACING 24.0"</p>

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL TRUSS DIMENSIONS AND CONNECTIONS ARE TO BE MADE IN ACCORDANCE WITH THE TRUSS MANUFACTURING INSTITUTE (TMI) PUBLICATION, PUBLISHED BY TPI (TRUSS PLATFORM INSTITUTE, 563 FONDRIED DR, SUITE 300, MADISON, WI 53719) OR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

CABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH LESS THAN 4' 0"	NO SPlice
GREATER THAN 4' 0", BUT LESS THAN 11' 8"	1X4 OR 2X3
GREATER THAN 11' 8"	2.5X4

+ REFERS TO COMMON TRUSS DESIGN FOR PEAK, SPlice, AND HEEL PLATES.

CABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS $L/240$.
 PROVIDE UPRAIT CONNECTIONS FOR 180 PLF OVER CONTINUOUS BEARING (6 PSF TC DEAD LOAD).
 CABLE END SUPPORTS LOAD FROM 4' 0" OUTLEADERS WITH 8' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
 ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES: SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 8" O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:		GROUP B:	
SPRUCE-PINE-LARCH	#1 / #2	HEM-FIR	#1
STUD	STANDARD	DOUGLAS FIR-LARCH	#1
STUD	STANDARD	STUD	STANDARD

GROUP B:

HEM-FIR	#1 & BITE
SOUTHERN PINE	#1
DOUGLAS FIR-LARCH	#1

ANNOUNCEMENT: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC21-1-03 BUILDING CONSTRUCTION SAFETY INTERPRETATION PUBLISHED BY THE NATIONAL PLATE INSTITUTE, 2837 DORCHESTER DR., SUITE 200, HANNOVER, VA 22079 AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, 6500 CENTER EXCHANGE LN, MONTICELLO, VA 22128) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

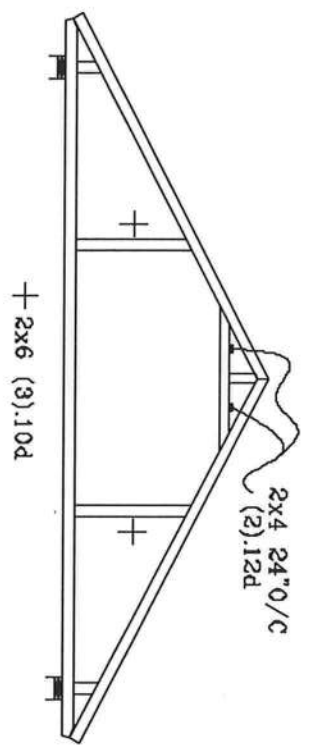
JULIUS LEE'S
 CONS. ENGINEERS P.A.
 1456 SR 4th AVENUE
 DELRAY BEACH, FL 33444-0161

No. 34888
 STATE OF FLORIDA

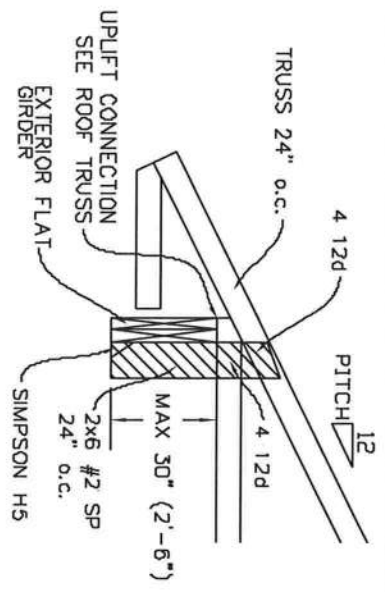
MAX. TOT. LD. 60 PSF
 MAX. SPACING 24.0"

REF ASCE7-02-CABR10030
 DATE 11/26/03
 DWG WEEK STD GABLE 90' 2 1/2
 -ENG

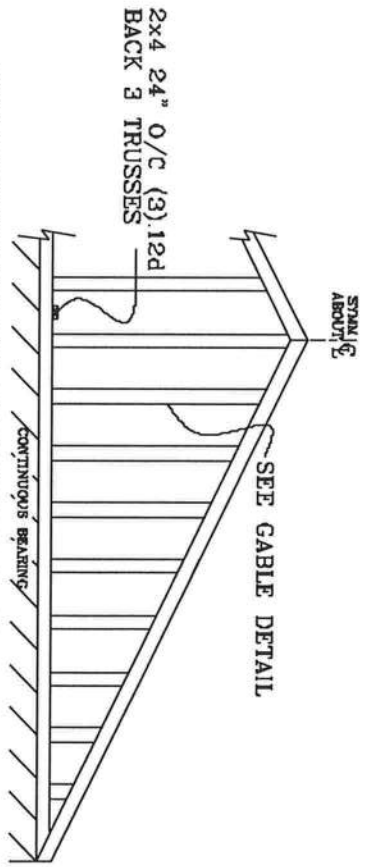
TYPICAL ATTIC TRUSS BRACING



TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS

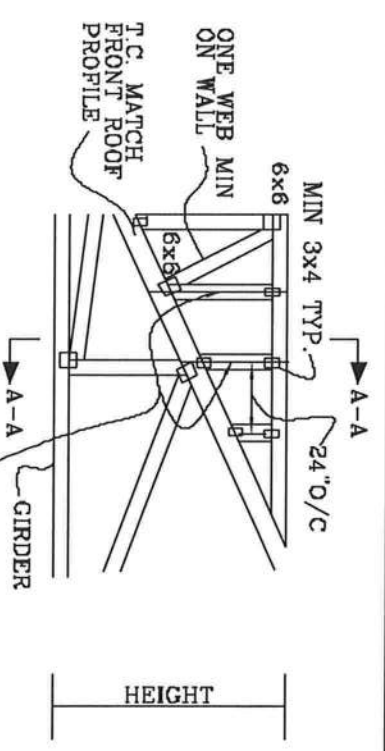


GABLE END TRUSS DETAIL



MINIMUM BC BRACING ON GABLE TRUSS OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR BOR

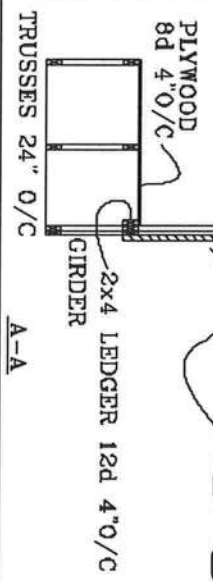
TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



SEE ROOF TRUSSES FOR UPLIFT

ROOF 24" o/c

SEE GABLE END DETAIL FOR T-BRACE BEHIND EACH VERTICAL



JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 41st AVENUE
DELRAT BRANCH FL 33411-2161

No: 34869
STATE OF FLORIDA

TOP CHORD 2X4 #2 OR BETTER
 BOT CHORD 2X4 #2 OR BETTER
 WEBS 2X4 #3 OR BETTER

PIGGYBACK DETAIL

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

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

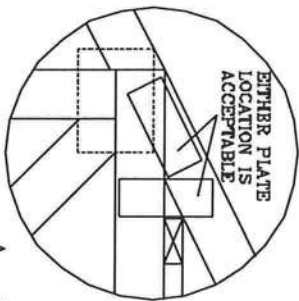
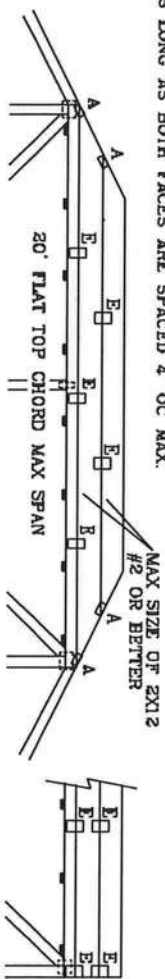
CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, PBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF

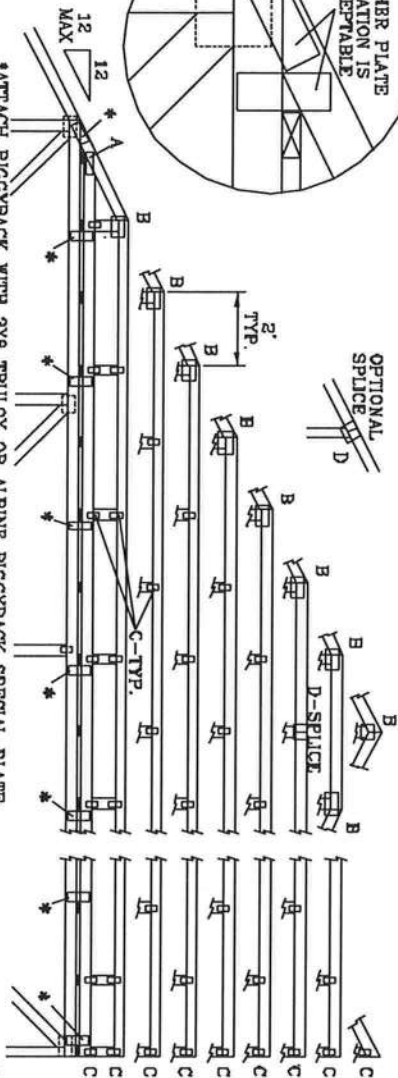
WIND TC DL=5 PSF, WIND BC DL=5 PSF

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

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



*ATTACH PIGGYBACK WITH 3X8 TRUSS OR ALPINE PIGGYBACK SPECIAL PLATE.



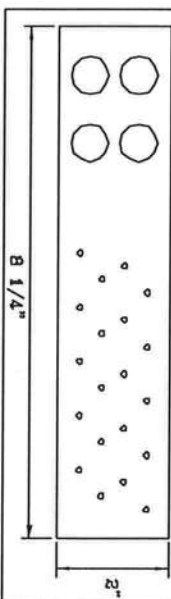
JOINT TYPE	SPANS UP TO		
	30'	34'	38'
A	2X4	2.5X4	2.6X4
B	4X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4
D	5X4	5X6	5X6
E	4X6 OR 3X6 TRUSS AT 4' OC, ROTATED VERTICALLY		

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

WEB LENGTH	WEB BRACING CHART
0' TO 7'9"	NO BRACING
7'9" TO 10'	1X4 BRACE, SAME GRADE, SPECIES AS WEB MEMBER OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d NAILS AT 4' OC.
10' TO 14'	2X4 T-BRACE, SAME GRADE, SPECIES AS WEB MEMBER OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4' OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. 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 SPACED 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634.018 834.017 & 847.045

NOTES: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SECT 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 2681 BOWEN RD, SUITE 200, WASHINGTON, VA 22719 AND VITA CYCLO TRUSS COUNCIL, 1000 W. 10TH ST, SUITE 100, WASHINGTON, VA 22719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. ALL MEMBERS OF THIS TRUSS SHALL BE PROPERLY ATTACHED TO THE STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED 3/8" DIAM. TRUSS.

JULIUS LEFF'S
 CONS. ENGINEERS P.A.
 1408 SW 4TH AVENUE
 DEALEY BRANCH, FL 33444-2161

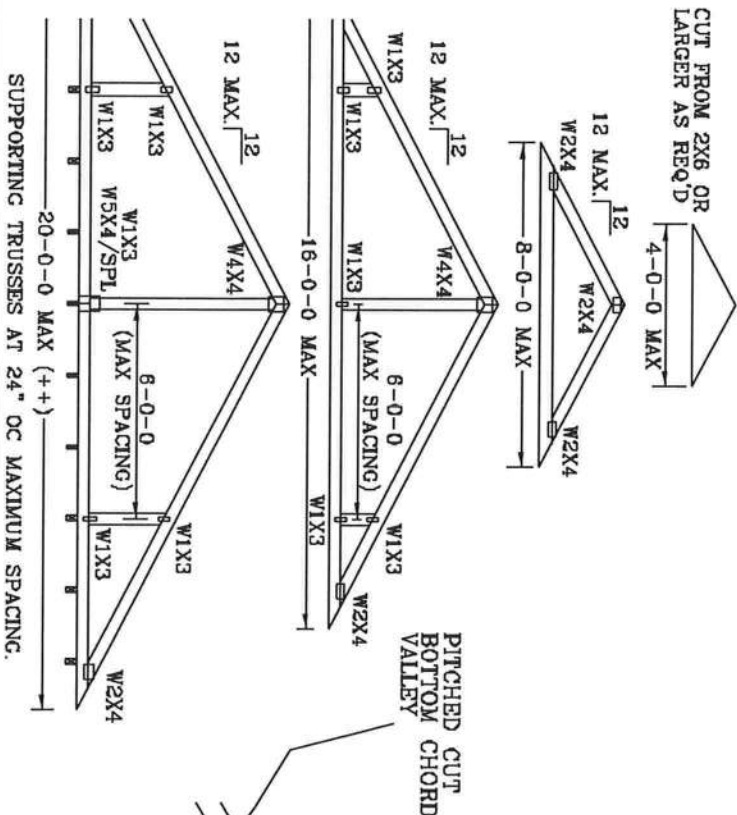
No. 34888
 STATE OF FLORIDA

MAX LOADING	REF	PIGGYBACK
55 PSF AT	DATE	09/12/07
1.33 DUR. FAC.	DRWG/ITERK	STD PIGGY
50 PSF AT	—ENG	JL
1.25 DUR. FAC.		
47 PSF AT		
1.15 DUR. FAC.		
SPACING		24.0"

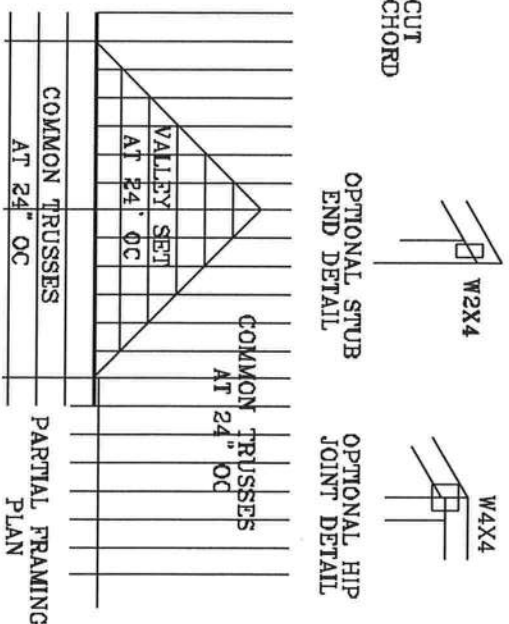
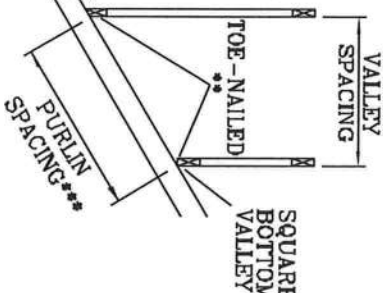
VALLEY TRUSS DETAIL

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

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
 ** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:
 (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR
 FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR
 ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED
 BUILDING, EXP. C. RESIDENTIAL, WIND TC DL=6 PSF.



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



THIS DRAWING REPLACES DRAWING A105

MEMBERS, TRUSSES, REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL TRUSS MEMBERS MUST BE PROPERLY IDENTIFIED AND BRACED BY THE TRUSS MANUFACTURER. SEE DRAWING FOR BRACING AND CONNECTIONS. FOR THE TRUSS MANUFACTURER'S INFORMATION, SEE DRAWING FOR BRACING AND CONNECTIONS. FOR THE TRUSS MANUFACTURER'S INFORMATION, SEE DRAWING FOR BRACING AND CONNECTIONS. FOR THE TRUSS MANUFACTURER'S INFORMATION, SEE DRAWING FOR BRACING AND CONNECTIONS.

JULIUS LEE'S
 CONS. ENGINEERS P.A.
 1455 SW 4th AVENUE
 DELRAY BEACH, FL 33444-8161

No. 34869
 STATE OF FLORIDA

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

TOE-NAIL DETAIL

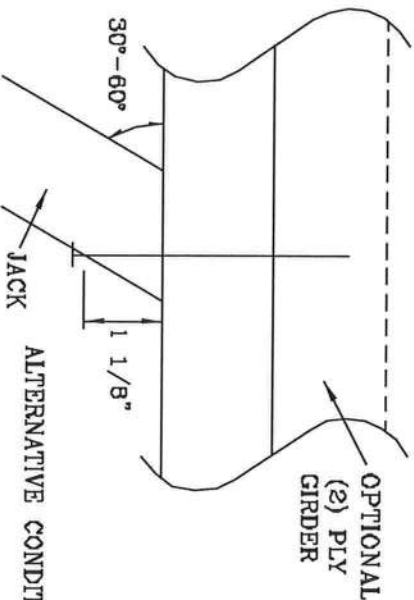
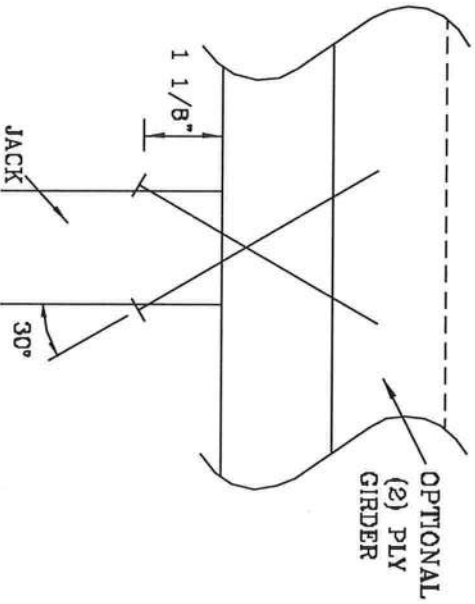
TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

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

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

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS
2	197#	256#	181#	234#	156#	203#	154#	199#
3	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	493#	639#	452#	585#	390#	507#	384#	496#

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



ALTERNATIVE CONDITION

THIS DRAWING REPLACES DRAWING 764040

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I 1-93 CARLING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS OF AMERICA, 6500 ENTERPRISE LN, MAUNSDEN, VA 20719 AND VTA (VOID TRUSS COUNCIL) BEST PRACTICES, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1405 SW 4th AVENUE
DELMAR BEACH, FL 33444-2161

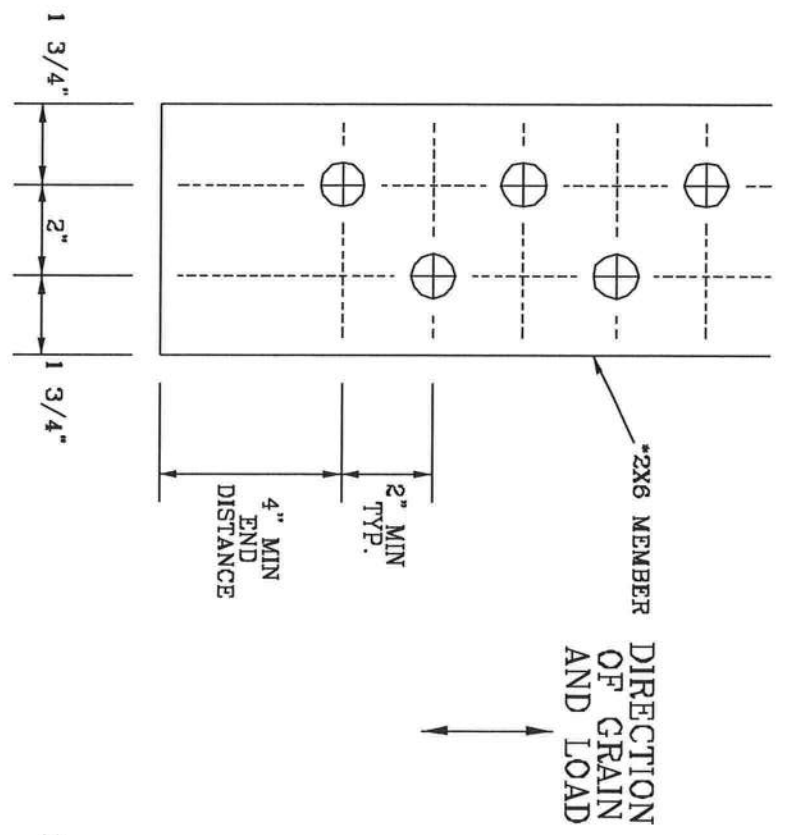
No. 34889
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

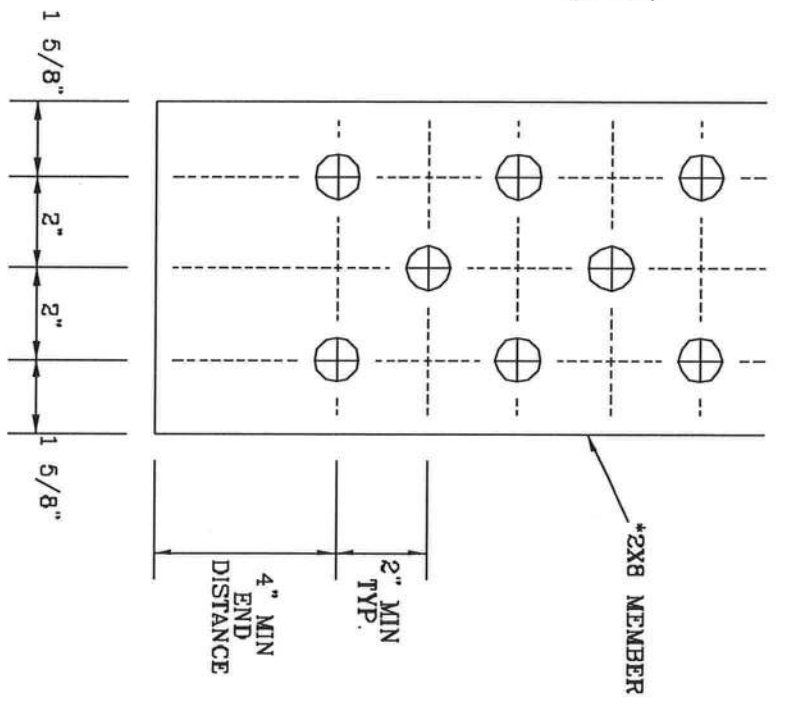
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

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

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



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A828.016

WARNING: TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SUPPORT, INSTALLING AND BRACING. REFER TO POST-1-00 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL PLATE INSTITUTE, 260 DOWNTOWN DR., SUITE 200, MADISON, WI 53709 AND VICA CODED TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIBBID CEILING.

JULIUS LEE'S
 CONS. ENGINEERS P.A.
 1405 SW 4TH AVENUE
 DELRAY BEACH, FL 33444-2161

No. 34869
 STATE OF FLORIDA

TC LL	PSF	REF	BOLT	SPACING
TC DL	PSF	DATE	11/26/03	
BC DL	PSF	DRWG	CNBOLTSPI103	
BC LL	PSF	-ENG	JL	
TOT. LD.	PSF			
DUR. FAC.				
SPACING				

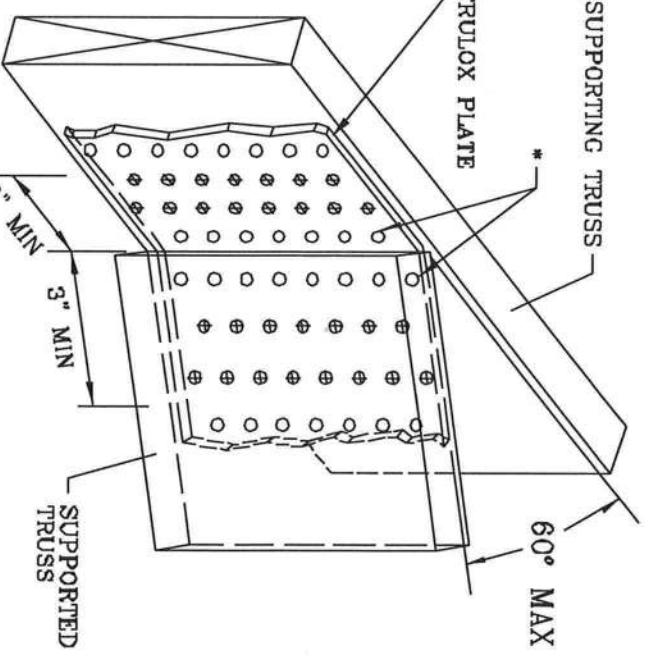
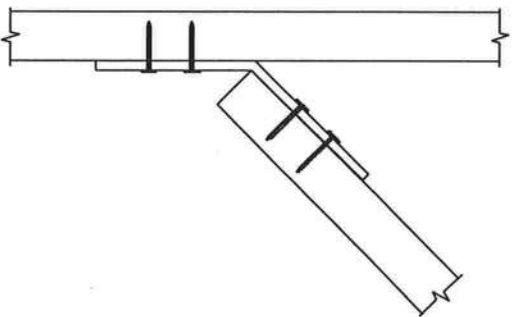
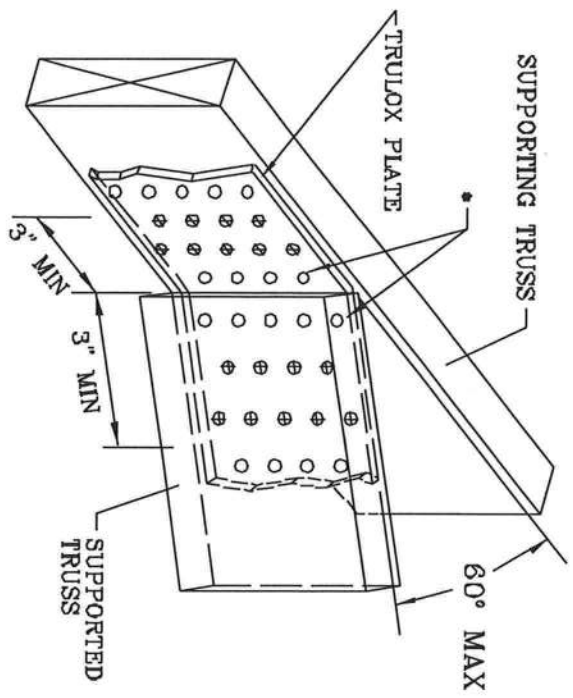
TRULOX CONNECTION DETAIL

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

* NAILS MAY BE OMITTED FROM THESE ROWS.

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

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



TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#

THIS DRAWING REPLACES DRAWINGS 1,168,989 1,158,986/R 1,154,944 1,152,217 1,152,017 1,159,154 & 1,151,524

*WARNING: TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TRUSS MANUFACTURER'S MANUAL FOR THE PROPER BRACING OF TRUSSES. THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MANASSAS, VA 20108 AND VITA LUMBER TRUSS COUNCIL THESE FUNCTIONS UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

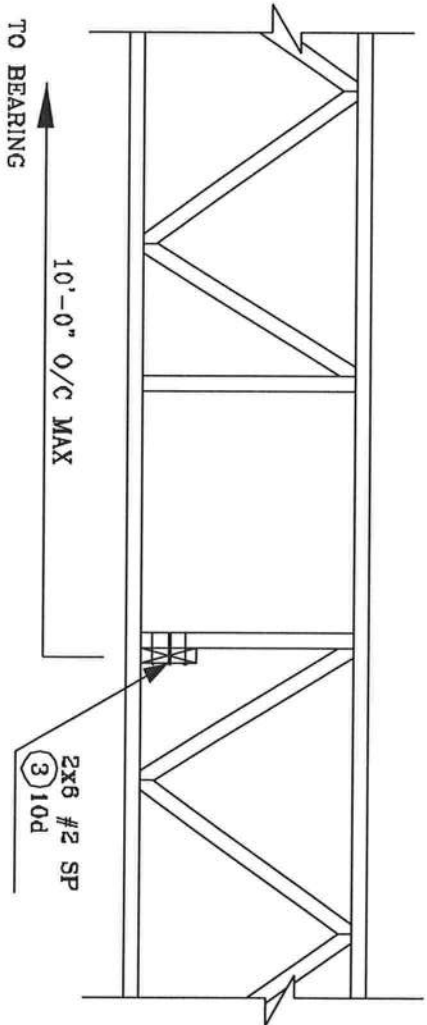
JULIUS LEE'S
 CONS. ENGINEERS P.A.

1455 SW 4th AVENUE
 DELRAY BEACH, FL 33444-2101

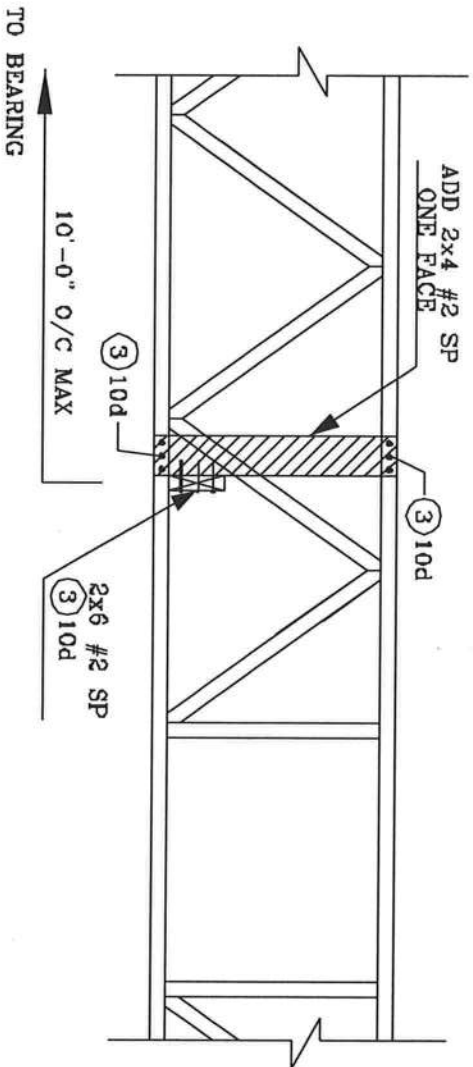
REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL

No: 34889
 STATE OF FLORIDA

STRONG BACK DETAIL
SYSTEM-42 OR FLAT TRUSS

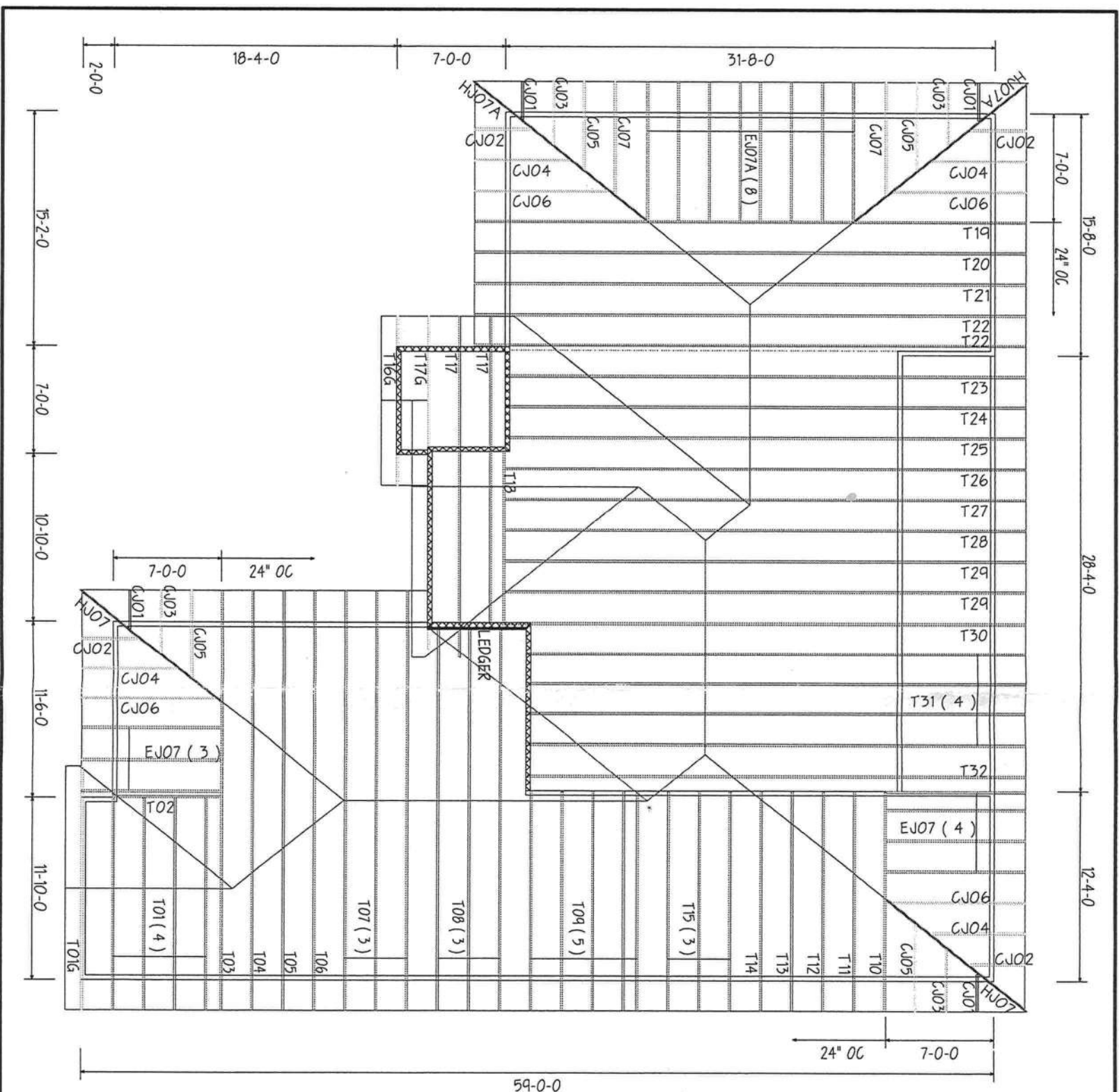


ALTERNATE DETAIL FOR
STRONG BACK WITH VERTICAL
NOT LINING UP



JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

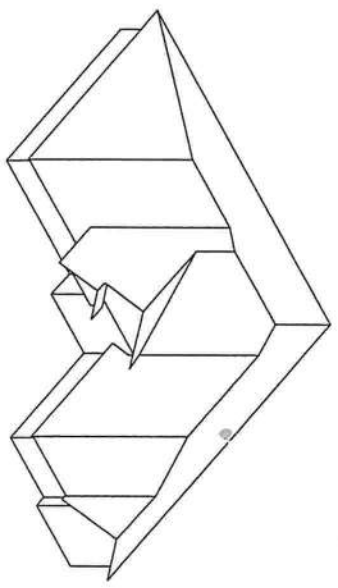
No. 34669
STATE OF FLORIDA



BEARING HEIGHT SCHEDULE

8'-1-1/8"

10'-1-1/8"



WARNING:
TRUSS HEELS BASED ON
1-6-0 OVERHANGS

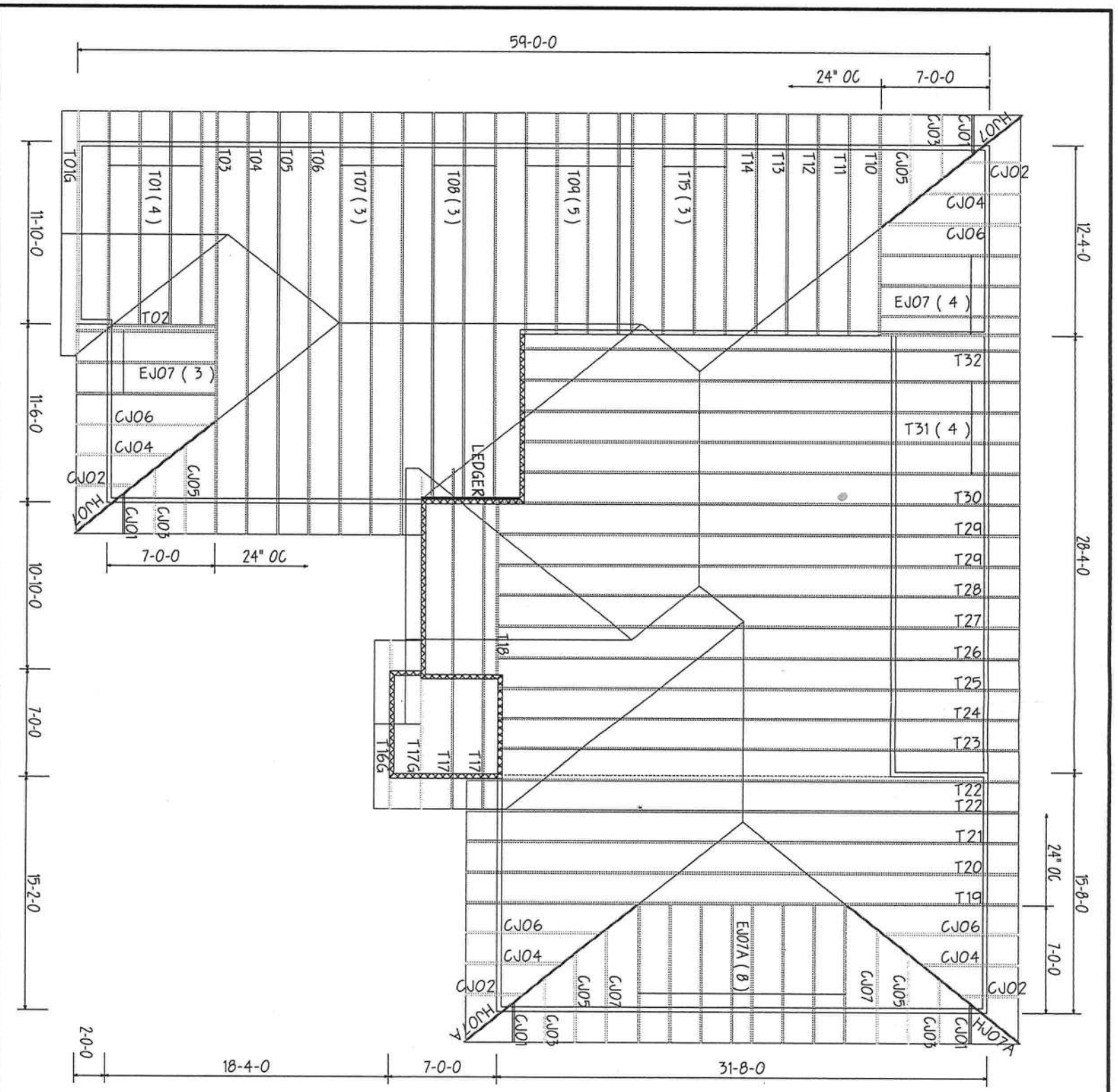
NOTES:

- 1) REFER TO 808 9 (RECOMMENDATIONS FOR BEARING HEIGHTS AND TYPICAL BRACKETS) FOR BEARING HEIGHTS AND TYPICAL BRACKETS FOR BEARING HEIGHTS.
- 2) ALL TRUSSES INCLUDING TRUSSES HAVING WALLS BEARING ON BEARING HEIGHTS SHALL BE CHECKED FOR BEARING HEIGHTS AND TYPICAL BRACKETS FOR BEARING HEIGHTS.
- 3) ALL WALLS ARE TO BE CONVENTIONALLY FINISHED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2 1/2" BROADWAY SPACING UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING UNLESS OTHERWISE NOTED.
- 6) 2x4 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) BEARING HEIGHTS SHALL BE FINISHED BY BUILDER.



Builders FirstSource
 Jacksonville
 Phone: 904-772-6300 Fax: 904-772-7473
 Durnell
 Phone: 386-437-3349 Fax: 386-437-3594
 Lake City
 Phone: 386-793-6994 Fax: 386-793-7173
 Sanford
 Phone: 407-352-0099 Fax: 407-352-5555
 Ft. Pierce
 Phone: 888-833-4941 Fax: 888-833-6833
 Treasure Coast
 Phone: 772-468-9160 Fax: 772-468-9311
 Tampa
 Phone: 813-621-9831 Fax: 813-628-8996

COMPASS BUILDERS
 LOT 50-1 ROLLING MEADOWS
 THE RAE
 DIVISION WCO L265960

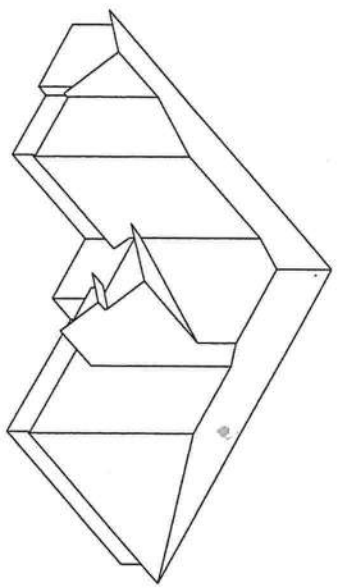


BEARING HEIGHT SCHEDULE

	8' 1-1/8"
	10' 1-1/8"

NOTES:

- 1) REFER TO HIS 91 RECOMMENDATIONS FOR BEARING HEIGHTS AND TRUSS BRACING. REFER TO DRAWING 50A-001 FOR CONNECTION DETAILS.
- 2) ALL TRUSSES INCLUDING TRUSSES ABOVE TRUSS FRAMING SHALL BE 6/200 L100. REFER TO THE TRUSS MANUFACTURER'S ALTERNATE BRACING REQUIREMENTS.
- 3) ALL WALLS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNATED FOR 2' O.C. MAXIMUM SPACING UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE UNDO BRACING UNLESS OTHERWISE NOTED.
- 6) 5/16" TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) DEWASH/ADHER/INTL. (IPN) TO BE FINISHED BY BUILDER.



WARNING:
TRUSS HEELS BASED ON
1'-6" OVERHANGS



Jacksonville
 Phone: 904-772-6000 FAX: 904-772-1873
 Durnell
 Phone: 386-437-3349 FAX: 386-437-3994
 Lake City
 Phone: 386-795-6994 FAX: 386-795-7973
 Sanford
 Phone: 407-322-0094 FAX: 407-322-9933
 Freeport
 Phone: 850-435-4241 FAX: 850-435-6939
 Treasure Coast
 Phone: 772-468-8960 FAX: 772-468-8181
 Tampa
 Phone: 813-621-9831 FAX: 813-628-8956

COMPASS BUILDERS
 LOT 56-1 ROLLING MEADOWS
 THE RAE
 DATE: NT5
 DRAWN: WCO
 L269560