Columbia County Building Permit Application

For Office Use Only Application # 0712-43 Date Received 12/13/07 By CG Permit # 15081 26585

Zoning Official BLK Date 12.12.07 Flood Zone X Pylat FEMA Map # N/A Zoning PRD

Land Use R2O Elevation N/A MFE 118.6 River N/A Plans Examiner CR JTH Date 1-7-08

Comments Elevation Confirmation Letter Required

☐ NOC ☐ EH ☐ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 07-0413 Fax 386-752-2282

Name Authorized Person Signing Permit Melanie or Linda Roder Phone 386-623-7829

Address 387 SW Kemp Ct Lake City, FL 32024

Owners Name Westfield Construction Group Phone 755-0808

911 Address 192 SW Maple Pl. Lake City, FL 32024

Contractors Name Aaron Simque Homes Phone 386-867-0692

Address P.O. Box 2183 Lake City, FL 32056

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Will Myers / Nick Geisler

Mortgage Lenders Name & Address Millenimum Bank - Gainesville FL

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

Property ID Number 03-4S-16-02731-135 Estimated Cost of Construction 220,000

Subdivision Name Preserve at Laurel Lake Lot 135 Block Unit 1 Phase

Driving Directions 90 W, TL on CR 252B, TR into Preserve, TL on SW Maple Pl, 3rd lot on right

Number of Existing Dwellings on Property 0

Construction of SFD Total Acreage .25 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 25'-9"

Actual Distance of Structure from Property Lines - Front ~~26'-0"~~ Side ~~14'-3"~~ Side ~~14'-5"~~ Rear ~~37'-2"~~

Number of Stories 1 Heated Floor Area 2600 Total Floor Area 3422 Roof Pitch 8/12

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.

left message 12/12/08 CG

Columbia County Building Permit Application

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT 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.

X _____
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.

X _____
Contractor's Signature (Permitee)

Contractor's License Number RB 29003130
Columbia County
Competency Card Number _____

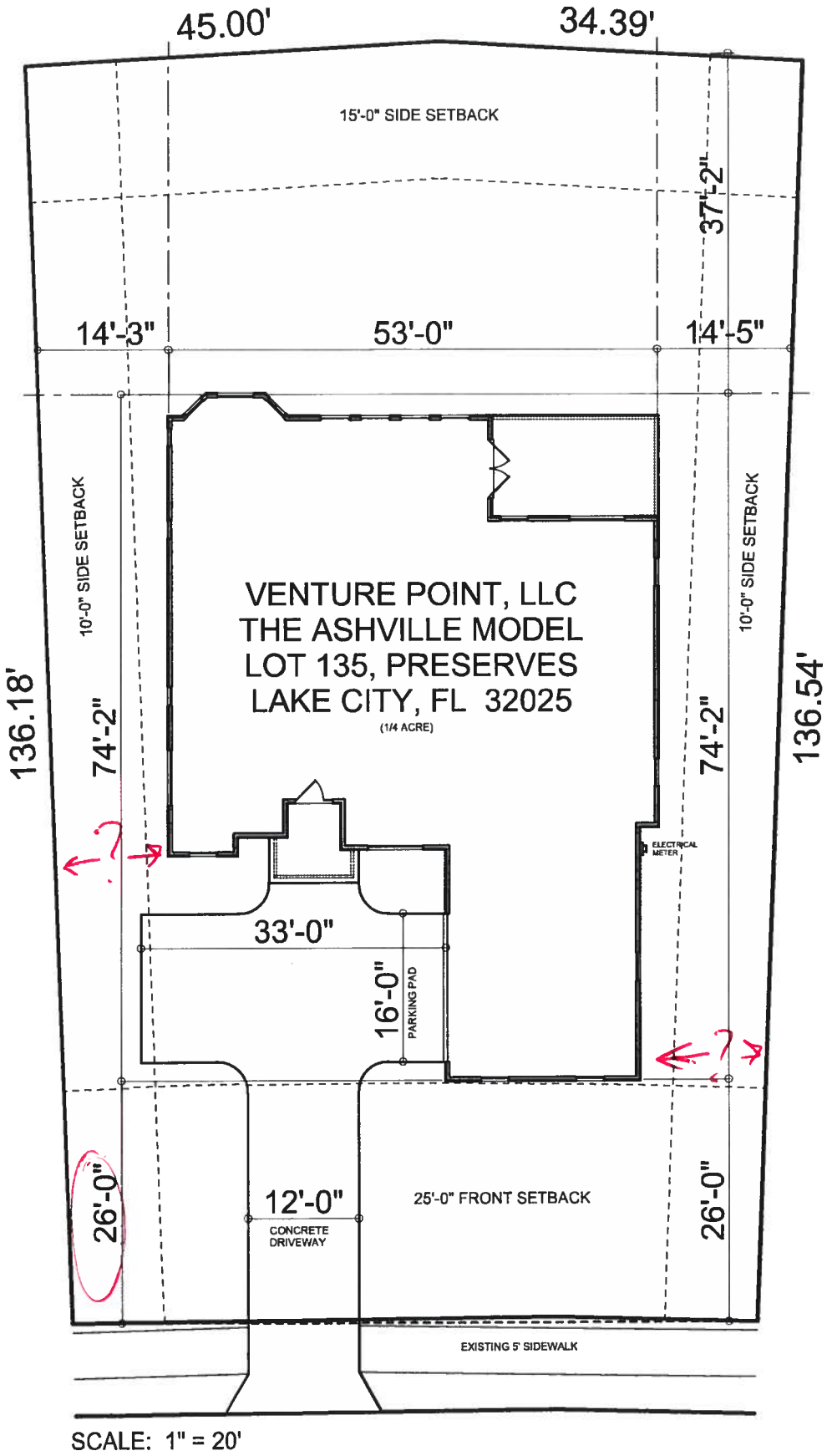
Affirmed under penalty of perjury to by the Contractor and subscribed before me this 12 **day of** Dec **20**07.

Personally known ✓ **or Produced Identification** _____

_____
State of Florida Notary Signature (For the Contractor)

SEAL:

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.
Atlantic Bonding Co., Inc.


45.00'
34.39'
15'-0" SIDE SETBACK
37'-2"
14'-3"
53'-0"
14'-5"
10'-0" SIDE SETBACK
VENTURE POINT, LLC
THE ASHVILLE MODEL
LOT 135, PRESERVES
LAKE CITY, FL 32025
(1/4 ACRE)
10'-0" SIDE SETBACK
136.18'
74'-2"
74'-2"
136.54'
ELECTRICAL METER
33'-0"
16'-0"
PARKING PAD
26'-0"
12'-0"
CONCRETE DRIVEWAY
25'-0" FRONT SETBACK
26'-0"
EXISTING 5' SIDEWALK
SCALE: 1" = 20'
SW MAPLE PLACE

07-372

1)

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:200712026517 Date:12/3/2007 Time:10:37 AM
Doc Stamp-Deed:2096.50
DC,P DeWitt Cason,Columbia County Page 1 of 2

Property Appraiser's
Identification Number Part of R 02732-003

WARRANTY DEED

This Warranty Deed, made this 28th day of November, 2007, BETWEEN RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, whose post office address is Post Office Box 3659, Lake City, FL 32056-3659, of the County of Columbia, State of Florida, grantor*, and WESTFIELD CONSTRUCTION GROUP, LLC, A Florida Limited Liability Company whose Document No. is L07000094484, whose EIN No. is [redacted] and whose post office address is Post Office Box 3566, Lake City, FL 32056-3566, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "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, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lots 125, 127, 133, 135 and 138, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

(Signature of First Witness)

(Typed Name of First Witness)

(Signature of Second Witness)

Terry McDavid

(Typed Name of Second Witness)

RESIDENTIAL DEVELOPMENT GROUP, LLC

(SEAL)
Grantor
By: DANIEL CRAPPS,
Managing Member

(SEAL)
Grantor
By: CHARLES S. SPARKS,
Managing Member

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 28th day of November, 2007, by DANIEL CRAPPS and CHARLES S. SPARKS, as Managing Members of RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, who are personally known to me and who did not take an oath.

My Commission Expires:

Notary Public
Printed, typed, or stamped name:

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

07-372

6)

THIS INSTRUMENT WAS PREPARED BY:
Melissa Jay Murphy, Esquire
Salter, Feiber, Murphy,
Hutson & Menet, P.A.
P. O. Box 357399
Gainesville, FL 32635-7399

Inst:200712026522 Date:12/3/2007 Time:10:37 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 3

NOTICE OF COMMENCEMENT

THE UNDERSIGNED, hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement:

1. Description of Property (legal description and street address if available): SEE EXHIBIT "A"

   Street address:

2. General description of improvements: Construction of single family homes.

3. Owner information:
   a. Name and Address: Westfield Construction Group, LLC
   426 SW Commerce Drive, Suite 130
   Gainesville, Florida 32056

   b. Interest in Property: **FEE SIMPLE**

   c. Name and Address of fee simple title holder (if other than owner): N/A.

4. Contractor (Name and Address): Aaron Simque c/o Aaron Simque Homes, Inc.
   P.O. Box 2183
   Lake City, Florida 32056
   Phone number: 386-867-0692

5. Surety
   a. Name and Address and phone number:
   b. Amount of Bond:$ NA

6. Lender (Name and Address): Millennium Bank
   4340 Newberry Road
   Gainesville, Florida 32607
   Phone number: 352-335-0999

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes (Name and Address):

   Phone number:

8. In addition to himself, Owner designates N/A to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes. Phone number of person or entity designated by owner:

9. Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR THE 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 AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

_____
Signature of Owner or Owner's Authorized Officer/Director, Partner/Manager

The foregoing instrument was acknowledged before me this 28th day of November, 2007 by _____. Such person(s):

( ) is/are personally known to me.
( ) produced a current Florida Driver's license as identification.
( ) produced _____ as identification.

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

_____
Print Name: Terry McDavid
Notary Public, State of Florida
My Commission Expires:
Serial Number, if any:_____

(SEAL)

VERIFICATION PURSUANT TO SECTION 95.525, FLORIDA STATUTES

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

_____
Signature of person signing above

F:\MJM\Lenders\Millennium\Westfield Construction Group, LLC\notice of commencement 2007.doc

EXHIBIT "A"

Lots 135 and 138, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25, public records of Columbia County, Florida.

Notice of Authorization

I, Aaron Simque, do hereby authorize Melanie Roder or Linda Roder,

To be my representative and act on my behalf in all aspects of applying for a

Building permit to be located in Columbia County.

Contractor's signature

12-13-07
Date

Sworn and subscribed before me this 12 day of Dec, 2007

Notary Public

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Personally known ✓
Produced ID (Type): _____

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 11/30/2007 **DATE ISSUED:** 12/2/2007

ENHANCED 9-1-1 ADDRESS:

192 SW MAPLE PL
LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

03-4S-16-02731-135

Remarks:

LOT 135 PRESERVE AT LAUREL LAKE UNIT 1

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

Approved Address

1041

DEC 0 2 2007

911Addressing/GIS Dept

FORM 600A-2004R

EnergyGauge® 4.5..

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Venture Point LLC - The Ashville Model**	Builder:	**Aaron Simque Homes**
Address:	**Lot: 135, Sub: Preserves, Plat:**	Permitting Office:	Columbia
City, State:	**Lake City, FL 32025-**	Permit Number:	26585
Owner:	**Spec House**	Jurisdiction Number:	221000
Climate Zone:	**North**		

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	4	
5. Is this a worst case?	No	
6. Conditioned floor area (ft²)	2600 ft²	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 388.7 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 388.7 ft²	
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=5.0, 212.0(p) ft	
b. N/A		
c. N/A		
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1481.3 ft²	
b. Frame, Wood, Adjacent	R=13.0, 189.0 ft²	
c. N/A		
d. N/A		
e. N/A		
10. Ceiling types		
a. Under Attic	R=30.0, 2750.0 ft²	
b. N/A		
c. N/A		
11. Ducts		
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 65.0 ft	
b. N/A		

12. Cooling systems		
a. Central Unit	Cap: 54.0 kBtu/hr SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 54.0 kBtu/hr HSPF: 7.70	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 80.0 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: 0.15

Total as-built points: 32947

Total base points: 33865

PASS

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

PREPARED BY: _____

DATE: 11/28/07

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

OWNER/AGENT: _____

DATE: _____

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.

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FORM 600A-2004R

EnergyGauge® 4.5.2

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 135, Sub: Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2600.0	18.59	8700.0	1.Double, Clear	W	1.5	10.0	30.0	38.52	0.98	1131.0	
				2.Double, Clear	W	1.5	10.0	24.0	38.52	0.98	905.0	
				3.Double, Clear	W	1.5	10.0	80.0	38.52	0.98	3017.0	
				4.Double, Clear	N	19.5	10.0	40.0	19.20	0.63	480.0	
				5.Double, Clear	W	12.5	10.0	45.0	38.52	0.48	828.0	
				6.Double, Clear	N	1.5	9.0	30.0	19.20	0.98	561.0	
				7.Double, Clear	E	1.5	18.0	45.0	42.06	1.00	1884.0	
				8.Double, Clear	E	1.5	8.0	16.0	42.06	0.96	644.0	
				9.Double, Clear	E	1.5	8.0	16.0	42.06	0.96	644.0	
				10.Double, Clear	E	9.5	14.0	6.7	42.06	0.62	175.0	
				11.Double, Clear	S	1.5	10.0	20.0	35.87	0.96	688.0	
				12.Double, Clear	S	1.5	10.0	30.0	35.87	0.96	1033.0	
				13.Double, Clear	S	1.5	10.0	6.0	35.87	0.96	206.0	
				As-Built Total:				**388.7**			**12196.0**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	189.0	0.70	132.3	1. Frame, Wood, Exterior	13.0	1481.3	1.50	2222.0
Exterior	1481.3	1.70	2518.2	2. Frame, Wood, Adjacent	13.0	189.0	0.60	113.4
Base Total:	**1670.3**		**2650.5**	**As-Built Total:**		**1670.3**		**2335.4**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	18.0	2.40	43.2	1.Exterior Insulated	20.0	4.10	82.0
Exterior	20.0	6.10	122.0	2.Adjacent Insulated	18.0	1.60	28.8
Base Total:	**38.0**		**165.2**	**As-Built Total:**	**38.0**		**110.8**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	2600.0	1.73	4498.0	1. Under Attic	30.0	2750.0	1.73 X 1.00	4757.5
Base Total:	**2600.0**		**4498.0**	**As-Built Total:**		**2750.0**		**4757.5**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	212.0(p)	-37.0	-7844.0	1. Slab-On-Grade Edge Insulation	5.0	212.0(p	-36.20	-7674.4
Raised	0.0	0.00	0.0					
Base Total:			**-7844.0**	**As-Built Total:**		**212.0**		**-7674.4**

FORM 600A-2004R

EnergyGauge® 4.5.2

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 135, Sub: Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points				Area X	SPM	= Points	
	2600.0	10.21	26546.0				2600.0	10.21	26546.0	
Summer Base Points: 34715.7				**Summer As-Built Points:**						**38271.2**
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	
				(sys 1: Central Unit 54000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
34715.7	0.3250	11282.6		38271 **38271.2**	1.00 **1.00**	(1.09 x 1.147 x 1.00) **1.250**	0.260 **0.260**	0.950 **0.950**	11818.4 **11818.4**	

FORM 600A-2004R

EnergyGauge® 4.5.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 135, Sub: Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	2600.0	20.17	9440.0	1.Double, Clear	W	1.5	10.0	30.0	20.73	1.01	625.0
				2.Double, Clear	W	1.5	10.0	24.0	20.73	1.01	500.0
				3.Double, Clear	W	1.5	10.0	80.0	20.73	1.01	1667.0
				4.Double, Clear	N	19.5	10.0	40.0	24.58	1.02	1007.0
				5.Double, Clear	W	12.5	10.0	45.0	20.73	1.19	1110.0
				6.Double, Clear	N	1.5	9.0	30.0	24.58	1.00	737.0
				7.Double, Clear	E	1.5	18.0	45.0	18.79	1.01	850.0
				8.Double, Clear	E	1.5	8.0	16.0	18.79	1.02	306.0
				9.Double, Clear	E	1.5	8.0	16.0	18.79	1.02	306.0
				10.Double, Clear	E	9.5	14.0	6.7	18.79	1.19	148.0
				11.Double, Clear	S	1.5	10.0	20.0	13.30	1.01	269.0
				12.Double, Clear	S	1.5	10.0	30.0	13.30	1.01	403.0
				13.Double, Clear	S	1.5	10.0	6.0	13.30	1.01	80.0
				As-Built Total:				**388.7**			**8008.0**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	189.0	3.60	680.4	1. Frame, Wood, Exterior	13.0	1481.3	3.40	5036.4
Exterior	1481.3	3.70	5480.8	2. Frame, Wood, Adjacent	13.0	189.0	3.30	623.7
Base Total:	**1670.3**		**6161.2**	**As-Built Total:**		**1670.3**		**5660.1**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	18.0	11.50	207.0	1.Exterior Insulated	20.0	8.40	168.0
Exterior	20.0	12.30	246.0	2.Adjacent Insulated	18.0	8.00	144.0
Base Total:	**38.0**		**453.0**	**As-Built Total:**	**38.0**		**312.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	2600.0	2.05	5330.0	1. Under Attic	30.0	2750.0	2.05 X 1.00	5637.5
Base Total:	**2600.0**		**5330.0**	**As-Built Total:**		**2750.0**		**5637.5**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	212.0(p)	8.9	1886.8	1. Slab-On-Grade Edge Insulation	5.0	212.0(p	7.60	1611.2
Raised	0.0	0.00	0.0					
Base Total:			**1886.8**	**As-Built Total:**		**212.0**		**1611.2**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 135, Sub: Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	2600.0	-0.59	-1534.0		2600.0	-0.59	-1534.0			
Winter Base Points:			**21737.0**	**Winter As-Built Points:**						**19694.8**
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
				(sys 1: Electric Heat Pump 54000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
21737.0		0.5540	12042.3	19694.8 **19694.8**		1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.443 **0.443**	0.950 **0.950**	10354.6 **10354.6**

FORM 600A-2004R

EnergyGauge® 4.5.2

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 135, Sub: Preserves, 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 Ratio	X Multiplier	X Credit Multiplier	= Total	
4		2635.00	10540.0	80.0	0.90	4	1.00	2693.56	1.00	10774.2	
				As-Built Total:						**10774.2**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
11283	**12042**	**10540**	**33865**	**11818**	**10355**	**10774**	**32947**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 135, Sub: Preserves, 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 cir 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* = 85.0

The higher the score, the more efficient the home.

Spec House, Lot: 135, Sub: Preserves, Plat: , Lake City, FL, 32025-

1.	New construction or existing	New		12.	Cooling systems
2.	Single family or multi-family	Single family		a.	Central Unit	Cap: 54.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	4		b.	N/A	
5.	Is this a worst case?	No				
6.	Conditioned floor area (ft²)	2600 ft²		c.	N/A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 388.7 ft²		a.	Electric Heat Pump	Cap: 54.0 kBtu/hr
b.	SHGC:					HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (Clear) 388.7 ft²		b.	N/A	
8.	Floor types					
a.	Slab-On-Grade Edge Insulation	R=5.0, 212.0(p) ft		c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 80.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 1481.3 ft²				EF: 0.90
b.	Frame, Wood, Adjacent	R=13.0, 189.0 ft²		b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 2750.0 ft²		15.	HVAC credits	PT,
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 65.0 ft			MZ-C-Multizone cooling,	
b.	N/A				MZ-H-Multizone heating)	

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.

Attn: Meggie

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001508

DATE: 01/07/2008 BUILDING PERMIT NO. 26585

APPLICANT MELANIE RODER PHONE 623-7829

ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024

OWNER WESTFIELD GROUP PHONE 755-0808

ADDRESS 192 SW MAPLE PLACE LAKE CITY FL 32024

CONTRACTOR AARON SIMQUE PHONE 867-0692

LOCATION OF PROPERTY 90W. TL ON 252B. TR ON ROSEMARY PLACE, TL ON MAPLE PLACE.

3RD LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PRESERVE AT LAUREL L 135

PARCEL ID # 03-4S-16-02731-135

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Melanie Roder

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: [signature] DATE: 1-10-08

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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

COLUMBIA COUNTY FLORIDA

BAILEY BISHOP & LANE, INC.

Engineers *Surveyors* *Planners*

January 11, 2008

#26585

Mr. Aaron Simque

RE: ELEVATION LETTER

Dear Mr. Simque,

We have performed a vertical survey on the foundation located at lot 135 Preserve at Laurel Lake, Unit 1, Columbia County, Florida and have determined the following:

The Subdivision plat requires the minimum finish floor elevation to be 118.6'.
That field located finish floor elevation is 118.6', being at the required elevation.

Should you have any questions, please do not hesitate to give me a call

Sincerely,

Brian Scott Daniel, PSM
Director of Surveying
BAILEY BISHOP & LANE

P. O. Box 3717	Lake City, FL 32056-3717	Ph. (386) 752-5640	FAX (386) 755-7771
P. O. Box 814	Port St. Joe, FL 32457	Ph. (850) 227-9449	FAX (850) 227-9650
1835 Fiddler Court	Tallahassee, FL 32308	Ph. (850) 894-1200	FAX (850) 894-0200

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CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 03-4S-16-02731-135 **Building permit No.** 000026585

Use Classification SFD,UTILITY **Fire:** 6.42

Permit Holder AARON SIMQUE **Waste:** 16.75

Owner of Building WESTFIELD GROUP **Total:** 23.17

Location: 192 SW MAPLE PLACE, LAKE CITY, FL

Date: 09/05/2008

Wayne A. Rush

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Builders FirstSource

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

Project Information for: L262252

Builder: Aaron Simque Home, Inc.
Lot : 135
Subdivision: The Preserves
County: Columbia
Truss Count: 75
Design Program: MiTek 20/20 6.3

Truss Design Load Information:

Gravity:
Roof (psf):42.0
Floor (psf): N/A

Wind:
Wind Standard: ASCE 7-02
Wind Speed (mph): 110

Building Code:FBC2004/TPI2002

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

Contractor of Record, responsible for the Structural Engineering:
Aaron D. Simque Florida Contractor License No.RB29003130
Address: P.O. Box 2183 Lake City, Florida 32056

Truss Design Engineer: Julius Lee, PE Florida P.E. License No. 34869
Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

Notes:

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

#	Truss ID	Dwg. #	Seal Date
1	CJ1	J1916162	12/11/07
2	CJ1A	J1916163	12/11/07
3	CJ3	J1916164	12/11/07
4	CJ3A	J1916165	12/11/07
5	CJ5	J1916166	12/11/07
6	CJ5A	J1916167	12/11/07
7	EJ2	J1916168	12/11/07
8	EJ2A	J1916169	12/11/07
9	EJ2B	J1916170	12/11/07
10	EJ2C	J1916171	12/11/07
11	EJ7	J1916172	12/11/07
12	HJ2	J1916173	12/11/07
13	HJ2A	J1916174	12/11/07
14	HJ9	J1916175	12/11/07
15	PB1	J1916176	12/11/07
16	PB1A	J1916177	12/11/07
17	PB2	J1916178	12/11/07
18	PB3	J1916179	12/11/07
19	T01	J1916180	12/11/07
20	T01G	J1916181	12/11/07
21	T02	J1916182	12/11/07
22	T03	J1916183	12/11/07
23	T04	J1916184	12/11/07
24	T05	J1916185	12/11/07
25	T06	J1916186	12/11/07
26	T07	J1916187	12/11/07
27	T08	J1916188	12/11/07
28	T08A	J1916189	12/11/07
29	T09	J1916190	12/11/07
30	T10	J1916191	12/11/07
31	T11	J1916192	12/11/07
32	T12	J1916193	12/11/07
33	T13	J1916194	12/11/07
34	T14	J1916195	12/11/07
35	T15	J1916196	12/11/07
36	T16	J1916197	12/11/07
37	T17	J1916198	12/11/07
38	T18	J1916199	12/11/07
39	T19	J1916200	12/11/07
40	T20	J1916201	12/11/07
41	T21	J1916202	12/11/07
42	T22	J1916203	12/11/07
43	T23	J1916204	12/11/07
44	T23G	J1916205	12/11/07
45	T24	J1916206	12/11/07
46	T24G	J1916207	12/11/07
47	T25	J1916208	12/11/07
48	T26	J1916209	12/11/07
49	T27	J1916210	12/11/07
50	T28	J1916211	12/11/07
51	T29	J1916212	12/11/07
52	T30	J1916213	12/11/07
53	T31	J1916214	12/11/07
54	T32	J1916215	12/11/07
55	T33	J1916216	12/11/07
56	T34	J1916217	12/11/07
57	T35	J1916218	12/11/07
58	T36	J1916219	12/11/07
59	T37	J1916220	12/11/07
60	T38	J1916221	12/11/07
61	T39	J1916222	12/11/07
62	T40	J1916223	12/11/07
63	T41	J1916224	12/11/07
64	T41G	J1916225	12/11/07
65	T42	J1916226	12/11/07
66	T43	J1916227	12/11/07
67	T44	J1916228	12/11/07
68	T45	J1916229	12/11/07
69	T46	J1916230	12/11/07
70	T47	J1916231	12/11/07
71	T47G	J1916232	12/11/07
72	T48	J1916233	12/11/07
73	T49	J1916234	12/11/07
74	T50	J1916235	12/11/07
75	T51	J1916236	12/11/07

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916162
L262252	CJ1	JACK	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:43 2007 Page 1

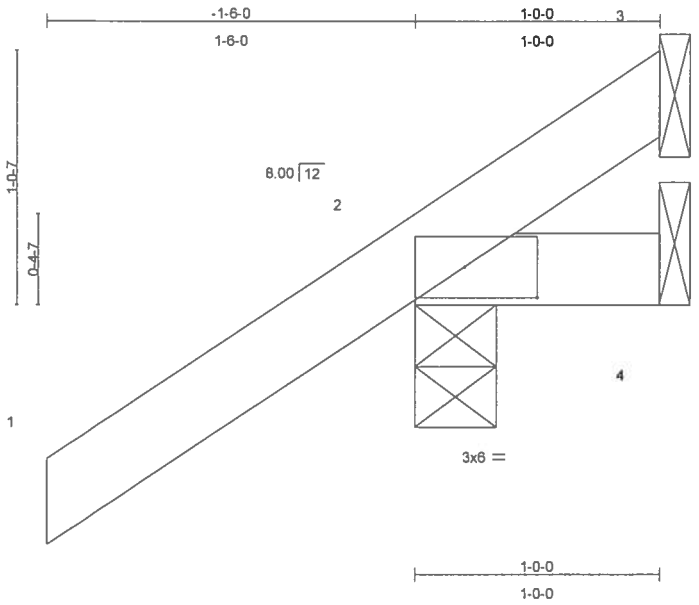


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	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 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=180/0-4-0, 4=5/Mechanical, 3=-41/Mechanical
Max Horz 2=94(load case 6)
Max Uplift 2=-201(load case 6), 4=-11(load case 4), 3=-41(load case 1)
Max Grav 2=180(load case 1), 4=14(load case 2), 3=70(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-55/48
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.12

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34985
1480 Colonial Blvd
Fort Myers, FL 33907

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916162
L262252	CJ1	JACK	5	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 201 lb uplift at joint 2, 11 lb uplift at joint 4 and 41 lb uplift at joint 3.

LOAD CASE(S) Standard

[illegible]

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916163
L262252	CJ1A	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:44 2007 Page 1

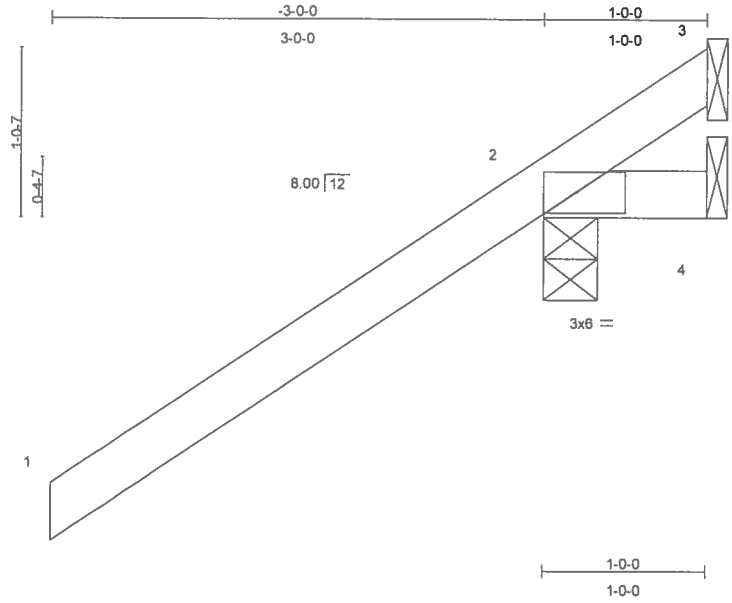


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	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 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=455/0-4-0, 4=5/Mechanical, 3=-235/Mechanical
Max Horz 2=159(load case 6)
Max Uplift 2=-585(load case 6), 4=-11(load case 4), 3=-235(load case 1)
Max Grav 2=455(load case 1), 4=14(load case 2), 3=369(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/89, 2-3=-171/255
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.32

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

December 11,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916163
L262252	CJ1A	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 585 lb uplift at joint 2, 11 lb uplift at joint 4 and 235 lb uplift at joint 3.

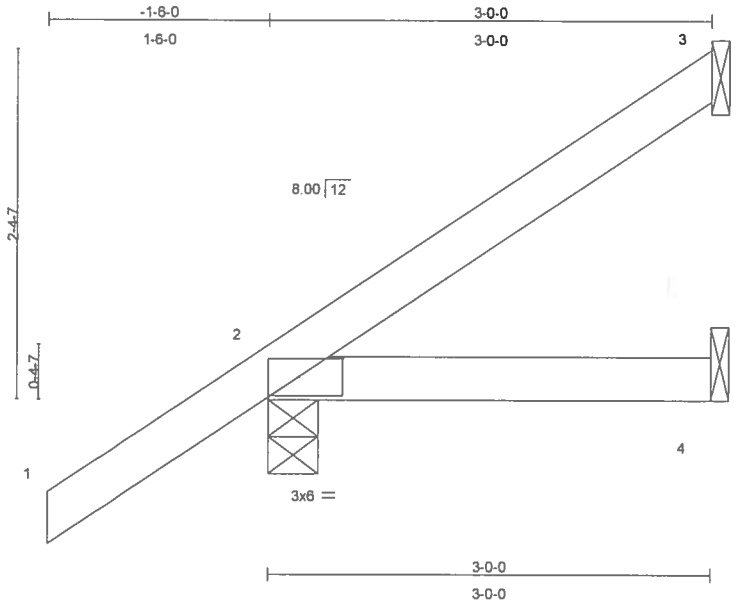
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
105 Serene Bay Blvd
Ponte Vedra, FL 32082

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916164
L262252	CJ3	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:44 2007 Page 1



Scale = 1:14.8

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

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

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

REACTIONS (lb/size) 3=48/Mechanical, 2=206/0-4-0, 4=14/Mechanical
Max Horz 2=154(load case 6)
Max Uplift 3=-47(load case 6), 2=-177(load case 6), 4=-33(load case 4)
Max Grav 3=48(load case 1), 2=206(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-60/19
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.12

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

Julius Lee
Truss Design Engineer
Truss FS No. 24107
1102 Central Bay Blvd
Daytona Beach, FL 32114

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916164
L262252	CJ3	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 3, 177 lb uplift at joint 2 and 33 lb uplift at joint 4.

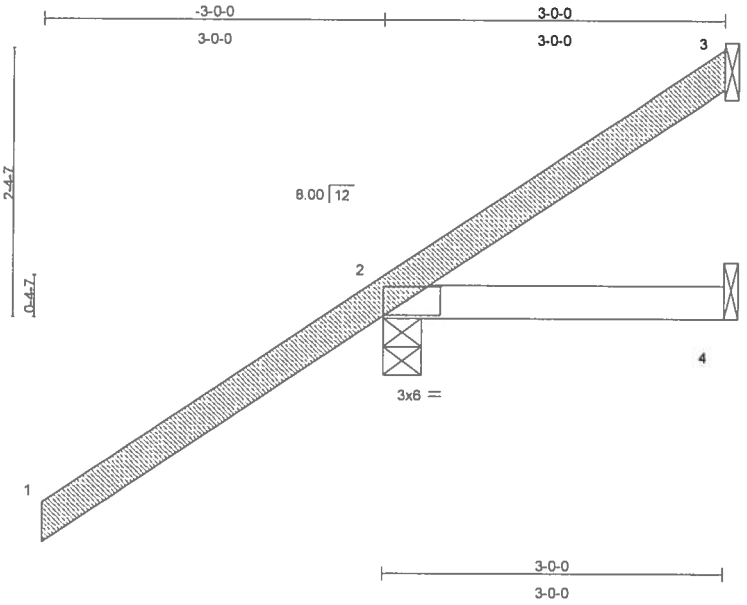
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Coastal Bay Blvd
Ocean Isle, NC 28469

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916165
L262252	CJ3A	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:45 2007 Page 1



Scale = 1:19.2

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
LBR SCAB 1-3 2 X 4 SYP No.2 one side

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

REACTIONS (lb/size) 3=-23/Mechanical, 2=357/0-4-0, 4=14/Mechanical
Max Horz 2=219(load case 6)
Max Uplift 3=-23(load case 1), 2=-369(load case 6), 4=-33(load case 4)
Max Grav 3=60(load case 6), 2=357(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/90, 2-3=-101/41
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
1 = 0.00, 1 = 0.00, 2 = 0.22, 2 = 0.00, 3 = 0.00 and 3 = 0.00

NOTES
1) Attached 7-4-14 scab 1 to 3, front face(s) 2 X 4 SYP No.2 with 1 row(s) of 10d (0.131"x3") nails spaced 9" o.c..
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916165
L262252	CJ3A	JACK	1	1	Job Reference (optional)

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 23 lb uplift at joint 3, 369 lb uplift at joint 2 and 33 lb uplift at joint 4.

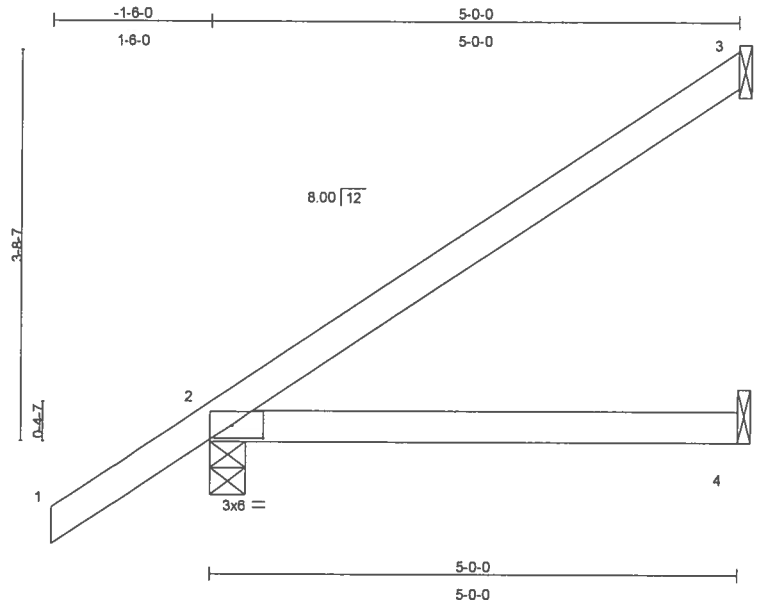
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34927
1900 Crestal Bay Blvd
Lovton Beach, FL 32405

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916166
L262252	CJ5	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:46 2007 Page 1



Scale = 1:20.6

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	0.09	2-4	>671	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 19 lb	

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

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

REACTIONS (lb/size) 3=113/Mechanical, 2=258/0-4-0, 4=24/Mechanical
Max Horz 2=215(load case 6)
Max Uplift 3=-122(load case 6), 2=-198(load case 6), 4=-56(load case 4)
Max Grav 3=113(load case 1), 2=258(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-100/50
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.14

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916166
L262252	CJ5	JACK	1	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 122 lb uplift at joint 3, 198 lb uplift at joint 2 and 56 lb uplift at joint 4.

LOAD CASE(S) Standard

Julius Lee
Texas License Engineer
Florida PE No. 34869
105 Coastal Bay Blvd
Devine, Texas, TX 78016

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916167
L262252	CJ5A	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:46 2007 Page 1

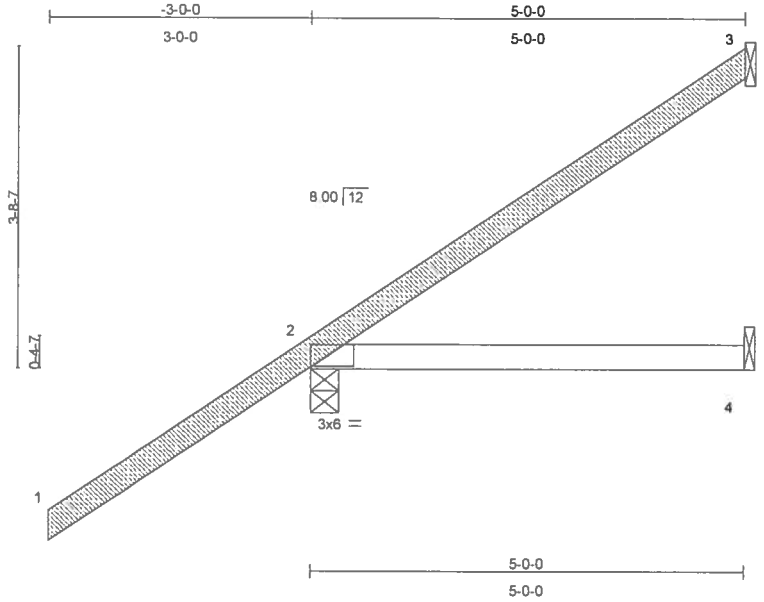


Plate Offsets (X,Y): [2:0-3-9,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	0.09	2-4	>671	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 37 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
LBR SCAB 1-3 2 X 4 SYP No.2 one side

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

REACTIONS (lb/size) 3=72/Mechanical, 2=380/0-4-0, 4=24/Mechanical
Max Horz 2=280(load case 6)
Max Uplift 3=-66(load case 7), 2=-344(load case 6), 4=-56(load case 4)
Max Grav 3=72(load case 1), 2=380(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/90, 2-3=-106/27
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
1 = 0.00, 1 = 0.00, 2 = 0.22, 2 = 0.00, 3 = 0.00 and 3 = 0.00

NOTES
1) Attached 9-9-11 scab 1 to 3, front face(s) 2 X 4 SYP No.2 with 1 row(s) of 10d (0.131"x3") nails spaced 9" o.c..
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *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. 34869
1326 Cantrell Bay Blvd
Destin, FL 32541

December 11,2007

Continued on 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 66 lb uplift at joint 3, 344 lb uplift at joint 2 and 56 lb uplift at joint 4.

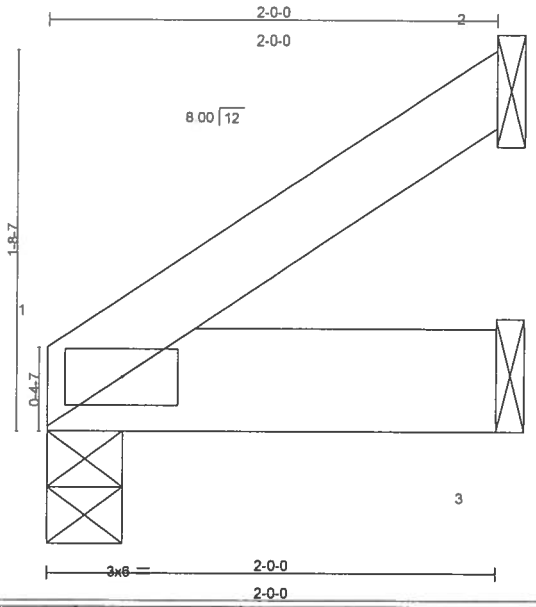
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1105 Kensington Park Blvd
Ocoee, Florida 34761

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916168
L262252	EJ2	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:47 2007 Page 1



Scale = 1:9.7

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.05	Vert(LL)	-0.00	1	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.00	1-3	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	2	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 6 SYP No.1D

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

REACTIONS (lb/size) 1=228/0-4-0, 3=175/Mechanical, 2=53/Mechanical
Max Horz 1=60(load case 5)
Max Uplift 1=-96(load case 5), 3=-79(load case 3), 2=-57(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-39/23
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.02

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) *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 96 lb uplift at joint 1, 79 lb uplift at joint 3 and 57 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Julius Lee
Truss Design Engineer
Florida PE No. 34927
1155 Emmet Ray Blvd
Oviedo, FL 32765

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916168
L262252	EJ2	JACK	1	1	Job Reference (optional)

LOAD CASE(S) Standard

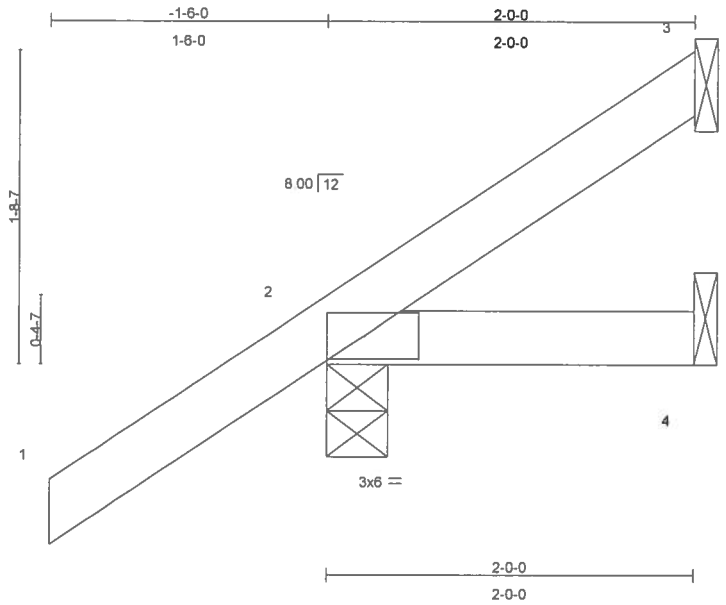
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 1-3=-179(F=-169)

Julius Lee
Truss Design Engineer
Florida PE No. 34927
1109 Corbel Bay Blvd
Lawton Creek, FL 32043

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916169
L262252	EJ2A	MONO TRUSS	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:47 2007 Page 1



Scale = 1:11.8

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

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

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

REACTIONS (lb/size) 2=178/0-4-0, 4=10/Mechanical, 3=20/Mechanical
Max Horz 2=125(load case 6)
Max Uplift 2=-143(load case 6), 3=-23(load case 7)
Max Grav 2=178(load case 1), 4=29(load case 2), 3=24(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/44, 2-3=-49/13
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.11

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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. 47447
1105 Emerald Bay Road
Guyton, Georgia 31312

December 11,2007

Continued on page 2

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916169
L262252	EJ2A	MONO TRUSS	3	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 143 lb uplift at joint 2 and 23 lb uplift at joint 3.

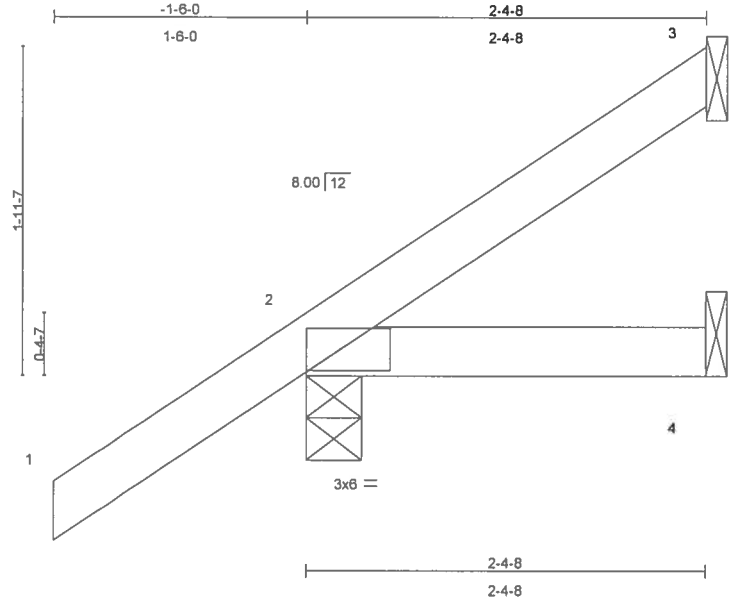
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1855 Crandall Bay Blvd
Lewisville, TX 75056

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916170
L262252	EJ2B	MONO TRUSS	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:48 2007 Page 1



Scale = 1:12.9

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 11 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-4-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=23/Mechanical, 2=194/0-4-0, 4=11/Mechanical
Max Horz 2=135(load case 6)
Max Uplift 3=-28(load case 7), 2=-150(load case 6)
Max Grav 3=25(load case 4), 2=194(load case 1), 4=32(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-55/14
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.11

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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. 34869
1106 Coastal Bay Blvd
Ocean Beach, FL 32068

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916170
L262252	EJ2B	MONO TRUSS	3	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3 and 150 lb uplift at joint 2.

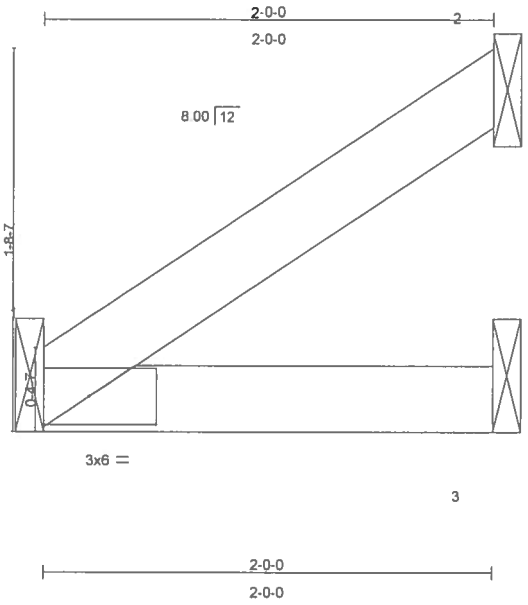
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No 34863
1109 Kendall Bay Run
Vero Beach, FL 32963

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916171
L262252	EJ2C	MONO TRUSS	6	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:48 2007 Page 1



Scale = 1:9.7

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.05	Vert(LL)	-0.00	1	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	1-3	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

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

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

REACTIONS (lb/size) 1=63/Mechanical, 3=10/Mechanical, 2=53/Mechanical
Max Horz 1=63(load case 6)
Max Uplift 1=-9(load case 6), 2=-59(load case 6)
Max Grav 1=63(load case 1), 3=30(load case 2), 2=53(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-46/24
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.03

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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. 34869
1180 Corbel Bay Blvd
Lovnion Beach, FL 33436

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916171
L262252	EJ2C	MONO TRUSS	6	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint 1 and 59 lb uplift at joint 2.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34927
1326 Commerce Pky Blvd
Lawton Green, FL 32043

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916172
L262252	EJ7	MONO TRUSS	5	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 08:31:47 2007 Page 1

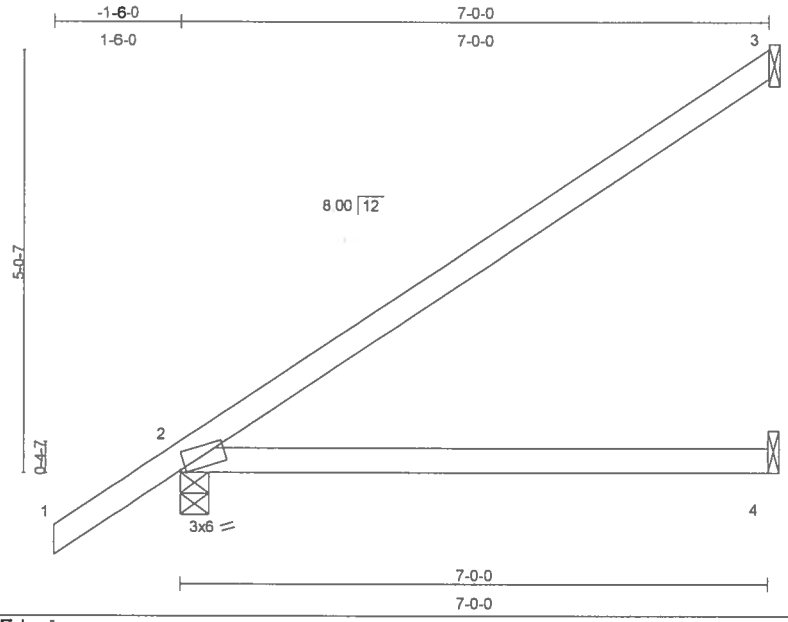


Plate Offsets (X,Y): [2:0-0-12,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	0.34	2-4	>239	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.47	Vert(TL)	-0.17	2-4	>479	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=157/Mechanical, 2=318/0-4-0, 4=49/Mechanical
Max Horz 2=198(load case 6)
Max Uplift 3=-116(load case 6), 2=-175(load case 6), 4=-69(load case 6)
Max Grav 3=157(load case 1), 2=318(load case 1), 4=95(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-147/68
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.68

Julius Lee
Florida PE No. 34927
1106 Coastal Bay Blvd
Ocean Isle Beach, NC 28469

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 116 lb uplift at joint 3, 175 lb uplift at joint 2 and 69 lb uplift at joint 4.

LOAD CASE(S) Standard

December 11,2007

Julius Lee
Truss Design Engineer
Florida PE No. 54888
1100 Cornell Parkway Blvd
Oviedo, FL 32765

December 11,2007

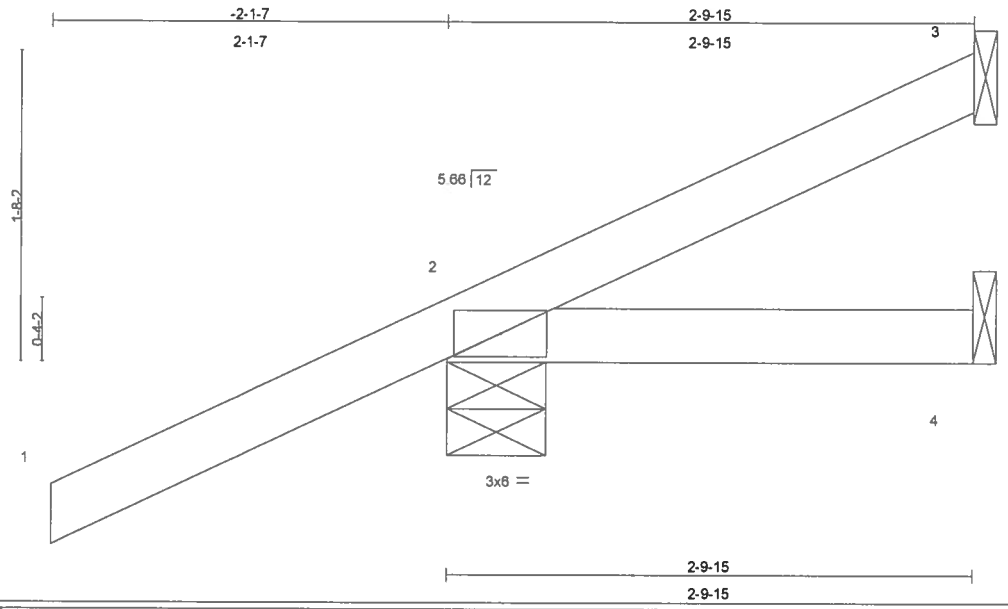
Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE

This design is based only upon the parameters shown for an individual building component that is installed and loaded vertically and fabricated with MiTek connectors. Applicability of design parameters and proper incorporation of component into the overall building structure, including all temporary and permanent bracing, is the responsibility of building designer and / or contractor per ANSI / TPI 1 as referenced by the building 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

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916173
L262252	HJ2	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:49 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-28/Mechanical, 2=213/0-6-7, 4=6/Mechanical
Max Horz 2=78(load case 5)
Max Uplift 3=-28(load case 1), 2=-206(load case 5)
Max Grav 3=60(load case 3), 2=213(load case 1), 4=31(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-38/28
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3 and 206 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1103 Central Bay Blvd
Destin, FL 32541

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916173
L262252	HJ2	JACK	2	1	Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-2=-54
   Trapezoidal Loads (plf)
      Vert: 2=-4(F=25, B=25)-to-3=-38(F=8, B=8), 2=0(F=5, B=5)-to-4=-7(F=1, B=1)

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916174
L262252	HJ2A	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:50 2007 Page 1

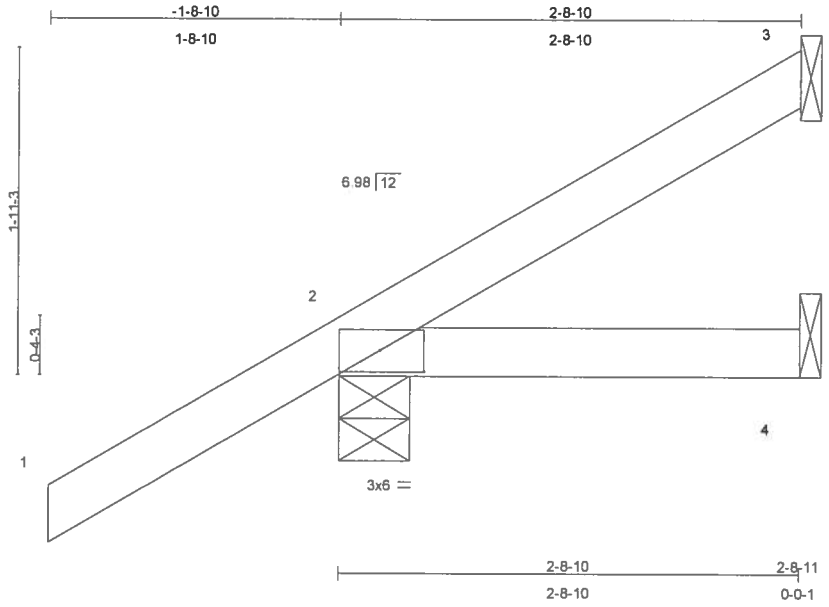


Plate Offsets (X,Y): [2:0-3-2,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 12 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-8-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-9/Mechanical, 2=166/0-5-0, 4=6/Mechanical
Max Horz 2=73(load case 5)
Max Uplift 3=-9(load case 1), 2=-151(load case 5)
Max Grav 3=78(load case 3), 2=166(load case 1), 4=30(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-32/42
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) *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 9 lb uplift at joint 3 and 151 lb uplift at joint 2.

Julius Lee
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Florida PE No. 34927
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Ocoee, FL 34761

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916174
L262252	HJ2A	JACK	2	1	Job Reference (optional)

NOTES

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

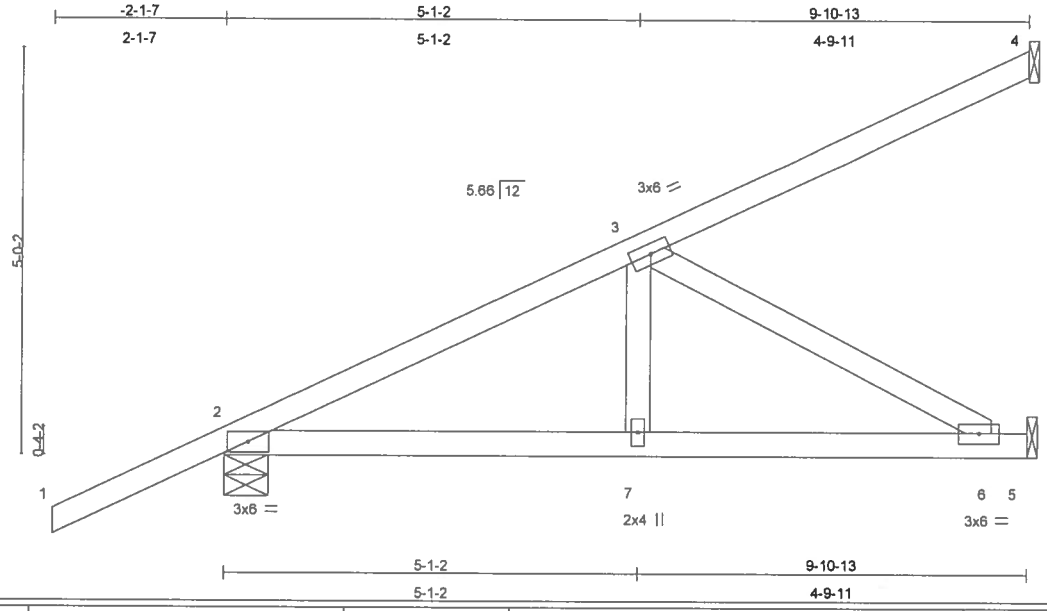
Vert: 2=-3(F=26, B=26)-to-3=-38(F=8, B=8), 2=-0(F=5, B=5)-to-4=-7(F=1, B=1)

Julius Lee
Truss Design Engineer
Florida PE No 34927
1109 Carmel Bay Blvd
Panama City, FL 32405

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916175
L262252	HJ9	MONO TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:50 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.06	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.07	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.23	Horz(TL)	-0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 45 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 9-2-1 oc bracing.

REACTIONS (lb/size) 4=232/Mechanical, 2=409/0-6-7, 5=263/Mechanical
Max Horz 2=344(load case 5)
Max Uplift 4=-235(load case 5), 2=-306(load case 5), 5=-247(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-498/193, 3-4=-132/72
BOT CHORD 2-7=-434/427, 6-7=-434/427, 5-6=0/0
WEBS 3-7=-103/197, 3-6=-489/497

JOINT STRESS INDEX
2 = 0.65, 3 = 0.23, 6 = 0.14 and 7 = 0.14

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) *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 235 lb uplift at joint 4, 306 lb uplift at joint 2 and 247 lb uplift at joint 5.

[illegible]

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916175
L262252	HJ9	MONO TRUSS	1	1	Job Reference (optional)

NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-2=-54
   Trapezoidal Loads (plf)
      Vert: 2=-4(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=5, B=5)-to-5=-25(F=-7, B=-7)

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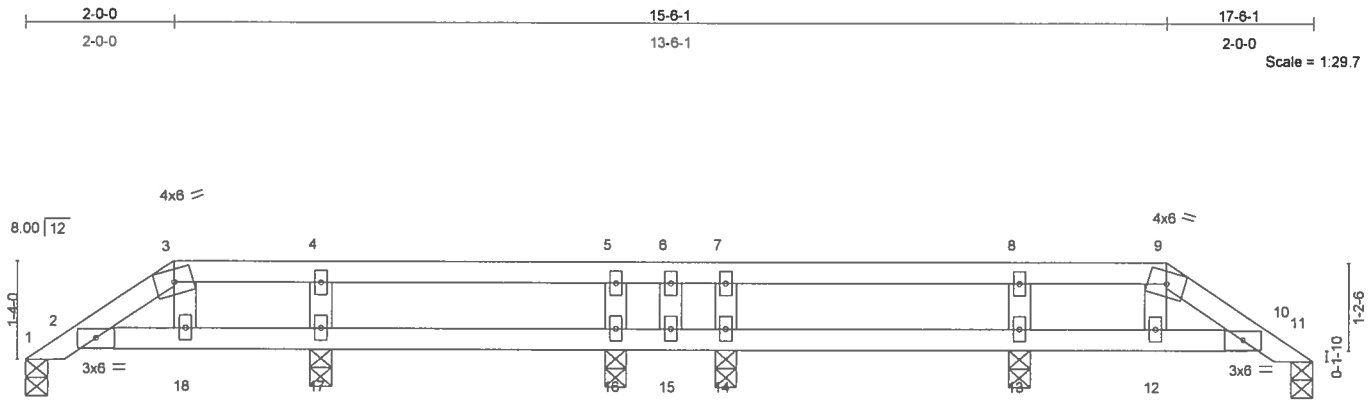
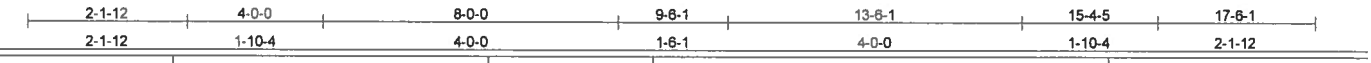
Florida PE No. 34869
1102 Colonial Blvd
Fort Myers, FL 33907

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916176
L262252	PB1	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:51 2007 Page 1





LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.14	Vert(LL)	-0.01	18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.01	18	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.01	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 57 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) 1=111/0-3-8, 11=111/0-3-8, 13=277/0-3-8, 14=164/0-3-8, 17=277/0-3-8, 16=164/0-3-8
Max Horz 1=35(load case 5)
Max Uplift 1=-25(load case 6), 11=-27(load case 7), 13=-99(load case 4), 14=-70(load case 5), 17=-106(load case 5), 16=-71(load case 4)
Max Grav 1=111(load case 1), 11=111(load case 1), 13=281(load case 11), 14=174(load case 10), 17=281(load case 10), 16=174(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-56/33, 2-3=-86/46, 3-4=-58/53, 4-5=-58/54, 5-6=-58/54, 6-7=-58/54, 7-8=-58/54, 8-9=-58/53, 9-10=-86/46, 10-11=-56/33
BOT CHORD	2-18=-13/59, 17-18=-10/58, 16-17=-10/58, 15-16=-10/58, 14-15=-10/58, 13-14=-10/58, 12-13=-10/58, 10-12=-11/59
WEBS	3-18=-11/16, 9-12=-11/16, 6-15=-82/76, 8-13=-214/151, 7-14=-186/151, 4-17=-214/151, 5-16=-186/151

Julius Lee
Truss Design Engineer
Florida FL No. 34869
1106 Emerald Bay Pkwy
Lovelan Lisenc. # C-0446

JOINT STRESS INDEX

2 = 0.23, 3 = 0.28, 4 = 0.33, 5 = 0.33, 6 = 0.33, 7 = 0.33, 8 = 0.33, 9 = 0.28, 10 = 0.23, 12 = 0.33, 13 = 0.33, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33 and 18 = 0.33

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916176
L262252	PB1	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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 plates are 2x4 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Bearing at joint(s) 1, 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 1, 27 lb uplift at joint 11, 99 lb uplift at joint 13, 70 lb uplift at joint 14, 106 lb uplift at joint 17 and 71 lb uplift at joint 16.
9) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

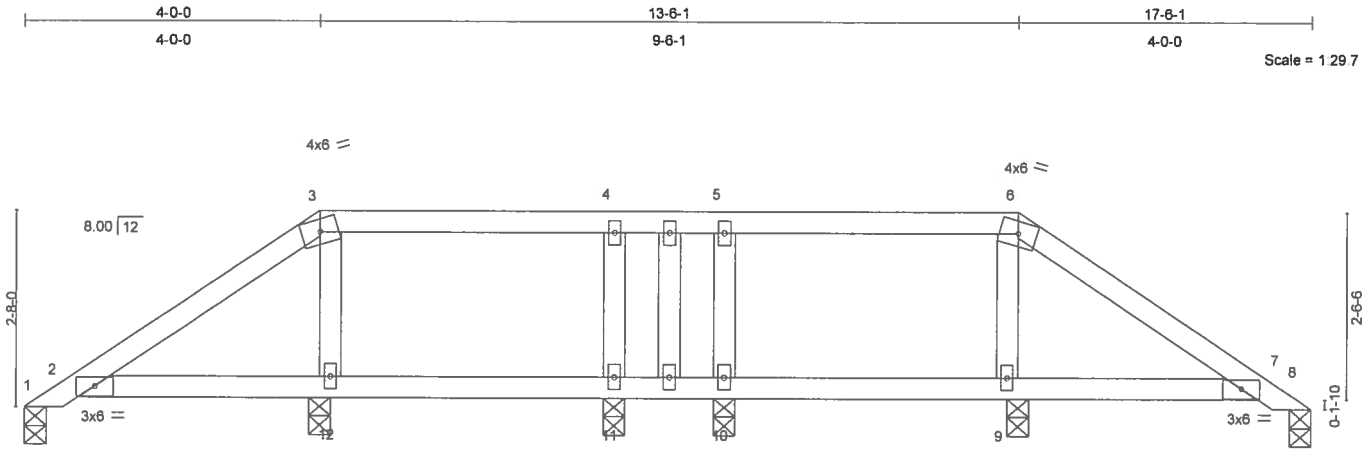
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
109 Comet Bay Blvd
Destin, FL 32550

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916177
L262252	PB1A	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:04:52 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.01	7-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	7-9	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 67 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 6-0-0 oc bracing.

REACTIONS (lb/size) 1=59/0-3-8, 8=59/0-3-8, 12=330/0-3-8, 9=330/0-3-8, 10=163/0-3-8, 11=163/0-3-8
Max Horz 1=72(load case 5)
Max Uplift 1=-10(load case 7), 8=-28(load case 4), 12=-102(load case 5), 9=-70(load case 4), 10=-85(load case 5), 11=-86(load case 4)
Max Grav 1=78(load case 10), 8=78(load case 11), 12=330(load case 1), 9=330(load case 1), 10=188(load case 10), 11=188(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-62/69, 2-3=-49/146, 3-4=0/88, 4-5=0/88, 5-6=0/88, 6-7=-49/146, 7-8=-39/19
BOT CHORD	2-12=-70/93, 11-12=-88/105, 10-11=-88/105, 9-10=-88/105, 7-9=-70/93
WEBS	3-12=-273/179, 6-9=-273/179, 5-10=-158/104, 4-11=-158/104

JOINT STRESS INDEX
2 = 0.24, 3 = 0.46, 4 = 0.33, 5 = 0.33, 6 = 0.46, 7 = 0.24, 9 = 0.33, 10 = 0.33, 11 = 0.33, 12 = 0.33, 13 = 0.33 and 14 = 0.33

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

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1326 Southfield Way Blvd
Ocoee, FL 34761

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916177
L262252	PB1A	GABLE	1	1	Job Reference (optional)

NOTES

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 2x4 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Bearing at joint(s) 1, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 10 lb uplift at joint 1, 28 lb uplift at joint 8, 102 lb uplift at joint 12, 70 lb uplift at joint 9, 85 lb uplift at joint 10 and 86 lb uplift at joint 11.
9) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1106 Council Bay Blvd
Ocoee, FL 32762

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916178
L262252	PB2	GABLE	1	1	Job Reference (optional)

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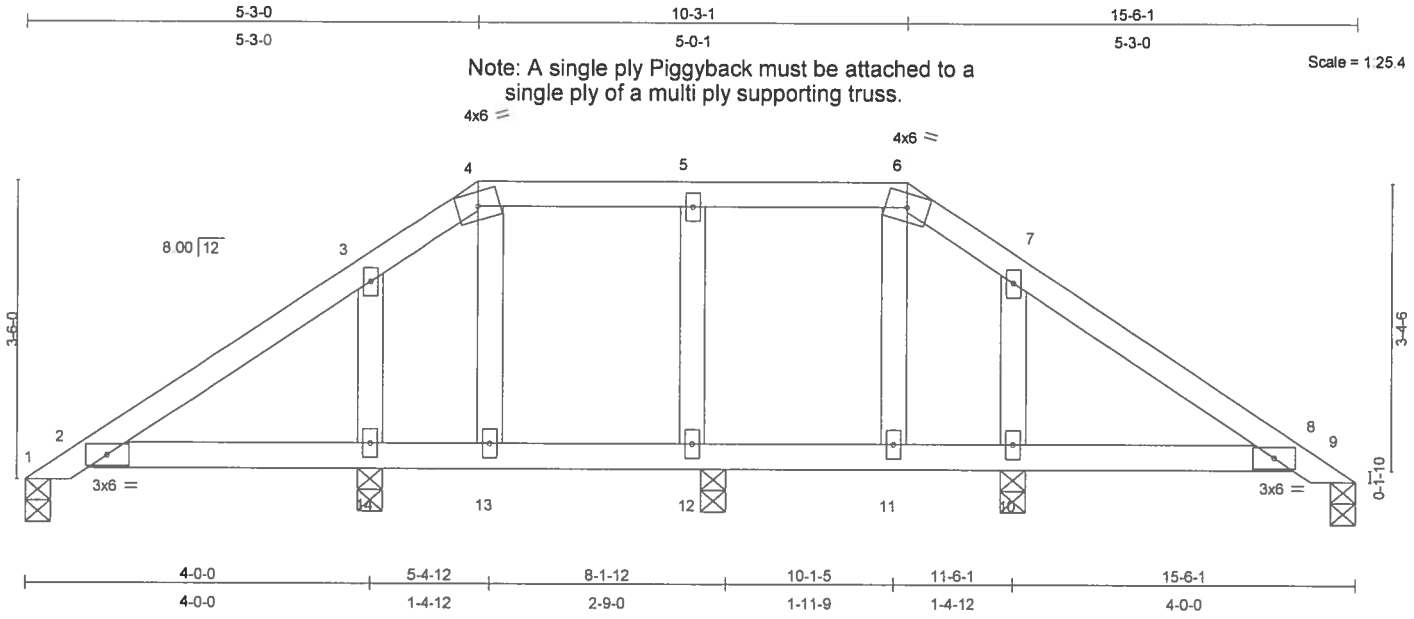

Plate Offsets (X,Y): [3:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.14	Vert(LL)	-0.01	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.13	Vert(TL)	-0.01	2-14	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 65 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 6-0-0 oc bracing.

REACTIONS (lb/size) 1=74/0-3-8, 9=74/0-3-8, 12=252/0-3-8, 10=288/0-3-8, 14=288/0-3-8
Max Horz 1=95(load case 5)
Max Uplift 1=-16(load case 4), 9=-18(load case 4), 12=-81(load case 5), 10=-96(load case 7), 14=-107(load case 6)
Max Grav 1=90(load case 10), 9=90(load case 11), 12=252(load case 1), 10=288(load case 1), 14=288(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-89/94, 2-3=-72/109, 3-4=-29/59, 4-5=0/54, 5-6=0/54, 6-7=-29/59, 7-8=-71/109, 8-9=-45/14
BOT CHORD	2-14=-42/117, 13-14=-42/117, 12-13=-45/118, 11-12=-45/118, 10-11=-42/117, 8-10=-42/117
WEBS	4-13=-50/27, 6-11=-50/27, 5-12=-184/126, 7-10=-192/162, 3-14=-192/162

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JOINT STRESS INDEX
2 = 0.42, 3 = 0.10, 4 = 0.07, 5 = 0.08, 6 = 0.07, 7 = 0.10, 8 = 0.42, 10 = 0.09, 11 = 0.02, 12 = 0.08, 13 = 0.02 and 14 = 0.09

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

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Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916178
L262252	PB2	GABLE	1	1	Job Reference (optional)

NOTES

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 2x4 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 16 lb uplift at joint 1, 18 lb uplift at joint 9, 81 lb uplift at joint 12, 96 lb uplift at joint 10 and 107 lb uplift at joint 14.
9) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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Jacksonville, FL 32218

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916179
L262252	PB3	MONO HIP PIGGYBACK	1	1	Job Reference (optional)

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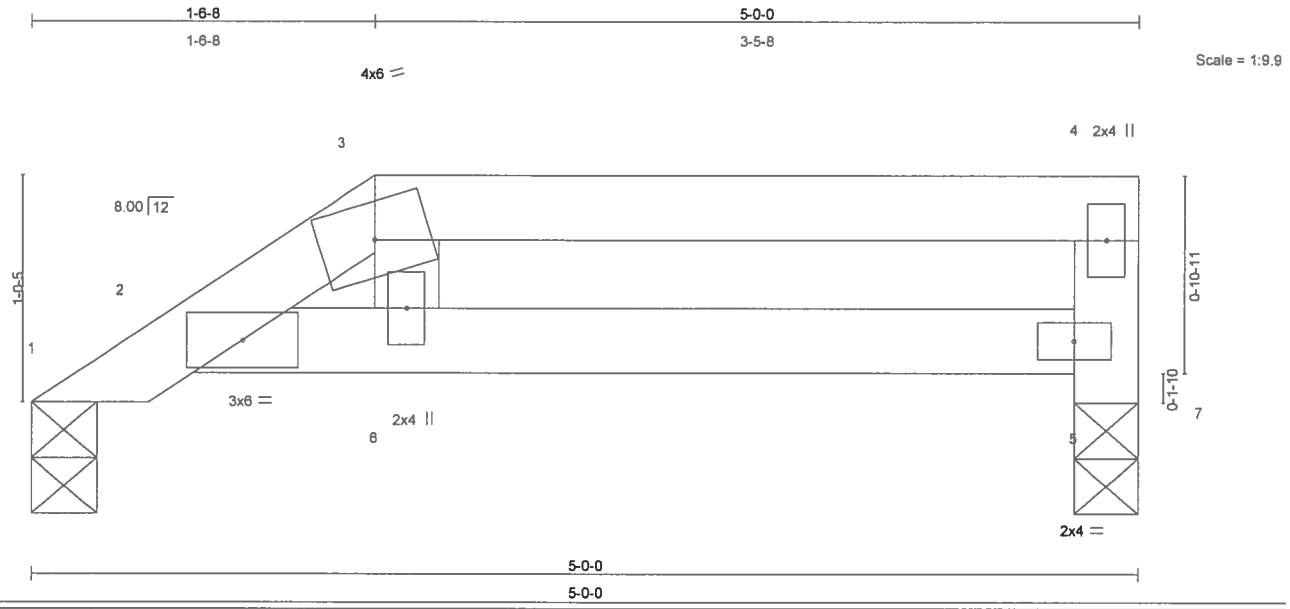

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.01	6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.01	6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 15 lb	

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

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

REACTIONS (lb/size) 1=152/0-3-8, 7=151/0-3-8
Max Horz 1=31(load case 6)
Max Uplift 1=-27(load case 5), 7=-47(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-78/19, 2-3=-229/182, 3-4=-205/186, 5-7=-151/139, 4-5=-109/125
BOT CHORD 2-6=-201/206, 5-6=-187/204
WEBS 3-6=-9/66

JOINT STRESS INDEX
2 = 0.23, 3 = 0.11, 4 = 0.79, 5 = 0.60 and 6 = 0.05

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

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Truss Design Engineer
Florida PE No. 34869
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December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916179
L262252	PB3	MONO HIP PIGGYBACK	1	1	Job Reference (optional)

NOTES

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 1 and 47 lb uplift at joint 7.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916180
L262252	T01	COMMON	10	1	Job Reference (optional)

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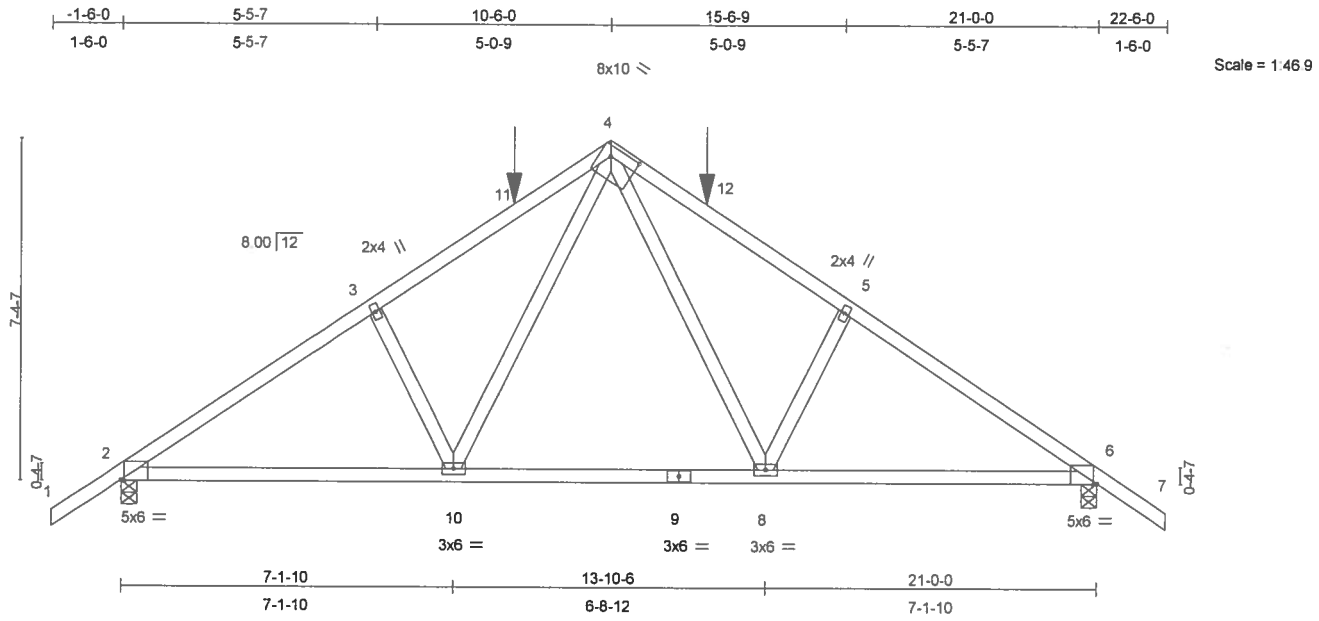

Plate Offsets (X,Y): [2:0-0-13,Edge], [4:0-7-4,0-2-8], [6:0-0-13,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.93	Vert(LL)	0.18	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.38	8-10	>652	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.35	Horz(TL)	0.08	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-10 oc bracing.

REACTIONS (lb/size) 2=1795/0-4-0, 6=1795/0-4-0
Max Horz 2=194(load case 5)
Max Uplift 2=-391(load case 6), 6=-391(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-2833/948, 3-11=-2722/1000, 4-11=-2296/908, 4-12=-2296/908, 5-12=-2722/1000, 5-6=-2833/948, 6-7=0/45
BOT CHORD 2-10=-624/2271, 9-10=-376/1833, 8-9=-376/1833, 6-8=-624/2271
WEBS 3-10=-345/254, 4-10=-321/672, 4-8=-321/672, 5-8=-345/254

JOINT STRESS INDEX
2 = 0.76, 3 = 0.34, 4 = 0.89, 5 = 0.34, 6 = 0.76, 8 = 0.57, 9 = 0.93 and 10 = 0.57

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 391 lb uplift at joint 2 and 391 lb uplift at joint 6.

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December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916180
L262252	T01	COMMON	10	1	Job Reference (optional)

NOTES

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

Loading has been calculated by the truss manufacturer. It is the responsibility of the Architect/Engineer of Record to verify and approve the loading.

LOAD CASE(S) Standard Except:

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

Uniform Loads (plf)

Vert: 1-11=-54, 4-11=-175, 4-12=-175, 7-12=-54, 2-10=-10, 8-10=-70(F=-60), 6-8=-10

Concentrated Loads (lb)

Vert: 11=-600 12=-600

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916181
L262252	T01G	GABLE	1	1	Job Reference (optional)

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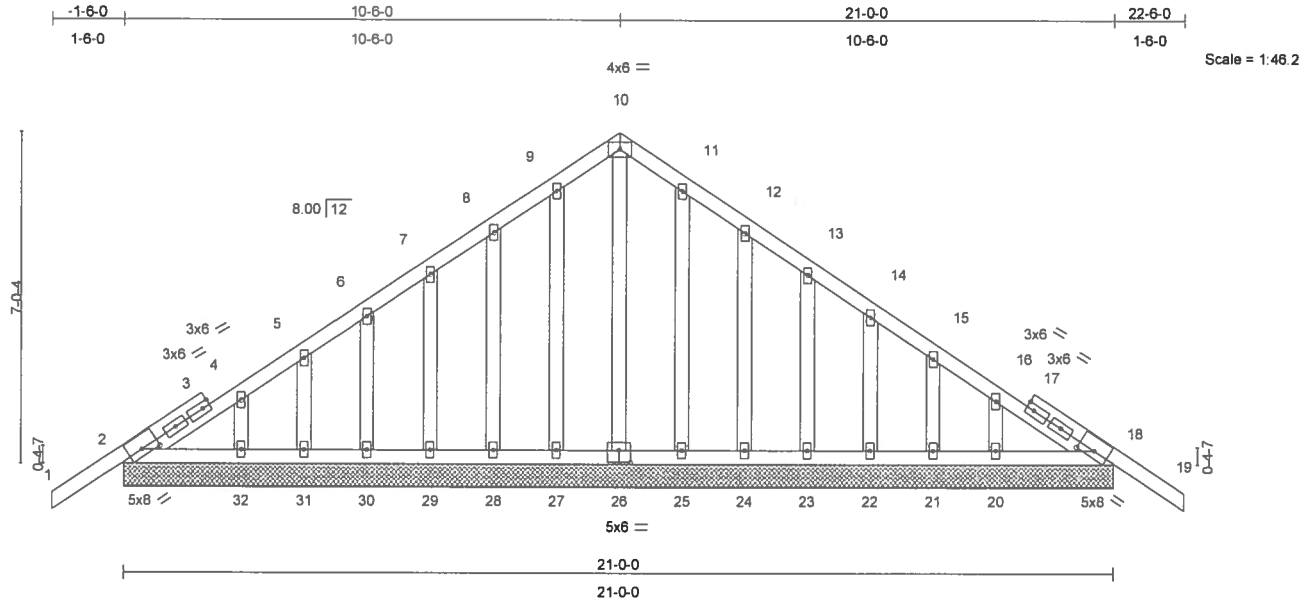

Plate Offsets (X,Y): [2:0-4-5,0-1-12], [18:0-4-5,0-1-12], [26:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.01	19	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.01	19	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.11	Horz(TL)	0.01	18	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 149 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
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=217/21-0-0, 18=217/21-0-0, 26=85/21-0-0, 27=97/21-0-0, 28=99/21-0-0, 29=98/21-0-0, 30=100/21-0-0, 31=94/21-0-0, 32=124/21-0-0, 25=97/21-0-0, 24=99/21-0-0, 23=98/21-0-0, 22=100/21-0-0, 21=94/21-0-0, 20=124/21-0-0
Max Horz 2=-238(load case 4)
Max Uplift 2=-108(load case 6), 18=-131(load case 7), 27=-52(load case 6), 28=-84(load case 6), 29=-76(load case 6), 30=-73(load case 6), 31=-88(load case 6), 32=-54(load case 7), 25=-44(load case 7), 24=-86(load case 7), 23=-76(load case 7), 22=-74(load case 7), 21=-87(load case 7), 20=-48(load case 6)
Max Grav 2=217(load case 1), 18=217(load case 1), 26=148(load case 7), 27=99(load case 10), 28=100(load case 10), 29=98(load case 1), 30=100(load case 1), 31=94(load case 10), 32=124(load case 1), 25=99(load case 11), 24=100(load case 11), 23=98(load case 1), 22=100(load case 1), 21=94(load case 11), 20=124(load case 1)

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916181
L262252	T01G	GABLE	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/51, 2-3=-187/141, 3-4=-182/148, 4-5=-158/143, 5-6=-124/140, 6-7=-92/135, 7-8=-59/147, 8-9=-38/186, 9-10=-37/203, 10-11=-37/201, 11-12=-38/173, 12-13=-37/121, 13-14=-37/75, 14-15=-37/47, 15-16=-65/49, 16-17=-95/61, 17-18=-99/53, 18-19=0/51

BOT CHORD 2-32=-31/177, 31-32=-31/177, 30-31=-31/177, 29-30=-31/177, 28-29=-31/177, 27-28=-31/177, 26-27=-31/177, 25-26=-31/177, 24-25=-31/177, 23-24=-31/177, 22-23=-31/177, 21-22=-31/177, 20-21=-31/177, 18-20=-31/177

WEBS 10-26=-140/0, 9-27=-86/60, 8-28=-86/92, 7-29=-85/84, 6-30=-86/83, 5-31=-82/89, 4-32=-107/69, 11-25=-86/52, 12-24=-86/94, 13-23=-85/84, 14-22=-86/83, 15-21=-82/88, 16-20=-107/70

JOINT STRESS INDEX

2 = 0.40, 3 = 0.00, 3 = 0.15, 3 = 0.15, 4 = 0.33, 5 = 0.33, 6 = 0.33, 7 = 0.33, 8 = 0.33, 9 = 0.33, 10 = 0.27, 11 = 0.33, 12 = 0.33 , 13 = 0.33, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.00, 17 = 0.15, 17 = 0.15, 18 = 0.40, 20 = 0.33, 21 = 0.33, 22 = 0.33, 23 = 0.33, 24 = 0.33, 25 = 0.33, 26 = 0.19, 27 = 0.33, 28 = 0.33, 29 = 0.33, 30 = 0.33, 31 = 0.33 and 32 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable 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 108 lb uplift at joint 2, 131 lb uplift at joint 18, 52 lb uplift at joint 27, 84 lb uplift at joint 28, 76 lb uplift at joint 29, 73 lb uplift at joint 30, 88 lb uplift at joint 31, 54 lb uplift at joint 32, 44 lb uplift at joint 25, 86 lb uplift at joint 24, 76 lb uplift at joint 23, 74 lb uplift at joint 22, 87 lb uplift at joint 21 and 48 lb uplift at joint 20.
10) 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: 1-10=-64(F=-10), 10-19=-64(F=-10), 2-18=-10

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916182
L262252	T02	COMMON	2	1	Job Reference (optional)

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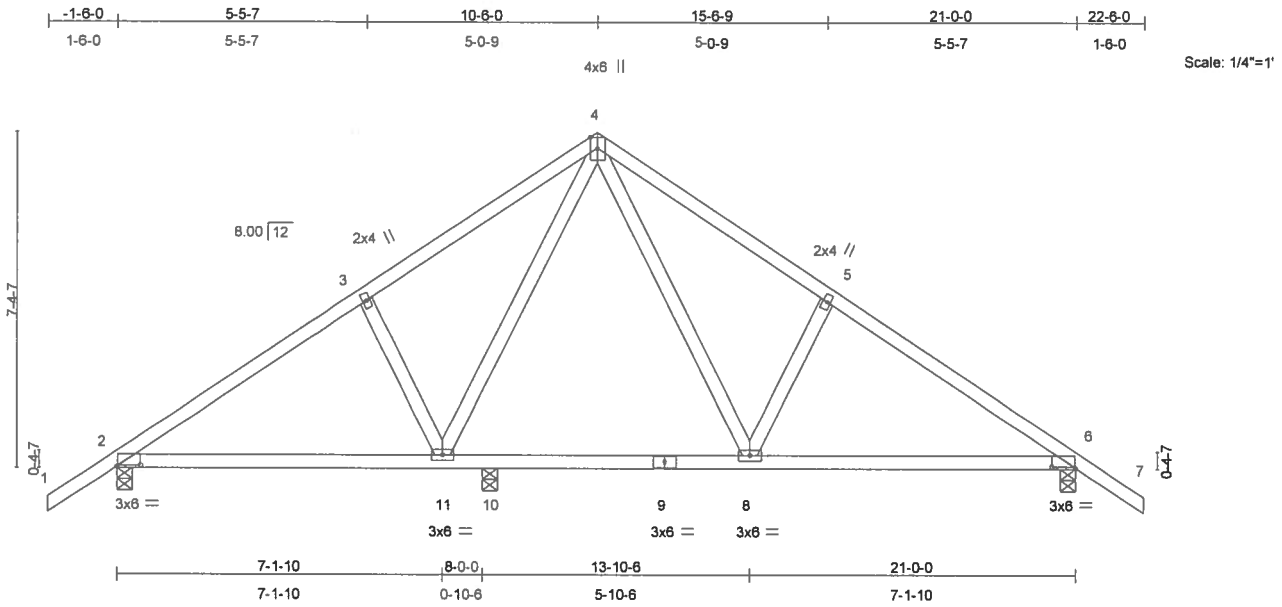

Plate Offsets (X,Y): [2:0-6-3,0-0-6], [6:0-6-3,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.06	2-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.67	Vert(TL)	-0.13	2-11	>741	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.27	Horz(TL)	0.02	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 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=600/0-4-0, 6=730/0-4-0, 10=576/0-4-0
Max Horz 2=194(load case 5)
Max Uplift 2=-177(load case 6), 6=-218(load case 7), 10=-147(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-670/286, 3-4=-544/345, 4-5=-797/459, 5-6=-925/401, 6-7=0/45
BOT CHORD 2-11=-113/490, 10-11=-21/401, 9-10=-21/401, 8-9=-21/401, 6-8=-174/695
WEBS 3-11=-250/232, 4-11=-151/128, 4-8=-250/483, 5-8=-236/226

JOINT STRESS INDEX
2 = 0.64, 3 = 0.33, 4 = 0.48, 5 = 0.33, 6 = 0.64, 8 = 0.45, 9 = 0.43 and 11 = 0.45

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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Truss Design Engineer
Florida PE No. 34931
1163 Clearmist Bay Blvd
Davison Used, FL 32435

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916182
L262252	T02	COMMON	2	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 177 lb uplift at joint 2, 218 lb uplift at joint 6 and 147 lb uplift at joint 10.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-7=-54, 2-11=-10, 8-11=-70(F=-60), 6-8=-10

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916183
L262252	T03	COMMON	1	1	Job Reference (optional)

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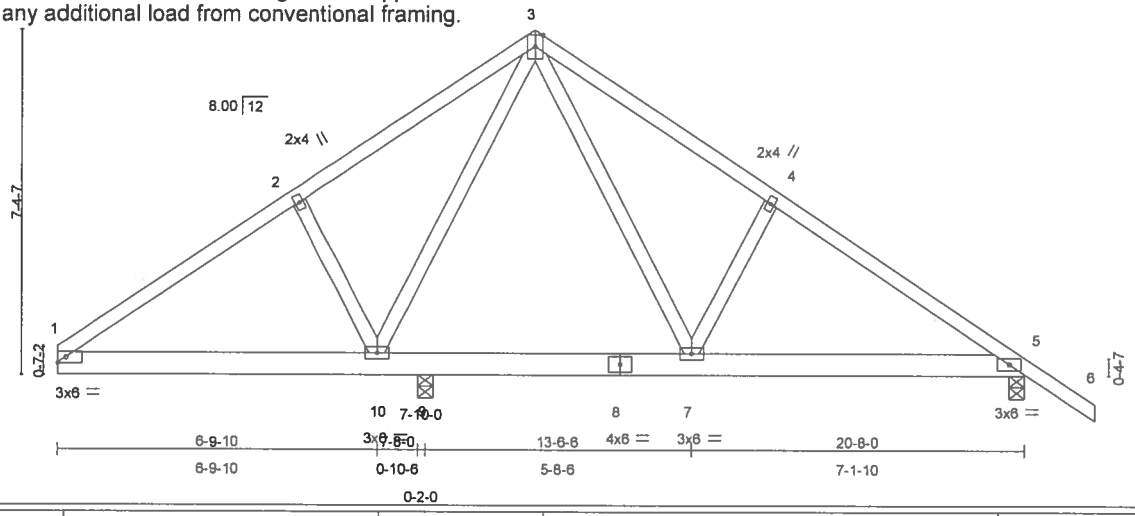
Warning: This truss has not been designed to support any additional load from conventional framing.



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.30	Vert(LL)	0.05	5-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.55	Vert(TL)	-0.06	5-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 121 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 6 SYP No.1D
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 6-0-0 oc bracing , Except:
10-0-0 oc bracing: 5-7.

REACTIONS (lb/size) 5=421/0-4-0, 9=1385/0-4-0
Max Horz 9=-213(load case 4)
Max Uplift 5=-170(load case 7), 9=-568(load case 6)
Max Grav 5=509(load case 11), 9=1385(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-465/410, 2-3=-403/526, 3-4=-404/154, 4-5=-529/107, 5-6=0/47
BOT CHORD 1-10=-262/435, 9-10=-90/323, 8-9=-90/391, 7-8=-90/391, 5-7=0/375
WEBS 2-10=-270/279, 3-10=-815/542, 3-7=-138/421, 4-7=-245/246

JOINT STRESS INDEX
1 = 0.53, 2 = 0.33, 3 = 0.65, 4 = 0.33, 5 = 0.31, 7 = 0.45, 8 = 0.19 and 10 = 0.45

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; cantilever 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.

Continued on page 2

Julius Lee
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1104 Central Bay Blvd
Ocoee, FL 32761

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916183
L262252	T03	COMMON	1	1	Job Reference (optional)

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 170 lb uplift at joint 5 and 568 lb uplift at joint 9.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-6=-54, 1-10=-10, 7-10=-70(F=-60), 5-7=-10

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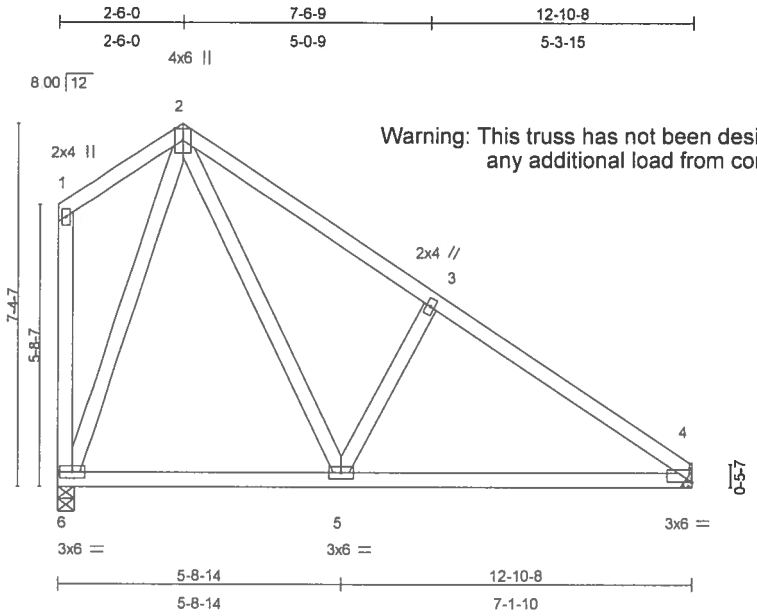
December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916184
L262252	T04	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 08:35:39 2007 Page 1



Scale = 1:44.3

Warning: This truss has not been designed to support any additional load from conventional framing.

Simpson HTU26

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.19	Vert(LL)	-0.05	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.10	4-5	>999	240		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.36	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 78 lb	

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

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

REACTIONS (lb/size) 4=403/Mechanical, 6=403/0-4-0
Max Horz 6=-194(load case 7)
Max Uplift 4=-61(load case 7), 6=-134(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-38/49, 2-3=-394/219, 3-4=-523/161, 1-6=-61/39
BOT CHORD 5-6=-21/171, 4-5=-45/372
WEBS 2-5=-227/336, 3-5=-250/265, 2-6=-368/251

JOINT STRESS INDEX
1 = 0.14, 2 = 0.45, 3 = 0.15, 4 = 0.60, 5 = 0.29 and 6 = 0.18

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 61 lb uplift at joint 4 and 134 lb uplift at joint 6.

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December 11,2007

LOAD CASE(S) Standard

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916185
L262252	T05	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 08:37:10 2007 Page 1

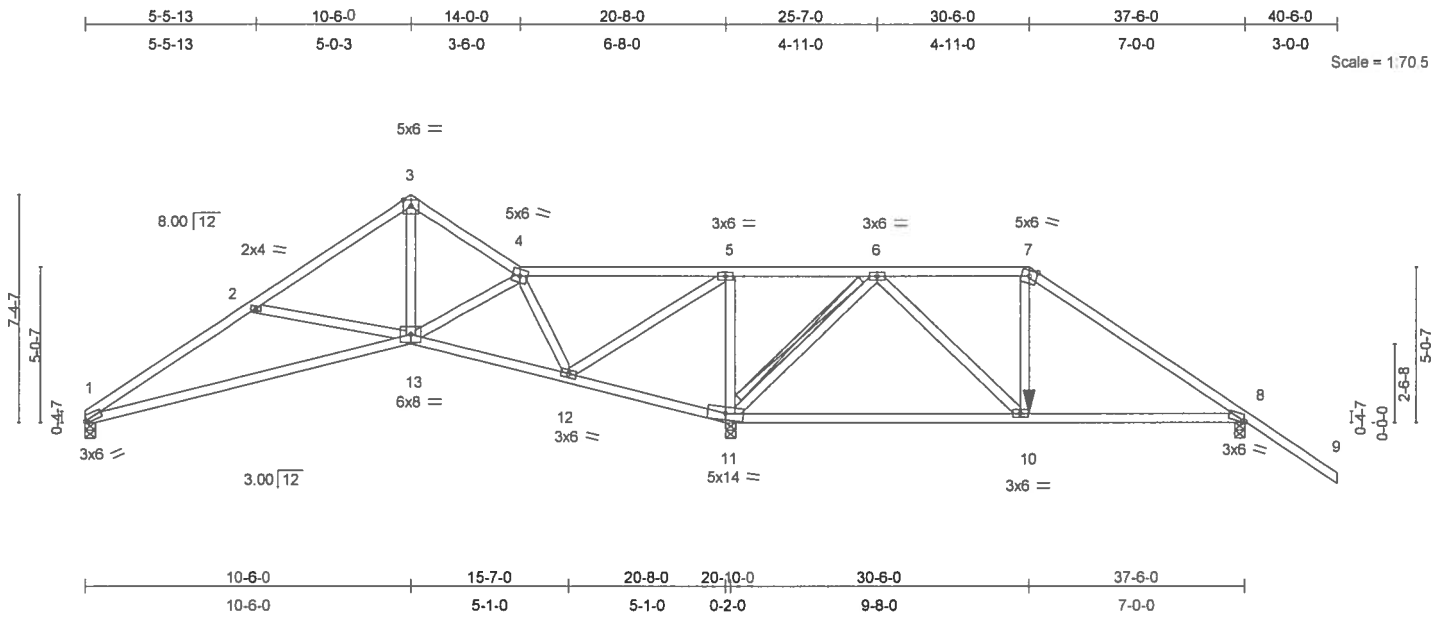

Plate Offsets (X,Y): [1:0-1-0,Edge], [8:0-0-12,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	0.27	10-11	>743	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.43	1-13	>573	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.45	Horz(TL)	0.04	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 191 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-7-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-11
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) 1=436/0-4-0, 11=2344/0-4-0, 8=904/0-4-0
Max Horz 1=-233(load case 3)
Max Uplift 1=-75(load case 5), 11=-1116(load case 4), 8=-747(load case 6)
Max Grav 1=436(load case 1), 11=2344(load case 1), 8=963(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-815/155, 2-3=-420/9, 3-4=-394/34, 4-5=-182/286, 5-6=-233/859, 6-7=-841/792, 7-8=-1125/887, 8-9=0/90
BOT CHORD 1-13=-151/664, 12-13=-116/274, 11-12=-929/332, 10-11=-441/393, 8-10=-622/836
WEBS 2-13=-364/242, 3-13=0/289, 4-13=-121/365, 4-12=-696/138, 5-12=-73/722, 5-11=-884/345, 6-11=-1538/888, 6-10=-315/713, 7-10=-254/180

JOINT STRESS INDEX
1 = 0.86, 2 = 0.34, 3 = 0.18, 4 = 0.74, 5 = 0.42, 6 = 0.48, 7 = 0.59, 8 = 0.82, 10 = 0.45, 11 = 0.92, 12 = 0.43 and 13 = 0.81

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60.

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916185
L262252	T05	SPECIAL	1	1	Job Reference (optional)

NOTES

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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 1, 1116 lb uplift at joint 11 and 747 lb uplift at joint 8.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-4=-54, 4-5=-54, 5-7=-117(F=-63), 7-9=-54, 1-13=-10, 11-13=-10, 10-11=-22(F=-12), 8-10=-10
   Concentrated Loads (lb)
   Vert: 10=-411(F)

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916186
L262252	T06	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:01 2007 Page 1

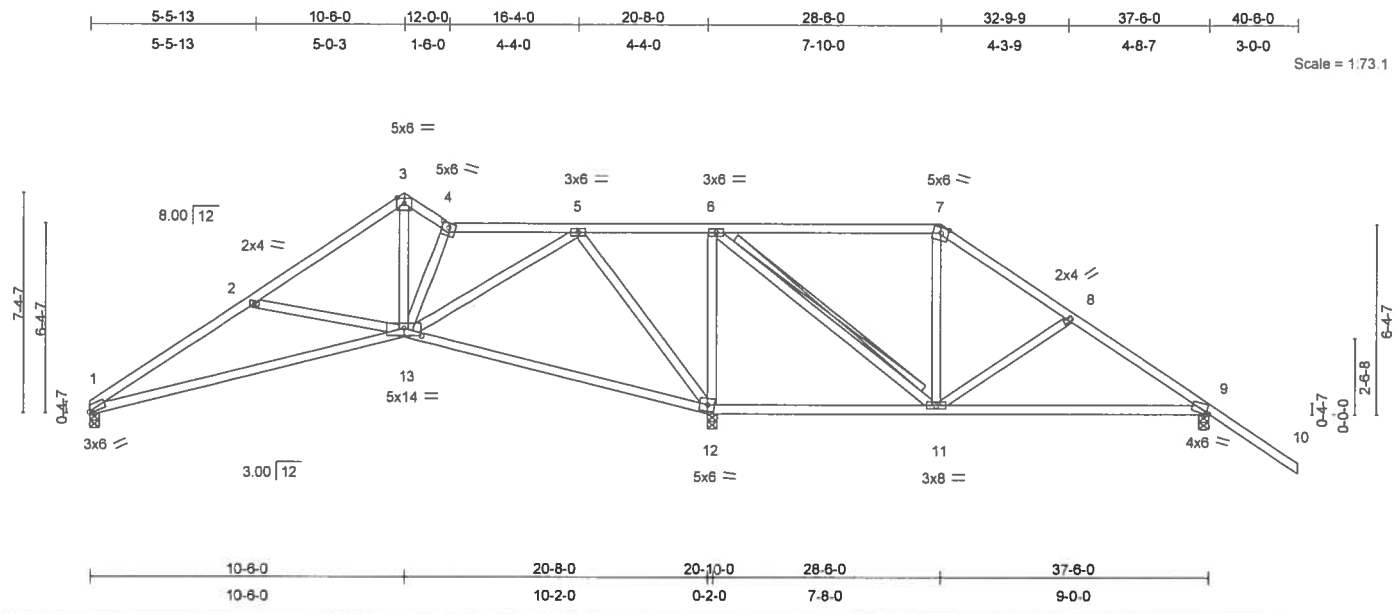

Plate Offsets (X,Y): [1:0-1-0,Edge], [4:0-3-0,0-1-11], [9:0-1-1,Edge], [13:0-7-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.20	1-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.38	1-13	>655	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.04	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 203 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 6-0-0 oc bracing , Except:
10-0-0 oc bracing: 1-13.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-11
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) 1=467/0-4-0, 12=1595/0-4-0, 9=488/0-4-0
Max Horz 1=-232(load case 4)
Max Uplift 1=-101(load case 7), 12=-654(load case 5), 9=-504(load case 7)
Max Grav 1=467(load case 1), 12=1595(load case 1), 9=558(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-898/408, 2-3=-511/189, 3-4=-422/217, 4-5=-504/259, 5-6=-130/592, 6-7=-139/467, 7-8=-219/480, 8-9=-409/519, 9-10=0/90
BOT CHORD 1-13=-258/732, 12-13=-187/283, 11-12=-571/412, 9-11=-289/265
WEBS 2-13=-352/347, 3-13=-74/319, 4-13=-377/211, 5-12=-748/281, 6-12=-855/650, 6-11=-622/779, 7-11=-335/23, 8-11=-149/164, 5-13=-152/772

JOINT STRESS INDEX
1 = 0.74, 2 = 0.33, 3 = 0.25, 4 = 0.26, 5 = 0.44, 6 = 0.45, 7 = 0.74, 8 = 0.33, 9 = 0.90, 11 = 0.74, 12 = 0.66 and 13 = 0.88

Continued on page 2

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916186
L262252	T06	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 1, 654 lb uplift at joint 12 and 504 lb uplift at joint 9.

LOAD CASE(S) Standard

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916187
L262252	T07	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:02 2007 Page 1

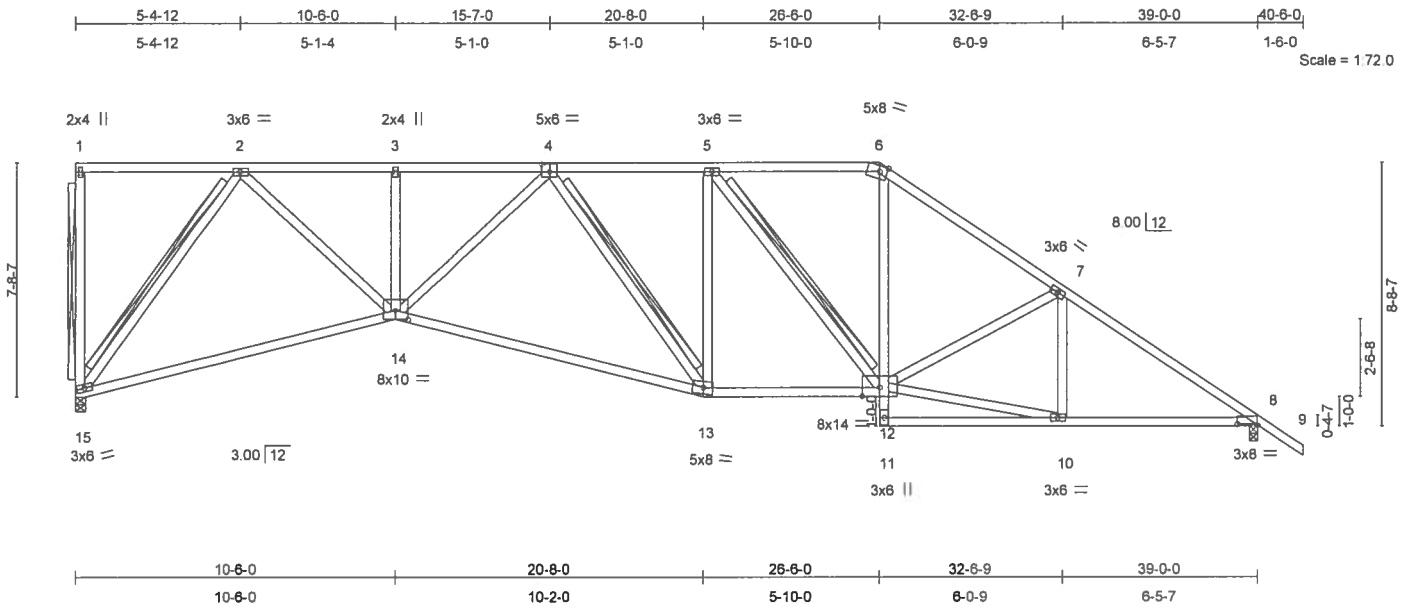

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [6:0-3-0,Edge], [8:0-8-3,0-0-10], [14:0-5-0,0-3-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.23	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.43	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.76	Horz(TL)	0.17	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 248 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 6-11 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-3-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-5-7 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 1-15, 2-15, 4-13, 5-12
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) 15=1237/0-4-0, 8=1329/0-3-8
Max Horz 15=-318(load case 7)
Max Uplift 15=-373(load case 5), 8=-287(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-15=-130/88, 1-2=-30/1, 2-3=-1963/803, 3-4=-1963/803, 4-5=-1630/882, 5-6=-1415/801, 6-7=-1803/882, 7-8=-1957/870, 8-9=0/44
BOT CHORD 14-15=-289/967, 13-14=-527/1949, 12-13=-454/1631, 11-12=0/86, 6-12=-260/628, 10-11=-25/117, 8-10=-548/1536
WEBS 2-15=-1574/721, 2-14=-534/1434, 3-14=-264/189, 4-14=-45/183, 4-13=-438/217, 5-13=-11/139, 5-12=-350/226, 10-12=-530/1439, 7-12=-139/196, 7-10=-173/124

[illegible]

JOINT STRESS INDEX
1 = 0.72, 2 = 0.87, 3 = 0.33, 4 = 0.33, 5 = 0.39, 6 = 0.64, 7 = 0.41, 8 = 0.83, 10 = 0.77, 11 = 0.31, 12 = 0.28, 13 = 0.64, 14 = 0.53 and 15 = 0.71

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916187
L262252	T07	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; 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) Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 373 lb uplift at joint 15 and 287 lb uplift at joint 8.

LOAD CASE(S) Standard

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916188
L262252	T08	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:03 2007 Page 1

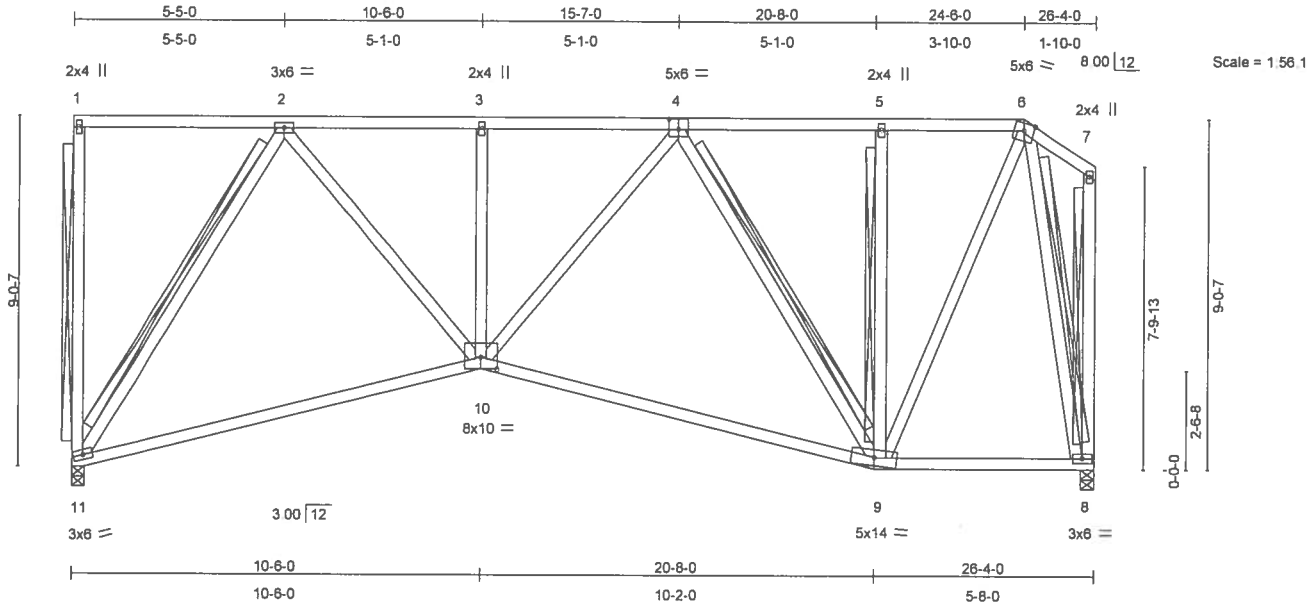

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [10:0-5-0,0-3-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	-0.21	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.38	10-11	>828	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.55	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 204 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 1-11, 2-11, 4-9, 5-9, 7-8, 6-8
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) 11=833/0-4-0, 8=833/0-4-0
Max Horz 11=-37(load case 7)
Max Uplift 11=-302(load case 5), 8=-241(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-11=-128/87, 1-2=-23/1, 2-3=-870/436, 3-4=-870/436, 4-5=-425/249, 5-6=-425/249, 6-7=-28/32, 7-8=-44/39
BOT CHORD 10-11=-224/508, 9-10=-366/747, 8-9=-74/153
WEBS 2-11=-905/507, 2-10=-274/615, 3-10=-262/187, 4-10=-57/257, 4-9=-561/294, 5-9=-255/182, 6-9=-320/700, 6-8=-786/381

JOINT STRESS INDEX
1 = 0.63, 2 = 0.43, 3 = 0.33, 4 = 0.30, 5 = 0.33, 6 = 0.37, 7 = 0.33, 8 = 0.36, 9 = 0.42, 10 = 0.53 and 11 = 0.65

Continued on page 2

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916188
L262252	T08	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; 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) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 302 lb uplift at joint 11 and 241 lb uplift at joint 8.

LOAD CASE(S) Standard

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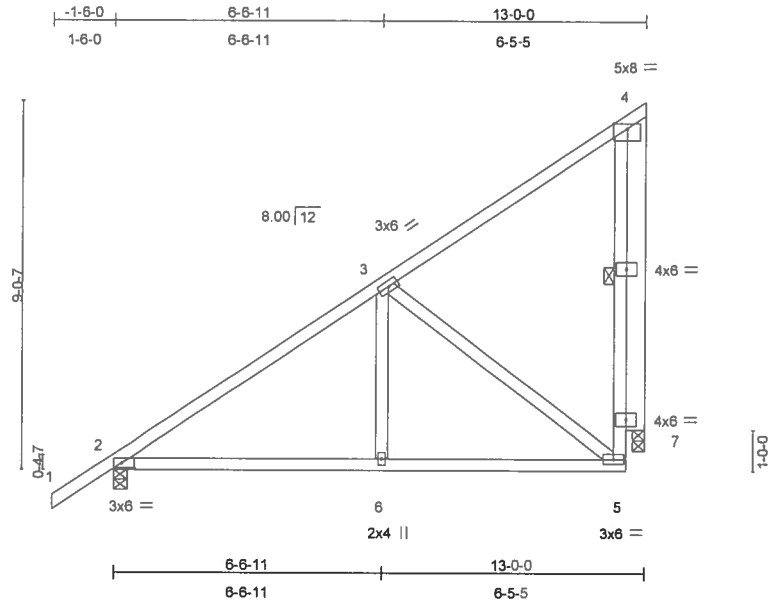
Jacksonville Beach, FL 32250

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916189
L262252	T08A	MONO TRUSS	6	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:04 2007 Page 1



Scale = 1:53.3

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.03	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.07	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.35	Horz(TL)	-0.01	7	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 4 SYP No.2
WEBS 2 X 4 SYP No.3
OTHERS 2 X 6 SYP No.1D

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 4-5

REACTIONS (lb/size) 2=487/0-4-0, 7=393/0-3-8
Max Horz 2=318(load case 6)
Max Uplift 2=-92(load case 6), 7=-198(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-477/0, 3-4=-114/65, 5-7=-164/252, 4-7=-141/152
BOT CHORD 2-6=-251/317, 5-6=-251/317
WEBS 3-6=0/209, 3-5=-378/298

JOINT STRESS INDEX
2 = 0.38, 3 = 0.16, 4 = 0.50, 5 = 0.54, 6 = 0.15, 7 = 0.00, 7 = 0.16 and 7 = 0.16

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916189
L262252	T08A	MONO TRUSS	6	1	Job Reference (optional)

NOTES

4) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 92 lb uplift at joint 2 and 198 lb uplift at joint 7.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1855 Crystal Key Run
Lovton Beach, FL 32943

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916190
L262252	T09	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:05 2007 Page 1

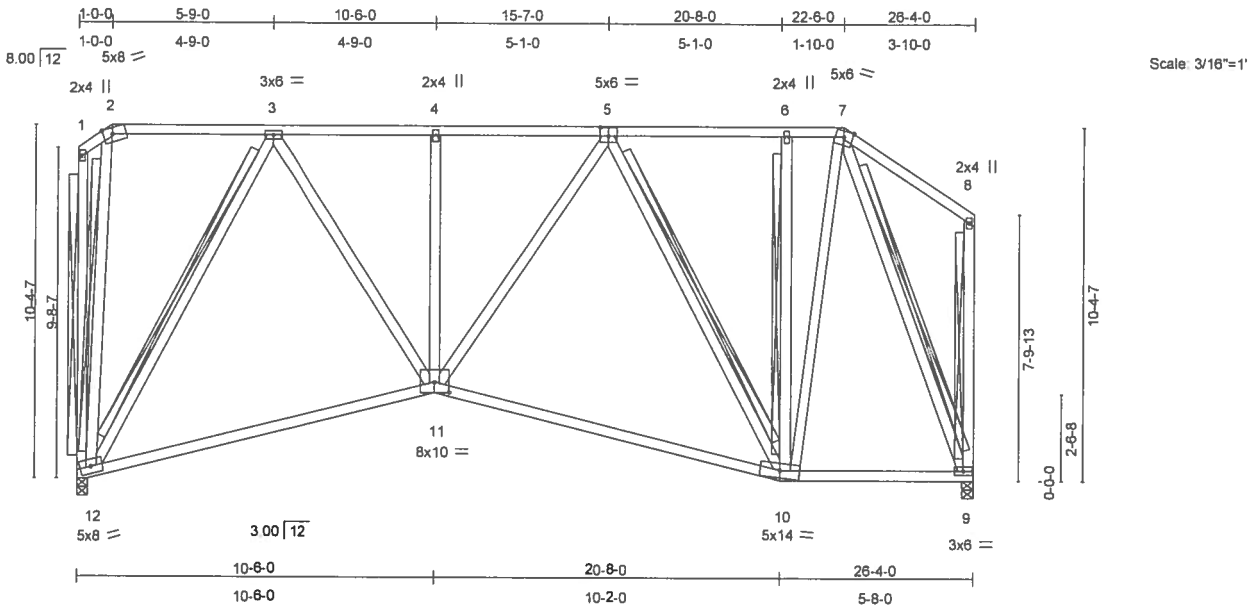


Plate Offsets (X,Y): [2:0-3-0,Edge], [5:0-3-0,0-3-0], [11:0-5-0,0-3-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.19	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.34	11-12	>911	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.61	Horz(TL)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 235 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-10, 6-10, 1-12, 2-12 , 8-9, 3-12, 7-9
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) 12=840/0-4-0, 9=824/0-4-0
Max Horz 12=-68(load case 7)
Max Uplift 12=-296(load case 4), 9=-239(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-45/37, 2-3=-20/33, 3-4=-696/377, 4-5=-696/377, 5-6=-366/260, 6-7=-368/262, 7-8=-60/75, 1-12=-60/33, 8-9=-97/95
BOT CHORD 11-12=-163/431, 10-11=-279/625, 9-10=-113/265
WEBS 3-11=-247/546, 4-11=-255/184, 5-11=-43/205, 5-10=-511/249, 6-10=-209/129, 2-12=-201/165, 3-12=-823/453, 7-10=-227/615, 7-9=-753/314

JOINT STRESS INDEX
1 = 0.53, 2 = 0.33, 3 = 0.44, 4 = 0.33, 5 = 0.31, 6 = 0.33, 7 = 0.41, 8 = 0.33, 9 = 0.48, 10 = 0.29, 11 = 0.51 and 12 = 0.77

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916190
L262252	T09	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 296 lb uplift at joint 12 and 239 lb uplift at joint 9.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34930
1105 Corbett Key Blvd
Vero Beach, FL 32963

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916191
L262252	T10	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:06 2007 Page 1

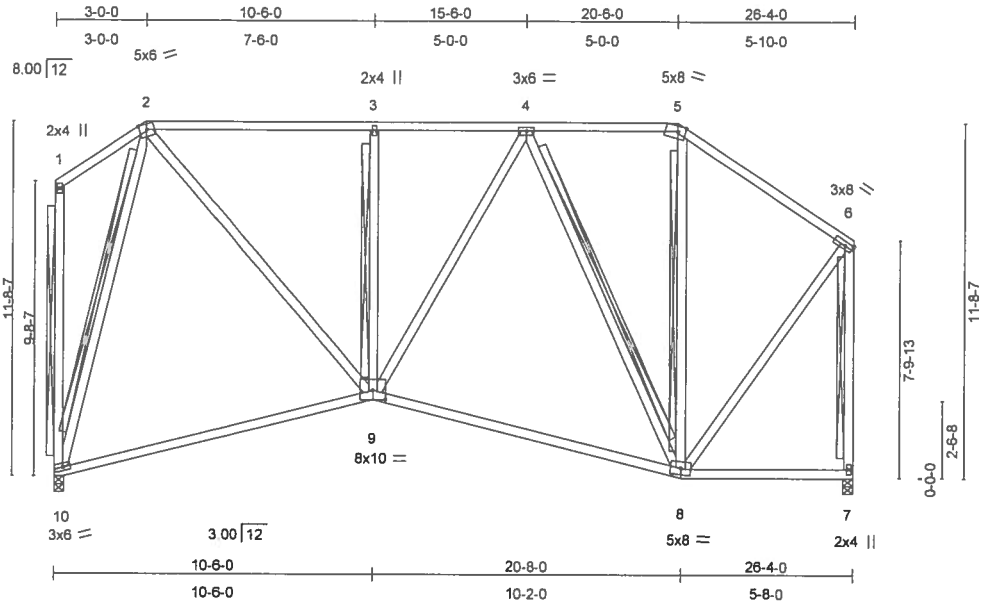

Plate Offsets (X,Y): [5:0-3-0,Edge], [9:0-5-0,0-3-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.21	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.38	9-10	>815	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 217 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*
4-8 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.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-9, 4-8, 5-8, 1-10, 2-10, 6-7
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=833/0-4-0, 10=833/0-4-0
Max Horz 10=-103(load case 4)
Max Uplift 7=-203(load case 4), 10=-230(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-38/71, 2-3=-622/389, 3-4=-622/390, 4-5=-340/295, 5-6=-483/259, 1-10=-60/39, 6-7=-811/386
BOT CHORD 9-10=-134/232, 8-9=-222/551, 7-8=-13/13
WEBS 2-9=-302/641, 3-9=-370/264, 4-9=-90/217, 4-8=-480/247, 5-8=-99/91, 2-10=-847/471, 6-8=-196/553

JOINT STRESS INDEX
1 = 0.51, 2 = 0.69, 3 = 0.33, 4 = 0.46, 5 = 0.63, 6 = 0.67, 7 = 0.38, 8 = 0.72, 9 = 0.52 and 10 = 0.62

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916191
L262252	T10	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 203 lb uplift at joint 7 and 230 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Builders FirstSource
1082 Comercial Key Blvd
Lawton Oaks, FL 32043

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916192
L262252	T11	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:07 2007 Page 1

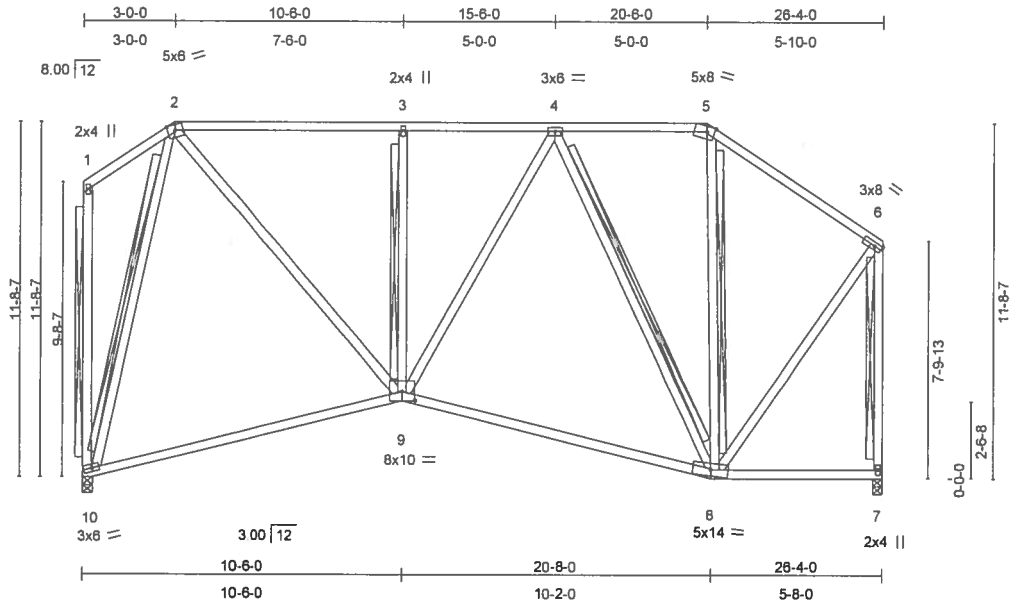

Plate Offsets (X,Y): [5:0-3-1,Edge], [9:0-5-0,0-3-10]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.21	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.38	9-10	>817	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 217 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*
4-8 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-9, 4-8, 1-10, 2-10, 6-7, 5-8
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=833/0-4-0, 7=833/0-4-0
Max Horz 10=-104(load case 4)
Max Uplift 10=-230(load case 4), 7=-203(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-38/71, 2-3=-622/390, 3-4=-622/390, 4-5=-340/295, 5-6=-483/259, 1-10=-60/39, 6-7=-811/386
BOT CHORD 9-10=-134/232, 8-9=-223/551, 7-8=-12/13
WEBS 2-9=-303/642, 3-9=-371/265, 4-9=-90/217, 4-8=-480/247, 2-10=-846/471, 6-8=-196/553, 5-8=-99/91

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Shadel Bay Blvd
Newton Beach, FL 32408

JOINT STRESS INDEX
1 = 0.51, 2 = 0.69, 3 = 0.33, 4 = 0.46, 5 = 0.61, 6 = 0.67, 7 = 0.38, 8 = 0.29, 9 = 0.52 and 10 = 0.82

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Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916192
L262252	T11	SPECIAL	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 230 lb uplift at joint 10 and 203 lb uplift at joint 7.
8) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

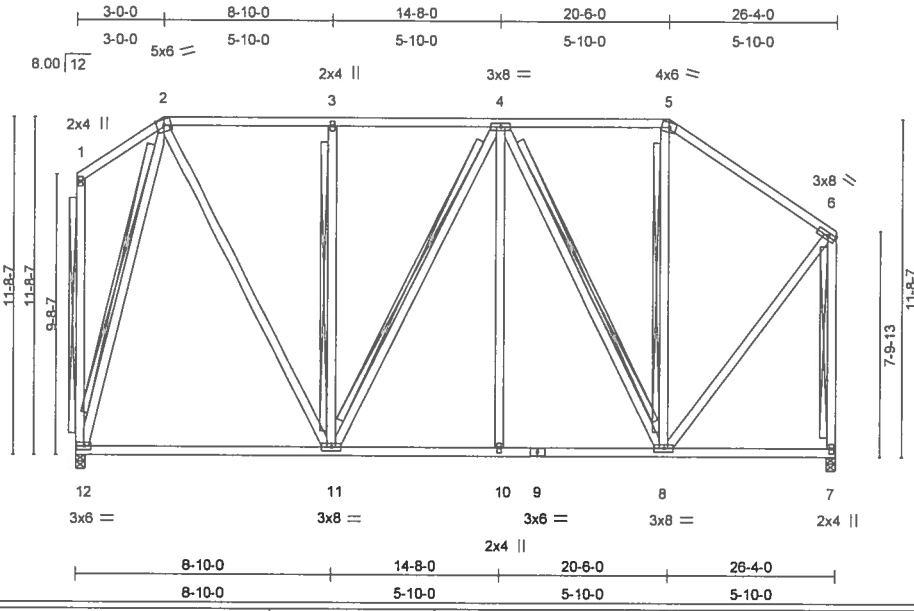
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
105 Serene Bay Blvd
Ponte Vedra, FL 32082

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916193
L262252	T12	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:08 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	-0.13	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.23	11-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.73	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 242 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*
2-11 2 X 4 SYP No.2, 4-11 2 X 4 SYP No.2
4-8 2 X 4 SYP No.1D

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-11, 4-11, 4-8, 5-8, 1-12, 2-12, 6-7
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) 12=833/0-4-0, 7=833/0-4-0
Max Horz 12=-103(load case 4)
Max Uplift 12=-230(load case 4), 7=-203(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-34/53, 2-3=-442/318, 3-4=-442/318, 4-5=-346/299, 5-6=-493/266, 1-12=-51/47, 6-7=-802/391
BOT CHORD 11-12=-112/192, 10-11=-190/484, 9-10=-190/484, 8-9=-190/484, 7-8=-11/14
WEBS 2-11=-287/560, 3-11=-330/234, 4-11=-98/83, 4-10=0/143, 4-8=-353/182, 5-8=-103/93, 2-12=-763/431, 6-8=-202/547

JOINT STRESS INDEX

1 = 0.40, 2 = 0.38, 3 = 0.33, 4 = 0.61, 5 = 0.65, 6 = 0.65, 7 = 0.45, 8 = 0.61, 9 = 0.17, 10 = 0.33, 11 = 0.61 and 12 = 0.51

Continued on page 2

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916193
L262252	T12	HIP	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS 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 230 lb uplift at joint 12 and 203 lb uplift at joint 7.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

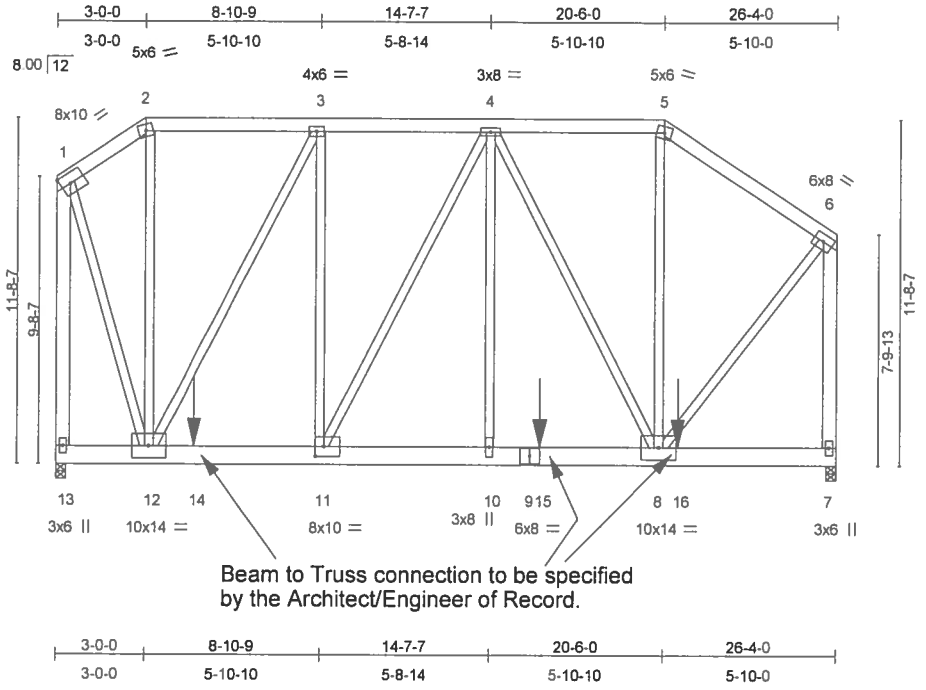
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 S. Marshall Bay Blvd
Lovation Beach, FL 32259

December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES
L262252	T13	HIP	1	3	J1916194
					Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Dec 11 09:28:59 2007 Page 1



Scale = 1:73.5

Plate Offsets (X,Y): [11:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.52	Vert(LL)	-0.08	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.33	Vert(TL)	-0.17	8-10	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.91	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 986 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
1-13 2 X 6 SYP No.1D, 6-7 2 X 6 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 13=7719/0-4-0, 7=7241/0-4-0
Max Horz 13=-102(load case 3)
Max Uplift 13=-1537(load case 3), 7=-1397(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2525/510, 2-3=-2026/440, 3-4=-4316/734, 4-5=-3709/789, 5-6=-4507/894, 1-13=-7670/1500, 6-7=-7280/1397
BOT CHORD 12-13=-71/86, 12-14=-734/4316, 11-14=-734/4316, 10-11=-876/4993, 9-10=-876/4993, 9-15=-876/4993, 8-15=-876/4993, 8-16=-16/44, 7-16=-16/44
WEBS 2-12=-222/1295, 3-12=-5018/725, 3-11=-452/4074, 4-11=-1491/396, 4-10=-450/3636, 4-8=-2853/377, 5-8=-404/2161, 1-12=-1289/6429, 6-8=-1133/5925

JOINT STRESS INDEX
1 = 0.75, 2 = 0.22, 3 = 0.78, 4 = 0.76, 5 = 0.36, 6 = 0.76, 7 = 0.49, 8 = 0.39, 9 = 0.68, 10 = 0.39, 11 = 0.35, 12 = 0.62 and 13 = 0.72

NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 3 rows at 0-4-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

Julius Lee
Truss Design Engineer
[illegible] Mi. Fla. 24-4809
1105 Crandall Bay Blvd
Lovton, CO 80538

December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916194
L262252	T13	HIP	1	3	Job Reference (optional)

NOTES

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All 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 1537 lb uplift at joint 13 and 1397 lb uplift at joint 7.

Loading has been calculated by the truss manufacturer. It is the responsibility of the Architect/Engineer of Record to verify and approve the loading.

LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-5=-54, 5-6=-54, 13-14=-245(F=-235), 14-15=-405(F=-395), 15-16=-512(F=-502), 7-16=-10
   Concentrated Loads (lb)
   Vert: 14=-1770(F) 15=-1770(F) 16=-1770(F)
2) IBC BC Live: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-14, 2-5=-14, 5-6=-14, 13-14=-118(F=-88), 14-15=-225(F=-195), 15-16=-265(F=-235), 7-16=-30
   Concentrated Loads (lb)
   Vert: 14=-1217(F) 15=-1217(F) 16=-1217(F)
9) 1st unbalanced Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-5=-54, 5-6=-14, 13-14=-245(F=-235), 14-15=-405(F=-395), 15-16=-512(F=-502), 7-16=-10
   Concentrated Loads (lb)
   Vert: 14=-1770(F) 15=-1770(F) 16=-1770(F)
10) 2nd unbalanced Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-14, 2-5=-54, 5-6=-54, 13-14=-245(F=-235), 14-15=-405(F=-395), 15-16=-512(F=-502), 7-16=-10
   Concentrated Loads (lb)
   Vert: 14=-1770(F) 15=-1770(F) 16=-1770(F)

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916195
L262252	T14	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Fri Dec 07 14:05:09 2007 Page 1

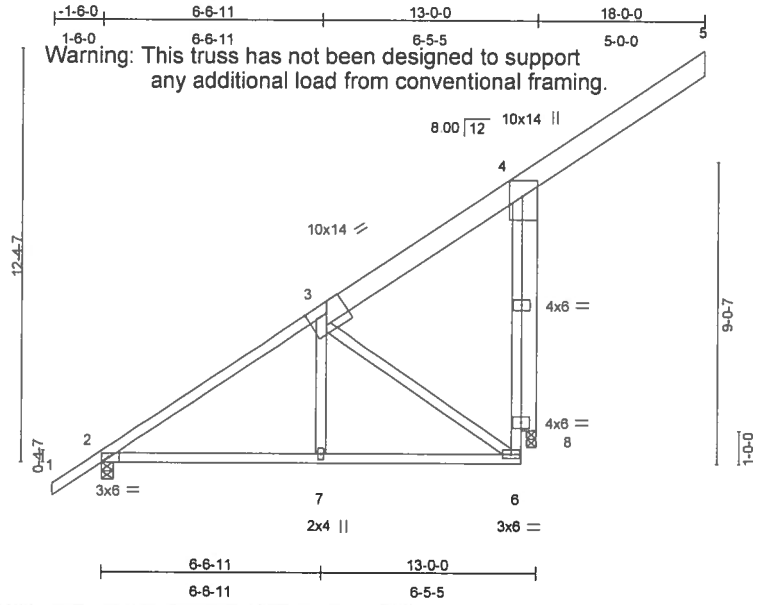

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-5-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.03	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.07	2-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.29	Horz(TL)	0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 121 lb	

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

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

REACTIONS (lb/size) 2=418/0-4-0, 8=757/0-3-8
Max Horz 2=405(load case 6)
Max Uplift 8=-454(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-546/8, 3-4=-574/171, 4-5=-163/0, 6-8=-106/230, 4-8=-535/813
BOT CHORD 2-7=-102/219, 6-7=-103/216
WEBS 3-7=0/211, 3-6=-335/217

JOINT STRESS INDEX
2 = 0.49, 3 = 0.14, 4 = 0.34, 6 = 0.48, 7 = 0.15, 8 = 0.00, 8 = 0.37 and 8 = 0.37

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; 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

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For Gable End Bracing
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December 11,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916195
L262252	T14	MONO TRUSS	2	1	Job Reference (optional)

NOTES

4) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 454 lb uplift at joint 8.

LOAD CASE(S) Standard

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916196
L262252	T15	MONO TRUSS	1	1	Job Reference (optional)

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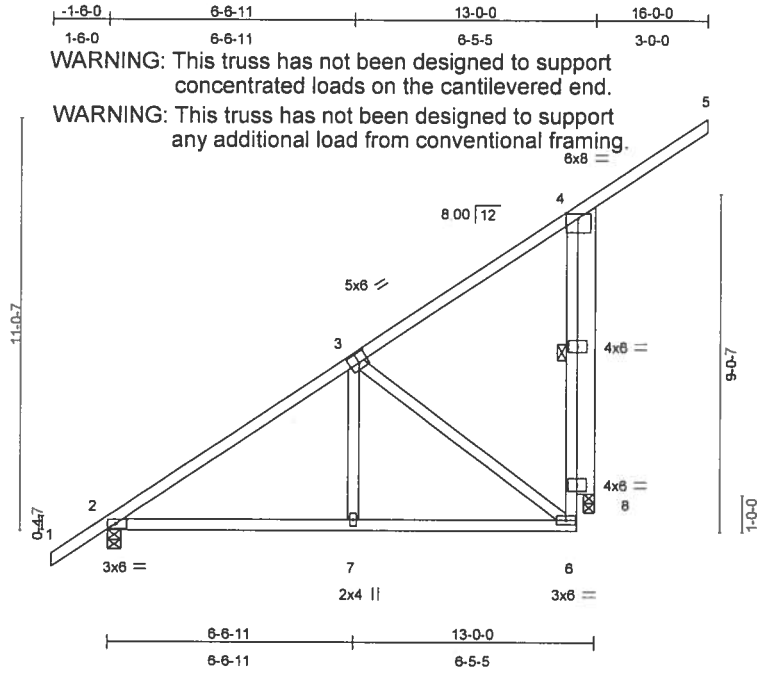

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [3:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.03	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.20	Vert(TL)	-0.07	2-7	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 97 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 6 SYP No.1D

REACTIONS (lb/size) 2=459/0-4-0, 8=609/0-3-8
Max Horz 2=377(load case 6)
Max Uplift 2=-37(load case 6), 8=-319(load case 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 4-6

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-425/0, 3-4=-376/117, 4-5=-104/0, 6-8=-159/249, 4-8=-360/520
BOT CHORD 2-7=-182/272, 6-7=-182/271
WEBS 3-7=0/211, 3-6=-374/298

JOINT STRESS INDEX
2 = 0.46, 3 = 0.35, 4 = 0.74, 6 = 0.49, 7 = 0.15, 8 = 0.00, 8 = 0.27 and 8 = 0.27

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi

Continued on page 2

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December 11,2007

Job	Truss	Truss Type	Qty	Ply	AARON SIMQUE / LOT 135 THE PRESERVES J1916196
L262252	T15	MONO TRUSS	1	1	Job Reference (optional)

NOTES

4) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 2 and 319 lb uplift at joint 8.

LOAD CASE(S) Standard

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December 11,2007