DATE 02/14/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026755

APPLICANT SAMANTHA HARRINGTON PHONE 386.719.7143

ADDRESS 2109 W US HWY 90, STE 170, PMB 338 LAKE CITY FL 32055

OWNER ISAAC CONSTRUCTION PHONE 386.719.7143

ADDRESS 153 SW ASHEVILLE WAY LAKE CITY FL 32024

CONTRACTOR ISAAC BRATKOVICH PHONE 386.719.7143

LOCATION OF PROPERTY 90-W TO C-341,TL TO C-242,TL TO ASHEVILLE RD,TR AND IT'S THE 3RD. LOT ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 121550.00

HEATED FLOOR AREA 1735.00 TOTAL AREA 2431.00 HEIGHT 22.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING PRD MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 25-4S-16-03124-103 SUBDIVISION HICKORY COVE

LOT 3 BLOCK PHASE UNIT TOTAL ACRES 0.32

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC059323	Samantha Harrington

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
WAIVER	08-0152-N	BLK	JTH	N

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 9884

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 610.00 CERTIFICATION FEE $ 12.16 SURCHARGE FEE $ 12.16

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 709.32

INSPECTORS OFFICE CLERKS OFFICE MSG

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Warranty Deed

This Indenture, made this, January 31st, 2008 A.D.
Between

Inst:200812002030 Date:1/31/2008 Time:4:31 PM
Doc Stamp-Deed:59.50
DC,P.DeWitt Cason,Columbia County Page 1 of 1

FRONTIER CAPITAL, LLC, a Florida Limited Liability Company whose post office address is: 426 SW Commerce Dr., Suite 130, Lake City, FL 32025; Grantor and **ISAAC CONSTRUCTION, LLC, a Florida Limited Liability Company** whose post office address is: PMB 338, 2109 W. US Highway 90, Suite 170, Lake City, Florida 32025, Grantee,

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

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

Lot 3, HICKORY COVE, A PLANNED RESIDENTIAL DEVELOPMENT, as per the plat thereof recorded in Plat Book 9, Pages 11-13, of the Public Records of Columbia County, Florida.

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

N.B. Subject to an existing Mortgage to Mercantile Bank, recorded in the Public Records of Columbia County, Florida, which the grantor herein agrees to pay the existing balance thereon.

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

Parcel Identification Number: 03124-103

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

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

FRONTIER CAPITAL, LLC

Signed and Sealed in Our Presence:

By: _____
CHARLES S. SPARKS, MANAGING MEMBER

Witness Print Name: Aaron Nickelson

Witness Print Name: Barbara C Webster

By: _____
ISAAC BRATKOVICH, MANAGING MEMBER

Witness Print Name: Samantha Harrington

Witness Print Name: Aaron Nickelson

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 31st day of January, 2008, by CHARLES S. SPARKS AND ISAAC BRATKOVICH as the Managing Members of FRONTIER CAPITAL, LLC a Limited Liability Company existing under the laws of the State of Florida, on behalf of the company. He/She is personally known to me or has produced DL as identification.

Barbara C. Webster
Commission # DD329279
Expires July 2, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

_____ (Seal)
Notary Public
Notary Printed Name: Barbara C Webster

Attn, WEEGIE

Columbia County Building Department
Culvert Waiver

Culvert Waiver No.
000001556

DATE: 02/14/2008 BUILDING PERMIT NO. 26755

APPLICANT SAMANTHA HARRINGTON PHONE 386.719.7143

ADDRESS 2109 W US HWY 90,STE 170 PMB 338 LAKE CITY FL 32055

OWNER ISAAC CONSTRUCTION PHONE 386.719.7143

ADDRESS 153 SW ASHEVILLE WAY LAKE CITY FL 32024

CONTRACTOR ISAAC BRATKOVICH PHONE 386.719.7143

LOCATION OF PROPERTY 90-W TO C-341,TL TO C-242,TL TO ASHEVILLE RD,TR AND IT'S THE 3RD LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HICKORY COVE 3

PARCEL ID # 25-4S-16-03124-103

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: X [signature]

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: 2-20-08

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

RECEIVED
FEB 19 2008
By______

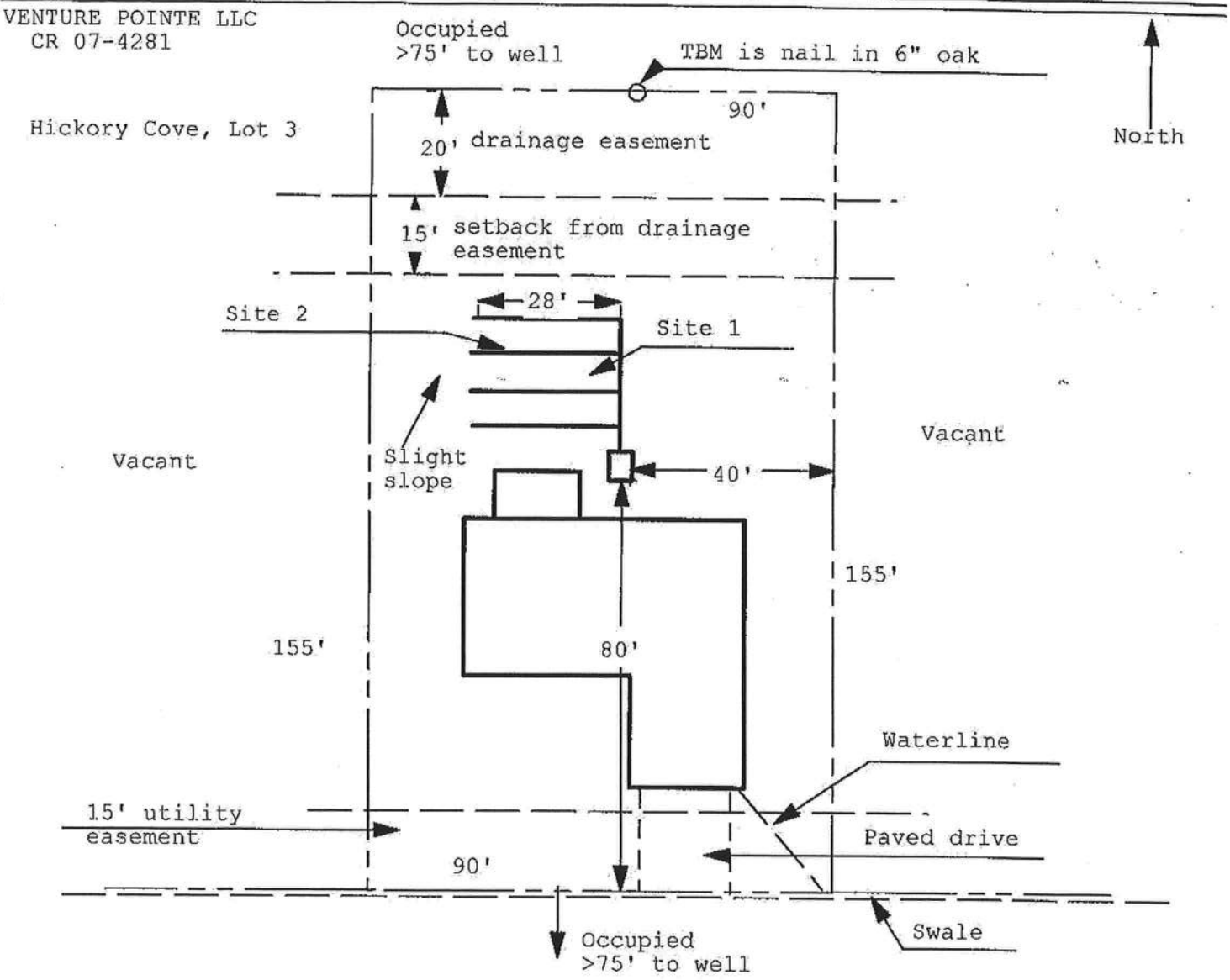
COLUMBIA COUNTY GATEWAY TO FLORIDA

7194157 0801-180

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

Permit Application Number: 08-0152

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



1 inch = 30 feet

Site Plan Submitted By Paul Lloyd Date 2/1/08

Plan Approved ✓ Not Approved ____ Date 2-4-08

By [signature] Columbia CPHU

Notes: ____

Appl. # 0801-180

COLUMBIA COUNTY 9-1-1 ADDRESSING / GIS DEPARTMENT

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

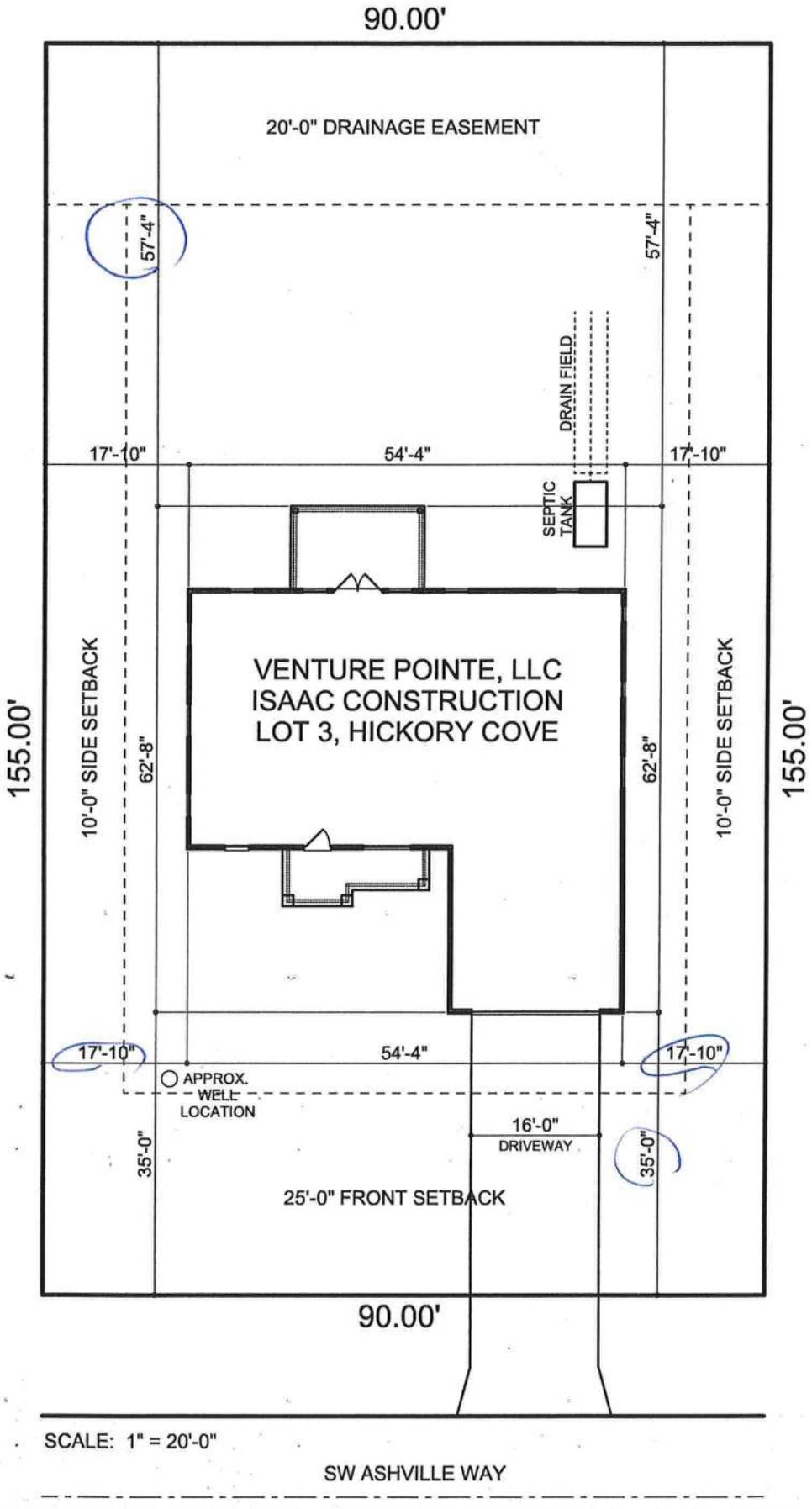
ADDRESS ASSIGNMENT DATA

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

Residential or Other Structure on Parcel Number:
25-4S-16-03124-103 (LOT 3 HICKORY COVE)

Address Assignments:
153 SW ASHEVILLE WAY, LAKE CITY, FL, 32024

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


90.00'
20'-0" DRAINAGE EASEMENT
57'-4"
57'-4"
DRAIN FIELD
17'-10"
54'-4"
17'-10"
SEPTIC TANK
VENTURE POINTE, LLC
ISAAC CONSTRUCTION
LOT 3, HICKORY COVE
155.00'
10'-0" SIDE SETBACK
62'-8"
62'-8"
10'-0" SIDE SETBACK
155.00'
17'-10"
54'-4"
17'-10"
APPROX. WELL LOCATION
16'-0"
DRIVEWAY
35'-0"
35'-0"
25'-0" FRONT SETBACK
90.00'
SCALE: 1" = 20'-0"
SW ASHVILLE WAY

Columbia County Property Appraiser

DB Last Updated: 1/15/2008

2008 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 25-4S-16-03124-103

Owner & Property Info

<< Prev | Search Result: 3 of 14 | Next >>

Owner's Name	FRONTIER CAPITAL		
Site Address	ASHEVILLE		
Mailing Address	P O BOX 3566 LAKE CITY, FL 32056		
Use Desc. (code)	VACANT (000000)		
Neighborhood	25416.00	**Tax District**	2
UD Codes	MKTA01	**Market Area**	01
Total Land Area	0.320 ACRES		
Description	LOT 3 HICKORY COVE.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$17,000.00	**Just Value**	$17,000.00
Ag Land Value	cnt: (0)	$0.00	**Class Value**	$0.00
Building Value	cnt: (0)	$0.00	**Assessed Value**	$20,000.00
XFOB Value	cnt: (0)	$0.00	**Exempt Value**	$0.00
Total Appraised Value		$17,000.00	**Total Taxable Value**	$20,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.320AC)	1.00/1.00/1.00/1.00	$17,000.00	$17,000.00

Columbia County Property Appraiser DB Last Updated: 1/15/2008

<< Prev 3 of 14 Next >>

LOT 3 HICKORY COVE.

FRONTIER CAPITAL
P O BOX 3566
LAKE CITY, FL 32056

25-4S-16-03124-103

Columbia County 2008 R
CARD 001 of 001

PRINTED 1/15/2008 17:40 BY JEFF
APPR 11/29/2007 CM

BUSE AE?
MOD BATH
EXW FIXT
% BDRM
RSTR RMS
RCVR UNTS
% C-W%
INTW HGHT
% PMTR
FLOR STYS
% ECON
HTTP FUNC
A/C SPCD
QUAL DEPR
FNDN UD-1
SIZE UD-2
CEIL UD-3
ARCH UD-4
FRME UD-5
KTCH UD-6
WNDO UD-7
CLAS UD-8
OCC UD-9
COND %
SUB A-AREA % E-AREA SUB VALUE

TOTAL

HTD AREA .000 INDEX 25416.00 DIST 2 PUSE 000000 VACANT
EFF AREA 48.888 E-RATE .000 INDX STR 25- 4S- 16
RCN AYB MKT AREA 01 0 BLDG
%GOOD BLDG VAL EYB (PUD1 0 XFOB
AC .320 17,000 LAND
NTCD 0 AG
APPR CD 0 MKAG
CNDO 17,000 JUST
SUBD 0 CLAS
BLK
LOT 0 SOHD
MAP# 0 ASSD
0 EXPT
TXDT 002 0 COTXBL

FIELD CK:
LOC: 153 ASHEVILLE WAY SW

BLDG TRAVERSE

PERMITS

NUMBER	DESC	AMT	ISSUED

SALE

BOOK	PAGE	DATE	PRICE

GRANTOR
GRANTEE

GRANTOR
GRANTEE

EXTRA FEATURES

AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ UT PR	SPCD %	%GOOD	XFOB VALUE

FIELD CK:

AE	LAND CODE	DESC	ZONE TOPO	ROAD UTIL	UD1 UD2	UD3 UD4	FRONT DEPTH BACK	DT	ADJUSTMENTS	UNITS	UT	PRICE	ADJ UT PR	LAND VALUE
Y	000000	VAC RES	RSF-1 0002	0007 0003					1.00 1.00 1.00 1.00	1.000	LT	17000.000	17000.00	17,000

2008

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Venture Pointe LLC - Model 1735**	Builder:	**Isaac Construction**
Address:	**Lot: 3, Sub: Hickory Cove, Plat:**	Permitting Office:	**Columbia County**
City, State:	**Lake City, FL 32025-**	Permit Number:	
Owner:	**Spec House**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	1735 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) 153.0 ft²	a. Electric Heat Pump	Cap: 32.0 kBtu/hr
b. SHGC:			HSPF: 7.70
(or Clear or Tint DEFAULT) 7b.	(Clear) 153.0 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=5.0, 194.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=13.0, 1083.0 ft²		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 150.0 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, 1850.0 ft²	15. HVAC credits	PT,
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts(Leak Free)		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 25.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

Glass/Floor Area: 0.09 Total as-built points: 18135 Total base points: 23498 **PASS**

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

PREPARED BY: _____

DATE: 1/31/08

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.

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 3, Sub: Hickory Cove, 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	1735.0	18.59	5806.0	1.Double, Clear	W	1.5	8.0	60.0	38.52	0.96	2214.0
				2.Double, Clear	W	11.5	8.0	40.0	38.52	0.46	702.0
				3.Double, Clear	E	1.5	8.0	40.0	42.06	0.96	1611.0
				4.Double, Clear	S	1.5	8.0	8.0	35.87	0.92	264.0
				5.Double, Clear	S	1.5	8.0	5.0	35.87	0.92	165.0
				As-Built Total:				**153.0**			**4956.0**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	150.0	0.70	105.0	1. Frame, Wood, Exterior			13.0	1083.0	1.50		1624.5
Exterior	1083.0	1.70	1841.1	2. Frame, Wood, Adjacent			13.0	150.0	0.60		90.0
Base Total:	**1233.0**		**1946.1**	**As-Built Total:**				**1233.0**			**1714.5**
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	1735.0	1.73	3001.6	1. Under Attic			30.0	1850.0	1.73 X 1.00		3200.5
Base Total:	**1735.0**		**3001.6**	**As-Built Total:**				**1850.0**			**3200.5**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	194.0(p)	-37.0	-7178.0	1. Slab-On-Grade Edge Insulation			5.0	194.0(p	-36.20		-7022.8
Raised	0.0	0.00	0.0								
Base Total:			**-7178.0**	**As-Built Total:**				**194.0**			**-7022.8**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1735.0	10.21	17714.3					1735.0	10.21		17714.3

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 3, Sub: Hickory Cove, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 21455.2			**Summer As-Built Points:**					**20673.3**
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 32000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			20673	1.00	(1.09 x 1.000 x 0.91)	0.260	0.950	5065.0
21455.2	**0.3250**	**6972.9**	**20673.3**	**1.00**	**0.992**	**0.260**	**0.950**	**5065.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 3, Sub: Hickory Cove, 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	1735.0	20.17	6299.0	1.Double, Clear	W	1.5	8.0	60.0	20.73	1.01	1257.0	
				2.Double, Clear	W	11.5	8.0	40.0	20.73	1.20	995.0	
				3.Double, Clear	E	1.5	8.0	40.0	18.79	1.02	766.0	
				4.Double, Clear	S	1.5	8.0	8.0	13.30	1.04	110.0	
				5.Double, Clear	S	1.5	8.0	5.0	13.30	1.04	69.0	
				As-Built Total:				**153.0**			**3197.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	150.0	3.60	540.0	1. Frame, Wood, Exterior			13.0	1083.0	3.40		3682.2	
Exterior	1083.0	3.70	4007.1	2. Frame, Wood, Adjacent			13.0	150.0	3.30		495.0	
Base Total:	**1233.0**		**4547.1**	**As-Built Total:**				**1233.0**			**4177.2**	
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	1735.0	2.05	3556.8	1. Under Attic			30.0	1850.0	2.05 X	1.00	3792.5	
Base Total:	**1735.0**		**3556.8**	**As-Built Total:**				**1850.0**			**3792.5**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	194.0(p)	8.9	1726.6	1. Slab-On-Grade Edge Insulation			5.0	194.0(p	7.60		1474.4	
Raised	0.0	0.00	0.0									
Base Total:			**1726.6**	**As-Built Total:**				**194.0**			**1474.4**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1735.0	-0.59	-1023.6					1735.0	-0.59		-1023.6	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 31 Sub: Hickory Cove, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**15558.8**	**Winter As-Built Points:**					**11929.5**
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 32000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
15558.8	0.5540	8619.6	11929.5	1.000	(1.069 x 1.000 x 0.93) 0.443		0.950	4989.6
			11929.5	**1.00**	**0.994**	**0.443**	**0.950**	**4989.6**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 3, Sub: Hickory Cove, 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
3		2635.00	7905.0	50.0	0.90	3		1.00	2693.56	1.00	8080.7
				As-Built Total:							**8080.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
6973	**8620**	**7905**	**23498**	**5065**	**4990**	**8081**	**18135**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 3, Sub: Hickory Cove, 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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 88.8

The higher the score, the more efficient the home.

Spec House, Lot: 3, Sub: Hickory Cove, 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: 32.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	No				
6.	Conditioned floor area (ft²)	1735 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)	153.0 ft²		a. Electric Heat Pump	Cap: 32.0 kBtu/hr
	b. SHGC:					HSPF: 7.70
	(or Clear or Tint DEFAULT)	7b. (Clear)	153.0 ft²		b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=5.0, 194.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1083.0 ft²				EF: 0.90
	b. Frame, Wood, Adjacent	R=13.0, 150.0 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, 1850.0 ft²		15.	HVAC credits	PT,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts(Leak Free)				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 25.0 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.

Energy Code Compliance

Duct System Performance Report

Project Name:	Venture Pointe LLC - Model 1735	Builder:	Isaac Construction
Address:		Permitting Office:	Columbia County
City, State:	Lake City, FL 32025-	Permit Number:	
Owner:	Spec House	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	**Total House Duct System Leakage**	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ **(Q_n,tot)** ☐ **Receive credit if Q_n,tot≤ 0.03**	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ **(Q_n,out)** ☐ **Receive credit if Q_n,out≤ 0.03 AND Q_n,tot≤ 0.09**

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____

Printed Name: _____

Florida Rater Certification #: _____

DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: http://energygauge.com/search.htp

BUILDING OFFICIAL: _____

DATE: _____

Columbia County Building Department

NOTICE TO PERMITEE: (Pursuant to SS 713.135)
AS A CONDITION OF THE ISSUANCE OF A PERMIT, YOU ***MUST*** PROVIDE A COPY OF THIS NOTICE TO THE PROPERTY OWNER.

Samantha Harrington — Samantha Harrington — 1/31/08
Permitee, Printed Name — Permitee Signature — Date

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

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.

This document explains Florida Statute 713, Part 1, as it pertains to home construction and remodeling, and provides tips on how you can avoid construction liens on your property.

Protecting Yourself

If you hire a contractor and the improvements cost more than $2,500, you should know the following:

- You may be liable if you pay your contractor and he then fails to pay his suppliers or contractors. There is a way to protect yourself: a Release of lien. Before you make any payment, be sure you receive this waiver from suppliers and subcontractors covering the materials used and work performed.
- Request from the contractor, via certified or registered mail, a list of all subcontractors and suppliers who have a contract with the contractor to provide services or materials to your property.
- If your contract calls for partial payments before the work is completed, gets a Partial Release of Lien covering all workers and materials used to that point.
- Before you make the last payment to your contractor, obtain and affidavit that specifies all unpaid parties who performed labor, services or provided materials to your property. Make sure that your contractor obtains releases from these parties before you make the final payment.
- Always file a Notice of Commencement before beginning a home construction or remodeling project. The local authority that issues building permits is required to provide this form. You must record the form with the Clerk of the Circuit Court in the county where the property being improved is located. Also post a certified copy at the job site. (In lieu of a certified copy, you may post an affidavit stating that a Notice of commencement has been recorded. Attach a copy of the Notice of commencement to the affidavit.)

- In addition, the building department is prohibited from performing the first inspecti9on if the Notice of Commencement is not also filed with the building department. You can also supply a notarized statement that the Notice has been filed, with a copy attached.

DBPR Customer Contact Center
1940 North Monroe Street
Tallahassee, Florida
32399-1027
Website: http://www.myflolrida.com/dbpr/
Phone
850 487-1395
Fax: 850 488-1830
Email
CallCenter@dbpr.state.fl.us
INTERNET
www.MyFlorida.com

The Notice of Commencement notes the intent to begin improvements, the location of the property, description of the work and the amount of bond (if any). It also identifies the property owner, contractor, surety, lender and other pertinent information. Failure to record a Notice of Commencement or incorrect information of the Notice could contribute to your having to pay twice for the same work or materials.

Whose Responsibility Is It To Get These Releases?
You can stipulate in the agreement with your contractor that he must provide all releases of lien. If it is not a part of the contract, however, or you act as your own contractor, YOU must get the releases. If you borrow money to pay for the improvements and the lender pays the contractor(s) directly, instruct the lender to get releases before making any payments. If your lender then fails to follow the legal requirements, the lending institution may be responsible to you for any loss.

What Can Happen If I Don't Get Releases of Lien?

You will not be able to sell your property unless all outstanding liens are paid. Sometimes a landowner can even be forced to sell his property to satisfy a lien.

Who Can Claim a Lien on My property?

Contractors, laborers, material suppliers, subcontractors and professionals such as architects, landscape architects, interior designers, engineers or land surveyors all have the right to file a claim of lien for work or materials. Always get a release of lien from anyone who does work on y our home.

Additional Tips on Home Construction

- Verify that your contractor is properly licensed. Information regarding licensing can be found below.
- If you intend to get financing, consult with your lender or an attorney before recording your Notice of Commencement.
- Insist that the contractor/remodeler secures a building permit and adheres to all building codes and ordinances.

Information All Construction Contracts Should Contain

- The contractor's name, address, telephone number and contractor's license number.
- A precise description of work and materials to be supplied. The contract should specify the grade of construction, flooring and trim materials to be used. Don't accept the phrase "or equivalent", the contract should specify appliance models and alternates for models not available.
- A beginning date.
- A completion date.
- A complete list of companies or individuals supplying the contractor with labor or materials. Be sure they are insured so you are protected against theft or damage to their supplies or work.
- Financing information and the payment schedule.
- All necessary building permits or licenses.
- Agreement regarding site clean-up and debris disposal.
- All warranty agreements.

Ask for explanations and clarifications of legal terms or confusing language. Be sure you understand completely what you are signing: **Remember,** promises are difficult to enforce unless they are in writing. Even for small jobs, have a written contract spelling out the details. Be wary of anyone who says, "We don't need to bother putting it in writing." Some contractors require a down payment of 10-30 percent of the total and an additional payment at the halfway point. Pay only when the work is done to your satisfaction and you have releases of lien as described above. If the completion date if critical, like a swimming pool planned for summertime use, link payment to on-time performance. Changes to a contract after construction has begun can cost you.
Specify in the contract how changes are to be handled and insist that all change orders be in writing and signed by both you and the contractor.

Cancellation of Contracts

Some home repair/improvement contracts can be canceled in writing (preferably by certified mail? Without penalty or obligation by midnight of the third business day after signing. They include:

- Those signed anywhere other than the seller's normal place of business.
- Those signed as a result of door-to-door solicitation, except emergency home repairs.
- Those paid on an installment basis. Other contracts are binding as soon as they are signed, so be sure before you sign.

Things You Should Know Before Starting

The most frequently cited complaints concerning home remodeling; home improvements and home repair are cost overruns, missed deadlines and inferior workmanship. Another persistent problem is "fly-bynight" contractors who take deposits or payments before finishing or starting work. When you need something done to your home, choose a contractor carefully. Be wary of door-to-door salespeople and telephone solicitors promising "this-month-only" bargains. Make sure your contractor is properly licensed and insured. The Construction Lien Law is complex and cannot be covered completely in this document. We recommend that whenever a specific problem arises, you consult an attorney.

To register a complaint (or to learn if Complaints have been filed against a prospective contractor)

Call:
Florida Department of Business and Professional Regulation, Customer Contact Center 850 487-1395

Email:
CallCenter@dbpr.state.fl.us

Write:
Florida Department of Business and Professional Regulation
1940 North Monroe Street
Tallahassee, Florida 32399-1027

Or go online to:
www.MyFlorida.com

Click on Business and Professional Licenses
To check al license on the Internet 24 hours a day, please visit www.MyFlorida.com and click on Business and Professional Licenses, then Search for a Licensee.
License verification is available 24/7 by calling our Customer Contract Center at 850 487-1395
You may also contact your local building department or the Better Business Bureau.

Builders FirstSource

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER
January 31, 2008

Project Information for: **L267271**

Builder: Isaac Construction
Lot : 3
Subdivision: Hickory Cove
County: Columbia
Truss Count: 27
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

Gravity: **Wind:**

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

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

Contractor of Record, responsible for structural engineering:
Isaac P. Bratkovich Florida License No. CBC059323
Address: 1005 Southwest Walter Avenue Lake City, Florida 32024

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

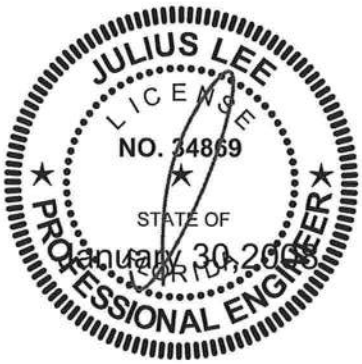
Notes:

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 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Date
1	J1924498	CJ1	1/9/08
2	J1924499	CJ3	1/9/08
3	J1924500	CJ5	1/9/08
4	J1924501	EJ7	1/9/08
5	J1924502	EJ7A	1/9/08
6	J1924503	EJ7B	1/9/08
7	J1924504	EJ7C	1/9/08
8	J1924505	EJ7D	1/9/08
9	J1924506	EJ7G	1/9/08
10	J1924507	HJ9	1/9/08
11	J1924508	T01	1/9/08
12	J1924509	T01G	1/9/08
13	J1924510	T02	1/9/08
14	J1924511	T02G	1/9/08
15	J1924512	T03	1/9/08
16	J1924513	T04	1/9/08
17	J1924514	T05	1/9/08
18	J1924515	T06	1/9/08
19	J1924516	T06G	1/9/08
20	J1924517	T07	1/9/08
21	J1924518	T08	1/9/08
22	J1924519	T09	1/9/08
23	J1924520	T09G	1/9/08
24	J1924521	T10G	1/9/08
25	J1924522	T11G	1/9/08
26	J1924523	T12	1/9/08
27	J1924524	T13	1/9/08

0801-180

Builders FirstSource



Project Information for: L267271

Builder: Isaac Construction
Lot : 3
Subdivision: Hickory Cove
County: Columbia
Truss Count: 27
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

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

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

Contractor of Record, responsible for structural engineering:
Isaac P. Bratkovich Florida License No. CBC059323
Address: 1005 Southwest Walter Avenue Lake City, Florida 32024

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 sections 3 c) & 5 and Chapter 2 of the National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2002 for additional information on the responsibilities of the delegated "Truss Design Engineer". Builders FirstSource and Julius Lee, PE do not accept any additional delegations beyond the scope of work described in the referenced documents above.

No.	Drwg. #	Truss ID	Date
1	J1924498	CJ1	1/9/08
2	J1924499	CJ3	1/9/08
3	J1924500	CJ5	1/9/08
4	J1924501	EJ7	1/9/08
5	J1924502	EJ7A	1/9/08
6	J1924503	EJ7B	1/9/08
7	J1924504	EJ7C	1/9/08
8	J1924505	EJ7D	1/9/08
9	J1924506	EJ7G	1/9/08
10	J1924507	HJ9	1/9/08
11	J1924508	T01	1/9/08
12	J1924509	T01G	1/9/08
13	J1924510	T02	1/9/08
14	J1924511	T02G	1/9/08
15	J1924512	T03	1/9/08
16	J1924513	T04	1/9/08
17	J1924514	T05	1/9/08
18	J1924515	T06	1/9/08
19	J1924516	T06G	1/9/08
20	J1924517	T07	1/9/08
21	J1924518	T08	1/9/08
22	J1924519	T09	1/9/08
23	J1924520	T09G	1/9/08
24	J1924521	T10G	1/9/08
25	J1924522	T11G	1/9/08
26	J1924523	T12	1/9/08
27	J1924524	T13	1/9/08

Job	Truss	Truss Type	Qty	Ply	J1924498
	CJ1	JACK	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:39:55 2008 Page 1

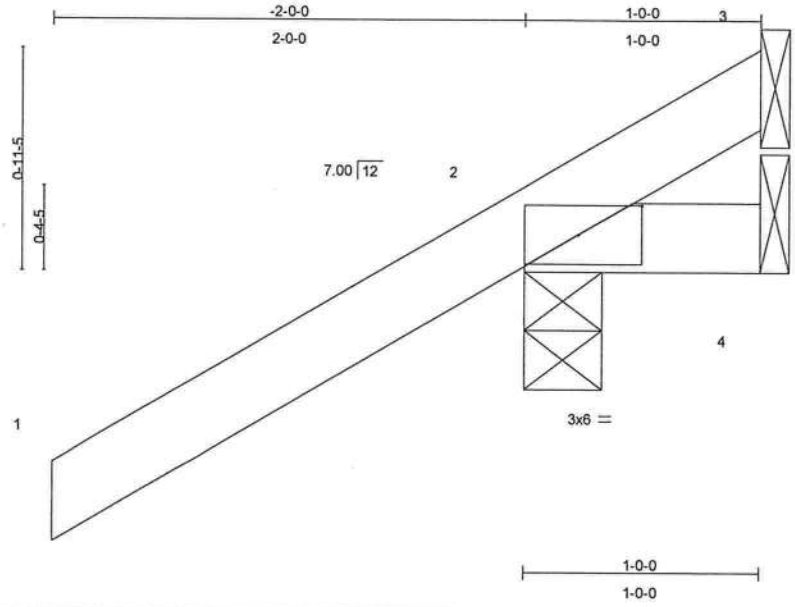


Plate Offsets (X,Y): [2:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.27	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: 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 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=257/0-4-0, 4=5/Mechanical, 3=-91/Mechanical
Max Horz 2=101(load case 6)
Max Uplift 2=-296(load case 6), 4=-11(load case 4), 3=-91(load case 1)
Max Grav 2=257(load case 1), 4=14(load case 2), 3=137(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/53, 2-3=-78/87
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

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

Continued on page 2

January 9,2008

Job	Truss	Truss Type	Qty	Ply	J1924498
	CJ1	JACK	4	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 296 lb uplift at joint 2, 11 lb uplift at joint 4 and 91 lb uplift at joint 3.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33436

January 9,2008

Job	Truss	Truss Type	Qty	Ply	J1924499
	CJ3	JACK	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:39:56 2008 Page 1

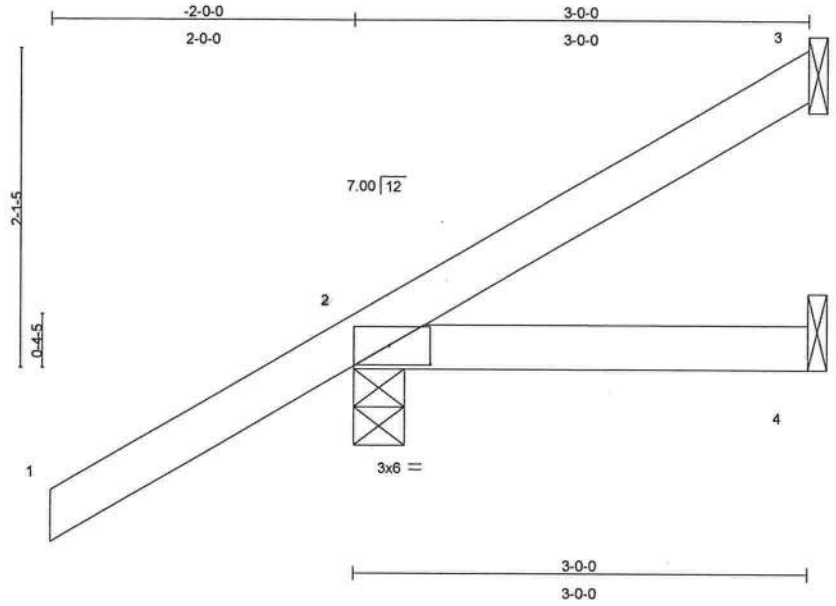


Plate Offsets (X,Y): [2:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/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=29/Mechanical, 2=251/0-4-0, 4=14/Mechanical
Max Horz 2=154(load case 6)
Max Uplift 3=-30(load case 7), 2=-237(load case 6), 4=-33(load case 4)
Max Grav 3=31(load case 4), 2=251(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-65/15
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

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Job	Truss	Truss Type	Qty	Ply	J1924499
	CJ3	JACK	4	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 3, 237 lb uplift at joint 2 and 33 lb uplift at joint 4.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924500
	CJ5	JACK	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:39:56 2008 Page 1

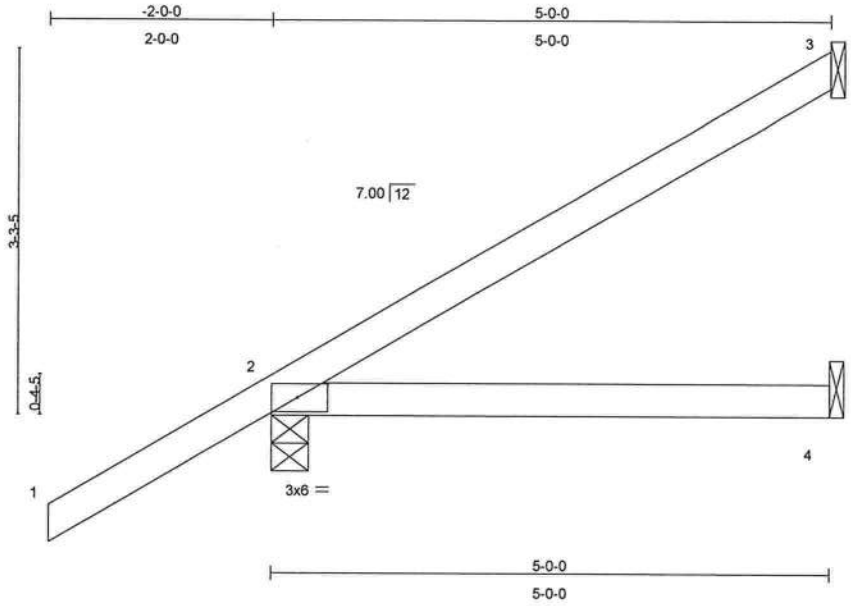

Plate Offsets (X,Y): [2:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	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: 20 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=102/Mechanical, 2=296/0-4-0, 4=24/Mechanical
Max Horz 2=207(load case 6)
Max Uplift 3=-95(load case 6), 2=-252(load case 6), 4=-56(load case 4)
Max Grav 3=102(load case 1), 2=296(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-81/40
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

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Job	Truss	Truss Type	Qty	Ply	J1924500
	CJ5	JACK	4	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 95 lb uplift at joint 3, 252 lb uplift at joint 2 and 56 lb uplift at joint 4.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924501
	EJ7	MONO TRUSS	9	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:39:57 2008 Page 1

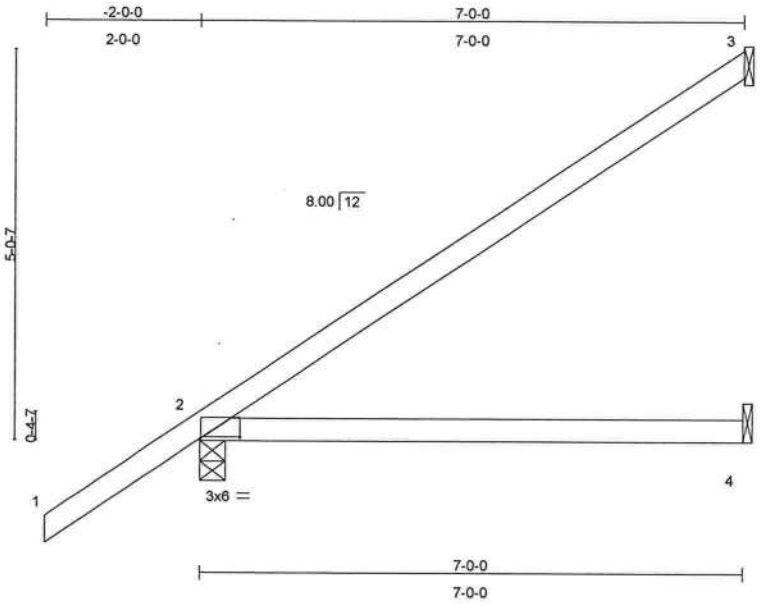

Plate Offsets (X,Y): [2:0-6-3,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.08	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.16	2-4	>497	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 27 lb	

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

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

REACTIONS (lb/size) 3=153/Mechanical, 2=352/0-4-0, 4=45/Mechanical
Max Horz 2=215(load case 6)
Max Uplift 3=-102(load case 6), 2=-120(load case 6)
Max Grav 3=153(load case 1), 2=352(load case 1), 4=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-130/66
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.59

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
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 102 lb uplift at joint 3 and 120 lb uplift at joint 2.

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Job	Truss	Truss Type	Qty	Ply	J1924501
	EJ7	MONO TRUSS	9	1	Job Reference (optional)

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924502
	EJ7A	SPECIAL	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:39:58 2008 Page 1

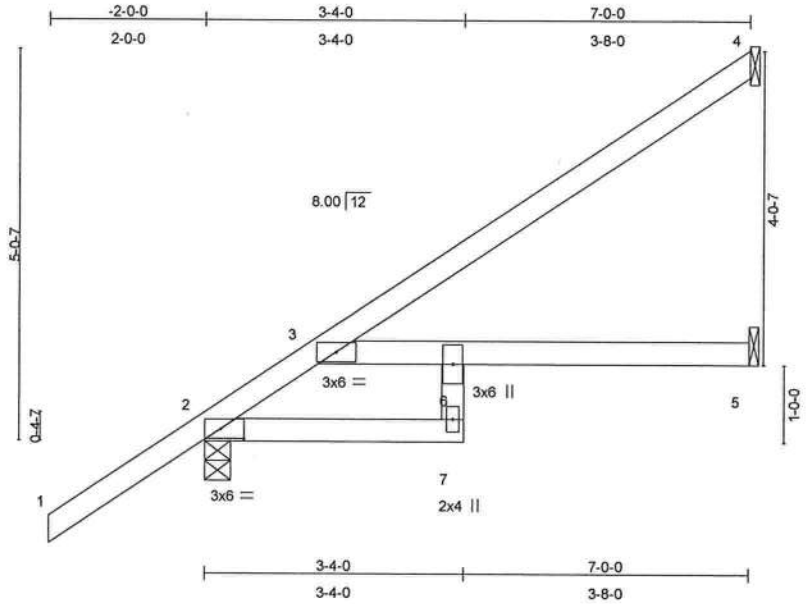

Plate Offsets (X,Y): [2:0-3-9,0-1-8]

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	5-6	>858	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.17	5-6	>492	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.05	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 31 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
6-7 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=133/Mechanical, 2=364/0-4-0, 5=71/Mechanical
Max Horz 2=215(load case 6)
Max Uplift 4=-86(load case 6), 2=-113(load case 6), 5=-2(load case 6)
Max Grav 4=133(load case 1), 2=364(load case 1), 5=111(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-278/0, 3-4=-106/57
BOT CHORD 2-7=-118/177, 6-7=0/50, 3-6=-177/118, 5-6=0/0

JOINT STRESS INDEX
2 = 0.52, 3 = 0.69, 6 = 0.57 and 7 = 0.43

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
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 86 lb uplift at joint 4, 113 lb uplift at joint 2 and 2 lb uplift at joint 5.

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Job	Truss	Truss Type	Qty	Ply	J1924502
	EJ7A	SPECIAL	4	1	Job Reference (optional)

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924503
	EJ7B	SPECIAL	1	1	Job Reference (optional)

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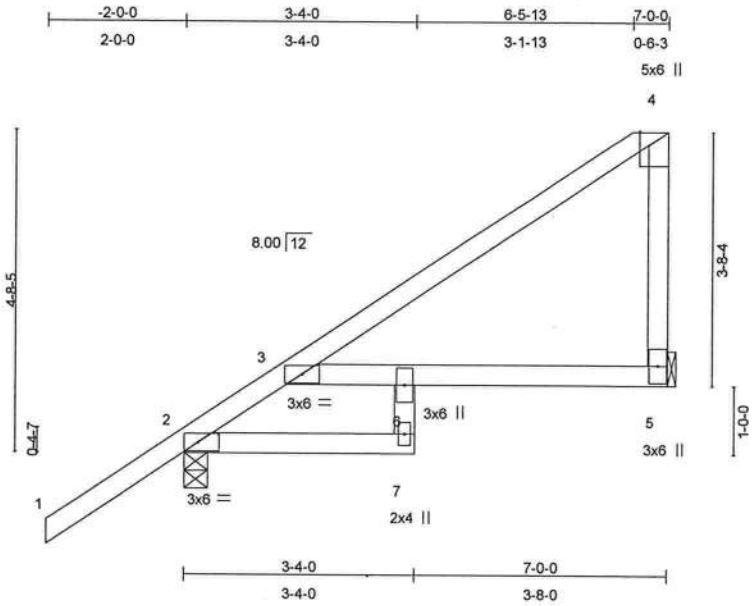

Scale = 1:31.5

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [4:0-2-6,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	0.43	Vert(LL)	0.05	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.08	5-6	>988	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 35 lb	

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

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

REACTIONS (lb/size) 5=195/Mechanical, 2=350/0-4-0
Max Horz 2=213(load case 6)
Max Uplift 5=-89(load case 6), 2=-120(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-240/0, 3-4=-144/18, 4-5=-116/138
BOT CHORD 2-7=-100/139, 6-7=0/48, 3-6=-83/54, 5-6=-47/56

JOINT STRESS INDEX
2 = 0.49, 3 = 0.62, 4 = 0.41, 5 = 0.26, 6 = 0.44 and 7 = 0.36

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
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 89 lb uplift at joint 5 and 120 lb uplift at joint 2.

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Job	Truss	Truss Type	Qty	Ply	J1924503
	EJ7B	SPECIAL	1	1	Job Reference (optional)

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924504
	EJ7C	MONO HIP	1	1	Job Reference (optional)

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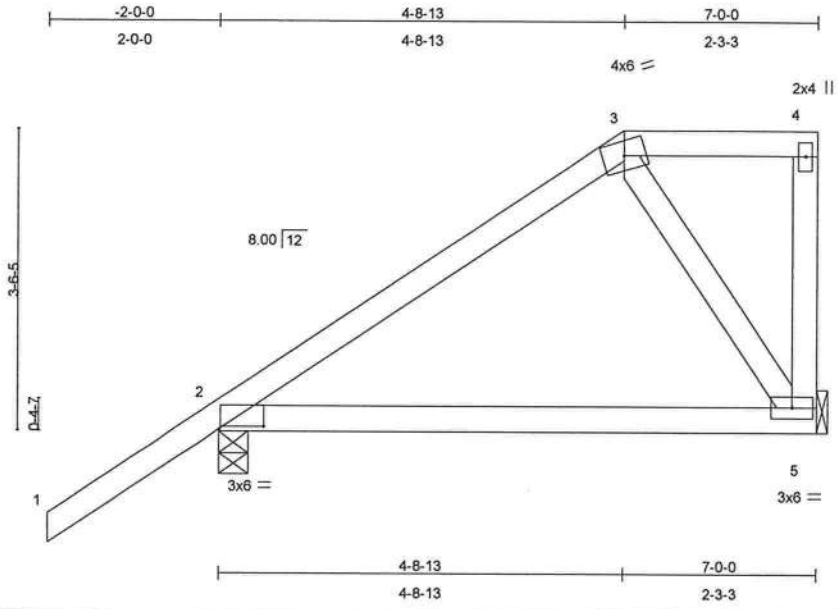

Plate Offsets (X,Y): [2:0-6-3,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.04	2-5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.13	Vert(TL)	-0.08	2-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 36 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) 5=195/Mechanical, 2=350/0-4-0
Max Horz 2=168(load case 6)
Max Uplift 5=-57(load case 5), 2=-143(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-196/39, 3-4=-35/0, 4-5=-26/44
BOT CHORD 2-5=-91/100
WEBS 3-5=-164/186

JOINT STRESS INDEX
2 = 0.60, 3 = 0.21, 4 = 0.23 and 5 = 0.41

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

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Job	Truss	Truss Type	Qty	Ply	J1924504
	EJ7C	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 57 lb uplift at joint 5 and 143 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924505
	EJ7D	MONO TRUSS	2	1	Job Reference (optional)

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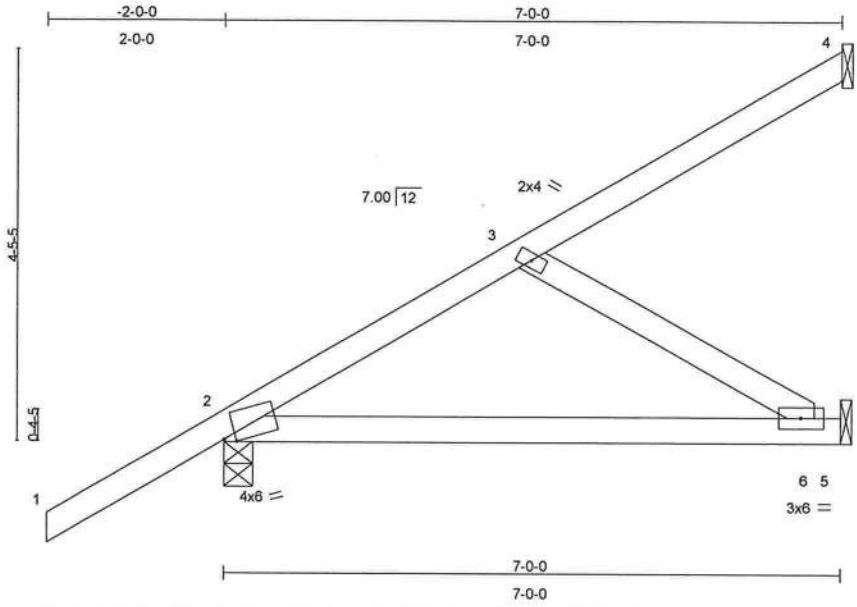

Plate Offsets (X,Y): [2:0-1-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	0.18	2-6	>462	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.11	2-6	>755	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 32 lb	

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

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

REACTIONS (lb/size) 4=80/Mechanical, 2=352/0-4-0, 5=118/Mechanical
Max Horz 2=188(load case 6)
Max Uplift 4=-51(load case 6), 2=-216(load case 6), 5=-115(load case 6)
Max Grav 4=80(load case 1), 2=352(load case 1), 5=128(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-239/68, 3-4=-57/31
BOT CHORD 2-6=-226/165, 5-6=0/0
WEBS 3-6=-192/263

JOINT STRESS INDEX
2 = 0.80, 3 = 0.14 and 6 = 0.07

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

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Job	Truss	Truss Type	Qty	Ply	J1924505
	EJ7D	MONO TRUSS	2	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 51 lb uplift at joint 4, 216 lb uplift at joint 2 and 115 lb uplift at joint 5.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924506
	EJ7G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:40:00 2008 Page 1

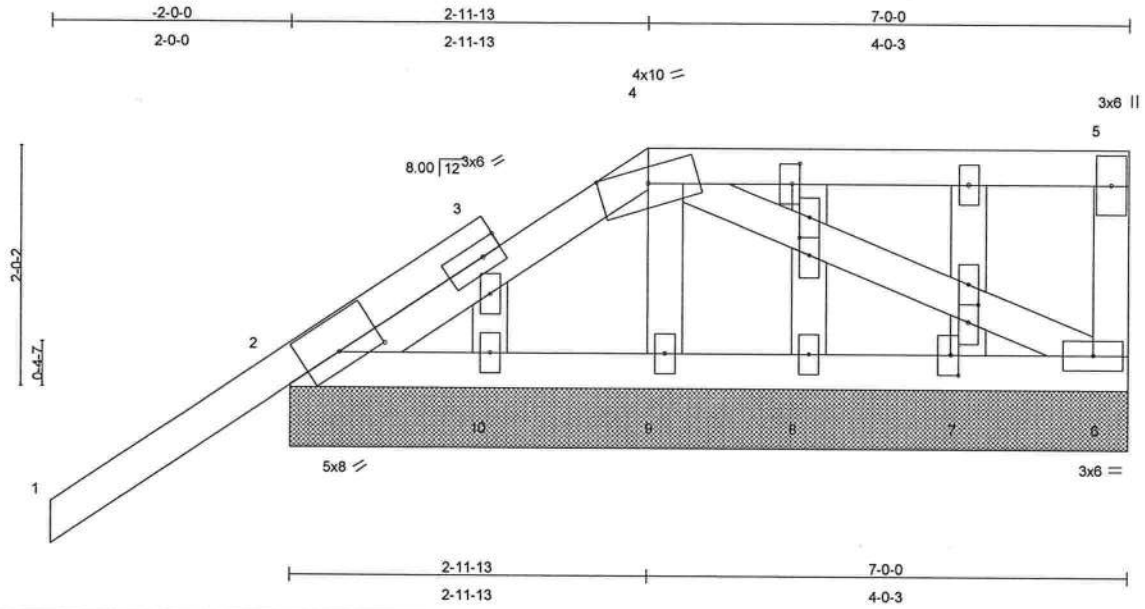

Plate Offsets (X,Y): [2:0-4-5,0-1-12], [7:0-2-0,0-0-12], [12:0-1-12,0-1-0], [13:0-2-0,0-0-12], [14:0-1-12,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.01	1	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.04	1	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.06	Horz(TL)	-0.00	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 42 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=532/7-0-0, 6=261/7-0-0, 9=335/7-0-0, 7=-28/7-0-0, 8=17/7-0-0, 10=-39/7-0-0
Max Horz 2=162(load case 6)
Max Uplift 2=-364(load case 6), 6=-194(load case 4), 9=-170(load case 5), 7=-28(load case 1), 10=-39(load case 1)
Max Grav 2=532(load case 1), 6=261(load case 1), 9=335(load case 1), 7=41(load case 4), 8=40(load case 2), 10=66(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-45/123, 2-3=-214/129, 3-4=-63/83, 4-5=-84/81, 5-6=-219/212
BOT CHORD	2-10=-121/113, 9-10=-121/113, 8-9=-99/86, 7-8=-99/86, 6-7=-99/86
WEBS	4-9=-308/257, 4-6=-3/19

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JOINT STRESS INDEX

2 = 0.73, 3 = 0.00, 3 = 0.29, 4 = 0.43, 5 = 0.32, 6 = 0.29, 7 = 0.00, 8 = 0.00, 9 = 0.14, 10 = 0.00, 11 = 0.00, 12 = 0.00, 12 = 0.00, 13 = 0.00, 14 = 0.00, 14 = 0.00, 15 = 0.00 and 15 = 0.00

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Job	Truss	Truss Type	Qty	Ply	
	EJ7G	GABLE	1	1	J1924506 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 gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
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) 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 364 lb uplift at joint 2, 194 lb uplift at joint 6, 170 lb uplift at joint 9, 28 lb uplift at joint 7 and 39 lb uplift at joint 10.
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: 1-4=-114(F=-60), 4-5=-114(F=-60), 2-6=-10

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Job	Truss	Truss Type	Qty	Ply	J1924507
	HJ9	MONO TRUSS	2	1	Job Reference (optional)

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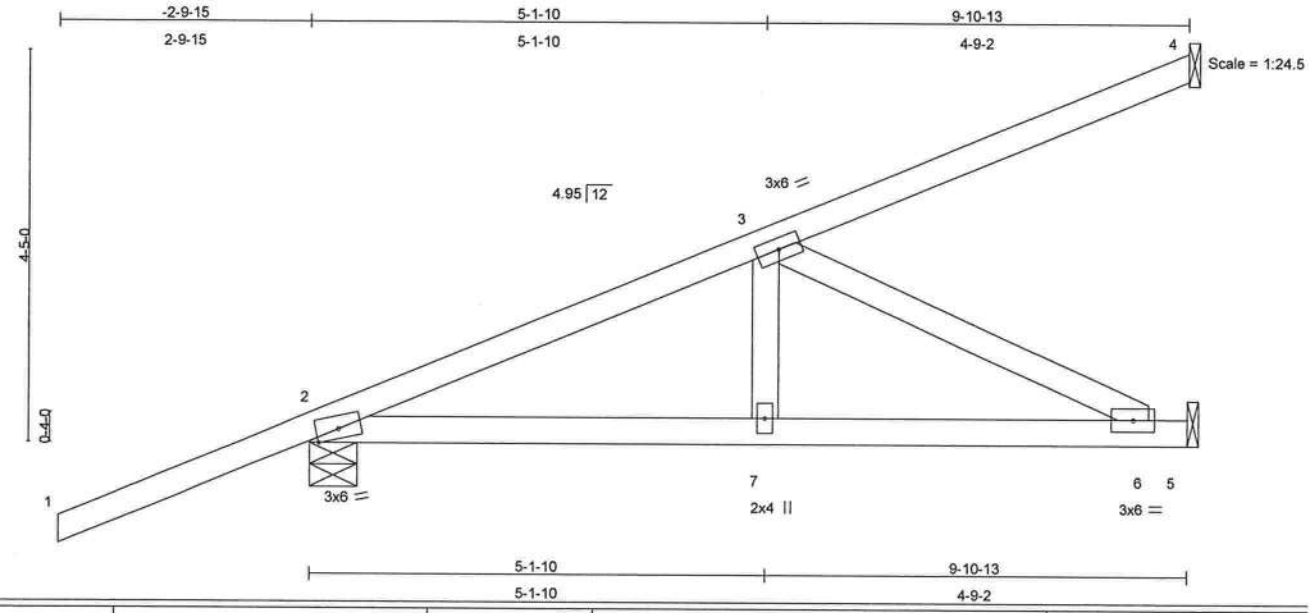

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.55	Vert(LL)	0.06	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.31	Vert(TL)	-0.07	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.22	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(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 9-0-4 oc bracing.

REACTIONS (lb/size) 4=233/Mechanical, 2=458/0-6-7, 5=251/Mechanical
Max Horz 2=317(load case 5)
Max Uplift 4=-219(load case 5), 2=-384(load case 5), 5=-219(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/58, 2-3=-512/220, 3-4=-112/65
BOT CHORD 2-7=-419/446, 6-7=-419/446, 5-6=0/0
WEBS 3-7=-99/192, 3-6=-498/468

JOINT STRESS INDEX
2 = 0.85, 3 = 0.20, 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 219 lb uplift at joint 4, 384 lb uplift at joint 2 and 219 lb uplift at joint 5.

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Job	Truss	Truss Type	Qty	Ply	J1924507
	HJ9	MONO TRUSS	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=-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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Job	Truss	Truss Type	Qty	Ply	J1924508
	T01	COMMON	10	1	Job Reference (optional)

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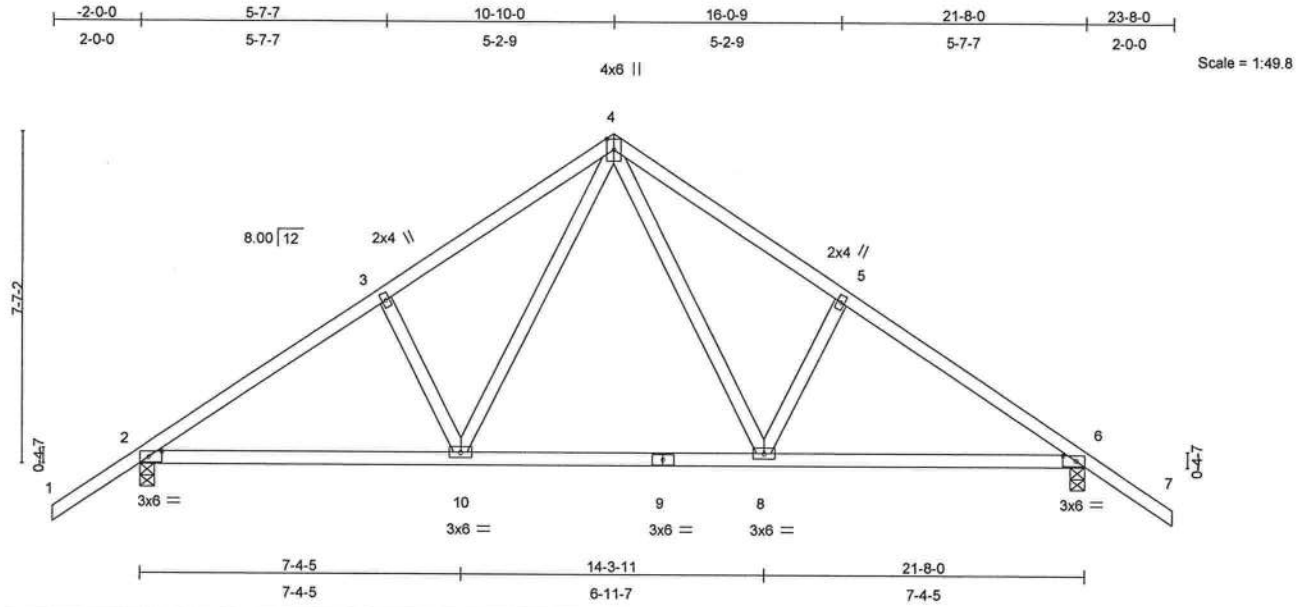

Plate Offsets (X,Y): [2:0-3-9,0-1-8], [6:0-3-9,0-1-8]

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)	0.18	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.31	8-10	>813	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.32	Horz(TL)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 113 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 5-3-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1008/0-4-0, 6=1008/0-4-0
Max Horz 2=200(load case 5)
Max Uplift 2=-297(load case 6), 6=-297(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/60, 2-3=-1368/585, 3-4=-1232/641, 4-5=-1232/641, 5-6=-1368/585, 6-7=0/60
BOT CHORD 2-10=-294/1050, 9-10=-85/726, 8-9=-85/726, 6-8=-294/1050
WEBS 3-10=-220/214, 4-10=-279/561, 4-8=-279/561, 5-8=-220/214

JOINT STRESS INDEX
2 = 0.69, 3 = 0.33, 4 = 0.56, 5 = 0.33, 6 = 0.69, 8 = 0.46, 9 = 0.66 and 10 = 0.46

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

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Job	Truss	Truss Type	Qty	Ply	J1924508
	T01	COMMON	10	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 297 lb uplift at joint 2 and 297 lb uplift at joint 6.
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, 2-10=-10, 8-10=-70(F=-60), 6-8=-10

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Job	Truss	Truss Type	Qty	Ply	J1924509
	T01G	GABLE	1	1	Job Reference (optional)

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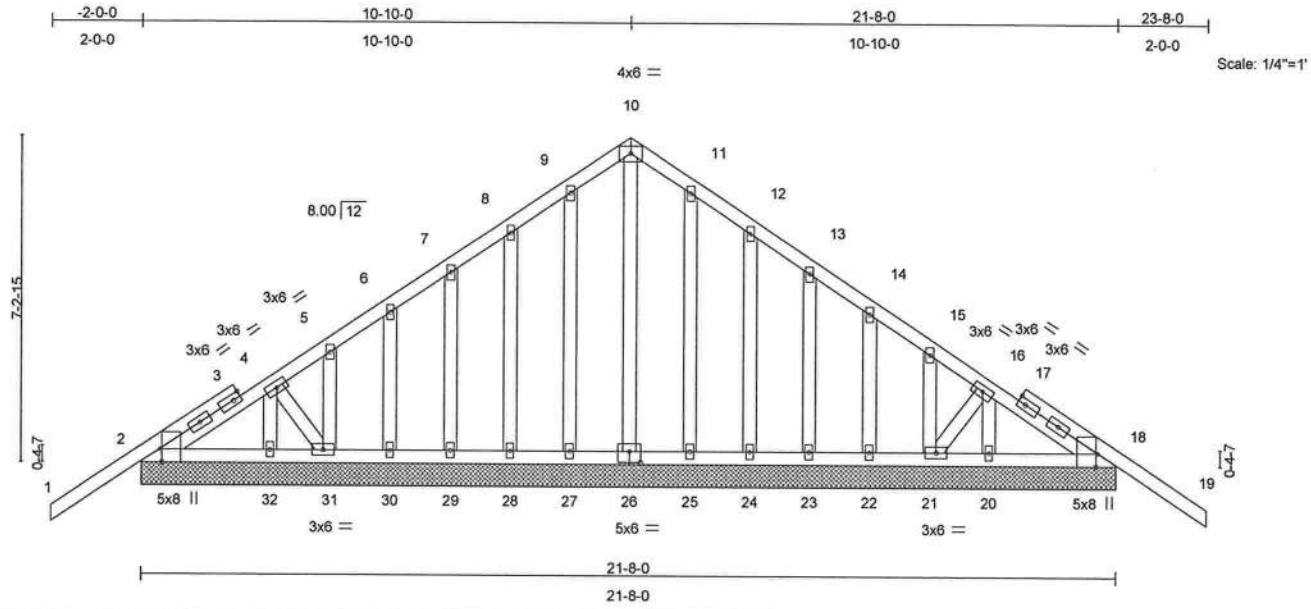

Plate Offsets (X,Y): [2:0-3-8,Edge], [18:0-3-8,Edge], [26:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.04	19	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.07	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: 163 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3
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=500/21-8-0, 18=500/21-8-0, 26=145/21-8-0, 27=164/21-8-0, 28=166/21-8-0, 29=166/21-8-0, 30=164/21-8-0, 31=194/21-8-0, 32=145/21-8-0, 25=164/21-8-0, 24=166/21-8-0, 23=166/21-8-0, 22=164/21-8-0, 21=194/21-8-0, 20=145/21-8-0

Max Horz 2=247(load case 5)

Max Uplift 2=-301(load case 6), 18=-335(load case 7), 27=-84(load case 6), 28=-117(load case 6), 29=-110(load case 6), 30=-105(load case 6), 31=-201(load case 6), 25=-77(load case 7), 24=-119(load case 7), 23=-110(load case 7), 22=-105(load case 7), 21=-220(load case 7)

Max Grav 2=500(load case 1), 18=500(load case 1), 26=145(load case 1), 27=165(load case 10), 28=166(load case 10), 29=166(load case 1), 30=164(load case 10), 31=196(load case 10), 32=145(load case 1), 25=165(load case 11), 24=166(load case 11), 23=166(load case 1), 22=164(load case 11), 21=196(load case 11), 20=145(load case 1)

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Job	Truss	Truss Type	Qty	Ply	J1924509
	T01G	GABLE	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-23/123, 2-3=-149/173, 3-4=-153/165, 4-5=-154/144, 5-6=-121/141, 6-7=-88/137, 7-8=-62/158, 8-9=-63/197, 9-10=-62/211, 10-11=-62/210, 11-12=-63/184, 12-13=-62/131, 13-14=-62/85, 14-15=-62/52, 15-16=-64/52, 16-17=-33/47, 17-18=-149/53, 18-19=-23/123

BOT CHORD 2-32=-56/141, 31-32=-56/141, 30-31=-29/206, 29-30=-29/206, 28-29=-29/206, 27-28=-29/206, 26-27=-29/206, 25-26=-29/206, 24-25=-29/206, 23-24=-29/206, 22-23=-29/206, 21-22=-29/206, 20-21=-13/129, 18-20=-13/129

WEBS 10-26=-132/8, 9-27=-152/92, 8-28=-153/125, 7-29=-152/117, 6-30=-153/117, 5-31=-148/122, 4-32=-142/16, 11-25=-152/85, 12-24=-153/127, 13-23=-152/116, 14-22=-153/118, 15-21=-148/119, 16-20=-142/22, 4-31=-36/105, 16-21=-36/120

JOINT STRESS INDEX

2 = 0.69, 3 = 0.00, 3 = 0.32, 3 = 0.32, 4 = 0.41, 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 = 0.41, 17 = 0.00, 17 = 0.32, 17 = 0.32, 18 = 0.69, 20 = 0.33, 21 = 0.40, 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 = 0.40 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 301 lb uplift at joint 2, 335 lb uplift at joint 18, 84 lb uplift at joint 27, 117 lb uplift at joint 28, 110 lb uplift at joint 29, 105 lb uplift at joint 30, 201 lb uplift at joint 31, 77 lb uplift at joint 25, 119 lb uplift at joint 24, 110 lb uplift at joint 23, 105 lb uplift at joint 22 and 220 lb uplift at joint 21.
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=-114(F=-60), 10-19=-114(F=-60), 2-18=-10

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Job	Truss	Truss Type	Qty	Ply	J1924510
	T02	COMMON	6	1	Job Reference (optional)

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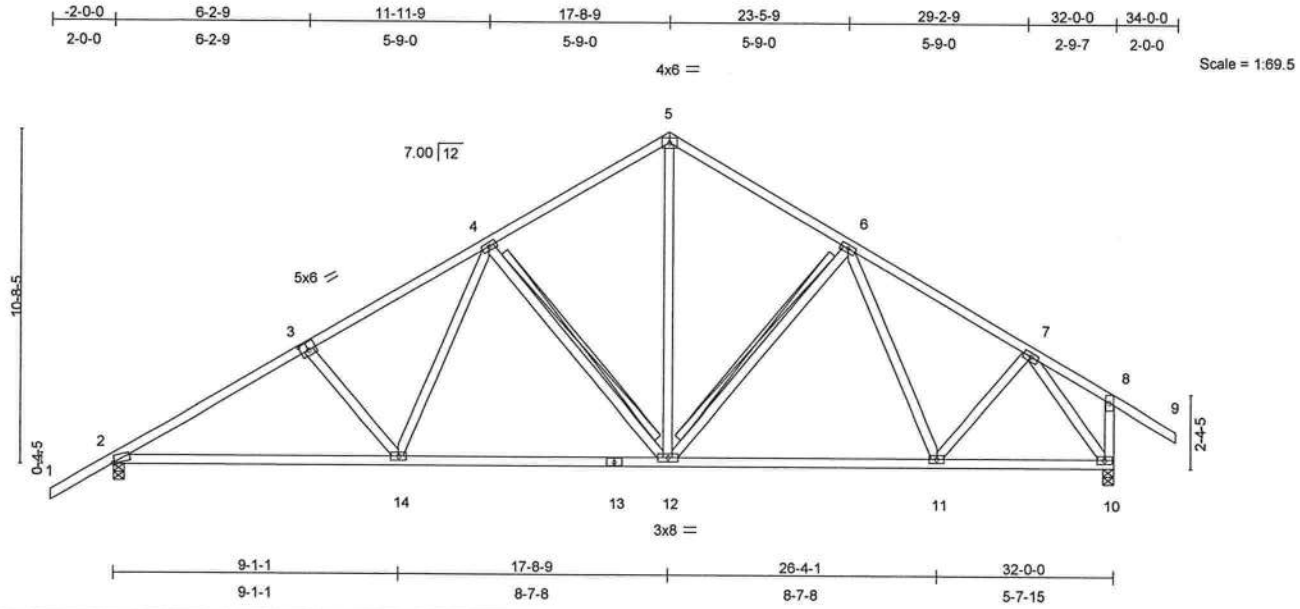

Plate Offsets (X,Y): [2:0-0-11,Edge], [3:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.13	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.26	2-14	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.06	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 195 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-2-9 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-12, 6-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1131/0-4-0, 10=1130/0-4-0
Max Horz 2=316(load case 5)
Max Uplift 2=-319(load case 6), 10=-293(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-1663/739, 3-4=-1458/730, 4-5=-973/593, 5-6=-975/594, 6-7=-1035/559, 7-8=-31/119, 8-9=0/58, 8-10=-164/226
BOT CHORD 2-14=-468/1354, 13-14=-267/1069, 12-13=-267/1069, 11-12=-197/891, 10-11=-165/646
WEBS 3-14=-262/236, 4-14=-135/365, 4-12=-480/338, 5-12=-386/592, 6-12=-248/227, 6-11=-161/65, 7-11=-20/289, 7-10=-1155/453

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JOINT STRESS INDEX
2 = 0.76, 3 = 0.44, 4 = 0.40, 5 = 0.51, 6 = 0.40, 7 = 0.36, 8 = 0.32, 10 = 0.41, 11 = 0.47, 12 = 0.56, 13 = 0.35 and 14 = 0.47

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Job	Truss	Truss Type	Qty	Ply	J1924510
	T02	COMMON	6	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; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 319 lb uplift at joint 2 and 293 lb uplift at joint 10.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924511
	T02G	GABLE	1	1	Job Reference (optional)

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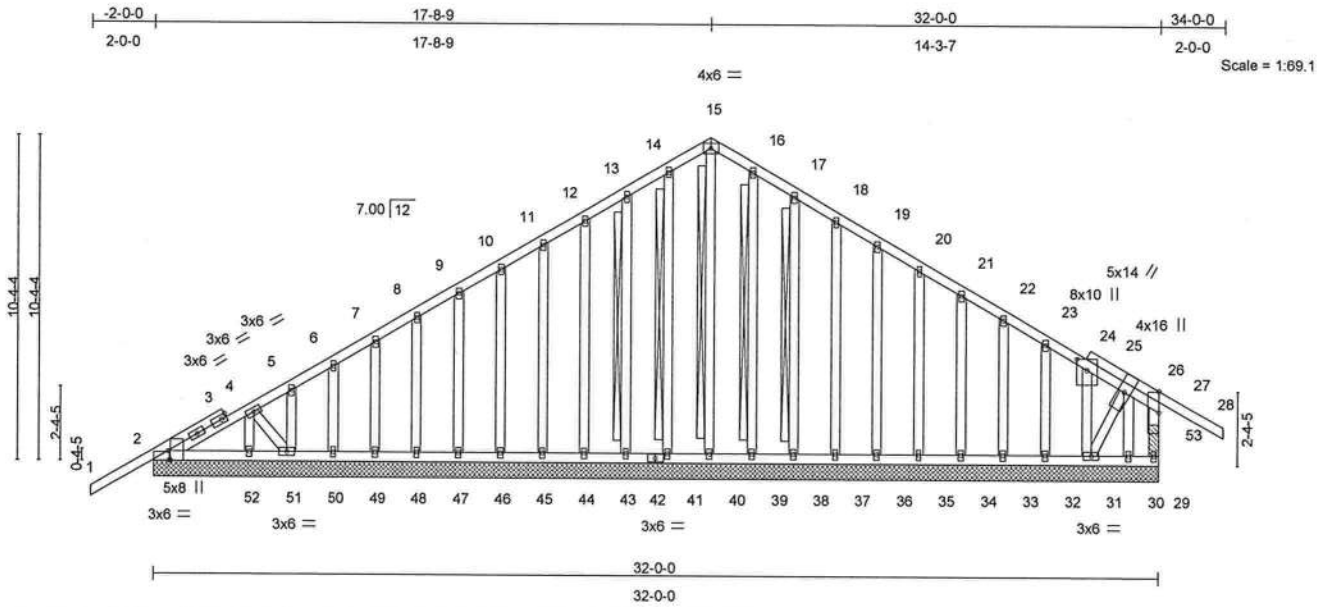

Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-7,Edge], [25:0-4-5,0-4-0], [27:0-8-2,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.05	27-28	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.09	27-28	n/r	90		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.16	Horz(TL)	0.01	29	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 307 lb	

LUMBER

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

BRACING

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

BOT CHORD — Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 30-31,29-30.

WEBS — T-Brace: 2 X 4 SYP No.3 - 15-40, 14-41, 13-43, 16-39, 17-38
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.

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REACTIONS (lb/size) 2=501/32-0-0, 29=477/32-0-0, 40=153/32-0-0, 41=164/32-0-0, 43=166/32-0-0, 44=165/32-0-0, 45=165/32-0-0, 46=165/32-0-0, 47=165/32-0-0, 48=165/32-0-0, 49=165/32-0-0, 50=166/32-0-0, 51=185/32-0-0, 52=174/32-0-0, 39=164/32-0-0, 38=166/32-0-0, 37=165/32-0-0, 36=165/32-0-0, 35=165/32-0-0, 34=165/32-0-0, 33=165/32-0-0, 32=170/32-0-0, 31=68/32-0-0, 30=52/32-0-0

Max Horz 2=391(load case 5)

Max Uplift 2=-276(load case 6), 29=-281(load case 7), 40=-22(load case 5), 41=-64(load case 5), 43=-114(load case 6), 44=-103(load case 6), 45=-102(load case 6), 46=-103(load case 6), 47=-103(load case 6), 48=-103(load case 6), 49=-104(load case 6), 50=-99(load case 6), 51=-203(load case 6), 39=-49(load case 7), 38=-116(load case 7), 37=-104(load case 7), 36=-102(load case 7), 35=-103(load case 7), 34=-103(load case 7), 33=-102(load case 7), 32=-113(load case 7), 31=-227(load case 7), 30=-20(load case 5)

Max Grav 2=501(load case 1), 29=477(load case 1), 40=172(load case 7), 41=165(load case 10), 43=167(load case 10), 44=165(load case 1), 45=165(load case 1), 46=165(load case 10), 47=165(load case 1), 48=165(load case 1), 49=165(load case 1), 50=166(load case 10), 51=186(load case 10), 52=174(load case 1), 39=165(load case 11), 38=167(load case 11), 37=165(load case 1), 36=165(load case 1), 35=165(load case 11), 34=165(load case 1), 33=165(load case 11), 32=170(load case 1), 31=83(load case 5), 30=167(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-21/112, 2-3=-249/251, 3-4=-266/245, 4-5=-280/230, 5-6=-253/228, 6-7=-225/224, 7-8=-197/221, 8-9=-169/217, 9-10=-142/214, 10-11=-114/218, 11-12=-86/247, 12-13=-58/276, 13-14=-52/311, 14-15=-51/321, 15-16=-51/321, 16-17=-52/311, 17-18=-51/265, 18-19=-51/226, 19-20=-51/187, 20-21=-51/147, 21-22=-51/108, 22-23=-52/69, 23-24=-48/48, 24-25=-35/49, 25-26=-61/49, 26-27=-102/143, 27-28=-21/110, 29-53=-497/371, 27-53=-497/372

BOT CHORD 2-52=-104/151, 51-52=-104/151, 50-51=-69/193, 49-50=-69/193, 48-49=-69/193, 47-48=-69/193, 46-47=-69/193, 45-46=-69/193, 44-45=-69/193, 43-44=-69/193, 42-43=-69/193, 41-42=-69/193, 40-41=-69/193, 39-40=-69/193, 38-39=-69/193, 37-38=-69/193, 36-37=-69/193, 35-36=-69/193, 34-35=-69/193, 33-34=-69/193, 32-33=-69/193, 31-32=-69/193, 30-31=-29/89, 29-30=-29/90

WEBS 15-40=-172/30, 14-41=-152/72, 13-43=-153/122, 12-44=-152/111, 11-45=-152/110, 10-46=-152/111, 9-47=-152/111, 8-48=-152/111, 7-49=-152/111, 6-50=-154/111, 5-51=-142/112, 4-52=-165/12, 16-39=-152/57, 17-38=-153/124, 18-37=-152/112, 19-36=-152/110, 20-35=-152/111, 21-34=-152/111, 22-33=-152/110, 23-32=-156/118, 25-31=-131/51, 26-30=-236/36, 26-31=-107/238, 4-51=-36/121

JOINT STRESS INDEX

2 = 0.66, 2 = 0.21, 3 = 0.00, 3 = 0.34, 3 = 0.34, 4 = 0.40, 5 = 0.33, 6 = 0.33, 7 = 0.33, 8 = 0.33, 9 = 0.33, 10 = 0.33, 11 = 0.33, 12 = 0.33, 13 = 0.33, 14 = 0.33, 15 = 0.26, 16 = 0.33, 17 = 0.33, 18 = 0.33, 19 = 0.33, 20 = 0.33, 21 = 0.33, 22 = 0.33, 23 = 0.33, 24 = 0.00, 25 = 0.25, 26 = 0.25, 27 = 0.59, 29 = 0.54, 29 = 0.00, 30 = 0.33, 31 = 0.45, 32 = 0.33, 33 = 0.33, 34 = 0.33, 35 = 0.33, 36 = 0.33, 37 = 0.33, 38 = 0.33, 39 = 0.33, 40 = 0.33, 41 = 0.33, 42 = 0.15, 43 = 0.33, 44 = 0.33, 45 = 0.33, 46 = 0.33, 47 = 0.33, 48 = 0.33, 49 = 0.33, 50 = 0.33, 51 = 0.38, 52 = 0.33, 53 = 0.00 and 53 = 0.00

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; end vertical 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) 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

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Job	Truss	Truss Type	Qty	Ply	J1924511
	T02G	GABLE	1	1	Job Reference (optional)

NOTES

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 276 lb uplift at joint 2, 281 lb uplift at joint 29, 22 lb uplift at joint 40, 64 lb uplift at joint 41, 114 lb uplift at joint 43, 103 lb uplift at joint 44, 102 lb uplift at joint 45, 103 lb uplift at joint 46, 103 lb uplift at joint 47, 103 lb uplift at joint 48, 104 lb uplift at joint 49, 99 lb uplift at joint 50, 203 lb uplift at joint 51, 49 lb uplift at joint 39, 116 lb uplift at joint 38, 104 lb uplift at joint 37, 102 lb uplift at joint 36, 103 lb uplift at joint 35, 103 lb uplift at joint 34, 102 lb uplift at joint 33, 113 lb uplift at joint 32, 227 lb uplift at joint 31 and 20 lb uplift at joint 30.
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: 1-15=-114(F=-60), 15-27=-114(F=-60), 27-28=-114(F=-60), 2-29=-10

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Job	Truss	Truss Type	Qty	Ply	J1924512
	T03	SPECIAL	1	1	Job Reference (optional)

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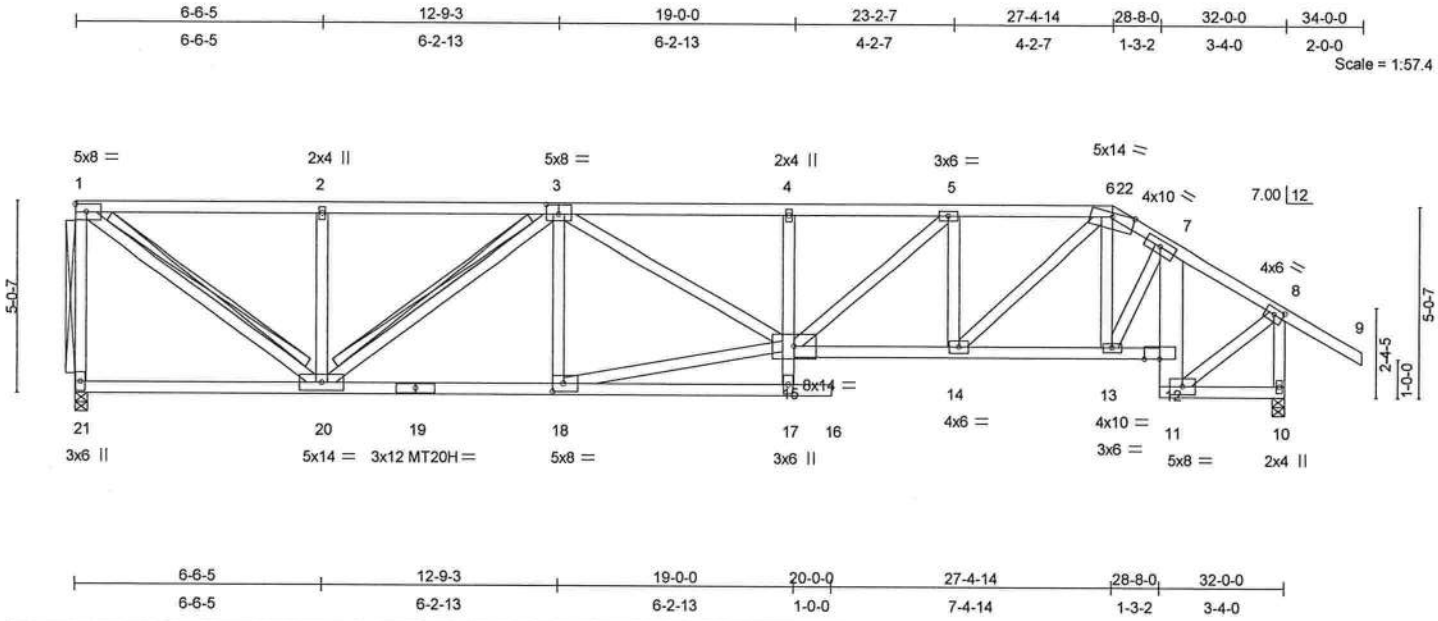

Plate Offsets (X,Y): [3:0-4-0,0-3-0], [8:0-2-14,0-2-0], [18:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.29	16	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.85	Vert(TL)	-0.55	16	>695	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.95	Horz(TL)	0.20	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 218 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except*
4-17 2 X 4 SYP No.3, 12-15 2 X 4 SYP No.1D
7-11 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
1-21 2 X 4 SYP No.2, 15-18 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-4-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-3-7 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 1-21, 1-20, 3-20
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) 21=2202/0-4-0, 10=2319/0-4-0
Max Horz 21=180(load case 4)
Max Uplift 21=-772(load case 4), 10=-674(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-21=-2121/802, 1-2=-2460/856, 2-3=-2460/856, 3-4=-4534/1553, 4-5=-4549/1550, 5-22=-3739/1240, 6-22=-3739/1240, 6-7=-2633/795, 7-8=-1811/583, 8-9=0/58, 8-10=-2235/655
BOT CHORD 20-21=-210/82, 19-20=-1415/3614, 18-19=-1415/3614, 17-18=-103/349, 16-17=0/0, 15-17=0/181, 4-15=-614/335, 14-15=-1421/3738, 13-14=-876/2273, 12-13=-734/1958, 11-12=-927/293, 7-12=-979/296, 10-11=-15/49
WEBS 1-20=-1029/2964, 2-20=-765/421, 3-20=-1450/476, 3-18=-421/302, 15-18=-1329/3309, 3-15=-374/1080, 5-15=-409/1070, 6-14=-729/1959, 6-13=-298/233, 7-13=-291/630, 8-11=-564/1830, 5-14=-1170/529

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JOINT STRESS INDEX

1 = 0.65, 2 = 0.34, 3 = 0.67, 4 = 0.37, 5 = 0.65, 6 = 0.80, 7 = 0.36, 8 = 0.86, 10 = 0.82, 11 = 0.51, 12 = 0.77, 13 = 0.54, 14 = 0.85, 15 = 0.66, 17 = 0.53, 18 = 0.76, 19 = 0.83, 20 = 0.87 and 21 = 0.46

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Job	Truss	Truss Type	Qty	Ply	J1924512
	T03	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; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are MT20 plates unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 772 lb uplift at joint 21 and 674 lb uplift at joint 10.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-22=-117(F=-63), 6-22=-54, 6-8=-54, 8-9=-54, 17-21=-22(F=-12), 16-17=-22(F=-12), 13-15=-22(F=-12), 12-13=-85(F=-75), 10-11=-85(F=-75)

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Job	Truss	Truss Type	Qty	Ply	J1924513
	T04	SPECIAL	1	1	Job Reference (optional)

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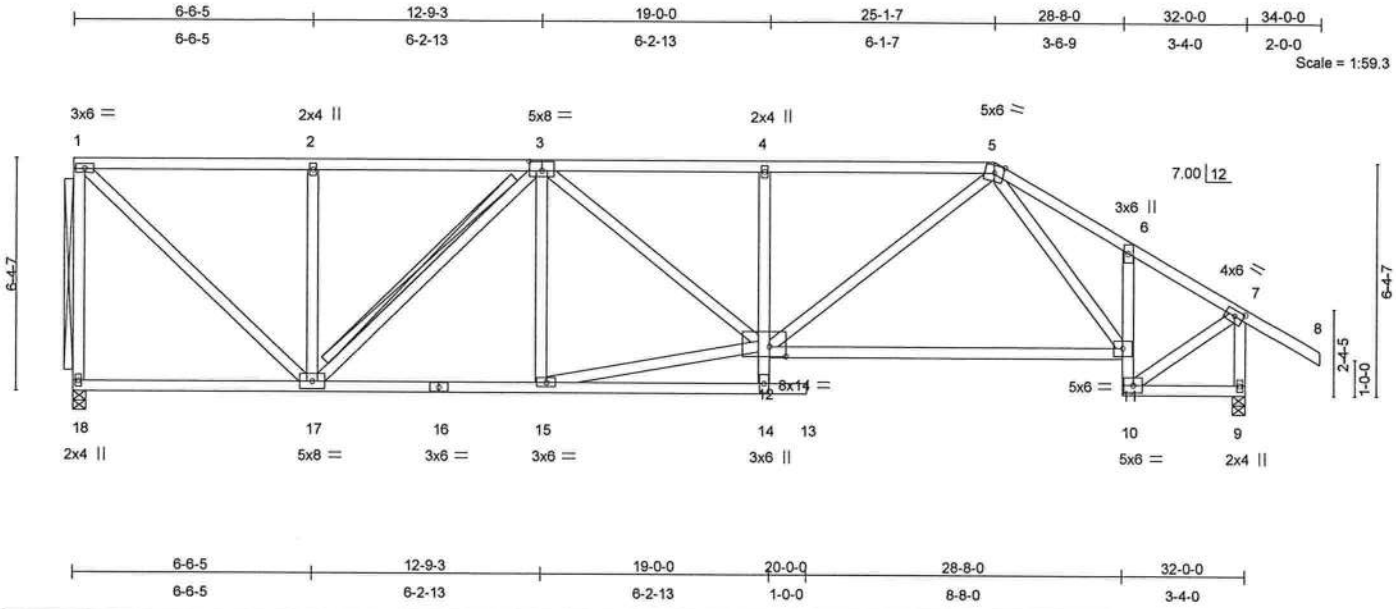

Plate Offsets (X,Y): [3:0-4-0,0-3-0], [7:0-2-14,0-2-0], [12:0-5-5,0-3-2]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.22	11-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.88	Vert(TL)	-0.47	11-12	>815	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.85	Horz(TL)	0.16	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 215 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 1-18, 3-17
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) 18=1015/0-4-0, 9=1141/0-4-0
Max Horz 18=-239(load case 7)
Max Uplift 18=-338(load case 5), 9=-233(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-18=-979/551, 1-2=-887/475, 2-3=-887/475, 3-4=-1571/804, 4-5=-1592/806, 5-6=-1123/577, 6-7=-933/470, 7-8=0/58, 7-9=-1246/634
BOT CHORD 17-18=-23/321, 16-17=-421/1300, 15-16=-421/1300, 14-15=-85/23, 13-14=0/0, 12-14=0/127, 4-12=-339/242, 11-12=-270/1059, 10-11=-403/167, 6-11=-196/122, 9-10=-32/89
WEBS 1-17=-637/1190, 2-17=-360/261, 3-17=-576/323, 3-15=-154/99, 12-15=-371/1294, 3-12=-127/354, 5-12=-259/685, 5-11=-209/223, 7-10=-330/937

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Job	Truss	Truss Type	Qty	Ply	J1924513
	T04	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.73, 2 = 0.33, 3 = 0.34, 4 = 0.34, 5 = 0.42, 6 = 0.67, 7 = 0.73, 9 = 0.73, 10 = 0.70, 11 = 0.79, 12 = 0.44, 14 = 0.29, 15 = 0.69, 16 = 0.47, 17 = 0.55 and 18 = 0.66

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; end vertical 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) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 338 lb uplift at joint 18 and 233 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924514
	T05	SPECIAL	1	1	Job Reference (optional)

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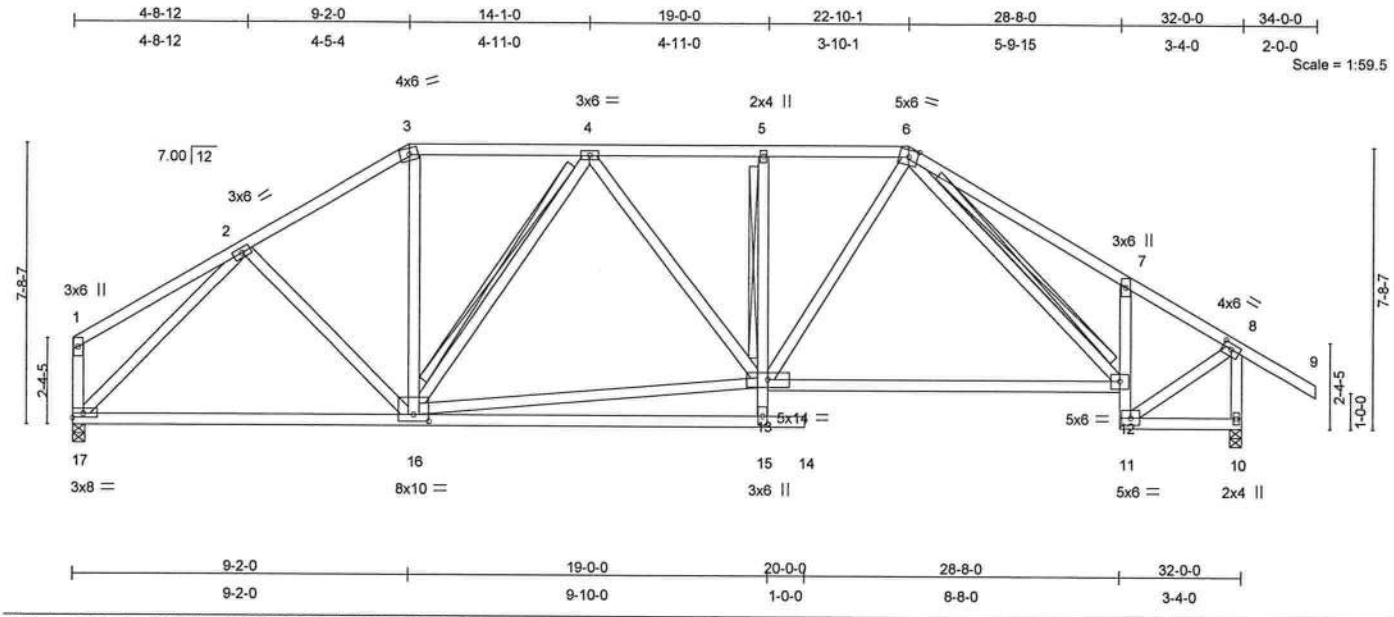

Plate Offsets (X,Y): [8:0-3-0,0-1-12], [16:0-5-0,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.22	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.92	Vert(TL)	-0.45	12-13	>838	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.16	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 221 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 5-15 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-5-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 5-13
WEBS T-Brace: 2 X 4 SYP No.3 - 4-16, 6-12
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 10=1141/0-4-0, 17=1015/0-4-0
Max Horz 17=-221(load case 4)
Max Uplift 10=-260(load case 7), 17=-207(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-152/94, 2-3=-1112/620, 3-4=-914/587, 4-5=-1231/708, 5-6=-1241/705, 6-7=-1215/684, 7-8=-937/486, 8-9=0/58, 1-17=-169/117, 8-10=-1246/647
BOT CHORD 16-17=-322/832, 15-16=-30/61, 14-15=0/0, 13-15=0/176, 5-13=-237/142, 12-13=-244/1028, 11-12=-417/186, 7-12=-324/239, 10-11=-41/97
WEBS 2-16=-106/201, 3-16=-132/312, 4-16=-501/230, 4-13=-43/171, 6-13=-193/488, 6-12=-192/202, 2-17=-1099/541, 8-11=-366/963, 13-16=-325/1104

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Job	Truss	Truss Type	Qty	Ply	J1924514
	T05	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.27, 2 = 0.37, 3 = 0.43, 4 = 0.41, 5 = 0.33, 6 = 0.46, 7 = 0.71, 8 = 0.71, 10 = 0.76, 11 = 0.70, 12 = 0.79, 13 = 0.53, 15 = 0.69, 16 = 0.30 and 17 = 0.52

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; end vertical 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 260 lb uplift at joint 10 and 207 lb uplift at joint 17.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924515
	T06	COMMON	1	1	Job Reference (optional)

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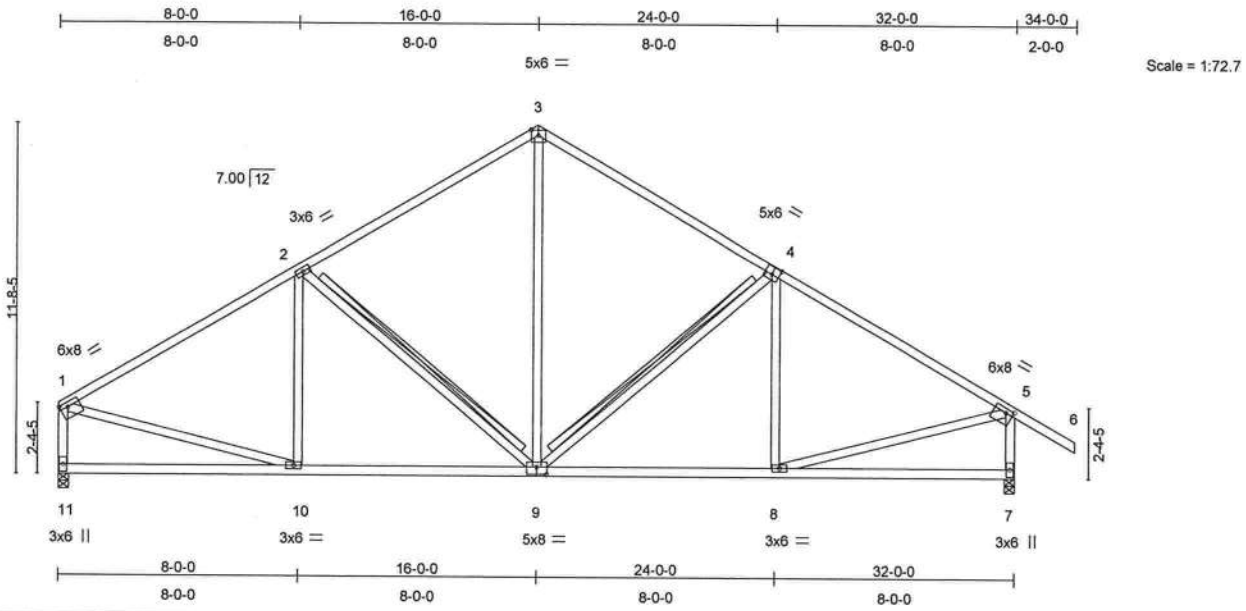

Plate Offsets (X,Y): [1:Edge,0-1-12], [4:0-3-0,0-3-0], [5:0-3-0,0-1-12], [9:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.87	Vert(LL)	-0.07	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.14	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.66	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 201 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 5-4-3 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 - 2-9, 4-9
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) 11=1011/0-4-0, 7=1134/0-4-0
Max Horz 11=-331(load case 4)
Max Uplift 11=-213(load case 6), 7=-299(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1188/562, 2-3=-956/577, 3-4=-955/577, 4-5=-1178/570, 5-6=0/58, 1-11=-966/481, 5-7=-1092/604
BOT CHORD 10-11=-302/356, 9-10=-221/938, 8-9=-217/927, 7-8=0/97
WEBS 2-10=-144/132, 2-9=-333/252, 3-9=-285/475, 4-9=-321/259, 4-8=-151/115, 1-10=-288/823, 5-8=-240/858

JOINT STRESS INDEX
1 = 0.89, 2 = 0.40, 3 = 0.71, 4 = 0.78, 5 = 0.88, 7 = 0.39, 8 = 0.46, 9 = 0.43, 10 = 0.46 and 11 = 0.39

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Job	Truss	Truss Type	Qty	Ply	J1924515
	T06	COMMON	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; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 213 lb uplift at joint 11 and 299 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924516
	T06G	HIP	1	1	Job Reference (optional)

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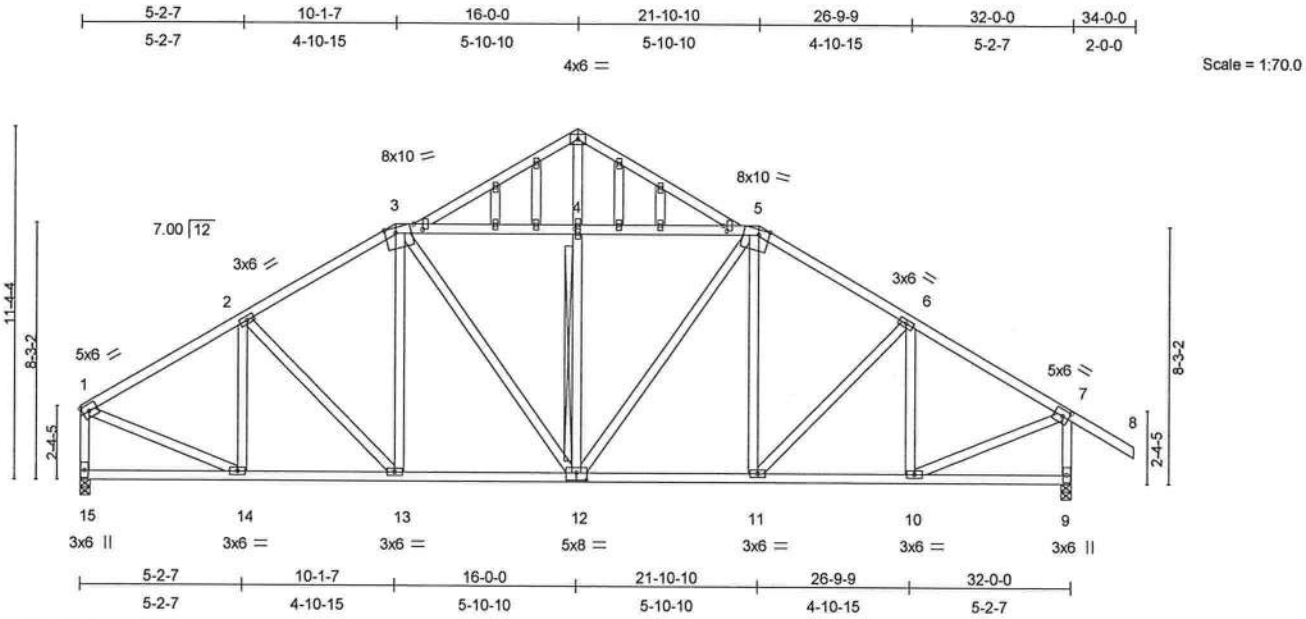

Plate Offsets (X,Y): [3:0-4-1,Edge], [4:0-1-8,0-1-0], [5:0-4-1,Edge], [6:0-0-0,0-0-0], [7:0-2-10,0-2-8], [12:0-4-0,0-3-0], [16:0-2-0,0-3-8], [18:0-2-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	0.09	12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.15	11-12	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.83	Horz(TL)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 254 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-13 oc purlins, except end verticals. Except:
2 Rows at 1/3 pts 3-5
BOT CHORD Rigid ceiling directly applied or 6-9-12 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-12
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=1523/0-4-0, 9=1646/0-4-0
Max Horz 15=-292(load case 4)
Max Uplift 15=-641(load case 6), 9=-758(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1658/834, 2-3=-1840/1016, 3-4=-1892/1116, 4-5=-1892/1116, 5-6=-1832/1018, 6-7=-1642/852, 7-8=0/58, 1-15=-1487/755, 7-9=-1614/882
BOT CHORD 14-15=-262/291, 13-14=-789/1368, 12-13=-867/1545, 11-12=-732/1539, 10-11=-504/1350, 9-10=-10/61
WEBS 2-14=-507/292, 2-13=-326/362, 3-13=-197/259, 3-12=-495/672, 4-12=-904/651, 5-12=-494/678, 5-11=-201/262, 6-11=-330/368, 6-10=-515/266, 1-14=-646/1398, 7-10=-601/1429

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JOINT STRESS INDEX
1 = 0.75, 2 = 0.42, 3 = 0.73, 4 = 0.37, 4 = 0.46, 5 = 0.73, 6 = 0.41, 7 = 0.75, 9 = 0.31, 10 = 0.81, 11 = 0.37, 12 = 0.42, 13 = 0.37, 14 = 0.81, 15 = 0.31, 16 = 0.34, 17 = 0.26, 18 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.34, 22 = 0.34, 23 = 0.34, 24 = 0.34, 25 = 0.34 and 26 = 0.34

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Job	Truss	Truss Type	Qty	Ply	J1924516
	T06G	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 gable end zone and C-C Exterior(2) zone; end vertical 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 plates are 2x4 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 641 lb uplift at joint 15 and 758 lb uplift at joint 9.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) Truss designed for wind loads in plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail".

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-141(F=-87), 5-7=-54, 7-8=-54, 9-15=-10

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Job	Truss	Truss Type	Qty	Ply	J1924517
	T07	SPECIAL	3	1	Job Reference (optional)

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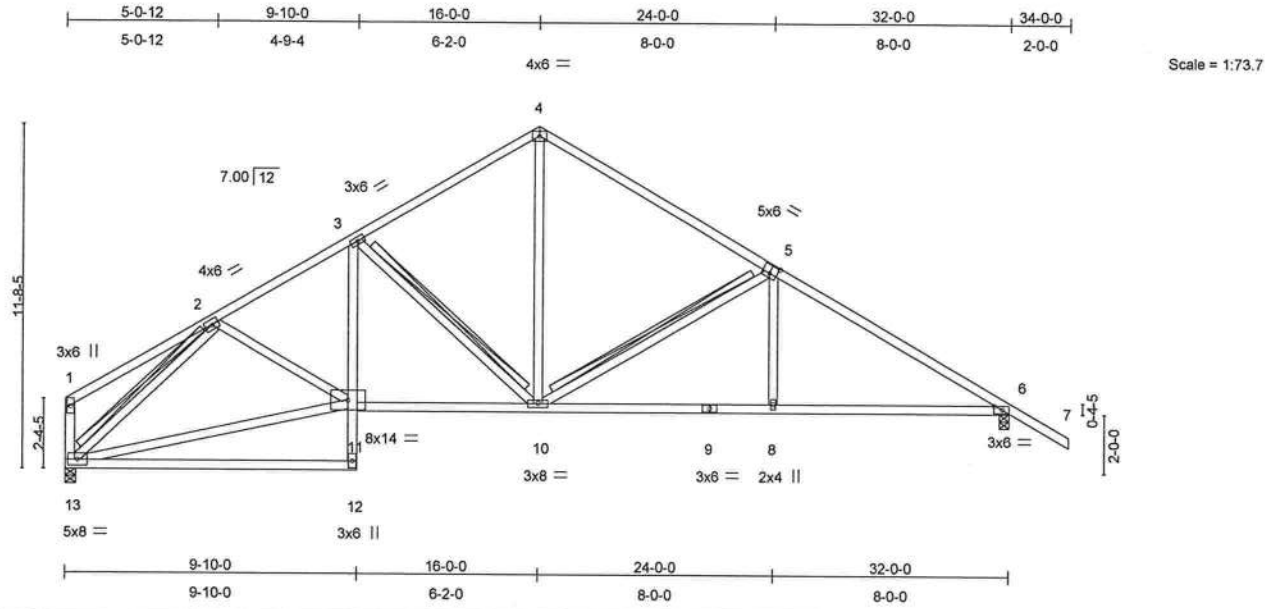

Plate Offsets (X,Y): [5:0-3-0,0-3-4], [6:0-3-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.75	Vert(LL)	-0.15	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.27	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.10	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 197 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 3-12 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-8-7 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-10, 5-10, 2-13
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 13=1010/0-4-0, 6=1135/0-4-0
Max Horz 13=-281(load case 4)
Max Uplift 13=-211(load case 6), 6=-302(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-170/101, 2-3=-1463/697, 3-4=-1097/603, 4-5=-1132/595, 5-6=-1648/704, 6-7=0/54, 1-13=-186/127
BOT CHORD 12-13=0/110, 11-12=0/143, 3-11=-73/259, 10-11=-337/1222, 9-10=-413/1323, 8-9=-413/1323, 6-8=-413/1325
WEBS 3-10=-485/299, 4-10=-330/634, 5-10=-534/348, 5-8=0/258, 2-13=-1388/621, 11-13=-388/1019, 2-11=0/185

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JOINT STRESS INDEX

1 = 0.32, 2 = 0.41, 3 = 0.72, 4 = 0.83, 5 = 0.71, 6 = 0.72, 8 = 0.33, 9 = 0.42, 10 = 0.56, 11 = 0.36, 12 = 0.69 and 13 = 0.64

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	J1924517
	T07	SPECIAL	3	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) *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 211 lb uplift at joint 13 and 302 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924518
	T08	SPECIAL	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:40:15 2008 Page 1

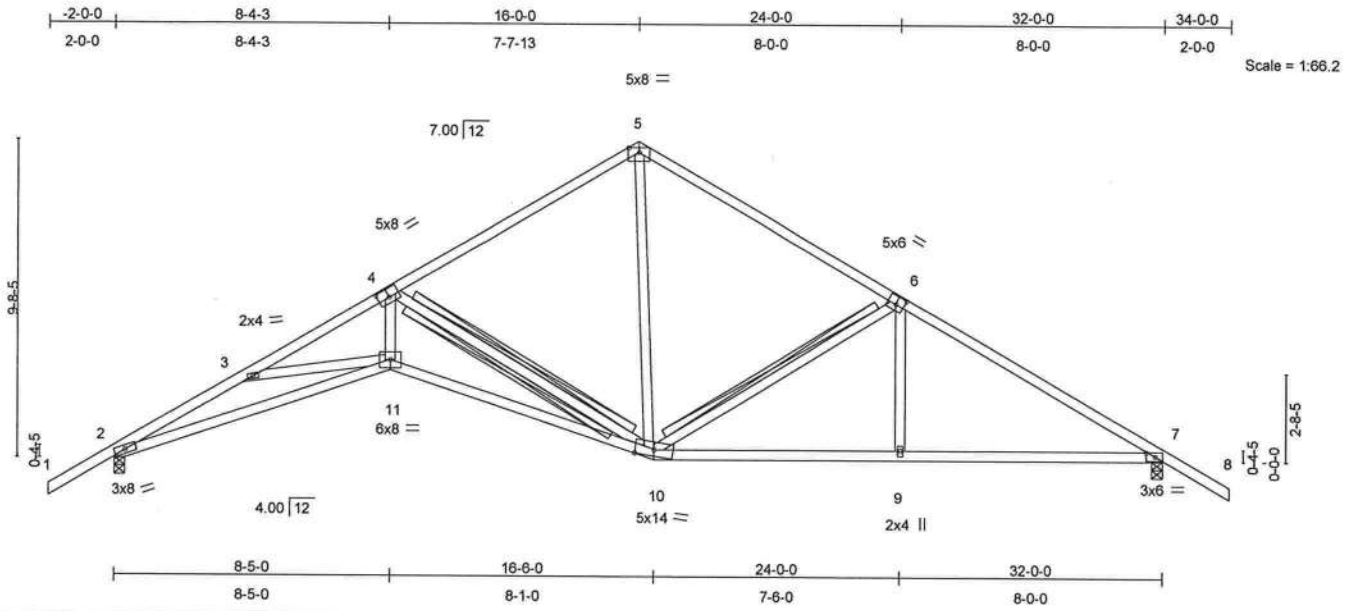

Plate Offsets (X,Y): [2:0-3-15,Edge], [4:0-4-0,0-3-0], [6:0-3-0,0-3-0], [7:0-3-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.32	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.62	10-11	>612	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.38	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 167 lb	

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 3-3-5 oc purlins.	
BOT CHORD	Rigid ceiling directly applied or 6-3-0 oc bracing.	
WEBS	I-Brace:	2 X 4 SYP No.3 - 4-10
	T-Brace:	2 X 4 SYP No.3 - 6-10

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1130/0-4-0, 7=1130/0-4-0
Max Horz 2=-260(load case 4)
Max Uplift 2=-312(load case 6), 7=-312(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/52, 2-3=-3340/1297, 3-4=-3225/1210, 4-5=-1099/585, 5-6=-1147/606, 6-7=-1634/701, 7-8=0/54
BOT CHORD	2-11=-999/2917, 10-11=-905/3030, 9-10=-410/1311, 7-9=-409/1312
WEBS	4-10=-2328/864, 5-10=-299/595, 6-10=-518/335, 6-9=0/244, 4-11=-525/1946, 3-11=-35/120

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JOINT STRESS INDEX
2 = 0.75, 3 = 0.33, 4 = 0.84, 5 = 0.98, 6 = 0.80, 7 = 0.73, 9 = 0.33, 10 = 0.73 and 11 = 0.77

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Job	Truss	Truss Type	Qty	Ply	J1924518
	T08	SPECIAL	2	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) *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) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 312 lb uplift at joint 2 and 312 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	J1924519
	T09	SPECIAL	8	1	Job Reference (optional)

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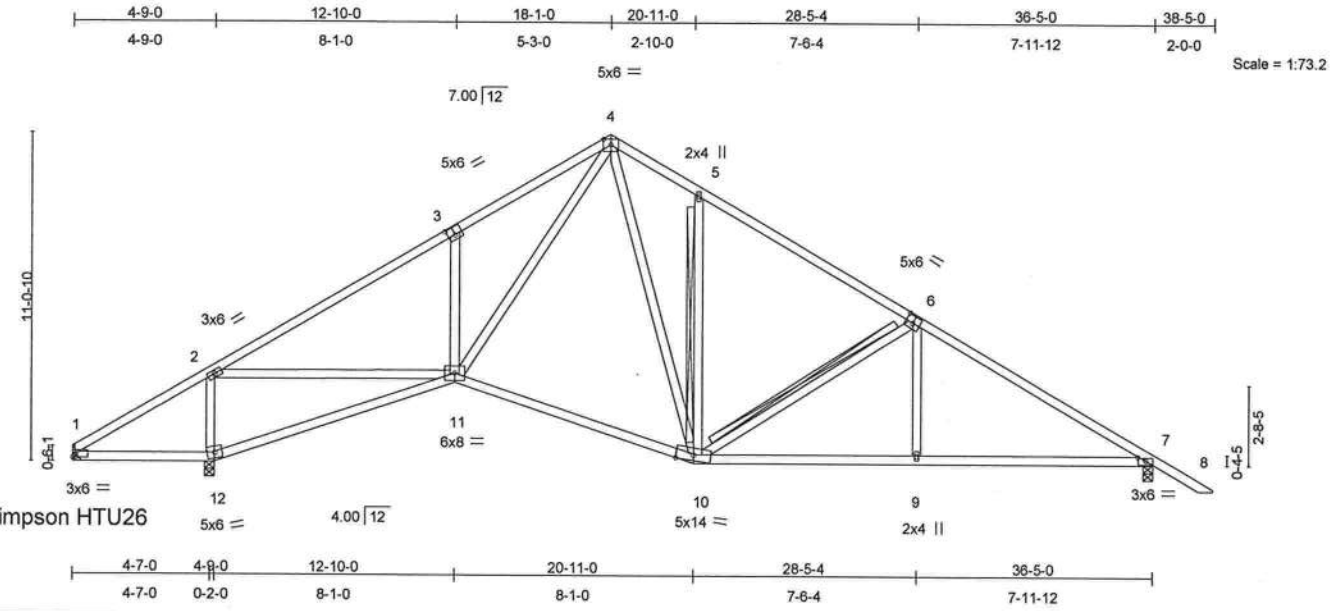

Plate Offsets (X,Y): [3:0-3-0,0-3-0], [6:0-3-0,0-3-0], [7:0-3-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.10	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.38	Vert(TL)	-0.21	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.95	Horz(TL)	0.07	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 207 lb	

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

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

REACTIONS (lb/size) 1=-223/Mechanical, 12=1577/0-4-0, 7=1061/0-4-0
Max Horz 1=-316(load case 4)
Max Uplift 1=-223(load case 1), 12=-447(load case 6), 7=-309(load case 7)
Max Grav 1=36(load case 6), 12=1577(load case 1), 7=1061(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-217/638, 2-3=-1292/497, 3-4=-1263/700, 4-5=-990/718, 5-6=-1043/568, 6-7=-1535/672, 7-8=0/47
BOT CHORD 1-12=-454/274, 11-12=-563/334, 10-11=-15/740, 9-10=-396/1228, 7-9=-396/1229
WEBS 2-12=-1324/634, 2-11=-426/1540, 3-11=-396/366, 4-11=-228/588, 4-10=-435/504, 5-10=-304/272, 6-10=-506/347, 6-9=0/243

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JOINT STRESS INDEX
1 = 0.54, 2 = 0.73, 3 = 0.71, 4 = 0.29, 5 = 0.33, 6 = 0.82, 7 = 0.76, 9 = 0.33, 10 = 0.31, 11 = 0.64 and 12 = 0.66

Continued on page 2

January 9,2008

Job	Truss	Truss Type	Qty	Ply	J1924519
	T09	SPECIAL	8	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 left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All 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 223 lb uplift at joint 1, 447 lb uplift at joint 12 and 309 lb uplift at joint 7.

LOAD CASE(S) Standard

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January 9,2008

Job	Truss	Truss Type	Qty	Ply	J1924520
	T09G	GABLE	8	1	Job Reference (optional)

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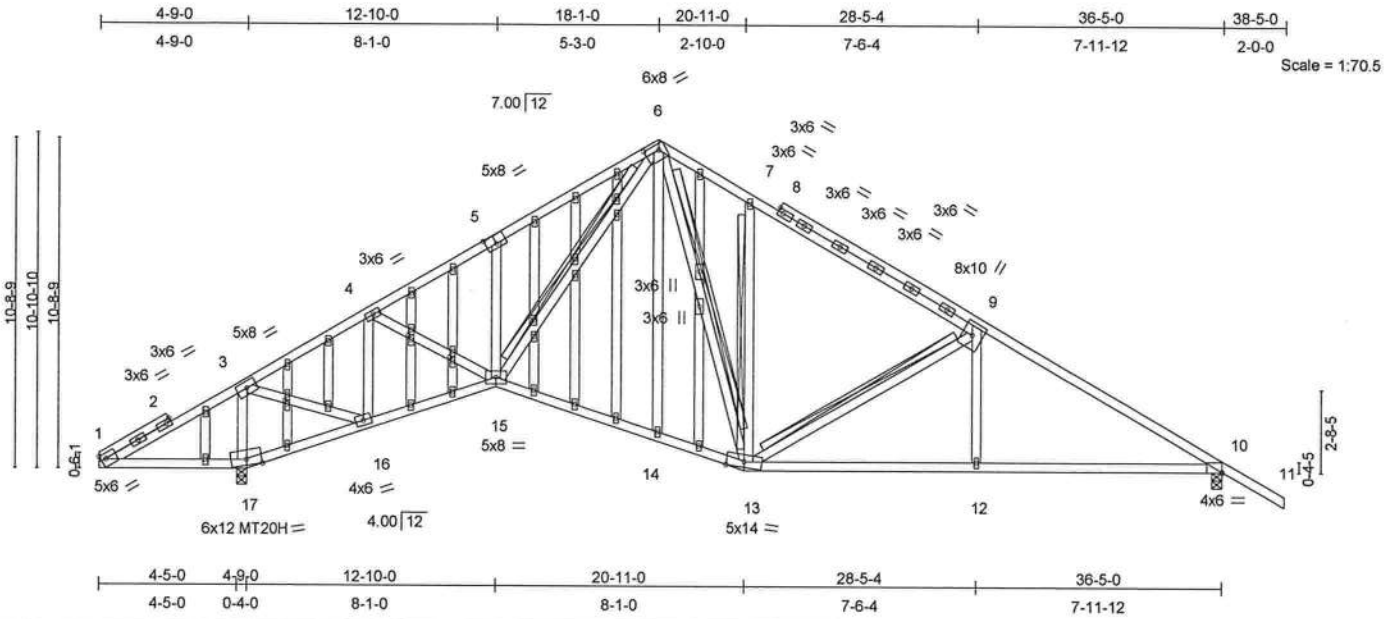

Plate Offsets (X,Y): [1:Edge,0-2-0], [5:0-4-0,0-3-4], [6:0-5-4,0-2-4], [10:0-0-0,0-0-4], [27:0-1-12,0-1-0], [30:0-1-12,0-1-0], [35:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.70	Vert(LL)	0.19	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.25	14-15	>999	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.17	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 301 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 3-2-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-11-6 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 6-15, 6-13, 7-13, 9-13

Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 17=2862/0-4-0, 10=1483/0-4-0
Max Horz 17=-387(load case 4)
Max Uplift 17=-2050(load case 6), 10=-891(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-657/572, 2-3=-782/763, 3-4=-2008/1399, 4-5=-2869/2082, 5-6=-2913/2249, 6-7=-1847/1560, 7-8=-1702/1396, 8-9=-1873/1389, 9-10=-2381/1508, 10-11=0/54
BOT CHORD	1-17=-508/624, 16-17=-701/878, 15-16=-987/1688, 14-15=-789/1544, 13-14=-791/1540, 12-13=-1119/1973, 10-12=-1118/1975
WEBS	3-17=-2556/2125, 5-15=-680/706, 6-15=-1126/1587, 6-13=-394/362, 7-13=-436/403, 9-13=-519/372, 9-12=0/254, 4-16=-1387/1118, 4-15=-585/876, 3-16=-1772/2345, 6-14=0/102

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Continued on page 2

JOINT STRESS INDEX

1 = 0.43, 2 = 0.00, 2 = 0.40, 2 = 0.40, 3 = 0.64, 4 = 0.66, 5 = 0.74, 6 = 0.88, 7 = 0.34, 8 = 0.00, 8 = 0.38, 8 = 0.35, 8 = 0.35, 8 = 0.35, 8 = 0.35, 8 = 0.35, 9 = 0.64, 10 = 0.79, 12 = 0.34, 13 = 0.52, 14 = 0.34, 15 = 0.60, 16 = 0.87, 17 = 0.99, 18 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.34, 21 = 0.34, 21 = 0.34, 22 = 0.34, 23 = 0.34, 24 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.40, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.40, 30 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.47, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.34, 41 = 0.34, 42 = 0.16 and 42 = 0.16

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; 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) 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 MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
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 2050 lb uplift at joint 17 and 891 lb uplift at joint 10.
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: 1-6=-141(F=-87), 6-8=-141(F=-87), 8-11=-54, 1-17=-10, 15-17=-10, 13-15=-10, 10-13=-10

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January 9,2008

Job	Truss	Truss Type	Qty	Ply	J1924521
	T10G	GABLE	1	1	Job Reference (optional)

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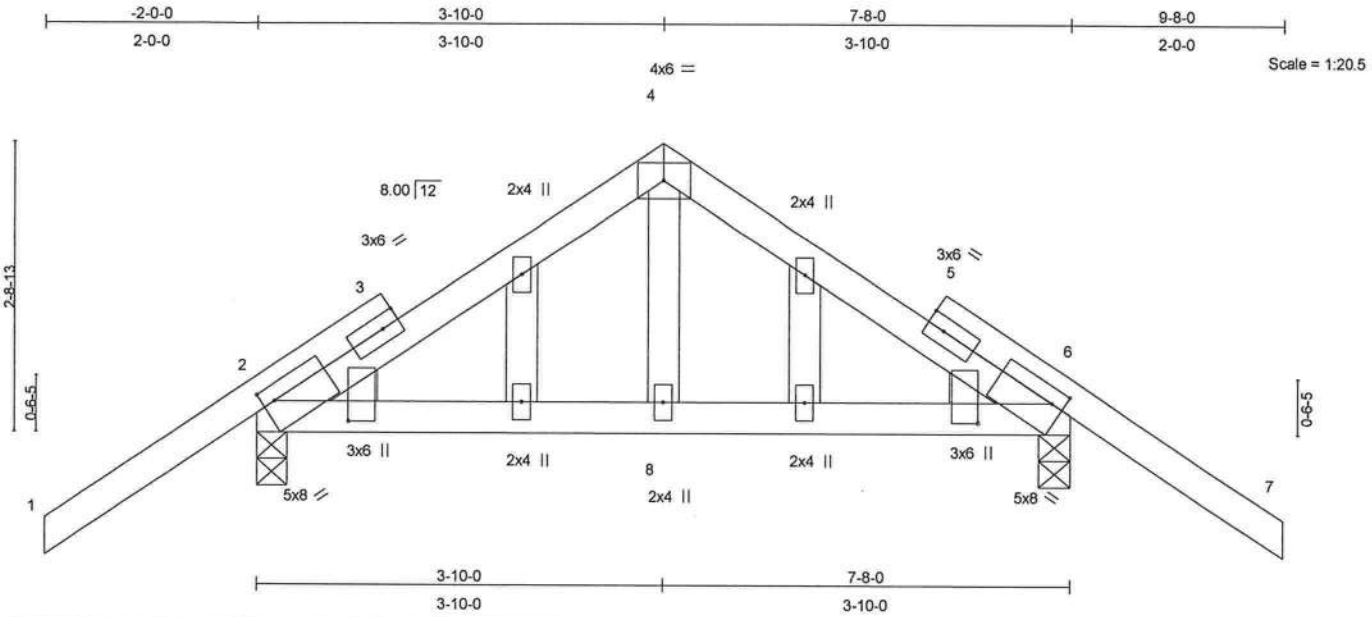

Plate Offsets (X,Y): [2:0-1-6,0-1-11], [2:0-2-4,0-8-5], [6:0-1-6,0-1-11], [6:0-2-4,0-8-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.72	Vert(LL)	0.01	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-8	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.03	Horz(TL)	0.00	6	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
OTHERS 2 X 4 SYP No.3
WEDGE
Left: 2 X 4 SYP No.3, Right: 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=701/0-3-8, 6=701/0-3-8
Max Horz 2=-84(load case 4)
Max Uplift 2=-641(load case 6), 6=-641(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-92/129, 2-3=-410/548, 3-4=-300/476, 4-5=-300/476, 5-6=-410/548, 6-7=-92/129
BOT CHORD 2-8=-248/252, 6-8=-248/252
WEBS 4-8=-151/88

JOINT STRESS INDEX
2 = 0.76, 2 = 0.49, 3 = 0.00, 3 = 0.55, 4 = 0.39, 5 = 0.00, 5 = 0.55, 6 = 0.76, 6 = 0.49, 8 = 0.08, 9 = 0.00, 10 = 0.00, 11 = 0.00 and 12 = 0.00

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

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January 9,2008

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Job	Truss	Truss Type	Qty	Ply	J1924521
	T10G	GABLE	1	1	Job Reference (optional)

NOTES

3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable studs spaced at 1-4-0 oc.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 641 lb uplift at joint 2 and 641 lb uplift at joint 6.
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: 2-6=-10, 1-4=-114(F=-60), 4-7=-114(F=-60)

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Job	Truss	Truss Type	Qty	Ply	J1924522
	T11G	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Jan 09 12:32:02 2008 Page 1

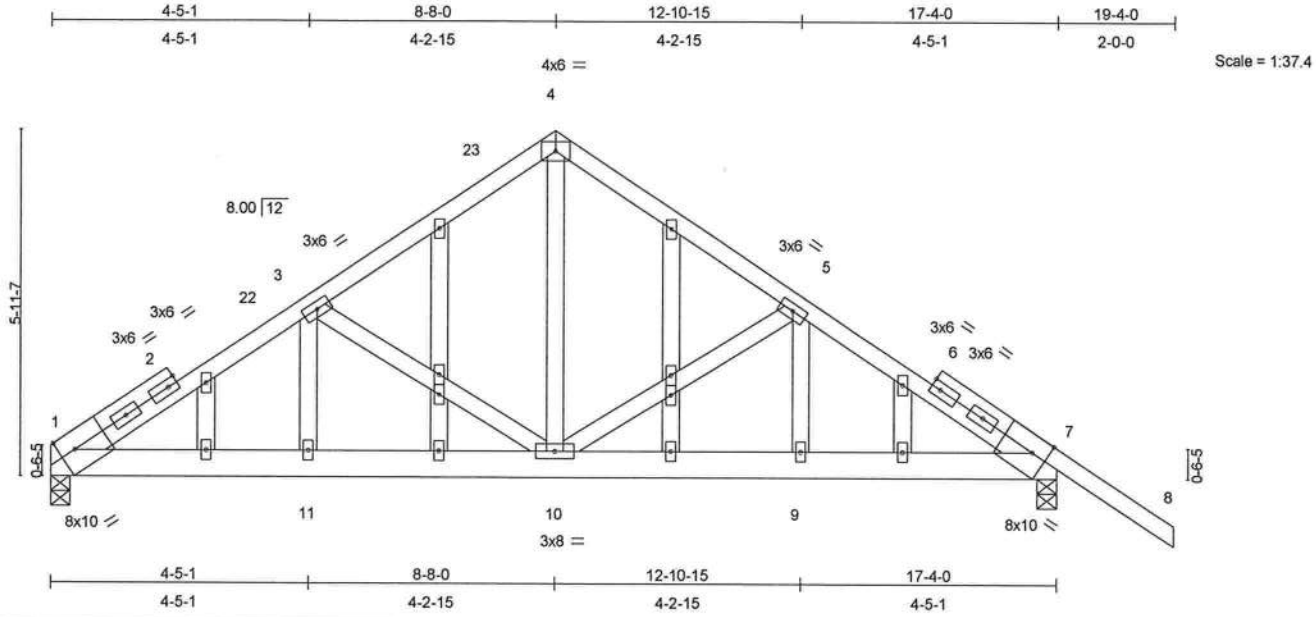

Plate Offsets (X,Y): [1:0-3-3,Edge], [7:0-3-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.58	Vert(LL)	0.07	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.26	Vert(TL)	-0.08	9-10	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 125 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
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-3-5 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-4-12 oc bracing.

REACTIONS (lb/size) 1=1240/0-4-0, 7=1656/0-4-0
Max Horz 1=-221(load case 3)
Max Uplift 1=-939(load case 5), 7=-1326(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-2013/1493, 2-22=-1953/1493, 3-22=-1893/1494, 3-23=-1483/1147, 4-23=-1193/1009, 4-5=-1451/1131, 5-6=-1939/1472, 6-7=-2061/1519, 7-8=-47/120
BOT CHORD	1-11=-1256/1656, 10-11=-1256/1656, 9-10=-1156/1618, 7-9=-1156/1618
WEBS	3-11=-180/202, 3-10=-668/611, 4-10=-786/928, 5-10=-621/551, 5-9=-180/198

JOINT STRESS INDEX

1 = 0.48, 2 = 0.00, 2 = 0.45, 2 = 0.46, 3 = 0.43, 4 = 0.69, 5 = 0.43, 6 = 0.00, 6 = 0.46, 6 = 0.45, 7 = 0.48, 9 = 0.34, 10 = 0.57, 11 = 0.34, 12 = 0.34, 12 = 0.34, 13 = 0.34, 14 = 0.34, 15 = 0.34, 16 = 0.34, 17 = 0.34, 18 = 0.34, 19 = 0.34, 19 = 0.34, 20 = 0.34 and 21 = 0.34

NOTES

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

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NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 939 lb uplift at joint 1 and 1326 lb uplift at joint 7.
9) Girder carries tie-in span(s): 4-5-0 from 0-0-0 to 17-4-0
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: 1-22=-54, 22-23=-141(F=-87), 4-23=-114(F=-60), 4-8=-114(F=-60), 1-7=-49(F=-39)

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Job	Truss	Truss Type	Qty	Ply	J1924523
	T12	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Jan 09 12:34:52 2008 Page 1

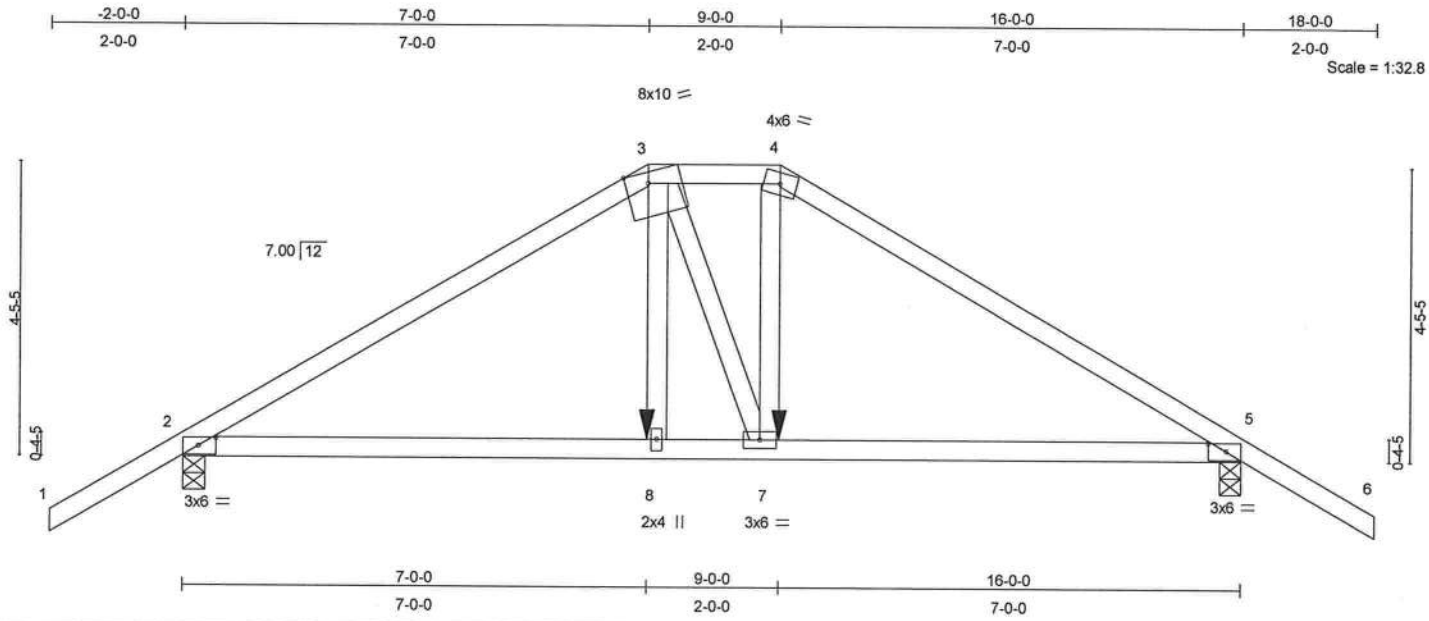

Plate Offsets (X,Y): [2:0-3-3,0-1-8], [3:0-4-1,Edge], [5:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	0.13	2-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.13	2-8	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.20	Horz(TL)	0.03	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 76 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-11-14 oc bracing.

REACTIONS (lb/size) 2=1097/0-4-0, 5=1097/0-4-0
Max Horz 2=-113(load case 3)
Max Uplift 2=-670(load case 5), 5=-670(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-1587/865, 3-4=-1297/802, 4-5=-1590/867, 5-6=0/54
BOT CHORD 2-8=-754/1276, 7-8=-768/1294, 5-7=-683/1279
WEBS 3-8=-390/520, 3-7=-176/165, 4-7=-489/633

JOINT STRESS INDEX
2 = 0.70, 3 = 0.50, 4 = 0.69, 5 = 0.71, 7 = 0.41 and 8 = 0.38

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 left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 670 lb uplift at joint 2 and 670 lb uplift at joint 5.
7) Girder carries hip end with 7-0-0 end setback.

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NOTES

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=-72(F=-18), 4-6=-54, 2-8=-10, 7-8=-69(F=-59), 5-7=-10
   Concentrated Loads (lb)
   Vert: 8=-411(F) 7=-411(F)

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Job	Truss	Truss Type	Qty	Ply	J1924524
	T13	COMMON	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 09 11:40:21 2008 Page 1

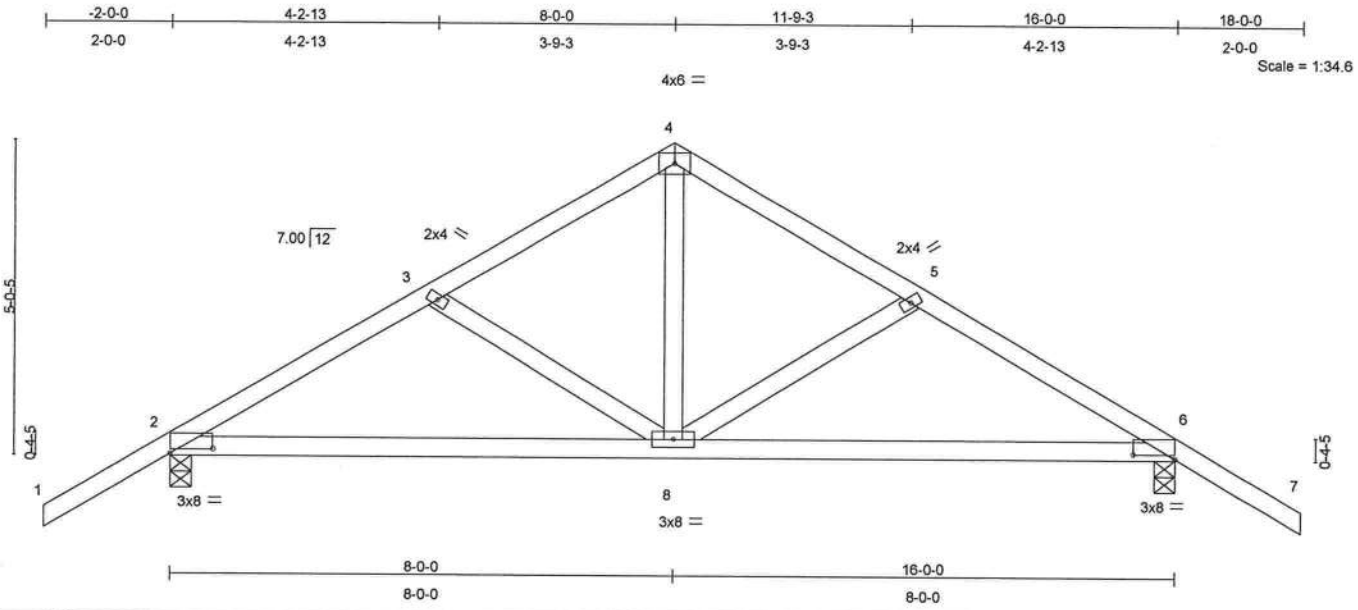

Plate Offsets (X,Y): [2:0-8-1,0-0-14], [6:0-8-1,0-0-14]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	0.18	6-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	6-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.26	Horz(TL)	-0.02	6	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.
BOT CHORD Rigid ceiling directly applied or 7-8-0 oc bracing.

REACTIONS (lb/size) 2=618/0-4-0, 6=618/0-4-0
Max Horz 2=129(load case 5)
Max Uplift 2=-402(load case 6), 6=-402(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-724/861, 3-4=-532/787, 4-5=-532/787, 5-6=-724/861, 6-7=0/54
BOT CHORD 2-8=-608/566, 6-8=-608/566
WEBS 3-8=-193/200, 4-8=-653/330, 5-8=-193/200

JOINT STRESS INDEX
2 = 0.75, 3 = 0.12, 4 = 0.26, 5 = 0.12, 6 = 0.75 and 8 = 0.16

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

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	J1924524
	T13	COMMON	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 402 lb uplift at joint 2 and 402 lb uplift at joint 6.

LOAD CASE(S) Standard

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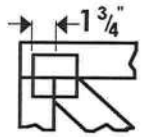
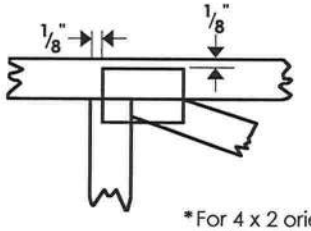
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

PLATE SIZE

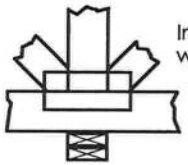
4 x 4

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

LATERAL BRACING

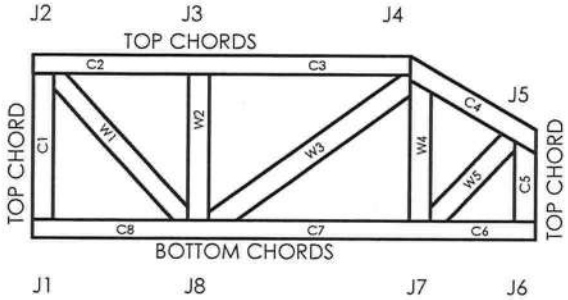
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

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

MiTek®

TEE-LOK®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length (± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

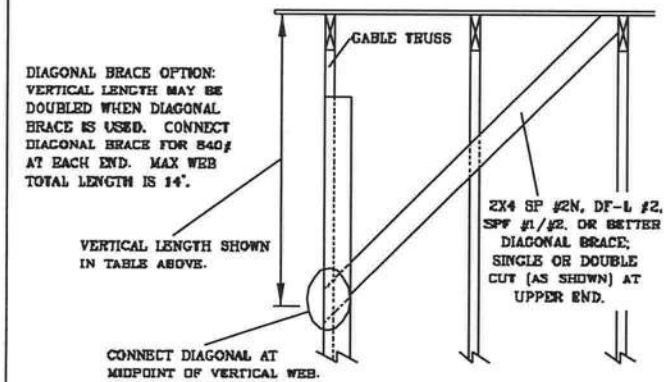
SOUTHERN PINE
#3
STUD
STANDARD

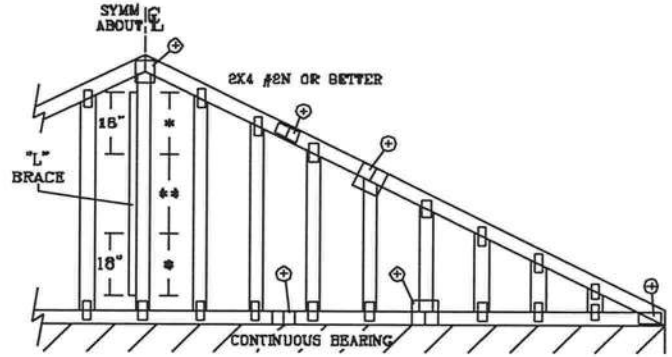
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

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

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB13015
DATE	11/26/03
DRWG	MITEK STD GABLE 15 E HT
	-ENG

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

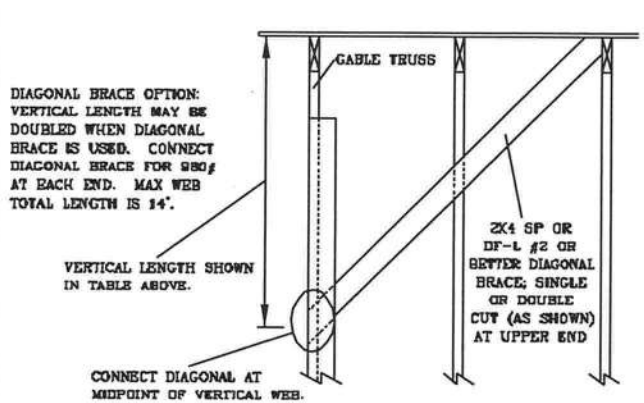
SOUTHERN PINE
#3
STUD
STANDARD

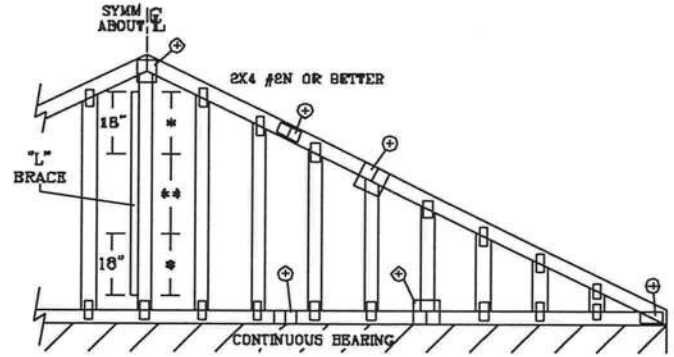
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#3
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 180 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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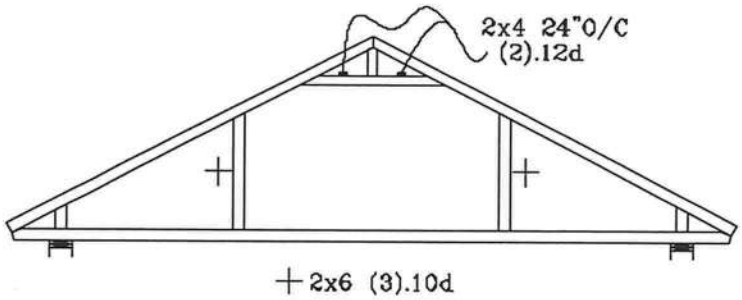
1456 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

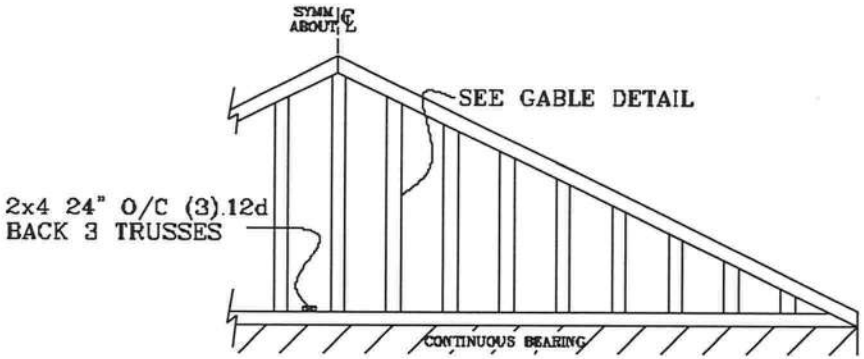
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 30' E W7
-ENG

TYPICAL ATTIC TRUSS BRACING

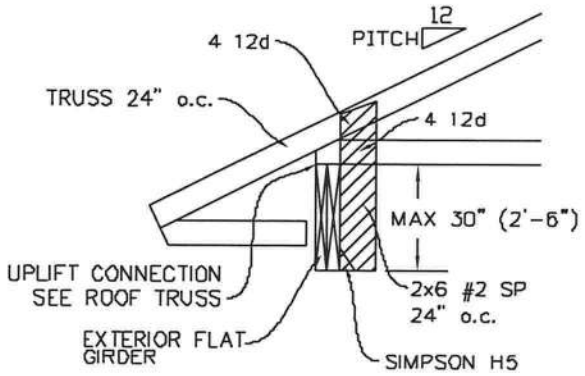


GABLE END TRUSS DETAIL

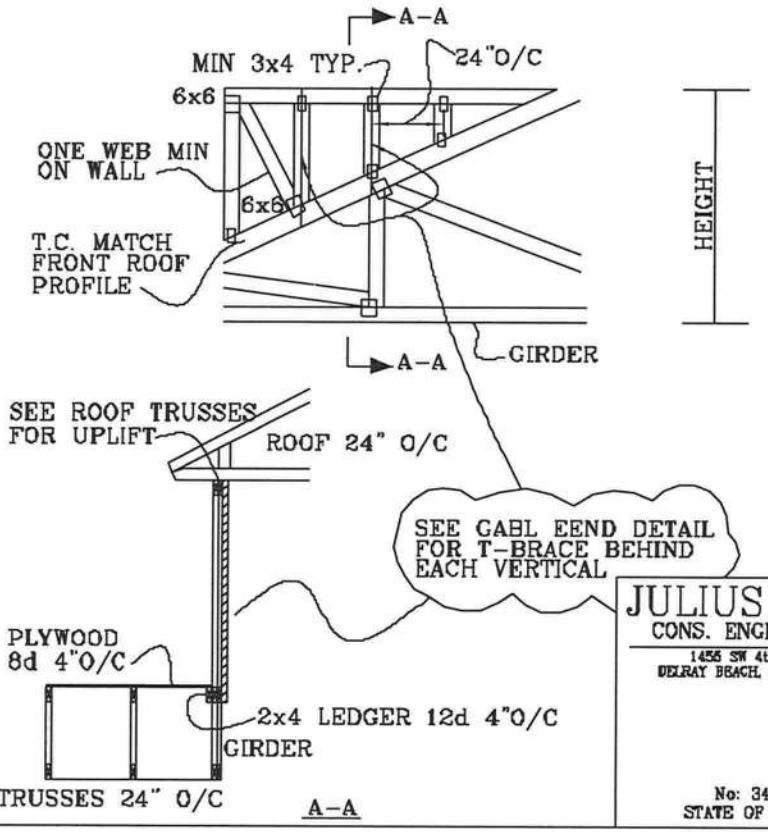


MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



JULIUS LEE'S
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DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

PIGGYBACK DETAIL

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

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

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

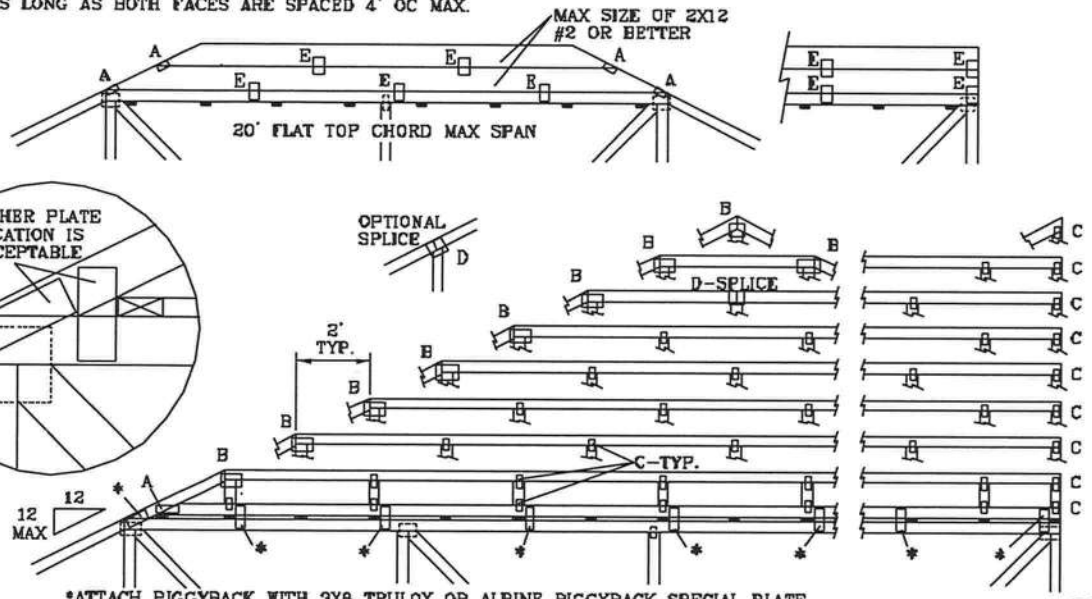
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, FBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

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



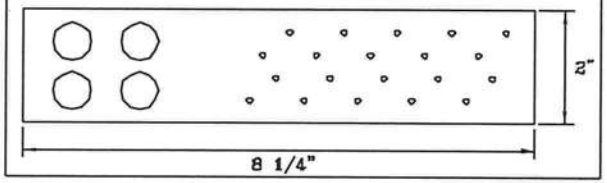
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X8 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

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

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

* PIGGYBACK SPECIAL PLATE

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



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

xxWARNINGxx TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 537199 AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 537199 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

No: 34869
STATE OF FLORIDA

MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF PIGGYBACK
DATE 09/12/07
DRWG MITEK STD PIGGY
-ENG JL

VALLEY TRUSS DETAIL

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

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

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

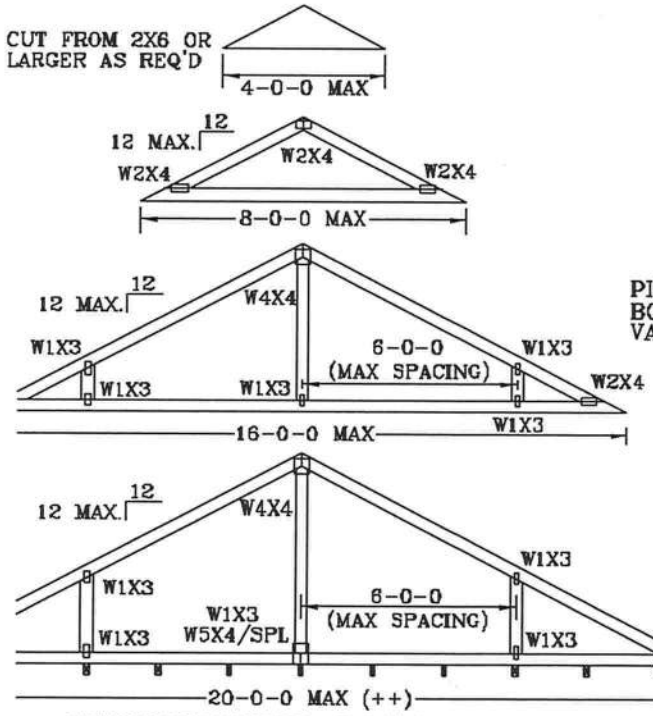
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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

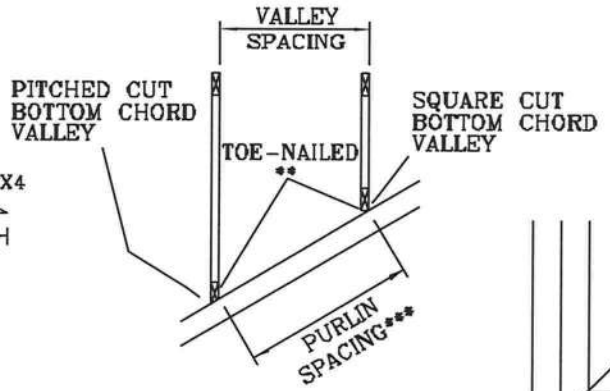
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

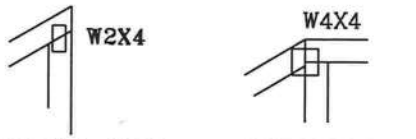
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

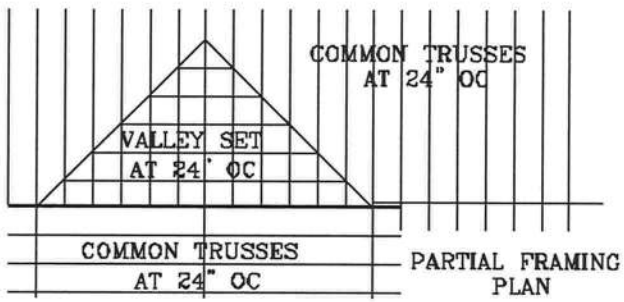
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

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1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

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

TOE-NAIL DETAIL

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

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

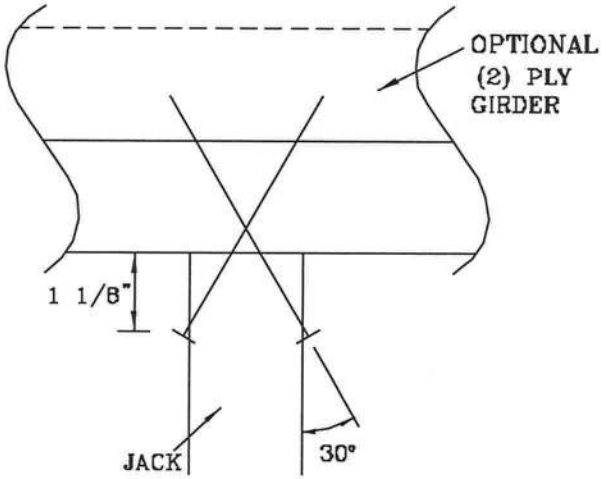
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

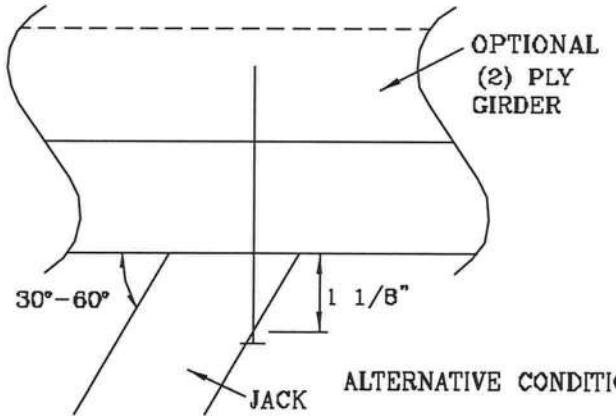
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"X3.5") COMMON TOE-NAILS

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

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





ALTERNATIVE CONDITION

THIS DRAWING REPLACES DRAWING 784040

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

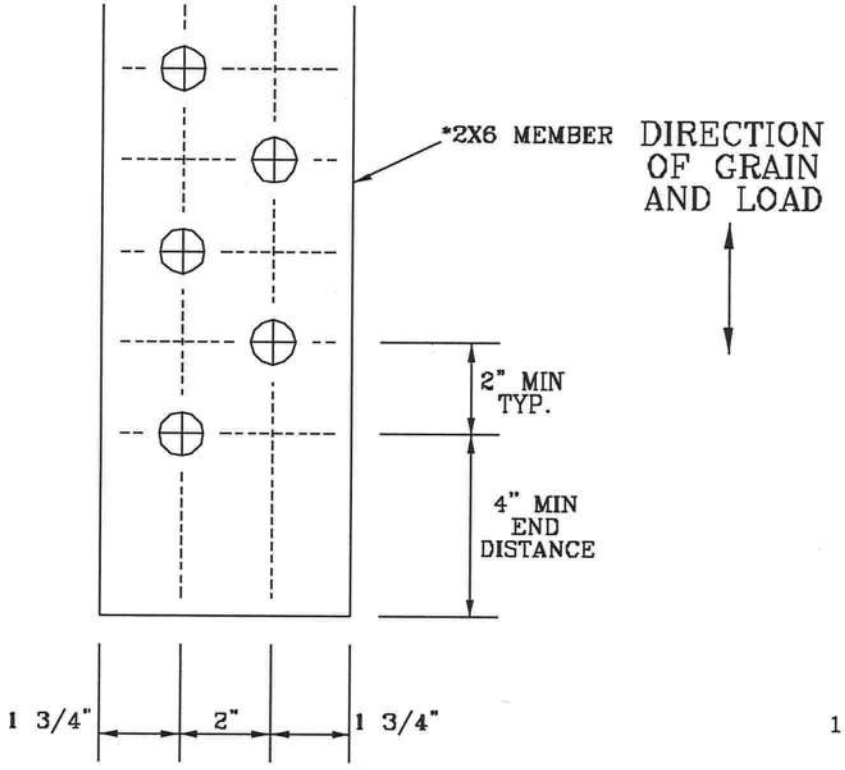
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

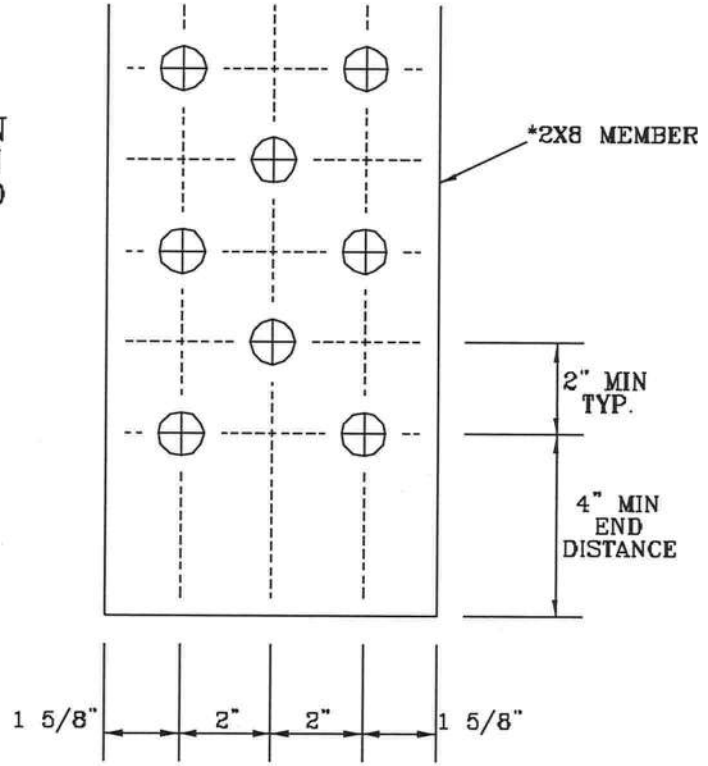
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

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

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL



2X8 DETAIL

THIS DRAWING REPLACES DRAWING A628.016

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	CNBOLTSP1103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

TRULOX CONNECTION DETAIL

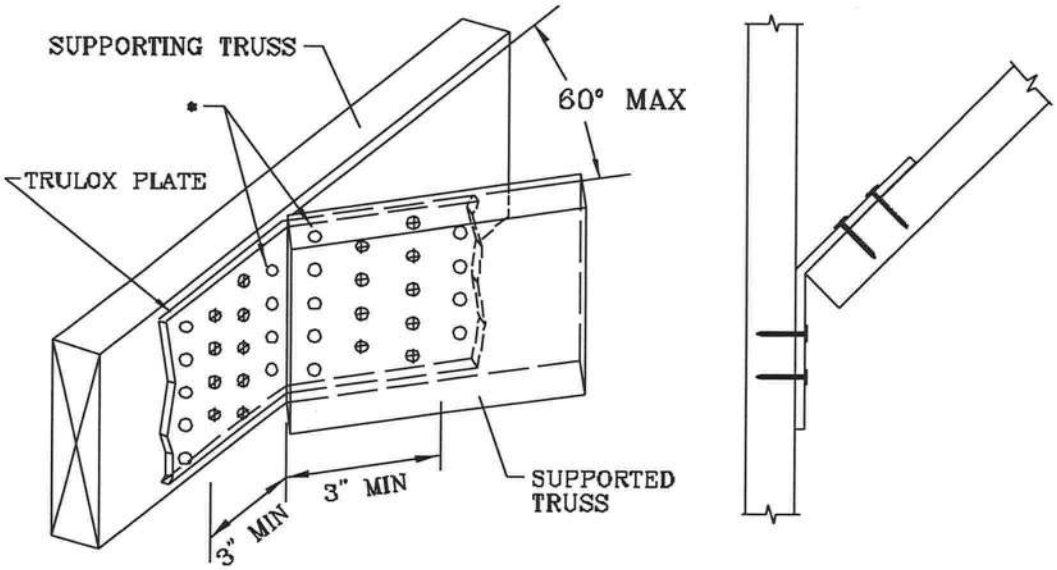
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

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

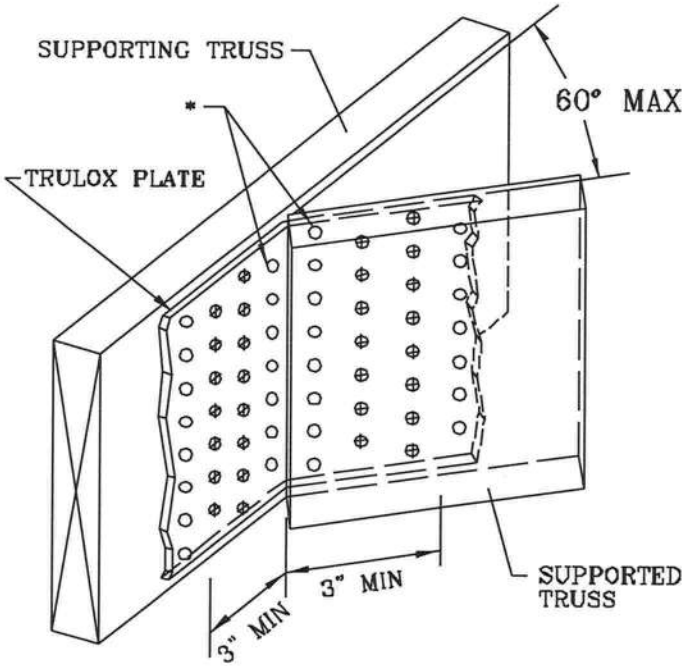
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#



MINIMUM 5X6 TRULOX PLATE

THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,989/R 1,154,944 1,152,217 1,152,017 1,159,154 & 1,151,524

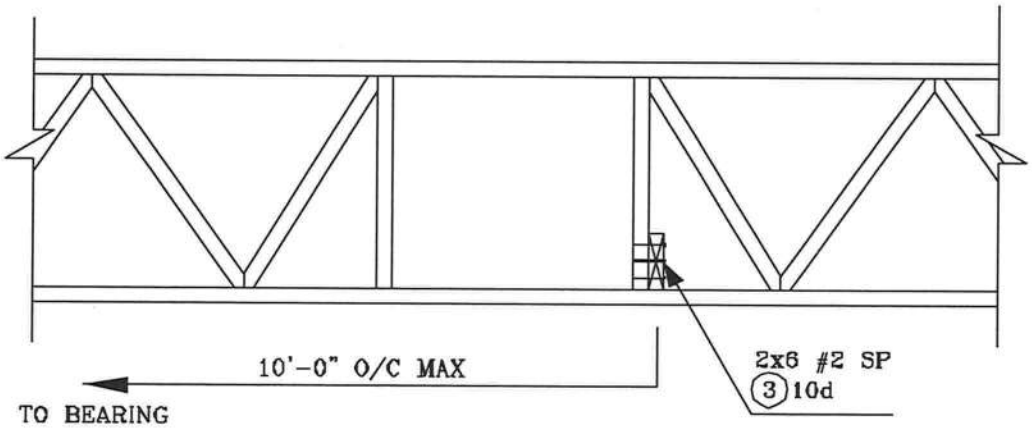
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

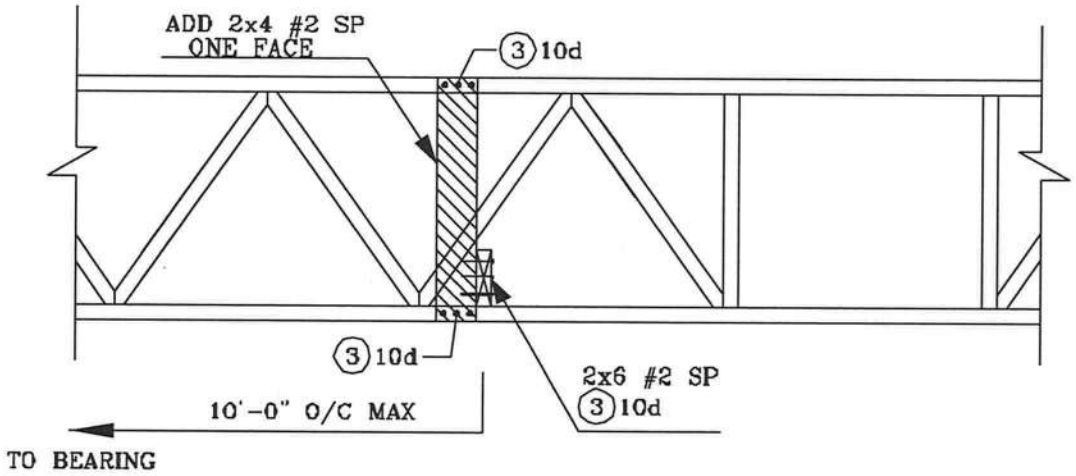
No: 34869
STATE OF FLORIDA

REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL

STRONG BACK DETAIL
SYSTEM–42 OR FLAT TRUSS

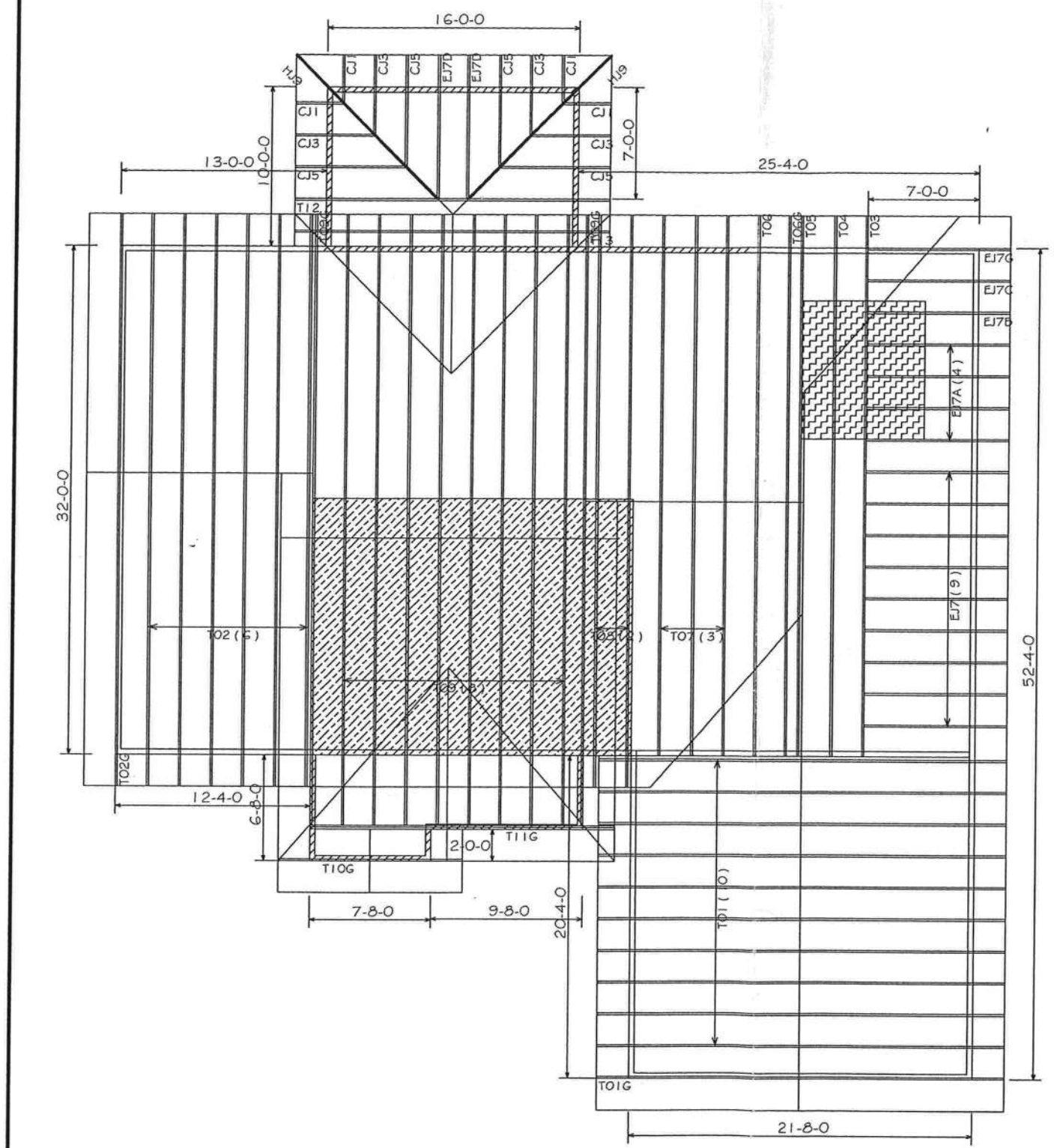


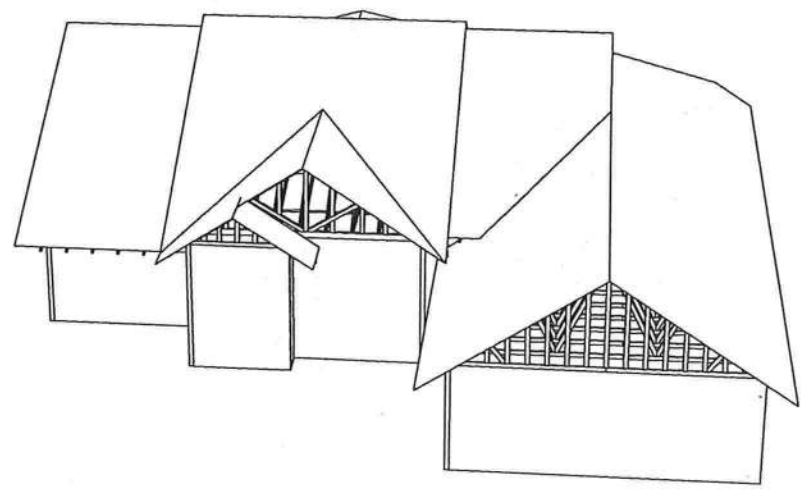
ALTERNATE DETAIL FOR
STRONG BACK WITH VERTICAL
NOT LINING UP



JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA





TRUSS INFORMATION:

ROOF PITCH: 7-8/12

CEILING: 4/12 @ LIVING ROOM
TRAY CLG. @ MASTER

OVERHANG: 2' 0"

HANGER LIST:
10 - HTU26

VALLEY:
FRAMED BY OTHERS

NOTE: DRAWINGS BASED FROM PRELIMINARY PLANS

BEARING HEIGHT SCHEDULE

8' 0"

10' 0"

INDICATES TRAY CLG.

INDICATES CATH CLG.

NOTES:

1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.

3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6) ST42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HTU26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8) BEAM/HEADER/LINTEL (BDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Expected Delivery Date: _____

Approved By: _____ Date: _____

Builders FirstSource

Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973

Lake City
PHONE: 386-755-6894 FAX: 386-755-7973

Sanford
PHONE: 407-322-0059 FAX: 407-322-9553

BUILDER: ISAAC CONSTRUCTION

LEGAL ADDRESS: LOT 3 , HICKORY COVE

MODEL: 1735 | REVISION: | SCALE: NTS

DATE: 1-30-08 | DRAWN BY: JP / BPC | JOB #: L2G7271

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number
1. EXTERIOR DOORS			
A. SWINGING	PlastPRO, INC	3068 + 6068 Fiberglass	4760.1 & 2
B. SLIDING	Capital	8068	7055.1
C. SECTIONAL	Raynor	Classic Sectional Garage Door	FL-3070
D. ROLL UP	Janus	Model 3100 - Rolling Sheet Door	FL-2274
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	Capital	48x84	6029.7
B. HORIZONTAL SLIDER	Capital	126x59	6024.4
C. CASEMENT			
D. DOUBLE HUNG	Davrid	Single Hung windows	FL1369
E. FIXED	Capital	96x72	6028.20
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	Alcoa	vinyl siding	FL1621
B. SOFFITS	ASI Building Pro.	Aluminum & vinyl soffit	FL5546 1 & 2
C. EIFS			
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	TAMKO	30-YEAR Shingles Asphalt	FL673
B. UNDERLAYMENTS			
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			

ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			

Category/Subcategory	Manufacturer	Product Description	Approval Number
N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	Simpson Strong	Wood connectors/anchors	FL1474
B. TRUSS PLATES	Alpine Engineered	ProBuilt - Alpine Truss Plates	FL999
C. ENGINEERED LUMBER	LPEWP	Laminated Beams, I Joist	FL 1511
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			
B.			

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

Samantha Harrington 1/31/08

APPLICANT SIGNATURE DATE

L:/GENERAL/STATEPROD.XLS

Residential System Sizing Calculation

Summary

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

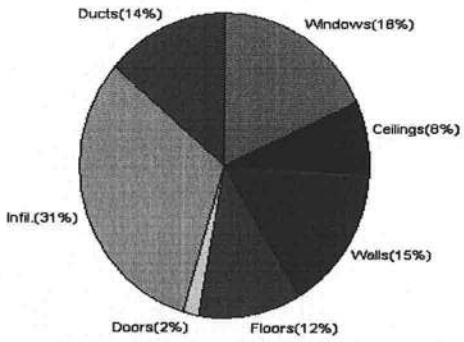
1/31/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**26946**	**Btuh**	**Total cooling load calculation**	**35263**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.8	32000	Sensible (SHR = 0.75)	89.3	24000
Heat Pump + Auxiliary(0.0kW)	118.8	32000	Latent	95.5	8000
			Total (Electric Heat Pump)	90.7	32000

WINTER CALCULATIONS

Winter Heating Load (for 1735 sqft)

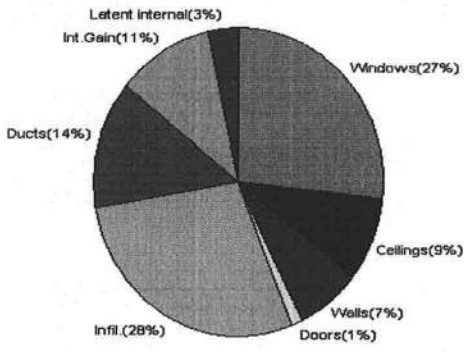
Load component			Load	
Window total	153	sqft	4925	Btuh
Wall total	1233	sqft	4049	Btuh
Door total	38	sqft	492	Btuh
Ceiling total	1850	sqft	2180	Btuh
Floor total	194	sqft	3173	Btuh
Infiltration	208	cfm	8433	Btuh
Duct loss			3694	Btuh
Subtotal			**26946**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**26946**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1735 sqft)

Load component			Load	
Window total	153	sqft	9487	Btuh
Wall total	1233	sqft	2485	Btuh
Door total	38	sqft	372	Btuh
Ceiling total	1850	sqft	3064	Btuh
Floor total			0	Btuh
Infiltration	182	cfm	3390	Btuh
Internal gain			3780	Btuh
Duct gain			4309	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**26887**	**Btuh**
Latent gain(ducts)			518	Btuh
Latent gain(infiltration)			6658	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**8375**	**Btuh**
TOTAL HEAT GAIN			**35263**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 1/31/08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

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

1/31/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
2	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
3	2, Clear, Metal, 0.87	E	40.0	32.2	1288 Btuh
4	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
5	2, Clear, Metal, 0.87	S	5.0	32.2	161 Btuh
	Window Total		153(sqft)		4925 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1083	3.3	3557 Btuh
2	Frame - Wood - Adj(0.09)	13.0	150	3.3	493 Btuh
	Wall Total		1233		4049 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		18	12.9	233 Btuh
	Door Total		38		492Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1850	1.2	2180 Btuh
	Ceiling Total		1850		2180Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	194.0 ft(p)	16.4	3173 Btuh
	Floor Total		194		3173 Btuh
			Envelope Subtotal:		14819 Btuh

Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=	
	Natural	0.80	15615	1233	208.2	8433 Btuh
Ductload					(DLM of 0.159)	3694 Btuh
All Zones				**Sensible Subtotal All Zones**		**26946 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	26946 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	26946 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

1/31/2008

EQUIPMENT		
1. Electric Heat Pump	#	32000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House
Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

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

1/31/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
2	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
3	2, Clear, Metal, 0.87	E	40.0	32.2	1288 Btuh
4	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
5	2, Clear, Metal, 0.87	S	5.0	32.2	161 Btuh
	Window Total		153(sqft)		4925 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1083	3.3	3557 Btuh
2	Frame - Wood - Adj(0.09)	13.0	150	3.3	493 Btuh
	Wall Total		1233		4049 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		18	12.9	233 Btuh
	Door Total		38		492Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1850	1.2	2180 Btuh
	Ceiling Total		1850		2180Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	194.0 ft(p)	16.4	3173 Btuh
	Floor Total		194		3173 Btuh
			Zone Envelope Subtotal:		14819 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	15615	1233 208.2	8433 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.159)	3694 Btuh
Zone #1			**Sensible Zone Subtotal**		**26946 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	26946 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	26946 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

1/31/2008

EQUIPMENT

1. Electric Heat Pump	#	32000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/31/2008

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	29	80	4771 Btuh
2	2, Clear, 0.87, None,N,N	W	11.5f	8ft.	40.0	40.0	0.0	29	80	1158 Btuh
3	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	40.0	0.0	40.0	29	80	3181 Btuh
4	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	8.0	8.0	0.0	29	34	232 Btuh
5	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	5.0	5.0	0.0	29	34	145 Btuh
	Window Total				153 (sqft)					9487 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1083.0	2.1	2259 Btuh
2	Frame - Wood - Adj	13.0/0.09	150.0	1.5	226 Btuh
	Wall Total		1233 (sqft)		2485 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	18.0	9.8	176 Btuh
	Door Total	38 (sqft)		372 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1850.0	1.7	3064 Btuh
	Ceiling Total		1850 (sqft)		3064 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	194 (ft(p))	0.0	0 Btuh
	Floor Total		194.0 (sqft)		0 Btuh

			Envelope Subtotal:		15408 Btuh
Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	15615	1233	208.2	3390 Btuh
Internal gain	Occupants	Btuh/occupant			Appliance	Load
	6	X 230	+		2400	3780 Btuh
			Sensible Envelope Load:			22578 Btuh
Duct load			(DGM of 0.191)			4309 Btuh
			Sensible Load All Zones			**26887 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

1/31/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**22578 Btuh**
	Sensible Duct Load	4309 Btuh
	Total Sensible Zone Loads	**26887 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**26887 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6658 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	518 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**8375 Btuh**
	TOTAL GAIN	**35263 Btuh**

EQUIPMENT

1. Central Unit	#	32000 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House
Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/31/2008

Component Loads for Zone #1: Main

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	29	80	4771 Btuh
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5	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	5.0	5.0	0.0	29	34	145 Btuh
	Window Total				153 (sqft)					9487 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1083.0	2.1	2259 Btuh
2	Frame - Wood - Adj	13.0/0.09	150.0	1.5	226 Btuh
	Wall Total		1233 (sqft)		2485 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		20.0	9.8	196 Btuh
2	Insulated - Adjacent		18.0	9.8	176 Btuh
	Door Total		38 (sqft)		372 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1850.0	1.7	3064 Btuh
	Ceiling Total		1850 (sqft)		3064 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	194 (ft(p))	0.0	0 Btuh
	Floor Total		194.0 (sqft)		0 Btuh
				Zone Envelope Subtotal:	15408 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	15615	1233	182.2	3390 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		6	X 230	+	2400	3780 Btuh
				Sensible Envelope Load:		22578 Btuh
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)				(DGM of 0.191)	4309 Btuh
					Sensible Zone Load	**26887 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

Code Only
Professional Version
Climate: North

1/31/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**22578**	**Btuh**
	Sensible Duct Load	4309	Btuh
	Total Sensible Zone Loads	**26887**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
	Total sensible gain	**26887**	**Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	6658	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	518	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**8375**	**Btuh**
	TOTAL GAIN	**35263**	**Btuh**

EQUIPMENT

1. Central Unit	#	32000 Btuh

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

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Lake City, FL 32025-

Project Title:
Venture Pointe LLC - Model 1735

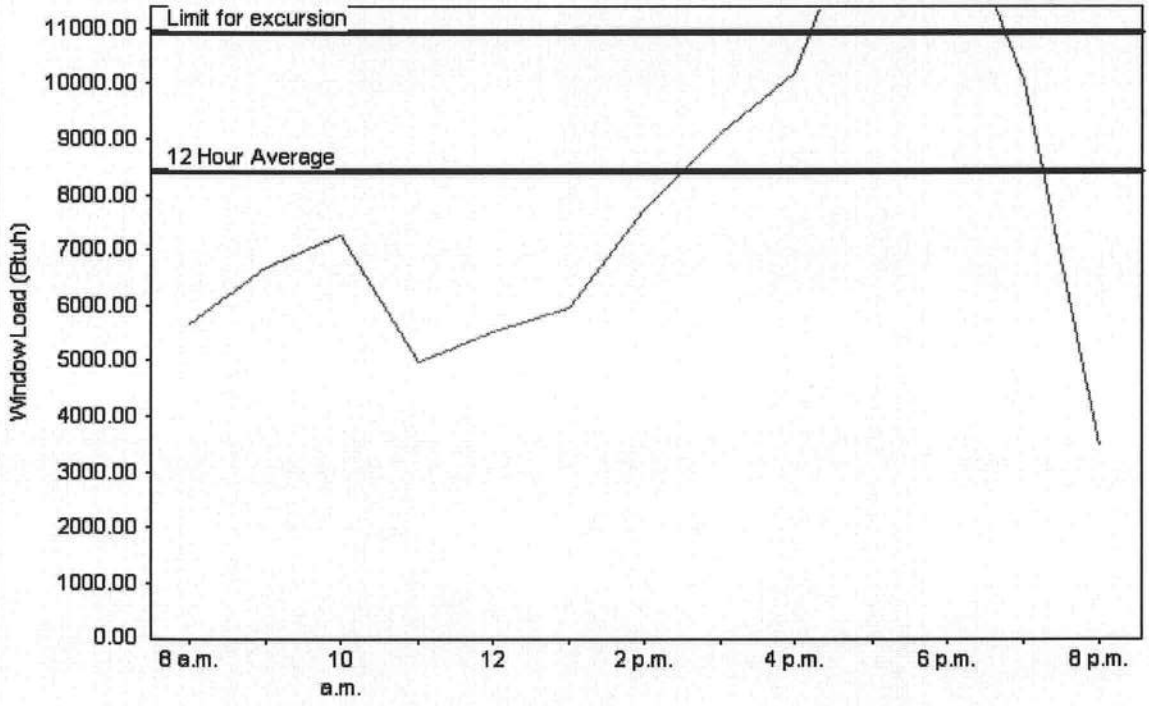
Code Only
Professional Version
Climate: North

1/31/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	8409 Btuh
Summer setpoint	75 F	Peak window load for July	14151 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	10932 Btu
Latitude	29 North	Window excursion (July)	3219 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

#26755

BOTTOM CHORD FILLER REPAIR

RECOMMENDED REPAIR PROCEDURE

1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER.
2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES. USE CARE NOT TO DAMAGE THE REMAINING CONNECTOR PLATES OR LUMBER IN ANY WAY.
4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.

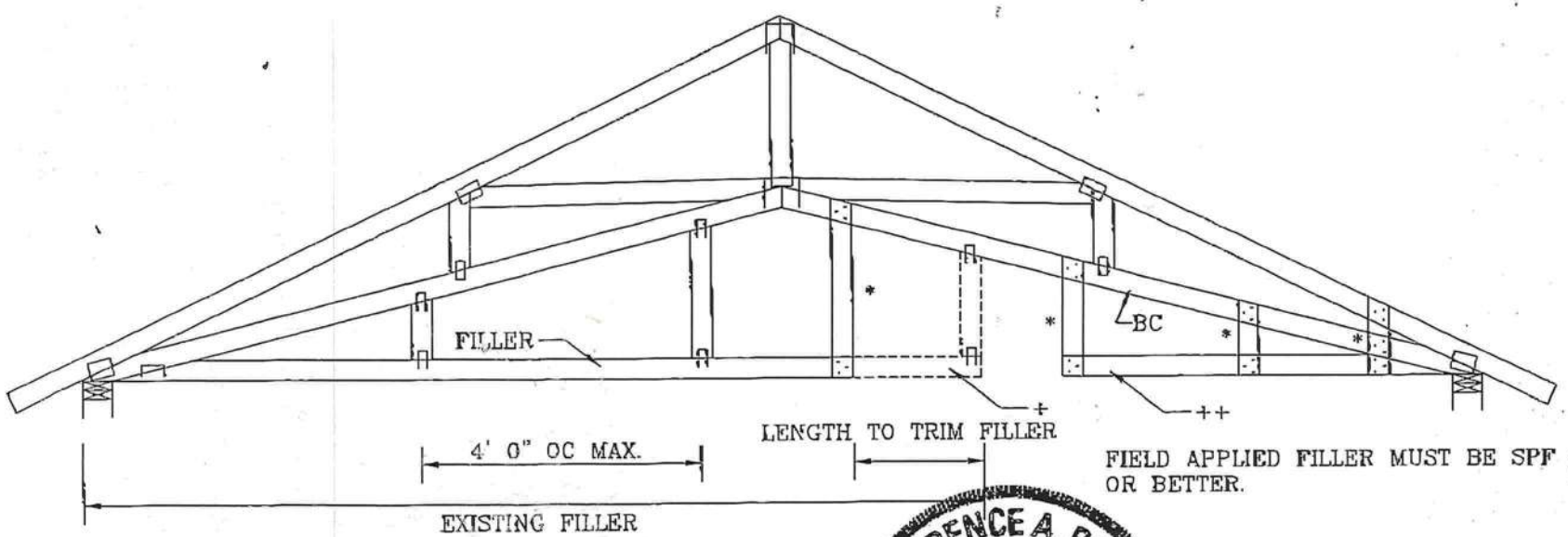
MAXIMUM BOTTOM CHORD LOAD IS 10 PSF.

\+ BOTTOM CHORD FILLER TO BE REMOVED. SEE NOTE #3.

++ FIELD APPLIED FILLER.

* 2X4 STUD GRADE OR BETTER VERTICAL SCAB. ATTACH TO BOTTOM CHORD AND FILLER WITH (3) NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR ALLOWABLE FILLER DIMENSIONS, PLACEMENT, AND WEBBING.



FIELD APPLIED FILLER MUST BE SPF #3 OR BETTER.

THIS DRAWING REPLACES DRAWING 962,767

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

LAWRENCE A. PAINE CERTIFICATE No. 21475 STATE OF FLORIDA PROFESSIONAL ENGINEER

REF	BC FILLER REP.
DATE	11/26/03
DRWG	REPBCFIL1103
-ENG	MLH/KAR

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 25-4S-16-03124-103 **Permit Number** 000026755

1. Description of property: (legal description of the property and street address or 911 address)
90 W to C.R. 341, Turn left to C.R. 242, Turn left to Asheville Rd. Turn Right and it's the 3rd lot on left.

153 S.W. Asheville Way, Lake City, FL 32024

2. General description of improvement: Resendital Home

3. Owner Name & Address Isaac Construction, LLC
2109 W US Hwy 90 Suite 170 PMB# 338 Lake City, FL 32055 **Interest in Property**

4. Name & Address of Fee Simple Owner (if other than owner): N/A

5. Contractor Name Isaac Construction, LLC **Phone Number** 386-719-7143
Address 2109 W US Hwy 90 Suite 170 PMB#338 Lake City, FL 32055

6. Surety Holders Name N/A **Phone Number**
Address
Amount of Bond

7. Lender Name Gateway Bank of Central FL. **Phone Number** 352-231-1700
Address 2210 SE 17th Street, Ocala, FL 34471

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name N/A
Address

Inst:200812005667 Date:3/24/2008 Time:11:13 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1146 P:317

9. In addition to himself/herself the owner designates _____ **of** _____ **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**
(a) 7. Phone Number of the designee N/A

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Isaac Bratkovich
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 24th Day of March, 2008.

Barbara C. Webster
NOTARY STAMP/SEAL
Signature of Notary

NOTARY PUBLIC * STATE OF FLORIDA *
Barbara C. Webster
Commission # DD329279
Expires July 2, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

26755

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip [illegible]
Company Business License No. JB109478 Company Phone No. [illegible]
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Isaac Twist Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 153 SW Asheville Way Lake City FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside Inside Type of Fill

Section 4: Treatment Information

Date(s) of Treatment(s) 3-26-04
Brand Name of Product(s) Used Biflex
EPA Registration No. 53883-184
Approximate Final Mix Solution % .6
Approximate Size of Treatment Area: Sq. ft. 2431 Linear ft. Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 245
Was treatment completed on exterior? ☒ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)

Comments

Name of Applicator(s) Steve Brannan Certification No. (if required by State law) JP109478

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Steve Brannan Date 3-26-04

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

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 25-4S-16-03124-103 **Building permit No.** 000026755

Use Classification SFD/UTILITY **Fire:** 64.20

Permit Holder ISAAC BRATKOVICH **Waste:** 167.50

Owner of Building ISAAC CONSTRUCTION **Total:** 231.70

Location: 153 SW ASHEVILLE WAY, LAKE CITY, FL

Date: 12/16/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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.

Owners Signature

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

Contractor's Signature (Permitee)

Contractor's License Number CBC059323
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31 **day of** Jan **20**08.
Personally known X **or Produced Identification** _____

State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC * STATE OF FLORIDA *
Barbara C. Webster
Commission # DD329279
Expires July 2, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Columbia County Building Permit Application Called on 2-13-08 LH

For Office Use Only Application # 0801-180 Date Received 1/31 By JW Permit # 1556-26755
Zoning Official BLK Date 12.02.08 Flood Zone X per plat FEMA Map # N/A Zoning PRD
Land Use R.L.D. Elevation N/A MFE 1st above Rd River N/A Plans Examiner OK JTH Date 2-7-08
Comments
☑ 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. ____ Fax 386-719-4757

Name Authorized Person Signing Permit Samantha Harrington Phone 386-719-7143

Address 209 W. US Hwy 90 Suite 170 PMB 338 Lake City, FL 32055

Owners Name ISAAC Construction Phone ____

911 Address 153 SW Asheville Way Lake City FL 32024

Contractors Name Isaac Construction, LLC Phone 386-719-7143

Address 2109 W US Hwy 90 Suite 170 PMB 338 Lake City, FL 32055

Fee Simple Owner Name & Address ____

Bonding Co. Name & Address ____

Architect/Engineer Name & Address Will Myers/Mark Disosway

Mortgage Lenders Name & Address ____

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

Property ID Number 25-4S-16-03124-103 Estimated Cost of Construction $112,775.00

Subdivision Name Hickory Cove Lot 3 Block ____ Unit ____ Phase ____

Driving Directions 90 to Sister Welcome at 242 take a left. On Ashville Road Tr. 3rd on left.

Number of Existing Dwellings on Property 0

Construction of Residental home Total Acreage .320 Lot Size 90' x 155'

Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing Drive Total Building Height 22ft

Actual Distance of Structure from Property Lines - Front 35 Side 17.10 Side 17.10 Rear 57.4

Number of Stories 1 Heated Floor Area 1735 SF Total Floor Area 2431 SF Roof Pitch 7/12

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.

Ck# 9886 – # 9886 - $50.00

See back over