DATE 03/05/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026823

APPLICANT BOB SISK PHONE 62-4542

ADDRESS 872 SW JAGUAR DR LAKE CITY FL 32025

OWNER GATEWAY DEV OF LAKE CITY, LLC PHONE 961-1086

ADDRESS 651 SW BELLFLOWER DR LAKE CITY FL 32025

CONTRACTOR JAMES MACK LIPSCOMB PHONE 623-9141

LOCATION OF PROPERTY 90 W, L 252 B, R INTO THE PERSERVE, L BELLFLOWER,
LOT AT THE END ON THE LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 165500.00

HEATED FLOOR AREA 2747.00 TOTAL AREA 3310.00 HEIGHT 26.10 STORIES 2

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB

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 03-4S-16-02731-043 SUBDIVISION PERSERVE @ LAUREL LAKE

LOT 43 BLOCK PHASE 1 UNIT TOTAL ACRES 0.25

000001570		CBC1253543		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
WAIVER	X08-060	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: MINIMUM FLOOR ELEVATION SET @ 106.2', ELEVATION LETTER REQUIRED
BEFORE SLAB

Check # or Cash 5165

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 $ 830.00 CERTIFICATION FEE $ 16.55 SURCHARGE FEE $ 16.55

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** 938.10

INSPECTORS OFFICE L. Hodson CLERKS OFFICE CH

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.

Cert. Copy 3.50

THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

File No. 07-374

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By S Laura Teagle
Deputy Clerk
Date 02-14-2008

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

Inst:200812003034 Date:2/14/2008 Time:8:49 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 2

PERMIT NO._____ TAX FOLIO NO.: 03-4S-16-02731-043

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

Lot 43, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of dwelling

3. Owner information:

a. Name and address: GATEWAY DEVELOPERS OF LAKE CITY, LLC, 2806 West US Highway 90, Suite 101, Lake City, Florida 32055.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: LIPSCOMB & EAGLE DEVELOPMENT, INC., 2806 West US Highway 90, Suite 101, Lake City, Florida 32055. Telephone No. 386-623-9141.

5. Surety

a. Name and address: None

b. Amount of bond:

6. Lender: FIRST FEDERAL BANK OF FLORIDA, 4705 West US Highway 90, Lake City, Florida 32055. Telephone No. 386-755-0600.

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates CASEY NORRIS of FIRST FEDERAL BANK OF FLORIDA, 4705 West US Highway 90, Lake City, Florida 32055, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES.

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE READ THE FOREGOING AND THAT THE FACTS STATED IN IT ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

GATEWAY DEVELOPERS OF LAKE CITY, LLC

By: _____
Daniel Crapps, Managing Member

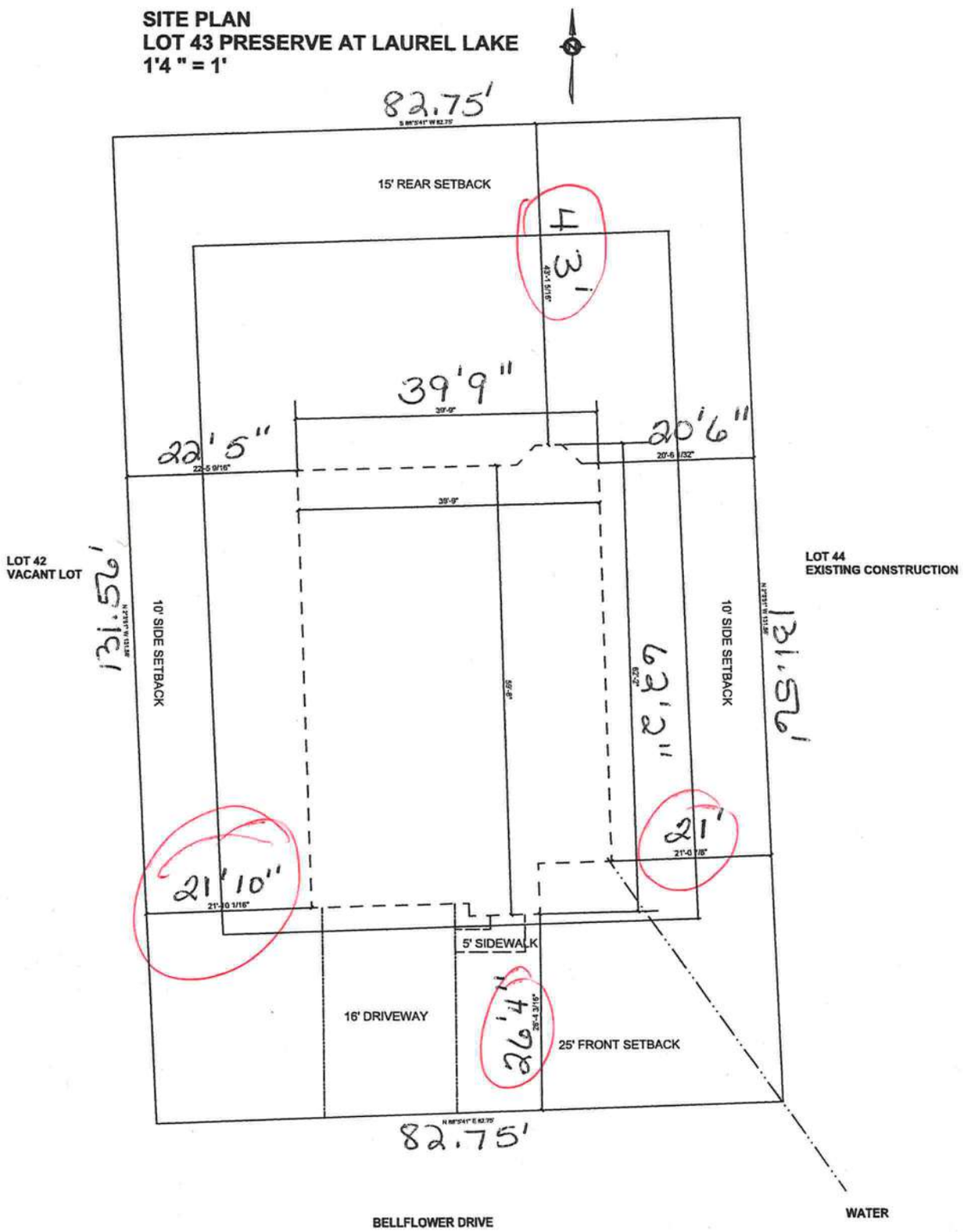
By: _____
Thomas H. Eagle, Managing Member

The foregoing instrument was acknowledged before me this 12th day of February 2008, by DANIEL CRAPPS and THOMAS H. EAGLE, as Managing Members of GATEWAY DEVELOPERS OF LAKE CITY, LLC, a Florida Limited Liability Company, on behalf of said company. They are personally known to me and did not take an oath.

_____
Notary Public
My commission expires:

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

SITE PLAN
LOT 43 PRESERVE AT LAUREL LAKE
1'4 " = 1'



Susan Eagle
2/21/08

Rec. 18.50
Doc. 454.30

THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

File No. 07-373

Property Appraiser's
Identification Number
03-4S-16-02731-043

Inst:200812003029 Date:2/14/2008 Time:9:49 AM
Doc Stamp-Deed:454.30
DC,P.DeWitt Cason,Columbia County Page 1 of 2

WARRANTY DEED

This Warranty Deed, made this 12th day of February 2008, BETWEEN RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, whose post office address is Post Office Box 3659, Lake City, FL 32056-3659, of the County of Columbia, State of Florida, grantor*, and GATEWAY DEVELOPERS OF LAKE CITY, LLC, a Florida Limited Liability Company, whose document number assigned by the Secretary of State of Florida is L04000093284 and whose Federal Tax I.D. Number is 20-2222207*, whose post office address is 2806 West US Highway 90, Suite 101, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantee*.

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

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

Lot 43, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

*N.B.: THE PURPOSE OF INCLUDING THE DOCUMENT NUMBER AND THE FEDERAL TAX I.D. NUMBER OF THIS GRANTEE IS TO AVLID CONFUSION BETWEEN THIS GRANTEE AND ANY OTHER LIMITED LIABILITY COMPANY OF THE SAME OR SIMILAR NAME.

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

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

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

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

Signed, sealed and delivered in our presence:

(Signature of First Witness)

Myrtle Ann McElroy
(Typed Name of First Witness)

(Signature of Second Witness)

DeEtte F. Brown
(Typed Name of Second Witness)

RESIDENTIAL DEVELOPMENT GROUP, LLC

(SEAL)
Grantor
By: DANIEL CRAPPS,
Managing Member

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

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 12th day of February 2008, by DANIEL CRAPPS and CHARLES S. SPARKS, as Managing Members of RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, who are personally known to me and who did not take an oath.

My Commission Expires:

Notary Public
Printed, typed, or stamped name:

MYRTLE ANN MCELROY
MY COMMISSION # DD 604339
EXPIRES: February 12, 2011
Bonded Thru Notary Public Underwriters

26823

BRITT SURVEYING
Land Surveyors and Mappers
830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

07/02/08

L-19398

To Whom It May Concern:

C/o: Lipscomb & Eagle

Re: Lot 43 of Preserve at Laurel Lake, Unit 1

The elevation of the foundation is found to be 107.85 feet. The centerline of the adjacent road SW Bellflower Drive is 105.33 feet. The minimum floor elevation is 106.20 feet per the plat of record. The highest adjacent grade is 106.23 feet. The lowest adjacent grade is 105.68 feet. The elevations shown hereon are based on NGVD 29 Datum.

L. Scott Britt
PLS #5757

Columbia County Building Permit Application

Permit Ck 5165 Impact Ck 5166 Impact Ck 5167

For Office Use Only Application # 0802-33 Date Received 2/27 By JW Permit # 15746823

Zoning Official _____ Date _____ Flood Zone X per plat FEMA Map # N/A Zoning PRD

Land Use RLD Elevation N/A MFE 106.2' River N/A Plans Examiner OKJTH Date 3-3-08

Comments Elevation Confirmation letter Required before SLAB.

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

☐ Dev Permit # _____ ☐ In Floodway ☑ Letter of Authorization from Contractor on file

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

Bob Sisk Fax 719-9586

Name Authorized Person Signing Permit ~~Susan Eagle~~ Phone 623-4542 ext 6612

Address 872 SW Jaguar Dr Lake City Fl 32025

Owners Name Gateway Developers of Lake City, LLC Phone 961-1086

911 Address 6451 Sw Bellflower Dr. Lake City, Fl 32024

Contractors Name James Mack Lipscomb Phone 623-9141

Address 872 Sw Jaguar Dr. Lake City, fl 32025

Fee Simple Owner Name & Address n/a

Bonding Co. Name & Address n/a

Architect/Engineer Name & Address Mark Disosway

Mortgage Lenders Name & Address First Federal 755-0600 Robert Torberville

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

03-45-16

Property ID Number 02731-043 Estimated Cost of Construction $225,000

Subdivision Name The Preserve @ Laurel Lake Lot 43 Block ____ Unit ____ Phase 1

Driving Directions 90 west, pass I-75, Left on 252B, Right into The Preserve, left on Bellflower Lot @ end on ~~Right~~

Number of Existing Dwellings on Property 0

Construction of Single family Dwelling Total Acreage .25 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 26'-10"

Actual Distance of Structure from Property Lines - Front ~~26'4"~~ Side ~~22'5"~~ Side ~~20'6"~~ Rear ~~43'~~

Number of Stories 2 Heated Floor Area ~~2671~~ 2747 Total Heated Floor Area ~~2671~~ 3310 Roof Pitch _____

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

left message w/Susan 3/4/08

Columbia County Building Permit Application

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

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

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

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

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 CGC1253543
Columbia County
Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 21 **day of** Feb **20**08.

Personally known X **or Produced Identification**

State of Florida Notary Signature (For the Contractor)

SEAL:

Susan L. Holton
Commission #DD431203
Expires: MAY 19, 2009
www.AARONNOTARY.com

FORM 600A-2004 EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**711294LipscombEagleDevelopment**	Builder:	
Address:	**Lot: 43, Sub: Preserve, Plat:**	Permitting Office:	Columbia
City, State:	**, FL**	Permit Number:	26833
Owner:	**Spec House Mediterranean Model**	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: 44.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2747 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) 240.5 ft²	a. Electric Heat Pump	Cap: 44.0 kBtu/hr
b. SHGC:			HSPF: 7.90
(or Clear or Tint DEFAULT) 7b.	(Clear) 240.5 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 187.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Exterior	R=13.0, 2157.5 ft²		EF: 0.93
b. Frame, Wood, Adjacent	R=13.0, 268.0 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, 2747.0 ft²	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 200.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

Glass/Floor Area: 0.09 Total as-built points: 32689 Total base points: 39051 **PASS**

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

PREPARED BY: _____

DATE: 12-14-07

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

OWNER/AGENT: _____

DATE: _____

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

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: 43, Sub: Preserve, Plat: , , FL,** 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	**2747.0**	**20.04**	**9909.0**	Double, Clear	S	1.5	0.0	80.0	35.87	0.43	1239.3	
				Double, Clear	SE	1.5	0.0	10.0	42.75	0.38	162.2	
				Double, Clear	S	1.5	0.0	10.0	35.87	0.43	154.9	
				Double, Clear	SW	1.5	0.0	10.0	40.16	0.37	147.8	
				Double, Clear	W	1.5	5.5	12.5	38.52	0.90	431.9	
				Double, Clear	W	1.5	10.8	20.0	38.52	0.98	758.4	
				Double, Clear	N	1.5	5.5	20.0	19.20	0.93	356.4	
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7	
				Double, Clear	N	1.5	2.5	4.7	19.20	0.80	71.9	
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7	
				Double, Clear	E	1.5	5.5	13.3	42.06	0.90	501.4	
				As-Built Total:				**240.5**			**4893.7**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	268.0	0.70	187.6	Frame, Wood, Exterior			13.0	2157.5	1.50		3236.3	
Exterior	2157.5	1.70	3667.8	Frame, Wood, Adjacent			13.0	268.0	0.60		160.8	
Base Total:	**2425.5**		**3855.3**	**As-Built Total:**				**2425.5**			**3397.1**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	20.0	1.60	32.0	Exterior Insulated				40.0	4.10		164.0	
Exterior	40.0	4.10	164.0	Adjacent Insulated				20.0	1.60		32.0	
Base Total:	**60.0**		**196.0**	**As-Built Total:**				**60.0**			**196.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1797.0	1.73	3108.8	Under Attic			30.0	2747.0	1.73 X 1.00		4752.3	
Base Total:	**1797.0**		**3108.8**	**As-Built Total:**				**2747.0**			**4752.3**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	187.0(p)	-37.0	-6919.0	Slab-On-Grade Edge Insulation			0.0	187.0(p	-41.20		-7704.4	
Raised	0.0	0.00	0.0									
Base Total:			**-6919.0**	**As-Built Total:**				**187.0**			**-7704.4**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2747.0	10.21	28046.9					2747.0	10.21		28046.9	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 43, Sub: Preserve, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 38197.0			**Summer As-Built Points:**					**33581.5**
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 44000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			33582	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	10030.5
38197.0	**0.4266**	**16294.8**	**33581.5**	**1.00**	**1.138**	**0.263**	**1.000**	**10030.5**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 43, Sub: Preserve, Plat: , , FL,** 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	**2747.0**	**12.74**	**6299.4**	Double, Clear	S	1.5	0.0	80.0	13.30	3.66	3893.5	
				Double, Clear	SE	1.5	0.0	10.0	14.71	2.65	389.7	
				Double, Clear	S	1.5	0.0	10.0	13.30	3.66	486.7	
				Double, Clear	SW	1.5	0.0	10.0	16.74	2.03	339.9	
				Double, Clear	W	1.5	5.5	12.5	20.73	1.03	266.4	
				Double, Clear	W	1.5	10.8	20.0	20.73	1.00	416.4	
				Double, Clear	N	1.5	5.5	20.0	24.58	1.00	493.0	
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5	
				Double, Clear	N	1.5	2.5	4.7	24.58	1.01	116.9	
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5	
				Double, Clear	E	1.5	5.5	13.3	18.79	1.04	260.3	
				As-Built Total:				**240.5**			**8141.8**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	268.0	3.60	964.8	Frame, Wood, Exterior	13.0	2157.5	3.40	7335.5
Exterior	2157.5	3.70	7982.8	Frame, Wood, Adjacent	13.0	268.0	3.30	884.4
Base Total:	**2425.5**		**8947.5**	**As-Built Total:**		**2425.5**		**8219.9**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	8.00	160.0	Exterior Insulated	40.0	8.40	336.0
Exterior	40.0	8.40	336.0	Adjacent Insulated	20.0	8.00	160.0
Base Total:	**60.0**		**496.0**	**As-Built Total:**	**60.0**		**496.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	1797.0	2.05	3683.8	Under Attic	30.0	2747.0	2.05 X	1.00	5631.4
Base Total:	**1797.0**		**3683.8**	**As-Built Total:**		**2747.0**			**5631.4**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	187.0(p)	8.9	1664.3	Slab-On-Grade Edge Insulation	0.0	187.0(p	18.80	3515.6
Raised	0.0	0.00	0.0					
Base Total:			**1664.3**	**As-Built Total:**		**187.0**		**3515.6**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	2747.0	-0.59	-1620.7	2747.0	-0.59	-1620.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 43, Sub: Preserve, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		**19470.4**	**Winter As-Built Points:**						**24383.9**
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 44000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0						
			24383.9	1.000	(1.069 x 1.169 x 0.93)	0.432	1.000	12232.3	
19470.4	**0.6274**	**12215.7**	**24383.9**	**1.00**	**1.162**	**0.432**	**1.000**	**12232.3**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 43, Sub: Preserve, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4		2635.00	10540.0	40.0	0.93	4	1.00	2606.67	1.00	10426.7	
				As-Built Total:						**10426.7**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
16295	**12216**	**10540**	**39051**	**10031**	**12232**	**10427**	**32689**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 43, Sub: Preserve, Plat: , , FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.1

The higher the score, the more efficient the home.

Spec House Mediterranean Model, Lot: 43, Sub: Preserve, Plat: , , FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 44.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	4			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	2747 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) 240.5 ft²			a. Electric Heat Pump	Cap: 44.0 kBtu/hr
	b. SHGC:					HSPF: 7.90
	(or Clear or Tint DEFAULT) 7b.	(Clear) 240.5 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 187.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 2157.5 ft²				EF: 0.93
	b. Frame, Wood, Adjacent	R=13.0, 268.0 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, 2747.0 ft²		15.	HVAC credits	
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 200.0 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.

Residential System Sizing Calculation

Summary

Spec House Mediterranean Model

, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

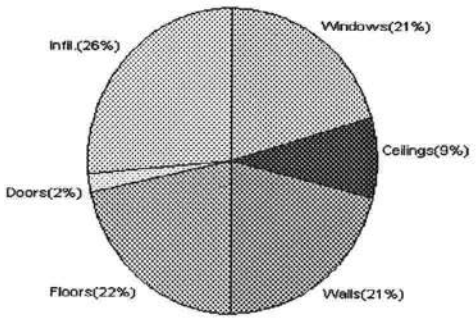
12/14/2007

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	**37677**	**Btuh**	**Total cooling load calculation**	**32987**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	116.8	44000	Sensible (SHR = 0.50)	82.0	22000
Heat Pump + Auxiliary(0.0kW)	116.8	44000	Latent	357.7	22000
			Total (Electric Heat Pump)	133.4	44000

WINTER CALCULATIONS

Winter Heating Load (for 2747 sqft)

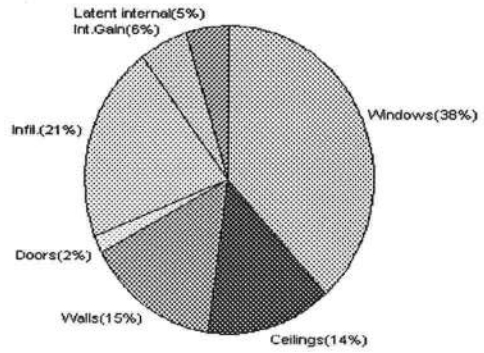
Load component			Load	
Window total	241	sqft	7742	Btuh
Wall total	2426	sqft	7965	Btuh
Door total	60	sqft	777	Btuh
Ceiling total	2747	sqft	3237	Btuh
Floor total	187	sqft	8164	Btuh
Infiltration	242	cfm	9792	Btuh
Duct loss			0	Btuh
Subtotal			**37677**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**37677**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2747 sqft)

Load component			Load	
Window total	241	sqft	12637	Btuh
Wall total	2426	sqft	4905	Btuh
Door total	60	sqft	588	Btuh
Ceiling total	2747	sqft	4549	Btuh
Floor total			0	Btuh
Infiltration	125	cfm	2318	Btuh
Internal gain			1840	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**26836**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			4551	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1600	Btuh
Total latent gain			**6151**	**Btuh**
TOTAL HEAT GAIN			**32987**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 12-14-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

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

12/14/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	80.0	32.2	2575 Btuh
2	2, Clear, Metal, 0.87	W	10.0	32.2	322 Btuh
3	2, Clear, Metal, 0.87	NW	10.0	32.2	322 Btuh
4	2, Clear, Metal, 0.87	N	10.0	32.2	322 Btuh
5	2, Clear, Metal, 0.87	NE	12.5	32.2	402 Btuh
6	2, Clear, Metal, 0.87	NE	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh
8	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
9	2, Clear, Metal, 0.87	SE	4.7	32.2	151 Btuh
10	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
11	2, Clear, Metal, 0.87	SW	13.3	32.2	428 Btuh
	Window Total		241(sqft)		7742 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2158	3.3	7085 Btuh
2	Frame - Wood - Adj(0.09)	13.0	268	3.3	880 Btuh
	Wall Total		2426		7965 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		60		777Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2747	1.2	3237 Btuh
	Ceiling Total		2747		3237Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	187.0 ft(p)	43.7	8164 Btuh
	Floor Total		187		8164 Btuh
			Zone Envelope Subtotal:		27886 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	21976	241.7	9792 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**37677 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

12/14/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	37677 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	37677 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)

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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

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

12/14/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	80.0	32.2	2575 Btuh
2	2, Clear, Metal, 0.87	W	10.0	32.2	322 Btuh
3	2, Clear, Metal, 0.87	NW	10.0	32.2	322 Btuh
4	2, Clear, Metal, 0.87	N	10.0	32.2	322 Btuh
5	2, Clear, Metal, 0.87	NE	12.5	32.2	402 Btuh
6	2, Clear, Metal, 0.87	NE	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh
8	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
9	2, Clear, Metal, 0.87	SE	4.7	32.2	151 Btuh
10	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
11	2, Clear, Metal, 0.87	SW	13.3	32.2	428 Btuh
	Window Total		241(sqft)		7742 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2158	3.3	7085 Btuh
2	Frame - Wood - Adj(0.09)	13.0	268	3.3	880 Btuh
	Wall Total		2426		7965 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		60		777Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2747	1.2	3237 Btuh
	Ceiling Total		2747		3237Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	187.0 ft(p)	43.7	8164 Btuh
	Floor Total		187		8164 Btuh
			Zone Envelope Subtotal:		27886 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	21976	241.7	9792 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**37677 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

12/14/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	37677 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	37677 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)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 12/14/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	80.0	0.0	80.0	29	60	4803 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft.	0ft.	10.0	10.0	0.0	29	80	290 Btuh
3	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	10.0	0.0	10.0	29	60	600 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft.	0ft.	10.0	0.0	10.0	29	29	290 Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	12.5	0.0	12.5	29	60	750 Btuh
6	2, Clear, 0.87, None,N,N	NE	1.5ft.	10.7	20.0	0.0	20.0	29	60	1201 Btuh
7	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	20.0	8.1	11.9	29	63	979 Btuh
8	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh
9	2, Clear, 0.87, None,N,N	SE	1.5ft.	2.5ft.	4.7	4.7	0.0	29	63	136 Btuh
10	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh
11	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	13.3	5.4	7.9	29	63	651 Btuh
	Window Total				241 (sqft)					12637 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2157.5	2.1	4500 Btuh
2	Frame - Wood - Adj	13.0/0.09	268.0	1.5	404 Btuh
	Wall Total		2426 (sqft)		4905 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	40.0	9.8	392 Btuh
	Door Total	60 (sqft)		588 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2747.0	1.7	4549 Btuh
	Ceiling Total		2747 (sqft)		4549 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	187 (ft(p))	0.0	0 Btuh
	Floor Total		187.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	22679 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.34	21976	124.5	2318 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	8	X 230 +	0	1840 Btuh

Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic) DGM = 0.00	0.0 Btuh
	Sensible Zone Load	**26836 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

12/14/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**26836 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**26836 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**26836 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	4551 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6151 Btuh**
	TOTAL GAIN	**32987 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)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 12/14/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	80.0	0.0	80.0	29	60	4803 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft.	0ft.	10.0	10.0	0.0	29	80	290 Btuh
3	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	10.0	0.0	10.0	29	60	600 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft.	0ft.	10.0	0.0	10.0	29	29	290 Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	12.5	0.0	12.5	29	60	750 Btuh
6	2, Clear, 0.87, None,N,N	NE	1.5ft.	10.7	20.0	0.0	20.0	29	60	1201 Btuh
7	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	20.0	8.1	11.9	29	63	979 Btuh
8	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh
9	2, Clear, 0.87, None,N,N	SE	1.5ft.	2.5ft.	4.7	4.7	0.0	29	63	136 Btuh
10	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh
11	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	13.3	5.4	7.9	29	63	651 Btuh
	Window Total				241 (sqft)					12637 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2157.5	2.1	4500 Btuh
2	Frame - Wood - Adj	13.0/0.09	268.0	1.5	404 Btuh
	Wall Total		2426 (sqft)		4905 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	40.0	9.8	392 Btuh
	Door Total	60 (sqft)		588 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2747.0	1.7	4549 Btuh
	Ceiling Total		2747 (sqft)		4549 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	187 (ft(p))	0.0	0 Btuh
	Floor Total		187.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	22679 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.34	21976	124.5	2318 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	8	X 230 +	0	1840 Btuh

Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic) DGM = 0.00	0.0 Btuh
	Sensible Zone Load	**26836 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House Mediterranean Model
, FL

Project Title:
711294LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

12/14/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**26836 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**26836 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**26836 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	4551 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6151 Btuh**
	TOTAL GAIN	**32987 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)

For Florida residences only

Residential Window Diversity

MidSummer

Spec House Mediterranean Model

, FL

Project Title:
711294LipscombEagleDevelopment

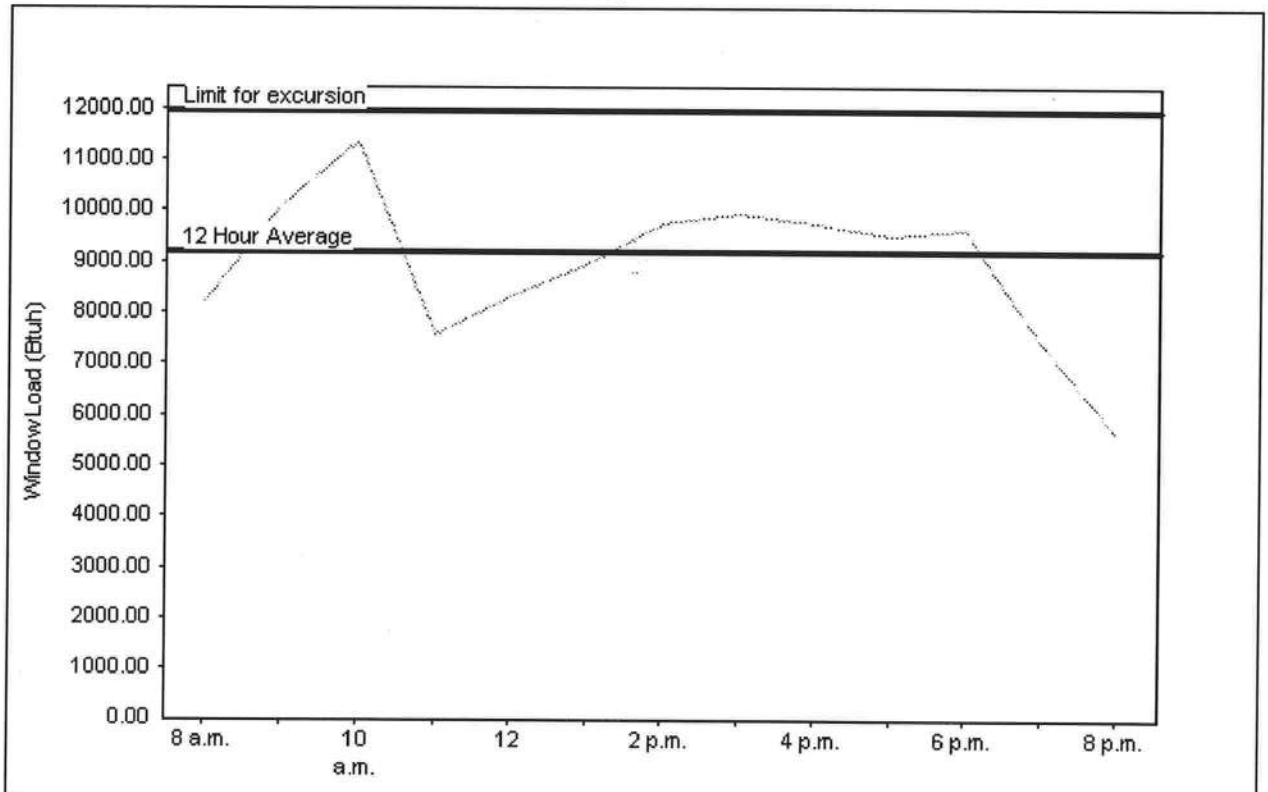
Class 3 Rating
Registration No. 0
Climate: North

12/14/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	9197 Btuh
Summer setpoint	75 F	Peak window load for July	11356 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	11956 Btu
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE: 12-14-07

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001570

DATE: 03/05/2008 BUILDING PERMIT NO. 26823

APPLICANT BOB SISK PHONE 623-4542

ADDRESS 872 SW JAGUAR DR LAKE CITY FL 32025

OWNER GATEWAY DEVELOPERS OF LC, INC. PHONE 961-1086

ADDRESS 651 SW BELLFLOWER DR LAKE CITY FL 32024

CONTRACTOR JAMES MACK LIPSCOMB PHONE 623-9141

LOCATION OF PROPERTY 90 WEST, L 252 B, R INTO THE PERSERVE, LEFT ON BELLFLOWER,

LOT AT THE END ON THE LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PRESERVE @ LAUREL LK 43 1

PARCEL ID # 03-4S-16-02731-043

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: J. E. Lipscomb

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: Lester Phillips DATE: 3-12-08

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

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

COLUMBIA COUNTY GATEWAY TO FLORIDA

THIS INSTRUMENT WAS PREPARED BY:

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

Inst:200912014906 Date:9/3/2009 Time:10:45 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1180 P:698

PERMIT NO. 26823

TAX FOLIO NO.:

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:
Lot 43
Preserve at Laurel Lake

2. General description of improvement: Construction of Dwelling

3. Owner information:
a. Name and address: Gateway Developers of Lake City, LLC
2806 West 90 Ste 101 Lake City, FL 32055
b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: James Mack Lipsomb

5. Surety n/a
a. Name and address:
b. Amount of bond:

6. Lender:
First Federal

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates _____, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). _____.

The foregoing instrument was acknowledged before me this 1 day of SEPTEMBER, 2009, by THOMAS EAGLE, who are personally known to me and who did not take an oath.

Notary Public
My commission expires: 7/28/2012

MICHELLE L LASHLEY
MY COMMISSION # DD919754
EXPIRES July 28, 2012
(407)398-0153 NotaryOfAmerica.com

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 03-4S-16-02731-043 **Building permit No.** 000026823

Use Classification SFD,UTILITY **Fire:** 51.36

Permit Holder JAMES MACK LIPSCOMB **Waste:** 134.00

Owner of Building GATEWAY DEV OF LAKE CITY, LLC **Total:** 185.36

Location: 651 SW BELLFLOWER DRIVE, LAKE CITY, FL

Date: 02/18/2010

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise. # 26823

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. [illegible] Company Phone No. [illegible]
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Zipcomb & Eagle Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 651 S.W Bellflower Rd.
Lake City Fl

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 24 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 7-2-08
Brand Name of Product(s) Used Bifen
EPA Registration No. 53883-184
Approximate Final Mix Solution % .6
Approximate Size of Treatment Area: Sq. ft. 2296 Linear ft. 216 Linear ft. of Masonry Voids 216
Approximate Total Gallons of Solution Applied 489
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 Brannon Certification No. (if required by State law) [illegible]

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 [signature] Date 7-2-08

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)

Form **NPCA-99-B** may still be used form **HUD-NPCA-99-B** (04/2003)

#-0802-33

Builders FirstSource

JULIUS LEE LICENSE NO. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER
February 26, 2008

Project Information for: **L235554F**

Builder: Lipscomb & Eagle Development Inc.
Lot : 115-1
Subdivision: Preserve at Laurel Lake
County: Columbia
Truss Count: 10
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

Gravity:	**Wind:**	
Roof (psf): N/A	Wind Standard: N/A	Wind Exposure: N/A
Floor (psf): 55.0	Wind Speed (mph): N/A	

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

Contractor of Record, responsible for structural engineering:
James M. Lipscomb Florida License No. CBC1253543
Address: 2806 U.S. Highway West Suite 101 Lake City, Florida 32055

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

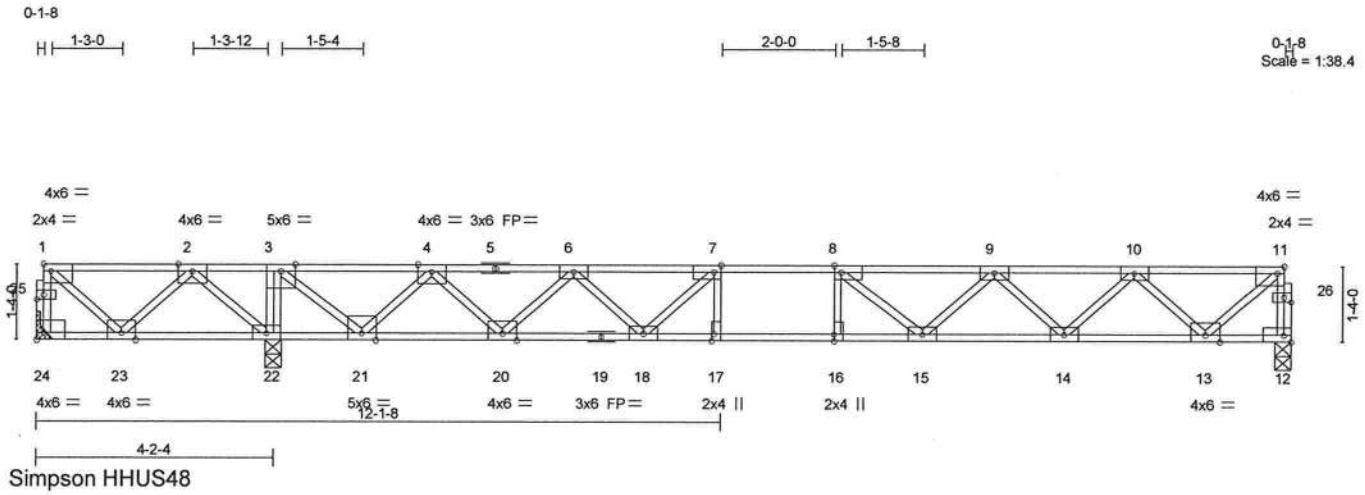
Notes:

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	J1939927	F01	2/26/08
2	J1939928	F01KW	2/26/08
3	J1939929	F02	2/26/08
4	J1939930	F02A	2/26/08
5	J1939931	F03	2/26/08
6	J1939932	F03KW	2/26/08
7	J1939933	F04	2/26/08
8	J1939934	F05	2/26/08
9	J1939935	F06KW	2/26/08
10	J1939936	F08	2/26/08

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939927
L235554F	F01	FLOOR	10	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Feb 26 14:30:24 2008 Page 1



Simpson HHUS48

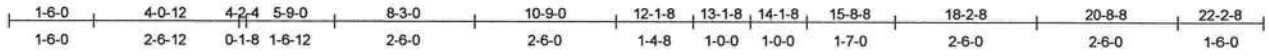


Plate Offsets (X,Y): [1:Edge,0-1-8], [7:0-1-8,Edge], [8:0-1-8,Edge], [11:0-1-8,Edge], [16:0-1-8,0-0-0], [17:0-1-8,Edge], [24:Edge ,0-1-8], [25:0-1-8,0-1-0], [26:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.70	Vert(LL)	-0.21	15-16	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.89	Vert(TL)	-0.32	15-16	>674	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.03	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 115 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2 *Except* 12-19 4 X 2 SYP No.1D
WEBS 4 X 2 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 6-0-0 oc bracing.

REACTIONS (lb/size) 24=-423/Mechanical, 12=833/0-3-8, 22=1993/0-3-8
Max Uplift 24=-575(load case 3)
Max Grav 24=37(load case 2), 12=834(load case 3), 22=1993(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 24-25=-33/579, 1-25=-33/578, 12-26=-830/0, 11-26=-829/0, 1-2=0/683, 2-3=0/2092, 3-4=0/892, 4-5=-893/0, 5-6=-893/0, 6-7=-2006/0, 7-8=-2560/0, 8-9=-2545/0, 9-10=-1995/0, 10-11=-829/0
BOT CHORD 23-24=-30/2, 22-23=-1325/0, 21-22=-2092/0, 20-21=-48/208, 19-20=0/1560, 18-19=0/1560, 17-18=0/2560, 16-17=0/2560, 15-16=0/2560, 14-15=0/2424, 13-14=0/1552, 12-13=0/43
WEBS 7-17=-3/290, 8-16=-236/35, 3-22=-1181/0, 1-23=-888/0, 2-23=0/892, 2-22=-1202/0, 7-18=-798/0, 6-18=0/622, 6-20=-929/0, 4-20=0/987, 4-21=-1394/0, 3-21=0/1592, 11-13=0/1068, 10-13=-1006/0, 10-14=0/616, 9-14=-596/0, 9-15=0/258, 8-15=-270/163

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

Continued on page 2

February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939927
L235554F	F01	FLOOR	10	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.52, 2 = 0.56, 3 = 0.92, 4 = 0.62, 5 = 0.13, 6 = 0.65, 7 = 0.64, 8 = 0.64, 9 = 0.50, 10 = 0.64, 11 = 0.61, 12 = 0.64, 13 = 0.67, 14 = 0.64, 15 = 0.50, 16 = 0.47, 17 = 0.47, 18 = 0.65, 19 = 0.49, 20 = 0.62, 21 = 0.92, 22 = 0.64, 23 = 0.56, 24 = 0.53, 25 = 0.00, 25 = 0.47, 26 = 0.00 and 26 = 0.47

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 19 and 5.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 575 lb uplift at joint 24.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34834
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

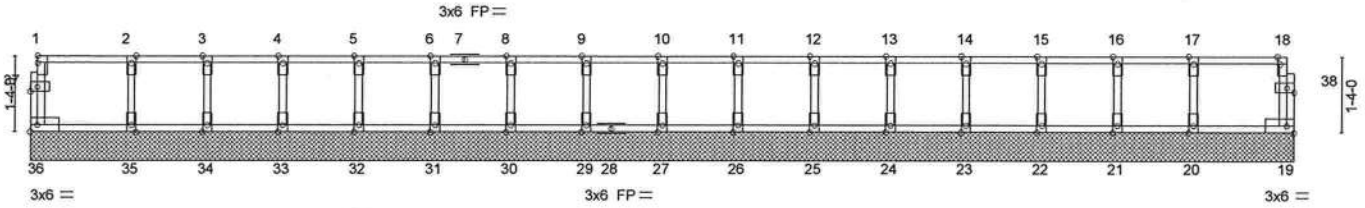
February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939928
L235554F	F01KW	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Feb 26 14:30:25 2008 Page 1

0-1-8 0-1-8

Scale = 1:38.2



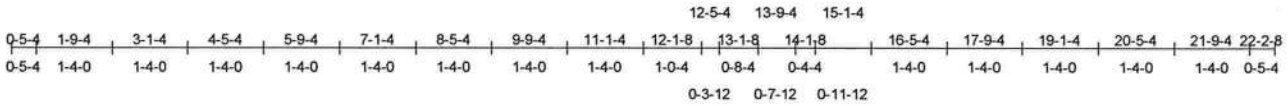


Plate Offsets (X,Y): [18:0-1-8,Edge], [37:0-1-8,0-1-0], [38:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	19	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 96 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 SYP No.3
OTHERS 4 X 2 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) 36=84/22-2-8, 19=84/22-2-8, 27=147/22-2-8, 29=147/22-2-8, 30=147/22-2-8, 31=147/22-2-8, 32=146/22-2-8, 33=148/22-2-8, 34=140/22-2-8, 35=170/22-2-8, 26=147/22-2-8, 25=147/22-2-8, 24=147/22-2-8, 23=146/22-2-8, 22=148/22-2-8, 21=140/22-2-8, 20=170/22-2-8

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 36-37=-76/0, 1-37=-75/0, 19-38=-76/0, 18-38=-75/0, 1-2=-18/0, 2-3=-18/0, 3-4=-18/0, 4-5=-18/0, 5-6=-18/0, 6-7=-18/0, 7-8=-18/0, 8-9=-18/0, 9-10=-18/0, 10-11=-18/0, 11-12=-18/0, 12-13=-18/0, 13-14=-18/0, 14-15=-18/0, 15-16=-18/0, 16-17=-18/0, 17-18=-18/0
BOT CHORD 35-36=0/18, 34-35=0/18, 33-34=0/18, 32-33=0/18, 31-32=0/18, 30-31=0/18, 29-30=0/18, 28-29=0/18, 27-28=0/18, 26-27=0/18, 25-26=0/18, 24-25=0/18, 23-24=0/18, 22-23=0/18, 21-22=0/18, 20-21=0/18, 19-20=0/18
WEBS 10-27=-133/0, 9-29=-133/0, 8-30=-133/0, 6-31=-133/0, 5-32=-133/0, 4-33=-135/0, 3-34=-127/0, 2-35=-155/0, 11-26=-133/0, 12-25=-133/0, 13-24=-133/0, 14-23=-133/0, 15-22=-135/0, 16-21=-127/0, 17-20=-155/0

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

February 26,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939928
L235554F	F01KW	GABLE	1	1	Job Reference (optional)

JOINT STRESS INDEX

1 = 0.48, 2 = 0.47, 3 = 0.47, 4 = 0.47, 5 = 0.47, 6 = 0.47, 7 = 0.13, 8 = 0.47, 9 = 0.47, 10 = 0.47, 11 = 0.47, 12 = 0.47, 13 = 0.47, 14 = 0.47, 15 = 0.47, 16 = 0.47, 17 = 0.47, 18 = 0.48, 19 = 0.64, 20 = 0.47, 21 = 0.47, 22 = 0.47, 23 = 0.47, 24 = 0.47, 25 = 0.47, 26 = 0.47, 27 = 0.47, 28 = 0.13, 29 = 0.47, 30 = 0.47, 31 = 0.47, 32 = 0.47, 33 = 0.47, 34 = 0.47, 35 = 0.47, 36 = 0.64, 37 = 0.00, 37 = 0.47, 38 = 0.00 and 38 = 0.47

NOTES

1) All plates are 2x4 MT20 unless otherwise indicated.
2) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 28 and 7.
3) Gable requires continuous bottom chord bearing.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 1-4-0 oc.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939929
L235554F	F02	FLOOR	1	1	Job Reference (optional)

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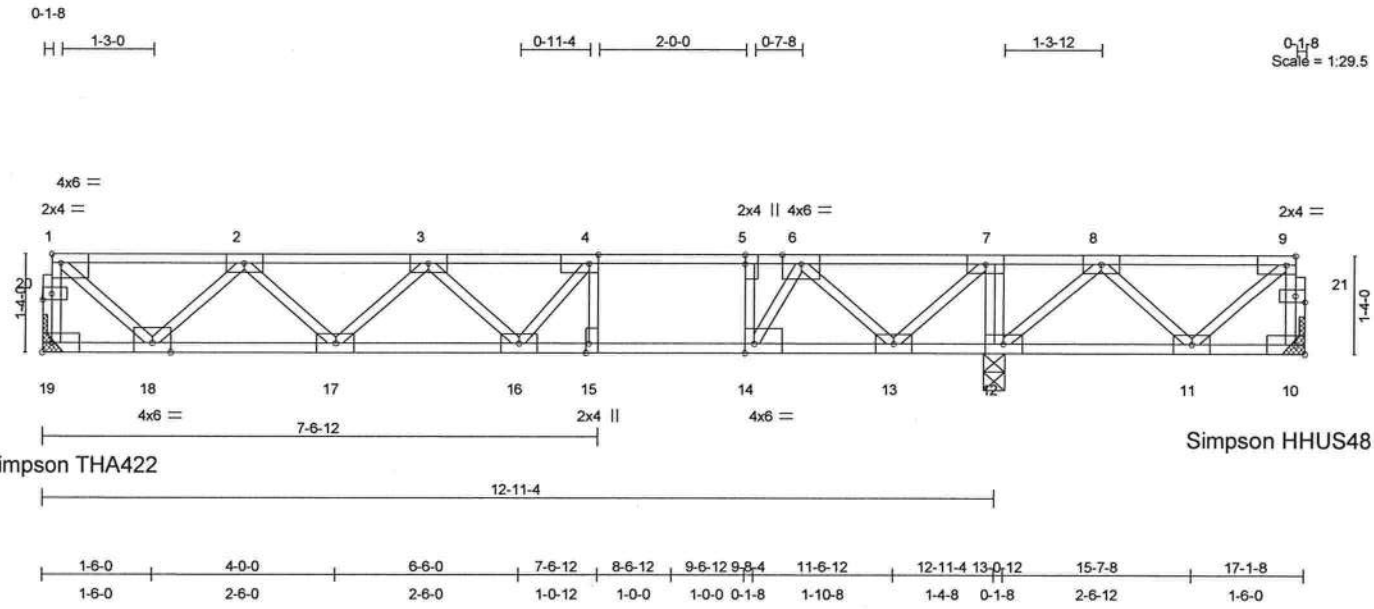

Plate Offsets (X,Y): [1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1-8,0-0-0], [9:0-1-8,Edge], [14:0-1-8,Edge], [15:0-1-8,Edge], [20:0-1-8,0-1-0], [21:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.83	Vert(LL)	-0.15	15-16	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.82	Vert(TL)	-0.24	15-16	>648	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 92 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.1D
WEBS 4 X 2 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: 12-13,11-12.

REACTIONS (lb/size) 19=690/Mechanical, 10=192/Mechanical, 12=961/0-3-8
Max Grav 19=692(load case 2), 10=260(load case 4), 12=961(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 19-20=-689/0, 1-20=-688/0, 10-21=-254/0, 9-21=-254/0, 1-2=-669/0, 2-3=-1539/0, 3-4=-1794/0, 4-5=-1613/0, 5-6=-1613/0, 6-7=-599/0, 7-8=-167/306, 8-9=-174/0
BOT CHORD 18-19=0/36, 17-18=0/1246, 16-17=0/1820, 15-16=0/1613, 14-15=0/1613, 13-14=0/1243, 12-13=-306/167, 11-12=-13/311, 10-11=0/13
WEBS 4-15=-293/0, 5-14=-479/0, 7-12=-734/0, 1-18=0/861, 2-18=-803/0, 2-17=0/408, 3-17=-390/0, 3-16=-60/96, 4-16=0/317, 7-13=0/803, 6-13=-917/0, 6-14=0/829, 9-11=0/219, 8-11=-191/27, 8-12=-382/0

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JOINT STRESS INDEX
1 = 0.49, 2 = 0.50, 3 = 0.50, 4 = 0.64, 5 = 0.47, 6 = 0.70, 7 = 0.83, 8 = 0.50, 9 = 0.64, 10 = 0.64, 11 = 0.50, 12 = 0.64, 13 = 0.83, 14 = 0.70, 15 = 0.47, 16 = 0.59, 17 = 0.50, 18 = 0.54, 19 = 0.64, 20 = 0.00, 20 = 0.47, 21 = 0.00 and 21 = 0.47

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.

Continued on page 2

February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939929
L235554F	F02	FLOOR	1	1	Job Reference (optional)

NOTES

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939930
L235554F	F02A	FLOOR	3	1	Job Reference (optional)

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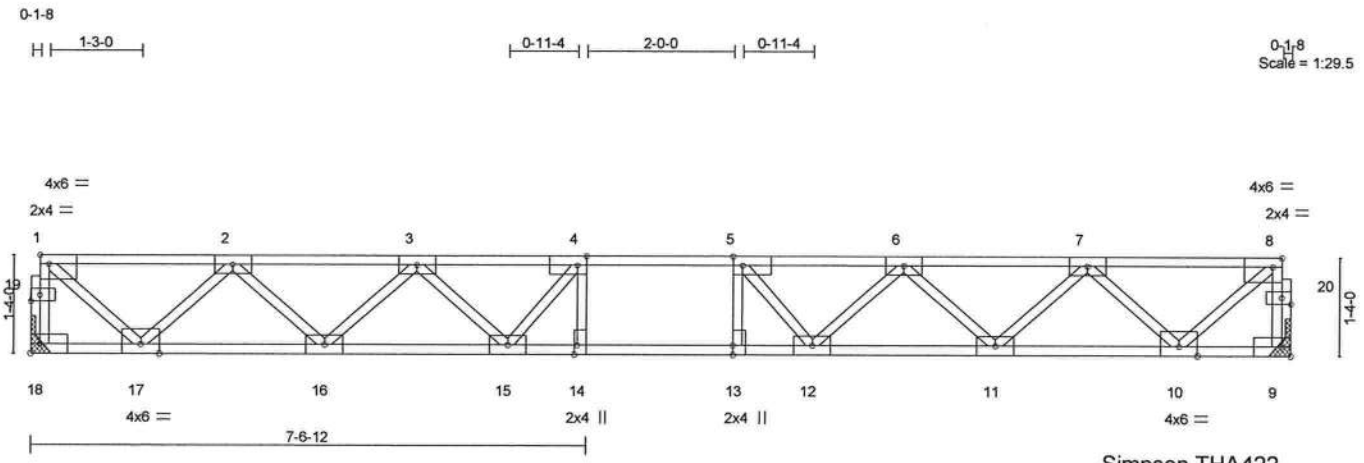

Simpson HHUS48

Simpson THA422

1-6-0	4-0-0	6-6-0	7-6-12	8-6-12	9-6-12	10-7-8	13-1-8	15-7-8	17-1-8
1-6-0	2-6-0	2-6-0	1-0-12	1-0-0	1-0-0	1-0-12	2-6-0	2-6-0	1-6-0

Plate Offsets (X,Y): [1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1-8,Edge], [8:0-1-8,Edge], [13:0-1-8,0-0-0], [14:0-1-8,Edge], [19:0-1-8,0-1-0], [20:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.42	Vert(LL)	-0.18	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.95	Vert(TL)	-0.28	13-14	>714	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 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 2-2-0 oc bracing.

REACTIONS (lb/size) 18=922/Mechanical, 9=922/Mechanical

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 18-19=-917/0, 1-19=-916/0, 9-20=-917/0, 8-20=-916/0, 1-2=-930/0, 2-3=-2271/0, 3-4=-3020/0, 4-5=-3211/0, 5-6=-3020/0, 6-7=-2271/0, 7-8=-930/0
BOT CHORD 17-18=0/47, 16-17=0/1750, 15-16=0/2764, 14-15=0/3211, 13-14=0/3211, 12-13=0/3211, 11-12=0/2764, 10-11=0/1750, 9-10=0/47
WEBS 4-14=-171/199, 5-13=-171/199, 1-17=0/1200, 2-17=-1140/0, 2-16=0/724, 3-16=-686/0, 3-15=0/463, 4-15=-536/38, 8-10=0/1200, 7-10=-1140/0, 7-11=0/724, 6-11=-686/0, 6-12=0/463, 5-12=-536/38

JOINT STRESS INDEX
1 = 0.69, 2 = 0.75, 3 = 0.50, 4 = 0.64, 5 = 0.64, 6 = 0.50, 7 = 0.75, 8 = 0.69, 9 = 0.70, 10 = 0.75, 11 = 0.75, 12 = 0.59, 13 = 0.47, 14 = 0.47, 15 = 0.59, 16 = 0.75, 17 = 0.75, 18 = 0.70, 19 = 0.00, 19 = 0.47, 20 = 0.00 and 20 = 0.47

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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February 26,2008

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LOAD CASE(S) Standard

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939931
L235554F	F03	FLOOR	5	1	Job Reference (optional)

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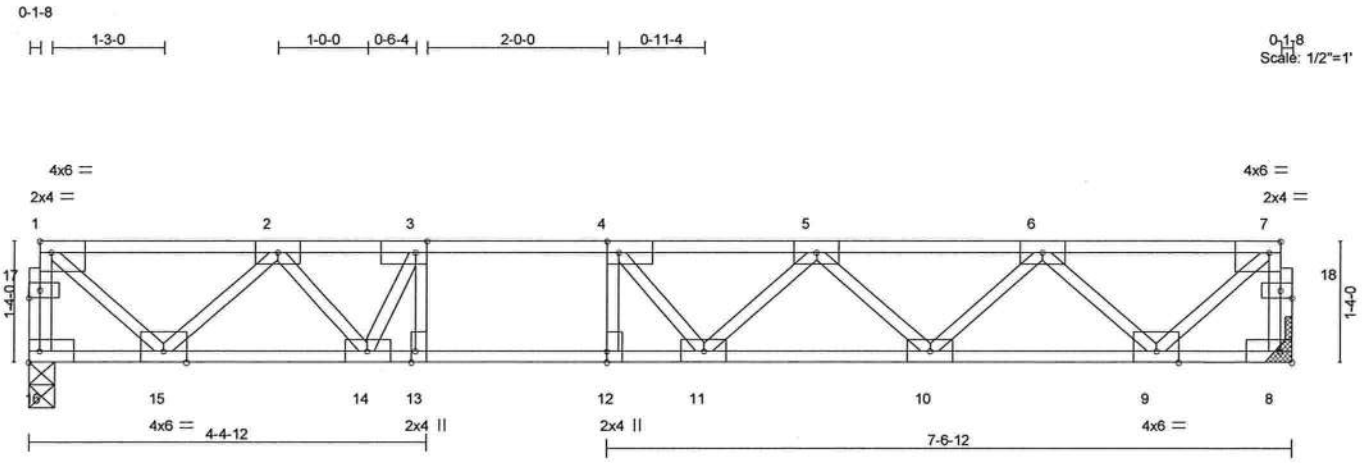

Simpson HHUS48

1-6-0	3-9-0	4-4-12	5-4-12	6-4-12	7-5-8	9-11-8	12-5-8	13-11-8
1-6-0	2-3-0	0-7-12	1-0-0	1-0-0	1-0-12	2-6-0	2-6-0	1-6-0

Plate Offsets (X,Y): [1:Edge,0-1-8], [3:0-1-8,Edge], [4:0-1-8,Edge], [7:0-1-8,Edge], [12:0-1-8,0-0-0], [13:0-1-8,Edge], [17:0-1-8,0-1-0], [18:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.59	Vert(LL)	-0.15	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.87	Vert(TL)	-0.23	11-12	>722	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.38	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 74 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.1D
WEBS 4 X 2 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) 16=748/0-3-8, 8=748/Mechanical

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 16-17=-745/0, 1-17=-744/0, 8-18=-744/0, 7-18=-743/0, 1-2=-725/0, 2-3=-1690/0, 3-4=-2001/0, 4-5=-2095/0, 5-6=-1715/0, 6-7=-732/0
BOT CHORD 15-16=0/38, 14-15=0/1348, 13-14=0/2001, 12-13=0/2001, 11-12=0/2001, 10-11=0/2046, 9-10=0/1368, 8-9=0/38
WEBS 3-13=0/467, 4-12=-306/0, 1-15=0/933, 2-15=-867/0, 2-14=0/580, 3-14=-830/0, 7-9=0/943, 6-9=-885/0, 6-10=0/482, 5-10=-461/0, 5-11=-17/219, 4-11=-159/277

JOINT STRESS INDEX
1 = 0.53, 2 = 0.70, 3 = 0.73, 4 = 0.35, 5 = 0.24, 6 = 0.50, 7 = 0.54, 8 = 0.57, 9 = 0.59, 10 = 0.50, 11 = 0.35, 12 = 0.19, 13 = 0.59, 14 = 0.73, 15 = 0.59, 16 = 0.57, 17 = 0.00, 17 = 0.00, 18 = 0.00 and 18 = 0.00

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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February 26,2008

LOAD CASE(S) Standard

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Boynton Beach, FL 33435

February 26,2008

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

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

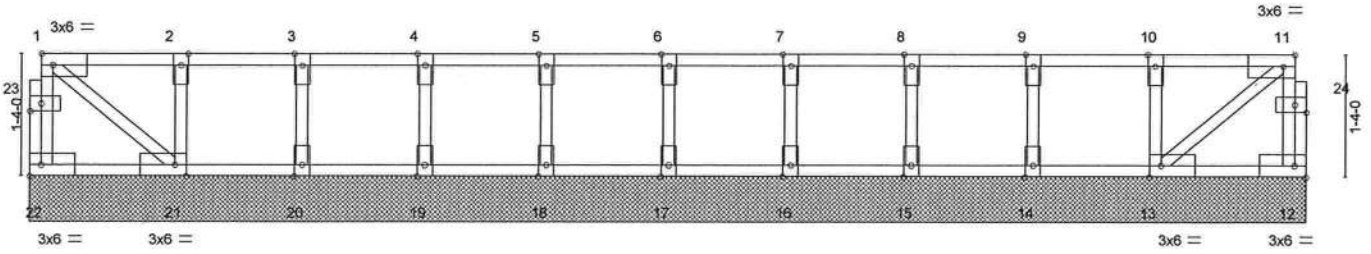
Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939932
L235554F	F03KW	GABLE	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Feb 26 14:30:28 2008 Page 1

0-1-8 0-1-8

Scale = 1:23.7



1-7-12	2-11-12	4-3-12	4-4-12	5-4-12	5-7-12	6-4-12	8-11-12	8-3-12	9-7-12	10-11-12	12-3-12	13-11-8
1-7-12	1-4-0	1-4-0	0-1-0	1-0-0	0-3-0	0-9-0	0-7-0	1-4-0	1-4-0	1-4-0	1-4-0	1-7-12

Plate Offsets (X,Y): [11:0-1-8,Edge], [13:0-1-8,Edge], [21:0-1-8,Edge], [23:0-1-8,0-1-0], [24:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	-0.00	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 67 lb	

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing , Except: 10-0-0 oc bracing: 21-22,12-13.

REACTIONS (lb/size) 22=61/13-11-8, 12=61/13-11-8, 17=147/13-11-8, 18=146/13-11-8, 19=149/13-11-8, 20=138/13-11-8, 21=180/13-11-8, 16=146/13-11-8, 15=149/13-11-8, 14=138/13-11-8, 13=180/13-11-8

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	22-23=-55/0, 1-23=-55/0, 12-24=-55/0, 11-24=-55/0, 1-2=0/2, 2-3=0/2, 3-4=0/2, 4-5=0/2, 5-6=0/2, 6-7=0/2, 7-8=0/2, 8-9=0/2, 9-10=0/2, 10-11=0/2
BOT CHORD	21-22=0/3, 20-21=-2/0, 19-20=-2/0, 18-19=-2/0, 17-18=-2/0, 16-17=-2/0, 15-16=-2/0 , 14-15=-2/0, 13-14=-2/0, 12-13=0/3
WEBS	6-17=-134/0, 5-18=-133/0, 4-19=-135/0, 3-20=-126/0, 2-21=-160/0, 7-16=-133/0, 8-15=-135/0, 9-14=-126/0, 10-13=-160/0, 1-21=-6/0, 11-13=-6/0

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JOINT STRESS INDEX

1 = 0.04, 2 = 0.10, 3 = 0.08, 4 = 0.09, 5 = 0.08, 6 = 0.08, 7 = 0.08, 8 = 0.09, 9 = 0.08, 10 = 0.10, 11 = 0.04, 12 = 0.04, 13 = 0.12, 14 = 0.08, 15 = 0.09, 16 = 0.08, 17 = 0.08, 18 = 0.08, 19 = 0.09, 20 = 0.08, 21 = 0.12, 22 = 0.04, 23 = 0.00, 23 = 0.00, 24 = 0.00 and 24 = 0.00

NOTES

1) All plates are 2x4 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939932
L235554F	F03KW	GABLE	1	1	Job Reference (optional)

NOTES

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939933
L235554F	F04	FLOOR	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Feb 26 15:16:26 2008 Page 1

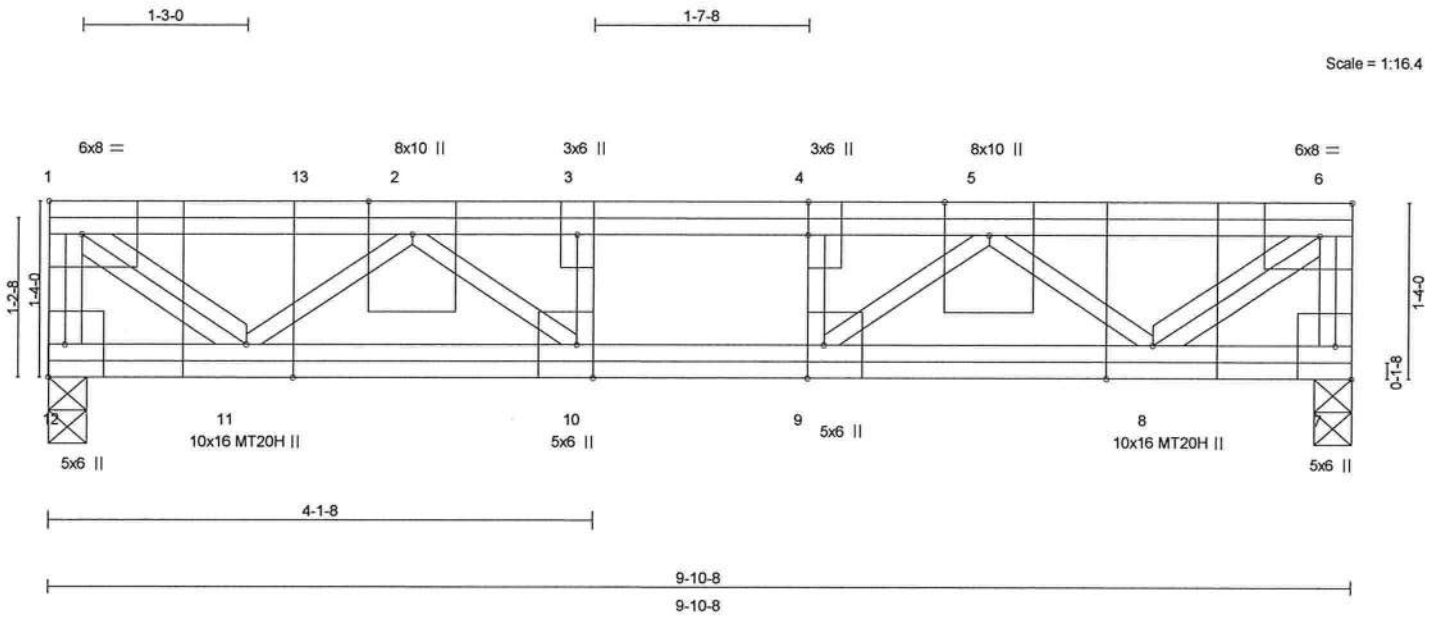

Plate Offsets (X,Y): [4:0-3-0,0-0-0], [6:0-3-0,Edge], [8:0-3-0,Edge], [9:0-3-0,Edge], [10:0-3-0,Edge], [11:0-3-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.78	Vert(LL)	-0.07	10	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.71	Vert(TL)	-0.11	10	>999	240	MT20H	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 84 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.1D
BOT CHORD 4 X 2 SYP No.2
WEBS 4 X 2 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) 12=2660/0-3-8, 7=2544/0-3-8

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-12=-2655/0, 6-7=-2538/0, 1-13=-2451/0, 2-13=-2451/0, 2-3=-5526/0, 3-4=-5526/0, 4-5=-5526/0, 5-6=-2405/0
BOT CHORD 11-12=0/0, 10-11=0/4845, 9-10=0/5526, 8-9=0/4758, 7-8=0/0
WEBS 6-8=0/3112, 1-11=0/3172, 5-8=-3056/0, 2-11=-3110/0, 5-9=0/1142, 2-10=0/1029, 3-10=-610/0, 4-9=-672/0

JOINT STRESS INDEX
1 = 0.83, 2 = 0.83, 3 = 0.29, 4 = 0.29, 5 = 0.83, 6 = 0.83, 7 = 0.69, 8 = 0.92, 9 = 0.64, 10 = 0.64, 11 = 0.92 and 12 = 0.69

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) All plates are MT20 plates unless otherwise indicated.
3) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 11 and 8.
4) Girder carries tie-in span(s): 17-1-8 from 0-0-0 to 9-10-8; 4-9-8 from 0-0-0 to 2-0-0
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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February 26,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939933
L235554F	F04	FLOOR	1	1	Job Reference (optional)

LOAD CASE(S) Standard

1) Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 7-12=-10, 1-13=-593(F=-493), 6-13=-516(F=-416)

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939934
L235554F	F05	FLOOR	1	1	Job Reference (optional)

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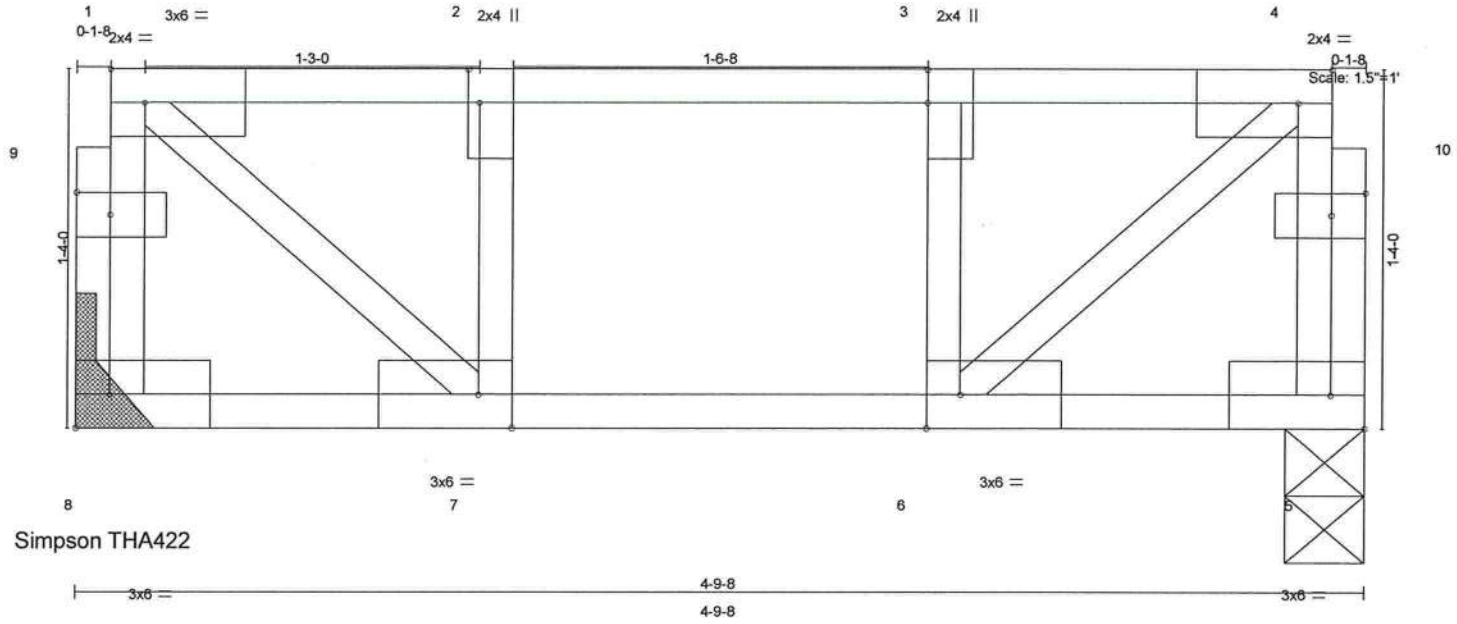

Plate Offsets (X,Y): [2:0-1-8,Edge], [3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-1-8,Edge], [7:0-1-8,Edge], [9:0-1-8,0-1-0], [10:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.11	Vert(LL)	-0.01	7	>999	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.10	Vert(TL)	-0.01	7	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 28 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 8=244/Mechanical, 5=244/0-3-8

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 8-9=-237/0, 1-9=-237/0, 5-10=-237/0, 4-10=-237/0, 1-2=-222/0, 2-3=-222/0, 3-4=-222/0
BOT CHORD 7-8=0/12, 6-7=0/222, 5-6=0/12
WEBS 4-6=0/279, 1-7=0/279, 2-7=-168/0, 3-6=-168/0

JOINT STRESS INDEX
1 = 0.29, 2 = 0.11, 3 = 0.11, 4 = 0.29, 5 = 0.18, 6 = 0.29, 7 = 0.29, 8 = 0.18, 9 = 0.00, 9 = 0.00, 10 = 0.00 and 10 = 0.00

NOTES
1) Unbalanced floor live loads have been considered for this design.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

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Truss Design Engineer
Florida PE# No. 34869
1109 Coastal Bay Blvd
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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939935
L235554F	F06KW	GABLE	1	1	Job Reference (optional)

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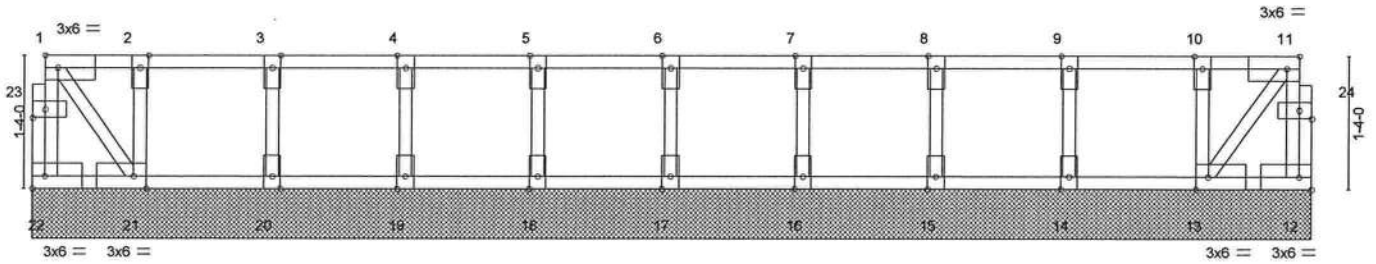
0-1-8 0-1-8

Scale = 1:21.8



1-1-0	2-5-0	3-9-0	5-1-0	6-5-0	7-9-0	9-1-0	10-5-0	11-9-0	12-10-0
1-1-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-1-0

Plate Offsets (X,Y): [11:0-1-8,Edge], [13:0-1-8,Edge], [21:0-1-8,Edge], [23:0-1-8,0-1-0], [24:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.01	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	-0.00	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 62 lb	

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing , Except: 10-0-0 oc bracing: 21-22,12-13.

REACTIONS (lb/size) 22=30/12-10-0, 12=30/12-10-0, 17=147/12-10-0, 18=147/12-10-0, 19=146/12-10-0, 20=150/12-10-0, 21=140/12-10-0, 16=147/12-10-0, 15=146/12-10-0, 14=150/12-10-0, 13=140/12-10-0

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	22-23=-27/0, 1-23=-27/0, 12-24=-27/0, 11-24=-27/0, 1-2=0/1, 2-3=0/1, 3-4=0/1, 4-5=0/1, 5-6=0/1, 6-7=0/1, 7-8=0/1, 8-9=0/1, 9-10=0/1, 10-11=0/1
BOT CHORD	21-22=0/1, 20-21=-1/0, 19-20=-1/0, 18-19=-1/0, 17-18=-1/0, 16-17=-1/0, 15-16=-1/0 , 14-15=-1/0, 13-14=-1/0, 12-13=0/1
WEBS	6-17=-133/0, 5-18=-134/0, 4-19=-133/0, 3-20=-136/0, 2-21=-123/0, 7-16=-134/0, 8-15=-133/0, 9-14=-136/0, 10-13=-123/0, 1-21=-5/0, 11-13=-5/0

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JOINT STRESS INDEX

1 = 0.02, 2 = 0.08, 3 = 0.09, 4 = 0.08, 5 = 0.08, 6 = 0.08, 7 = 0.08, 8 = 0.08, 9 = 0.09, 10 = 0.08, 11 = 0.02, 12 = 0.02, 13 = 0.09, 14 = 0.09, 15 = 0.08, 16 = 0.08, 17 = 0.08, 18 = 0.08, 19 = 0.08, 20 = 0.09, 21 = 0.09, 22 = 0.02, 23 = 0.00, 23 = 0.00, 24 = 0.00 and 24 = 0.00

NOTES

1) All plates are 2x4 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.

Continued on page 2

February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939935
L235554F	F06KW	GABLE	1	1	Job Reference (optional)

NOTES

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

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February 26,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939936
L235554F	F08	FLOOR	3	1	Job Reference (optional)

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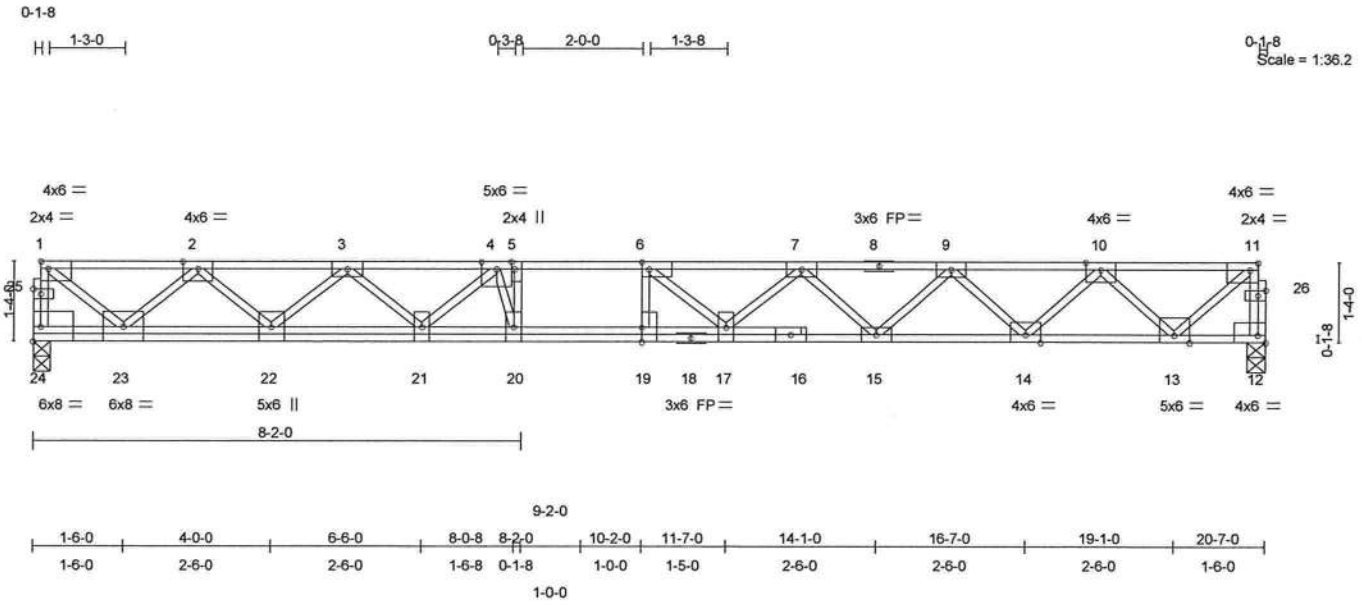

Plate Offsets (X,Y): [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,Edge], [11:0-1-8,Edge], [12:Edge,0-1-8], [19:0-3-0,Edge], [25:0-1-8,0-1-0], [26:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.81	Vert(LL)	-0.36	17-19	>674	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.00	BC	0.92	Vert(TL)	-0.56	17-19	>432	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.61	Horz(TL)	0.07	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 123 lb	

LUMBER
TOP CHORD 4 X 2 SYP No.2
BOT CHORD 4 X 2 SYP No.2 *Except* 12-18 4 X 2 SYP No.1D
WEBS 4 X 2 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-8-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 15-17.

REACTIONS (lb/size) 24=1112/0-3-8, 12=1112/0-3-8

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 24-25=-1104/0, 1-25=-1102/0, 12-26=-1104/0, 11-26=-1103/0, 1-2=-1204/0, 2-3=-3039/0, 3-4=-4209/0, 4-5=-4872/0, 5-6=-4872/0, 6-7=-4771/0, 7-8=-3991/0, 8-9=-3991/0, 9-10=-2886/0, 10-11=-1143/0
BOT CHORD 23-24=0/60, 22-23=0/2277, 21-22=0/3758, 20-21=0/4730, 19-20=0/4872, 18-19=0/4872, 17-18=0/4872, 16-17=0/4523, 15-16=0/4523, 14-15=0/3558, 13-14=0/2164, 12-13=0/57
WEBS 5-20=-577/38, 6-19=-258/161, 1-23=0/1518, 2-23=-1456/0, 2-22=0/1034, 3-22=-975/0, 3-21=0/612, 4-21=-793/0, 4-20=-124/937, 11-13=0/1476, 10-13=-1420/0, 10-14=0/1004, 9-14=-934/0, 9-15=0/604, 7-15=-740/0, 7-17=0/465, 6-17=-519/223

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JOINT STRESS INDEX
1 = 0.80, 2 = 0.64, 3 = 0.58, 4 = 0.68, 5 = 0.47, 6 = 0.64, 7 = 0.50, 8 = 0.50, 9 = 0.63, 10 = 0.63, 11 = 0.85, 12 = 0.50, 13 = 0.81, 14 = 0.63, 15 = 0.63, 16 = 0.00, 16 = 0.76, 17 = 0.65, 18 = 0.82, 19 = 0.32, 20 = 0.71, 21 = 0.84, 22 = 0.76, 23 = 0.70, 24 = 0.42, 25 = 0.00, 25 = 0.47, 26 = 0.00 and 26 = 0.47

February 26,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB EAGLE / LOT 115 / FLOOR J1939936
L235554F	F08	FLOOR	3	1	Job Reference (optional)

NOTES

1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 18 and 8.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-16d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

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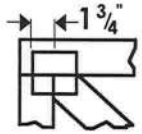
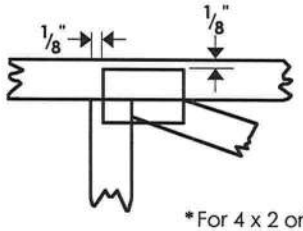
February 26,2008

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

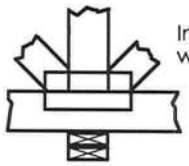
4 x 4

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

LATERAL BRACING

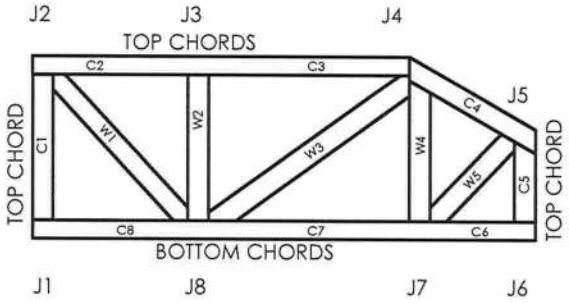
Indicates location of required continuous lateral bracing.

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"	6' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 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' 6"	9' 11"	12' 6"	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

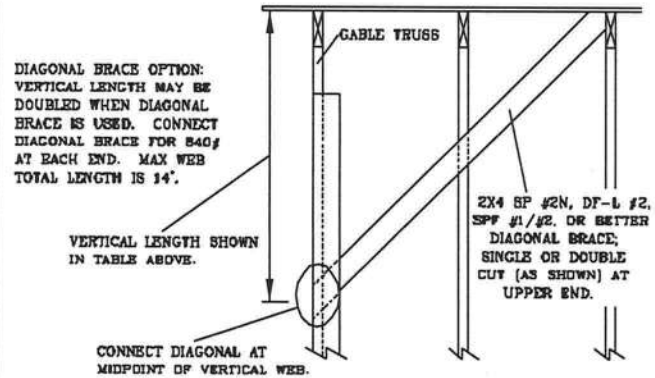
SOUTHERN PINE: #3, STUD, STANDARD

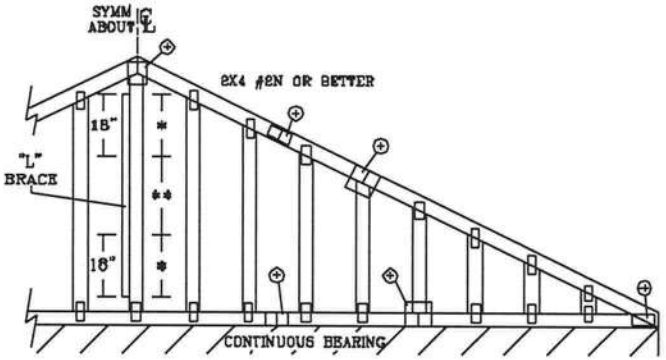
GROUP B:

HEM-FIR: #1 & BTR, #1

SOUTHERN PINE: #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 136 PLF OVER CONTINUOUS BEARING (6 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

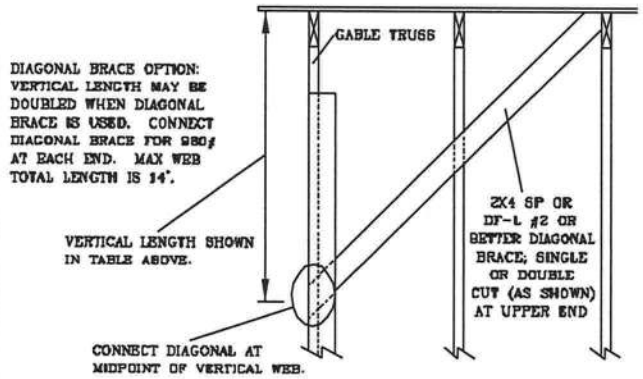
MAX. SPACING 24.0"

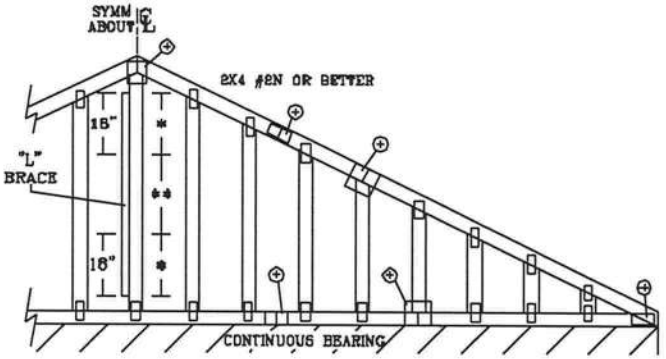
REF ASCE7-02-GAB13015
DATE 11/26/03
DRWG MITEK STD GABLE 15 E HT
-ENG

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 *		(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' 2"	5' 6"	6' 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"	6' 0"	5' 0"	6' 9"	6' 9"	7' 10"	7' 10"	10' 7"	10' 7"
	SP DFL	#1	3' 6"	5' 8"	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' 8"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 8"
		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' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3	3' 9"	5' 7"	6' 7"	7' 4"	7' 4"	8' 11"	9' 6"	11' 5"	11' 6"	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"





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

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

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.

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DELRAY BEACH, FL. 33444-2161

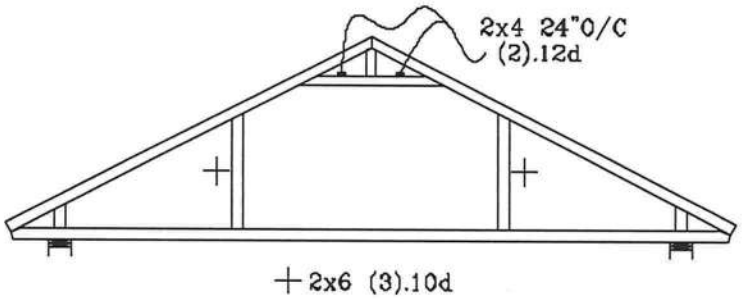
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

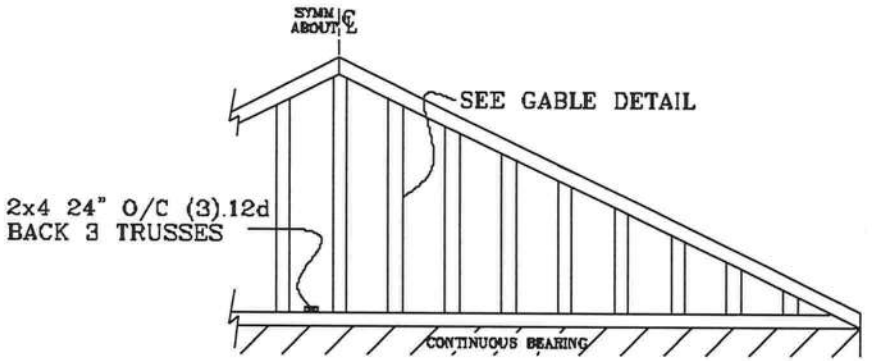
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 90' E W7
-ENG

TYPICAL ATTIC TRUSS BRACING

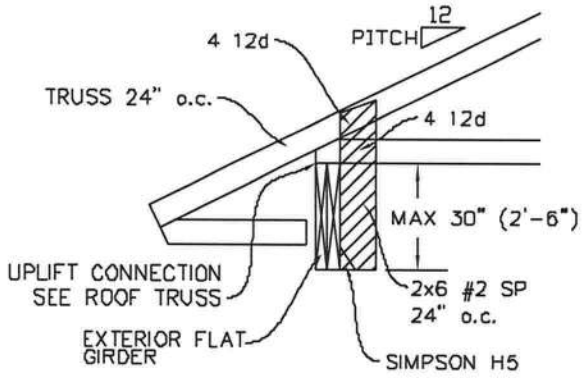


GABLE END TRUSS DETAIL

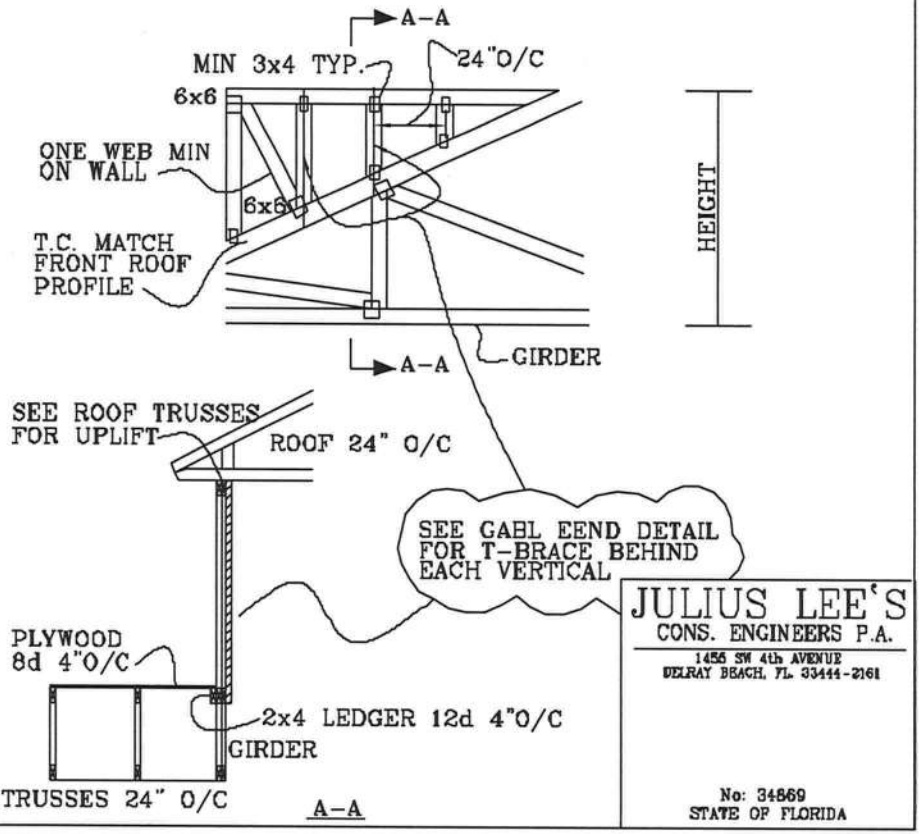


MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



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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.

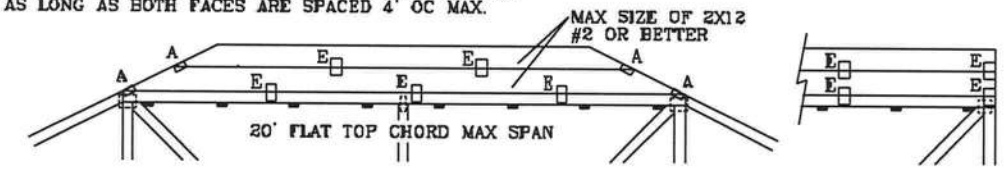
ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

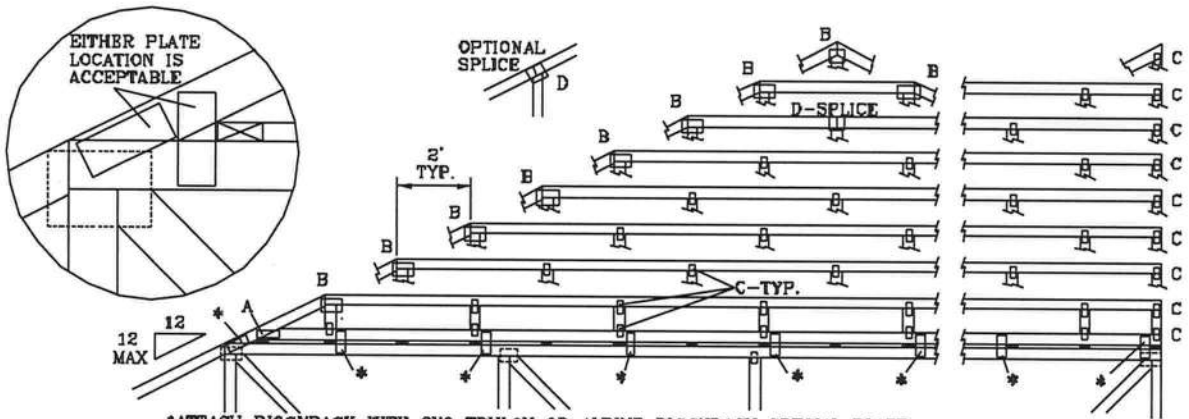
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

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.





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

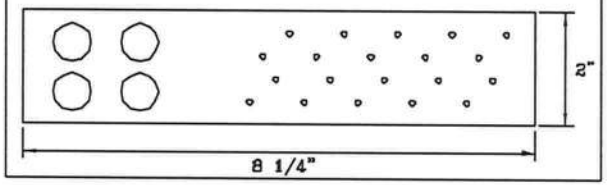
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X8 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

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

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JULIUS LEE'S
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1400 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".

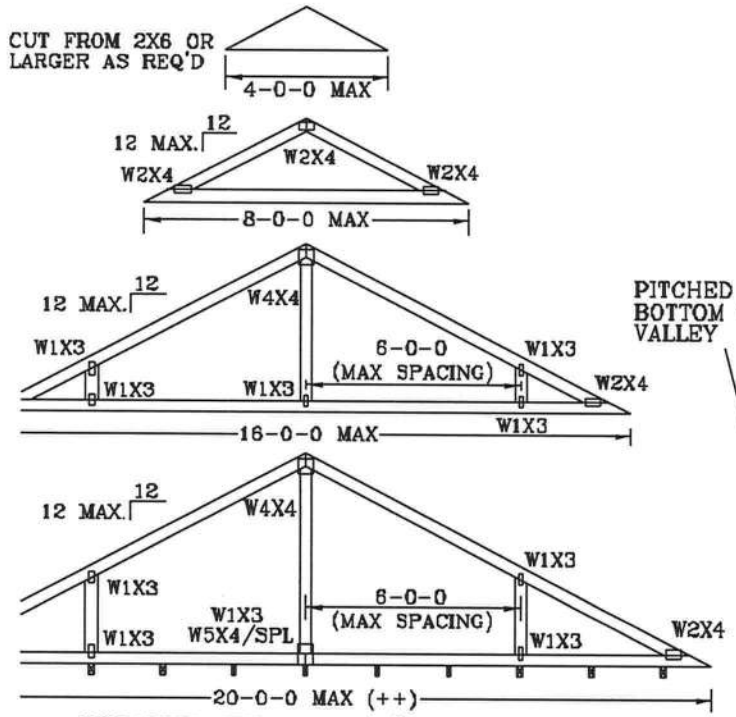
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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.

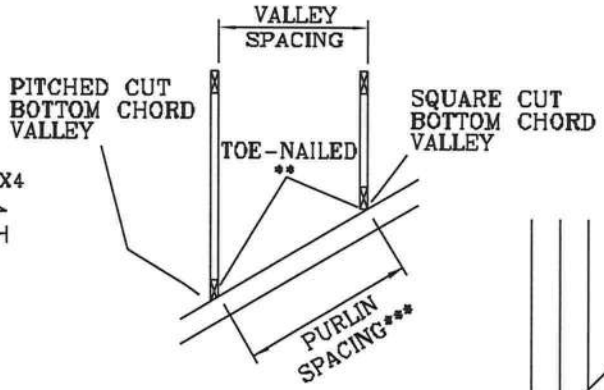
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

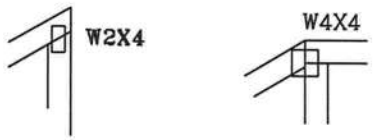
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

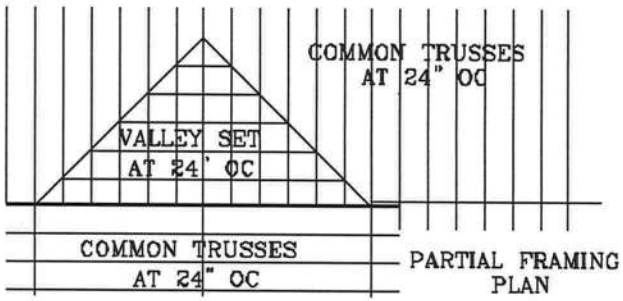
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

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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."

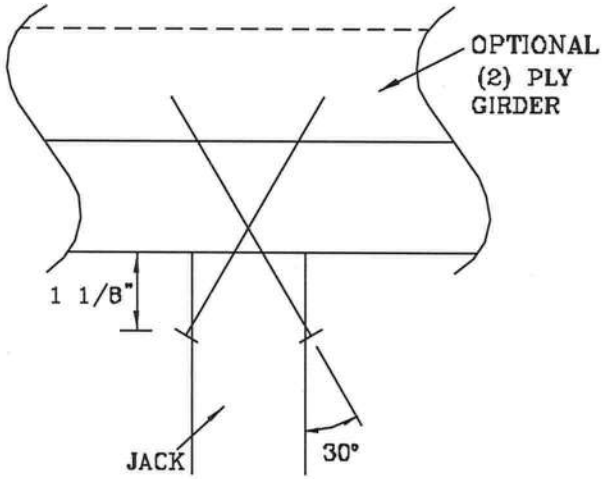
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

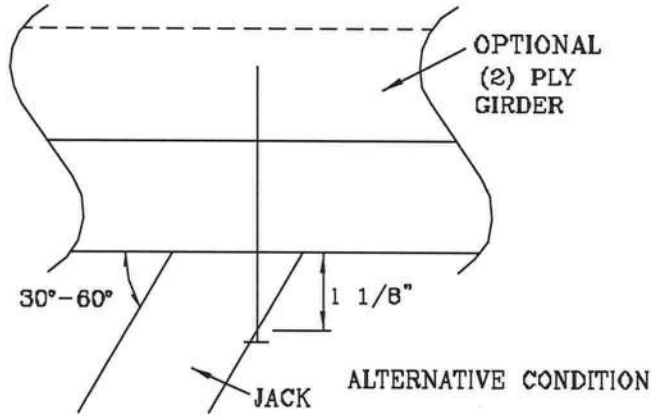
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

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

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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			

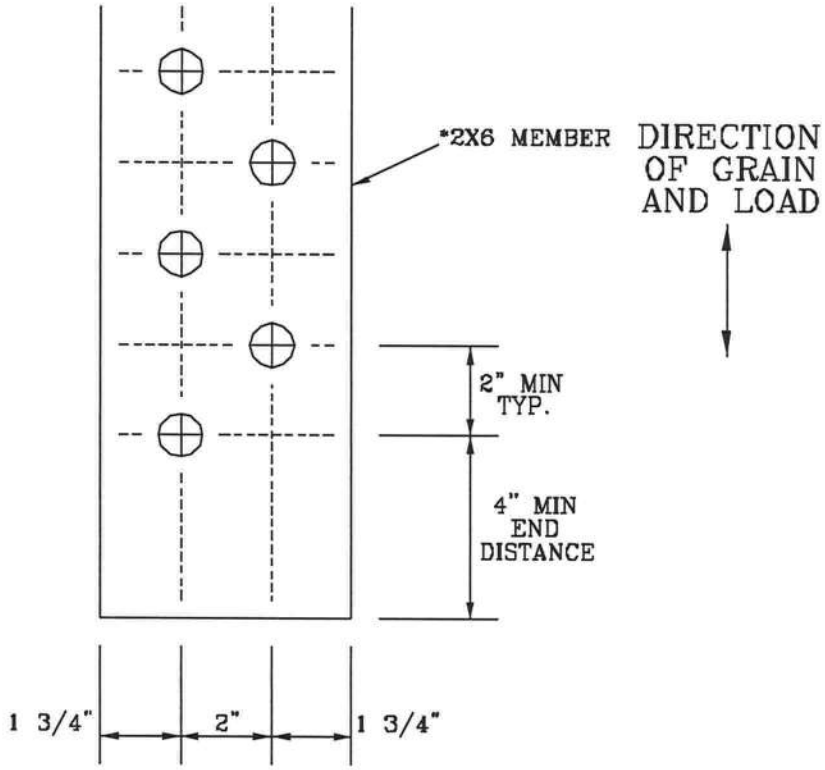
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

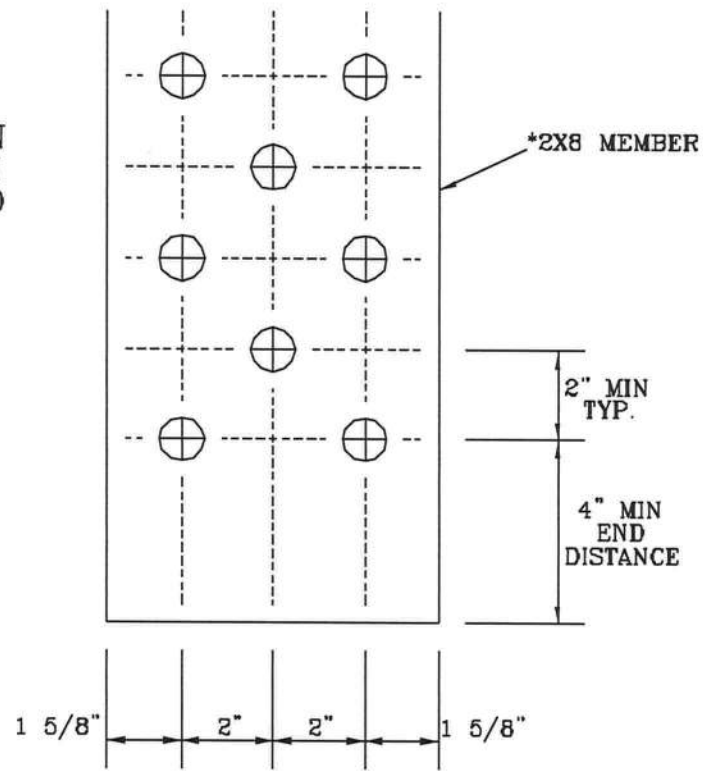
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

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.

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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

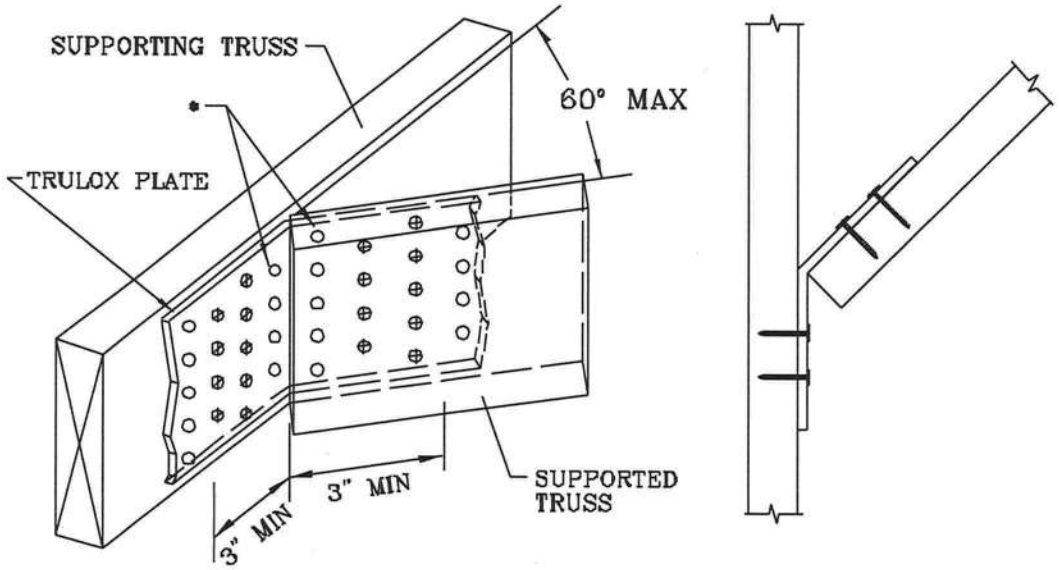
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* 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.

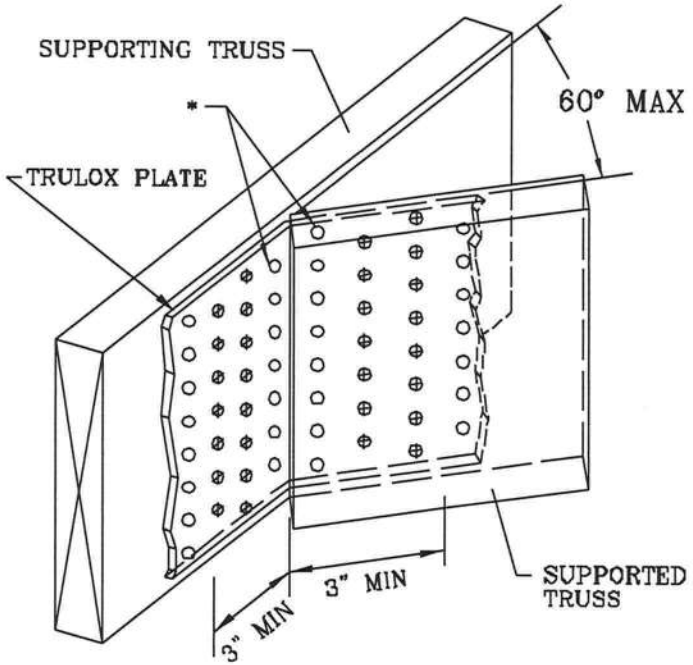
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

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

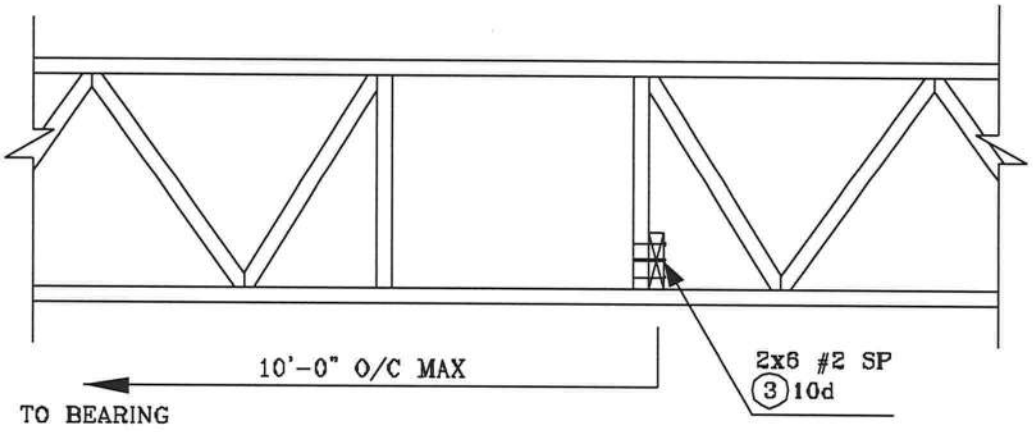
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 33444-2361

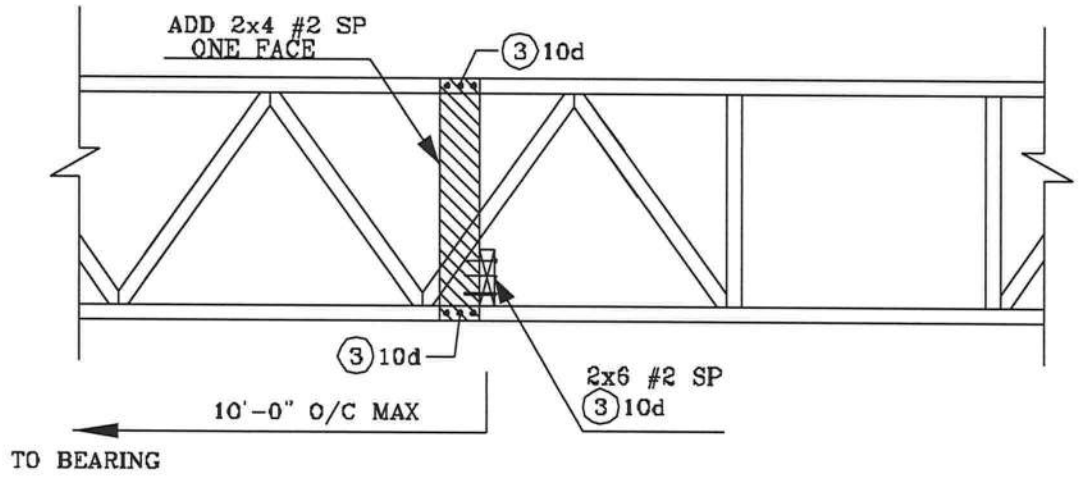
No: 34869
STATE OF FLORIDA

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
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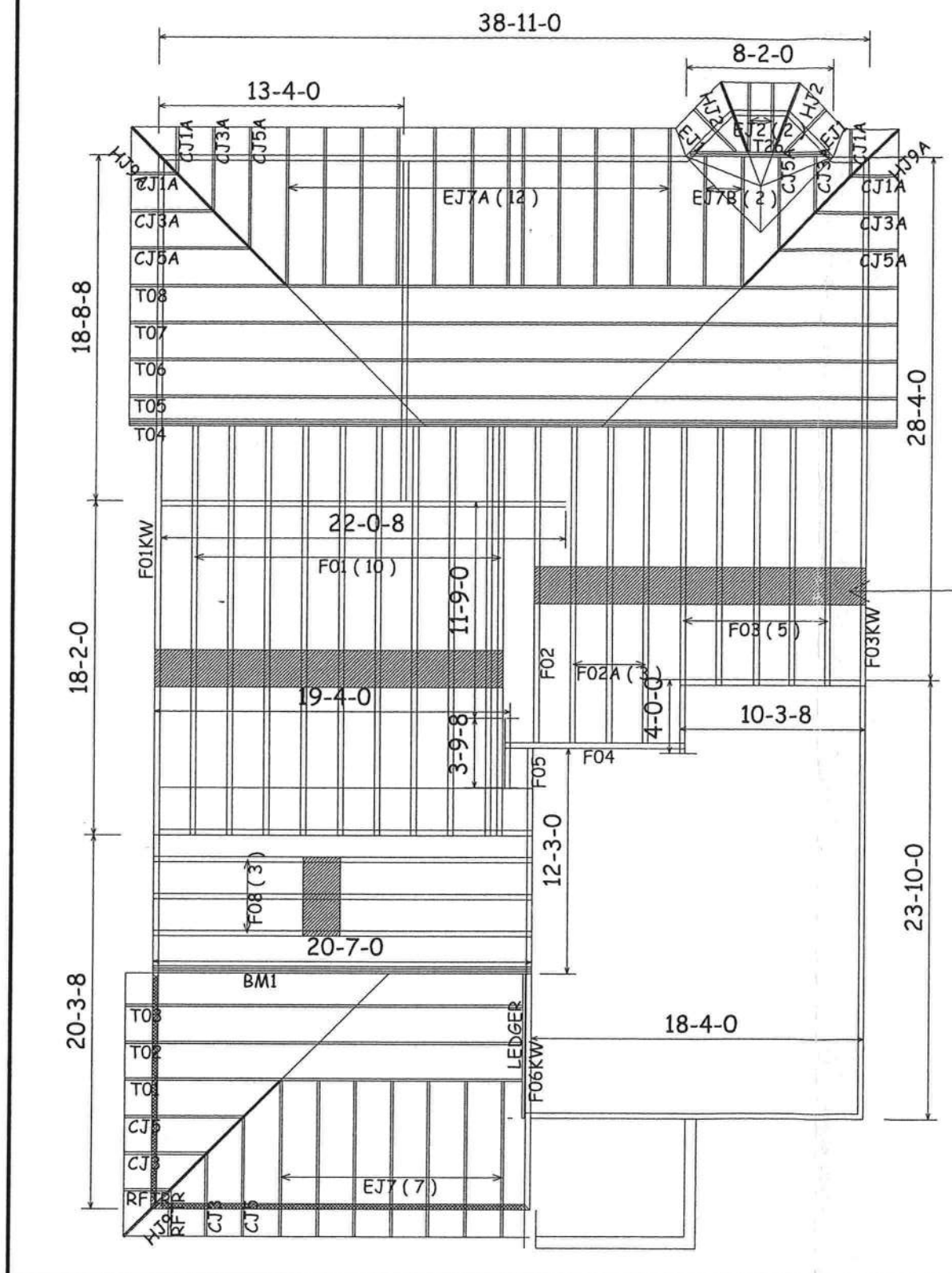
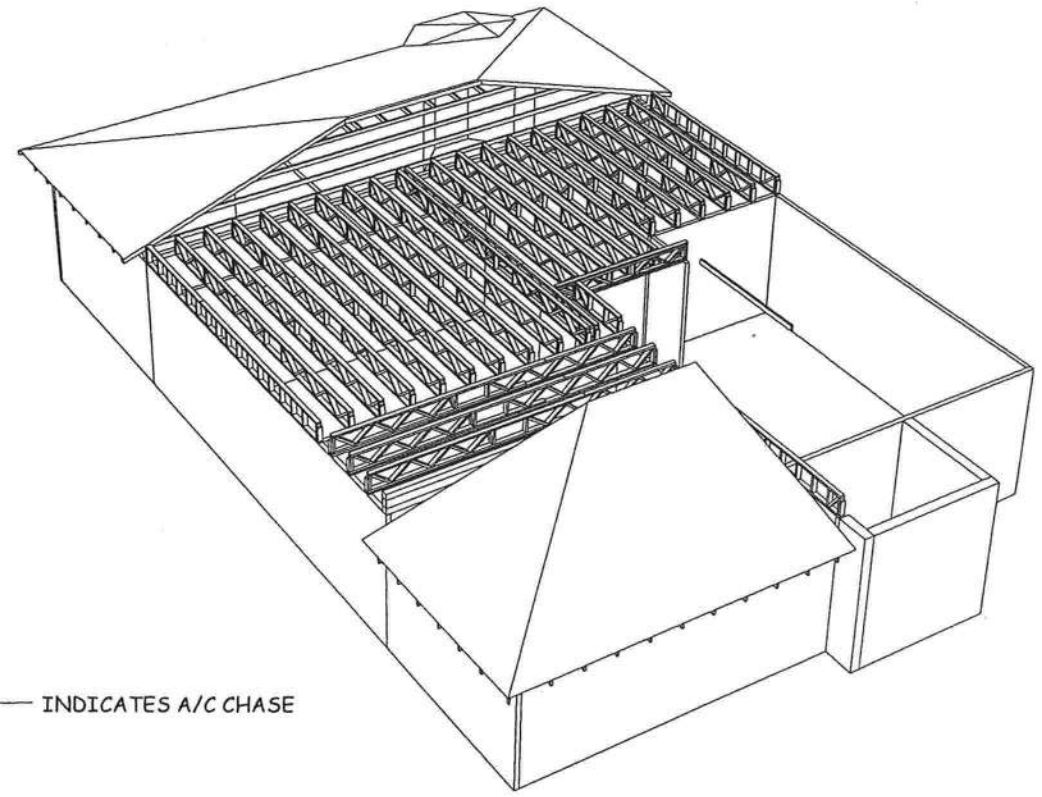
1456 SW 4th AVENUE
DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA





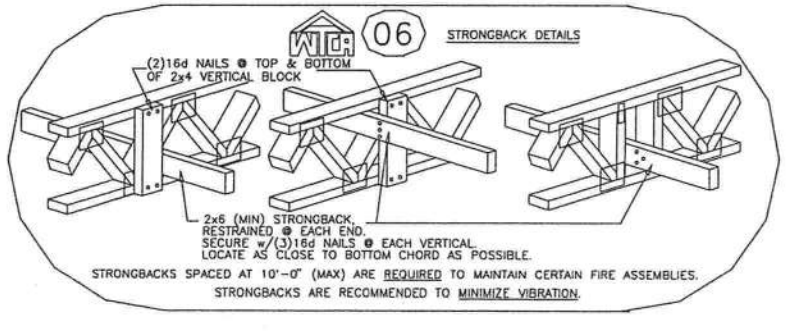
TRUSS INFORMATION:

FLOOR DEPTH: 16"

FLOOR SPACING: 24" O/C (U.N.O)

HANGER LIST:
5 - THA422
21 - HHUS48 (CONNECTS FLOOR TRUSSES TO ROOF GIRDER)

NOTE: CHASE INDICATED ON PLAN
SEE FLOOR ENGINEERING FOR STRONG BACK INFO.



BEARING HEIGHT SCHEDULE

9' 0"
1ST FLOOR WALL HEIGHT

8' 0"
1ST FLOOR WALL HEIGHT @ GARAGE

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 Y10S 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) SY42 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 (HDR) 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: 904-755-6894 FAX: 904-755-7973
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: LIPSCOMB EAGLE

LEGAL ADDRESS: COLUMBIA CTY., FL

LOT#: PRESERVE @ LAUREL LAKE LOT #112

REVISION: 07/26/08

SCALE: NTS

DATE: 4/17/07

DRAWN BY: JP

JOB #: L235554F

PRODUCT APPROVAL SPECIFICATION SHEET

Location: **Project Name:**

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	MASONITE	FIBERGLASS SIDE-HINGED DOOR	5507
2. Sliding			
3. Sectional	CLOPAY GARAGE DOORS	18'x7' GARAGE DOOR	3792
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	CAPITAL	SINGLE HUNG WINDOWS	6751
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	TAMKO	3TAB ASPHALT SHINGLES	1956
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Builders FirstSource

Project Information for: **L235554**

Builder:	Lipscomb and Eagle Development Inc.
Lot :	43-i
Subdivision:	Preserve at Laurel Lake
County:	Columbia
Truss Count:	48
Design Program:	MiTek 20/20 6.3

Truss Design Load Information:

Gravity:	**Wind:**	**Building Code:** FBC2004/TPI2002
Roof (psf):42.0	Wind Standard:ASCE 7-02	
Floor (psf):N/A	Wind Speed (mph):110	

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

Engineer of Record: James M. Lipscomb Florida P.E. License No.:CBC1253543
Address: 255 Southwest Woods Terrace Lake City, Florida 32025

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

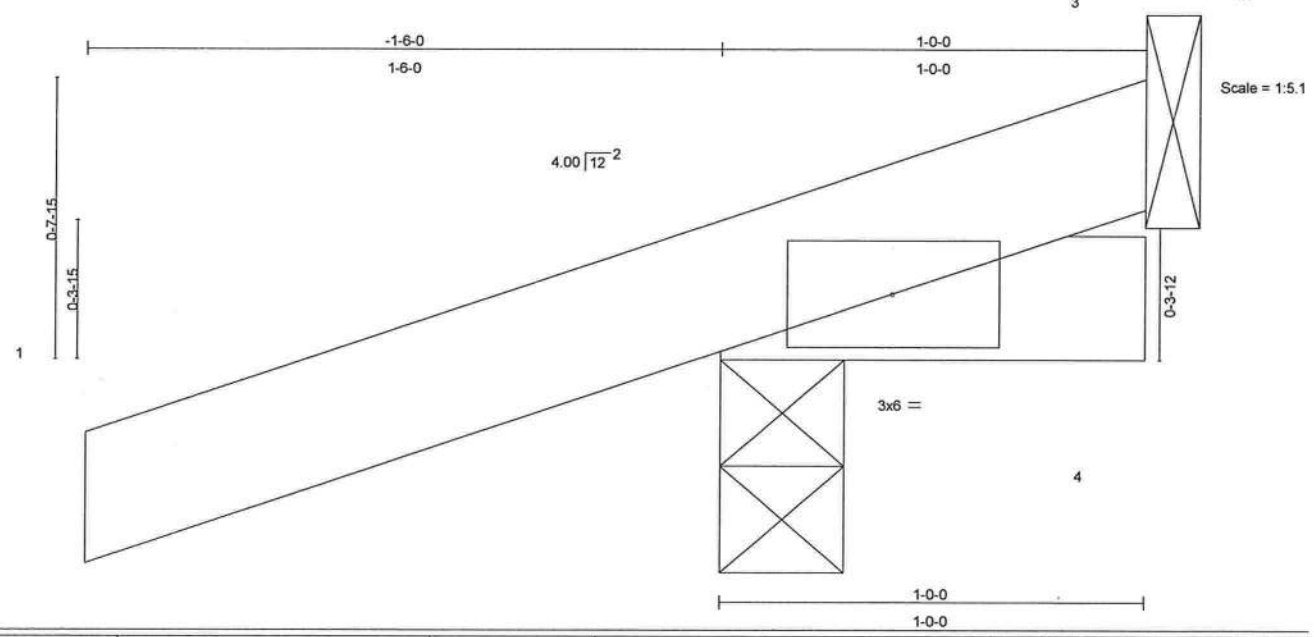
Notes:

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

#	Truss ID	Dwg. #	Seal Date
1	CJ1A	J1917122	12/12/07
2	CJ1B	J1917123	12/12/07
3	CJ3	J1917124	12/12/07
4	CJ3A	J1917125	12/12/07
5	CJ3B	J1917126	12/12/07
6	CJ5	J1917127	12/12/07
7	CJ5A	J1917128	12/12/07
8	CJ5B	J1917129	12/12/07
9	EJ1	J1917130	12/12/07
10	EJ1A	J1917131	12/12/07
11	EJ2	J1917132	12/12/07
12	EJ3	J1917133	12/12/07
13	EJ7	J1917134	12/12/07
14	EJ7A	J1917135	12/12/07
15	EJ7B	J1917136	12/12/07
16	EJ7C	J1917137	12/12/07
17	HJ2	J1917138	12/12/07
18	HJ2A	J1917139	12/12/07
19	HJ4	J1917140	12/12/07
20	HJ9	J1917141	12/12/07
21	HJ9A	J1917142	12/12/07
22	HJ9B	J1917143	12/12/07
23	T01	J1917144	12/12/07
24	T02	J1917145	12/12/07
25	T03	J1917146	12/12/07
26	T04	J1917147	12/12/07
27	T05	J1917148	12/12/07
28	T06	J1917149	12/12/07
29	T07	J1917150	12/12/07
30	T08	J1917151	12/12/07
31	T09	J1917152	12/12/07
32	T10	J1917153	12/12/07
33	T11	J1917154	12/12/07
34	T12	J1917155	12/12/07
35	T13	J1917156	12/12/07
36	T14	J1917157	12/12/07
37	T15	J1917158	12/12/07
38	T16	J1917159	12/12/07
39	T17	J1917160	12/12/07
40	T18	J1917161	12/12/07
41	T19	J1917162	12/12/07
42	T20	J1917163	12/12/07
43	T21	J1917164	12/12/07
44	T22	J1917165	12/12/07
45	T23	J1917166	12/12/07
46	T24	J1917167	12/12/07
47	T25	J1917168	12/12/07
48	T26	J1917169	12/12/07

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917122
L235554	CJ1A	JACK	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:44 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.14	Vert(LL)	-0.01	4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	0.00	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: 6 lb	

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

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

REACTIONS (lb/size) 2=179/0-3-8, 3=-35/Mechanical
Max Horz 2=47(load case 4)
Max Uplift 2=-174(load case 4), 3=-35(load case 1)
Max Grav 2=179(load case 1), 3=58(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-30/23
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 174 lb uplift at joint 2 and 35 lb uplift at joint 3.

Continued on page 2

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

December 12,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917122
L235554	CJ1A	JACK	4	1	Job Reference (optional)

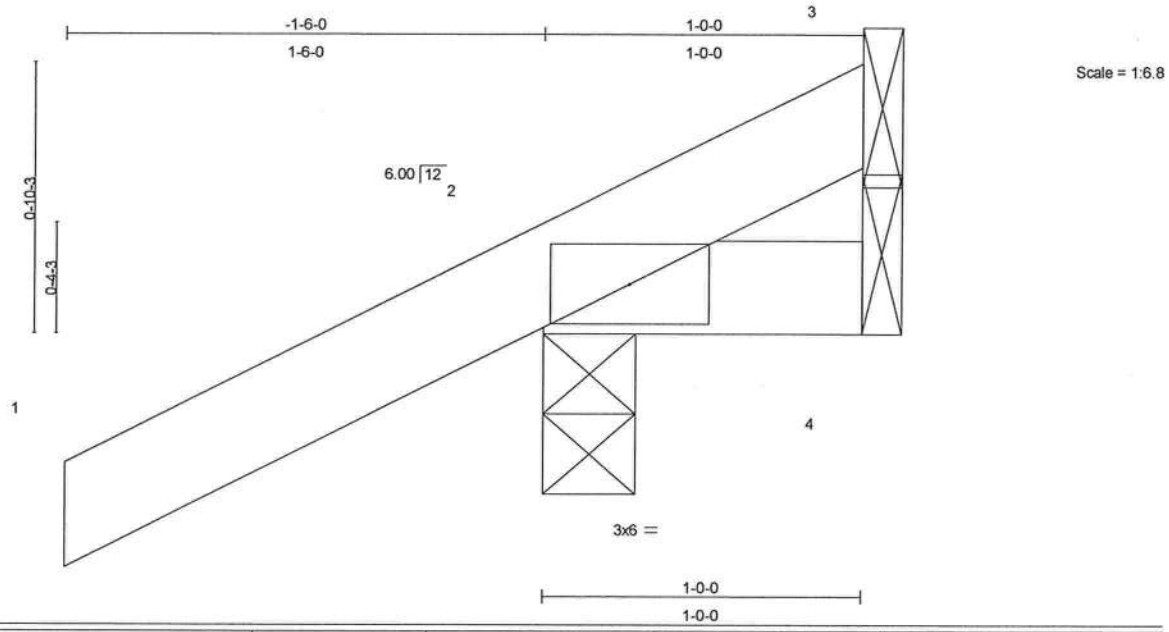
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE# No. 34183
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917123
L235554	CJ1B	JACK	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 16:58:20 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 6 lb	

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

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

REACTIONS (lb/size) 2=179/0-3-8, 4=5/Mechanical, 3=-40/Mechanical
Max Horz 2=70(load case 6)
Max Uplift 2=-192(load case 6), 4=-9(load case 4), 3=-40(load case 1)
Max Grav 2=179(load case 1), 4=14(load case 2), 3=61(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-45/34
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 192 lb uplift at joint 2, 9 lb uplift at joint 4 and 40 lb uplift at joint 3.

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

LOAD CASE(S) Standard

December 12,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917124
L235554	CJ3	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:45 2007 Page 1

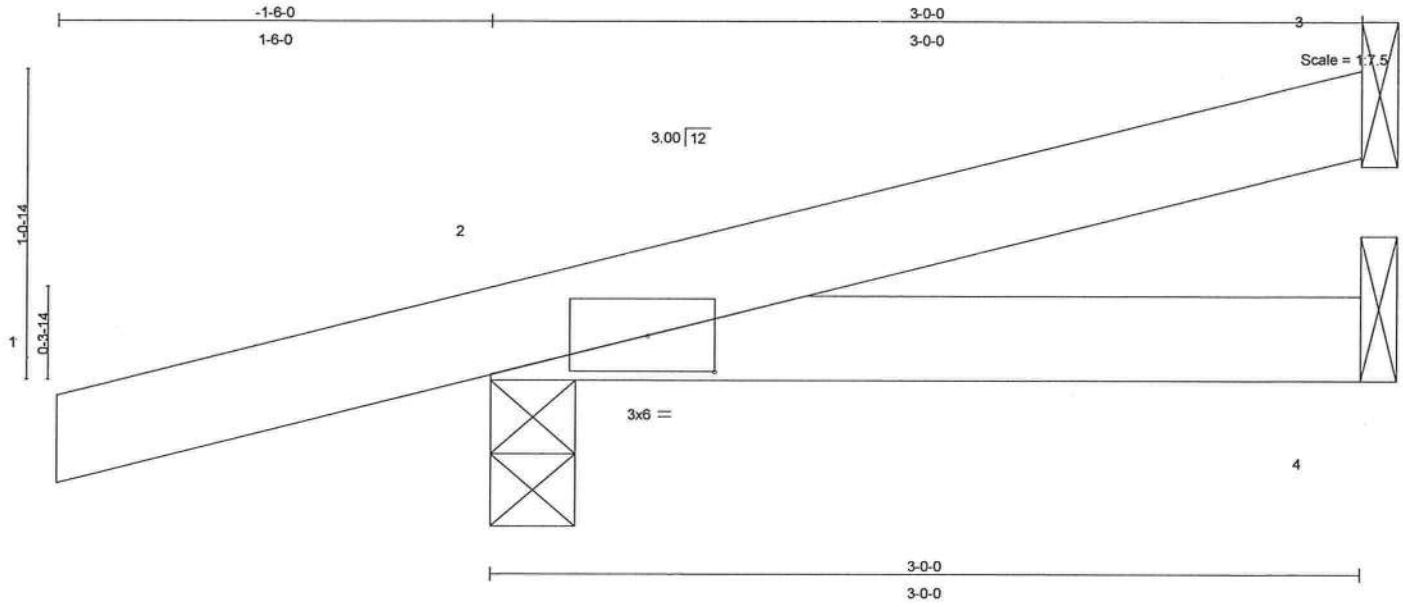


Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	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: 11 lb	

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

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

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-3-8, 4=14/Mechanical
Max Horz 2=58(load case 4)
Max Uplift 3=-29(load case 4), 2=-161(load case 4)
Max Grav 3=49(load case 1), 2=204(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-27/9
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

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

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December 12,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917124
L235554	CJ3	JACK	2	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 3 and 161 lb uplift at joint 2.

LOAD CASE(S) Standard

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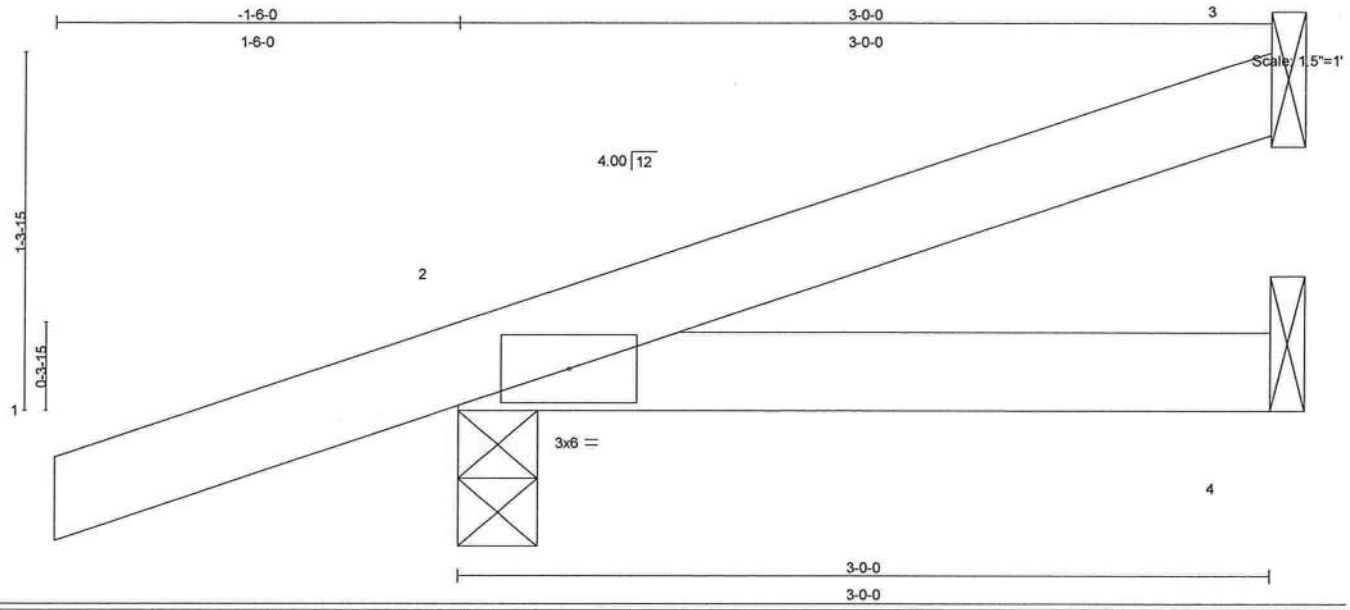
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917125
L235554	CJ3A	JACK	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:45 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	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: 12 lb	

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

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

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-3-8, 4=14/Mechanical
Max Horz 2=77(load case 4)
Max Uplift 3=-31(load case 4), 2=-158(load case 4)
Max Grav 3=49(load case 1), 2=204(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-34/12
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 31 lb uplift at joint 3 and 158 lb uplift at joint 2.

Continued on page 2

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917125
L235554	CJ3A	JACK	4	1	Job Reference (optional)

LOAD CASE(S) Standard

Julius Lee
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Florida PE No. 34869
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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917126
L235554	CJ3B	JACK	6	1	Job Reference (optional)

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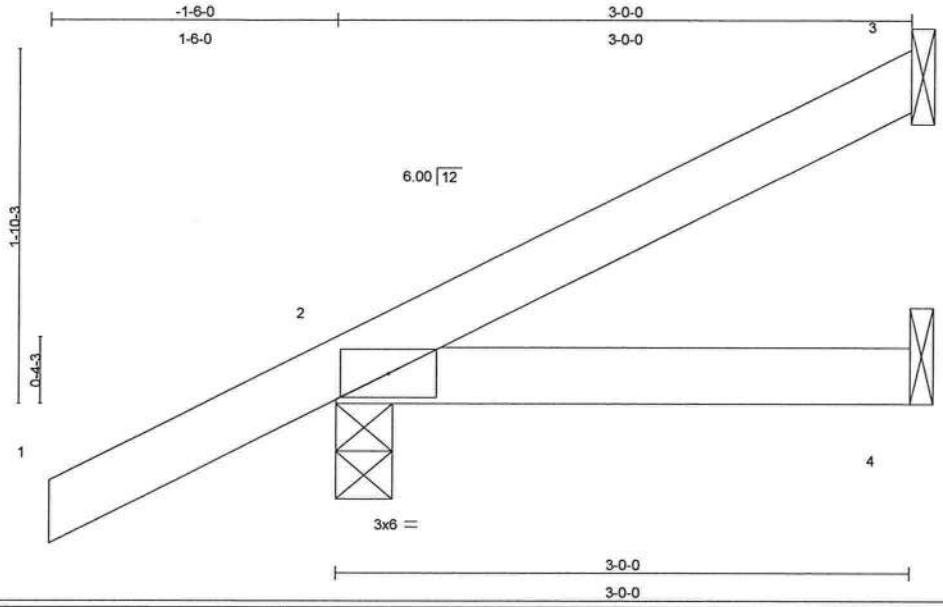

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.06	Vert(TL)	-0.01	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 12 lb	

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

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

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-3-8, 4=14/Mechanical
Max Horz 2=115(load case 6)
Max Uplift 3=-38(load case 6), 2=-151(load case 6)
Max Grav 3=49(load case 1), 2=204(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-48/16
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 38 lb uplift at joint 3 and 151 lb uplift at joint 2.

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December 12,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917126
L235554	CJ3B	JACK	6	1	Job Reference (optional)

LOAD CASE(S) Standard

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917127
L235554	CJ5	JACK	2	1	Job Reference (optional)

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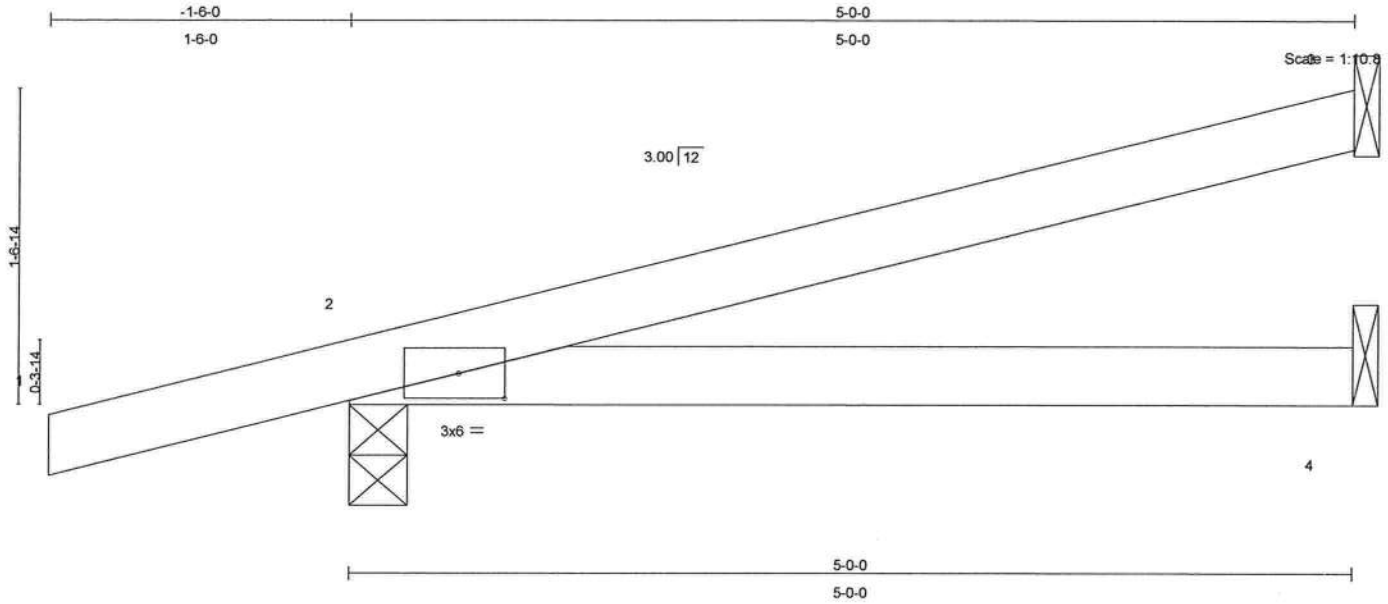

Plate Offsets (X,Y): [2:0-2-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 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=114/Mechanical, 2=257/0-3-8, 4=24/Mechanical
Max Horz 2=81(load case 4)
Max Uplift 3=-81(load case 4), 2=-177(load case 4)
Max Grav 3=114(load case 1), 2=257(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-45/22
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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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December 12,2007

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917127
L235554	CJ5	JACK	2	1	Job Reference (optional)

NOTES

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 3 and 177 lb uplift at joint 2.

LOAD CASE(S) Standard

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917128
L235554	CJ5A	JACK	4	1	Job Reference (optional)

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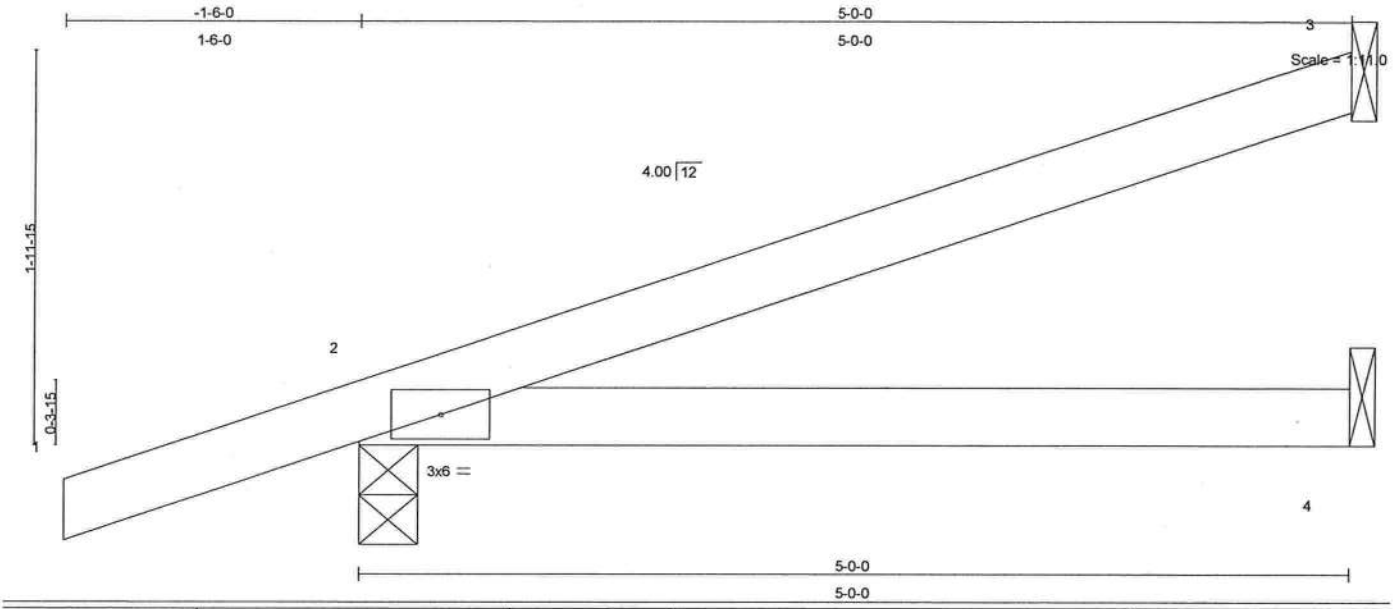

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.22	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 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=114/Mechanical, 2=257/0-3-8, 4=24/Mechanical
Max Horz 2=108(load case 4)
Max Uplift 3=-86(load case 4), 2=-172(load case 4)
Max Grav 3=114(load case 1), 2=257(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-61/29
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 3 and 172 lb uplift at joint 2.

Continued on page 2

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917128
L235554	CJ5A	JACK	4	1	Job Reference (optional)

LOAD CASE(S) Standard

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917129
L235554	CJ5B	JACK	6	1	Job Reference (optional)

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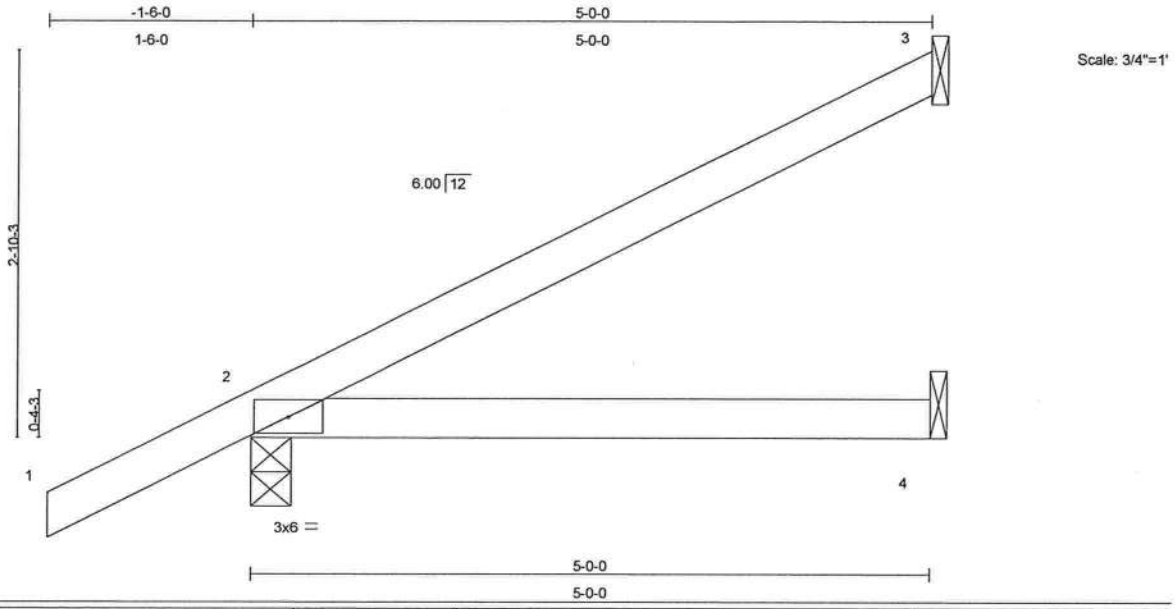

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.25	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	-0.05	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 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=114/Mechanical, 2=257/0-3-8, 4=24/Mechanical
Max Horz 2=162(load case 6)
Max Uplift 3=-101(load case 6), 2=-157(load case 6)
Max Grav 3=114(load case 1), 2=257(load case 1), 4=72(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-96/41
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; 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 101 lb uplift at joint 3 and 157 lb uplift at joint 2.

Continued on page 2

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917129
L235554	CJ5B	JACK	6	1	Job Reference (optional)

LOAD CASE(S) Standard

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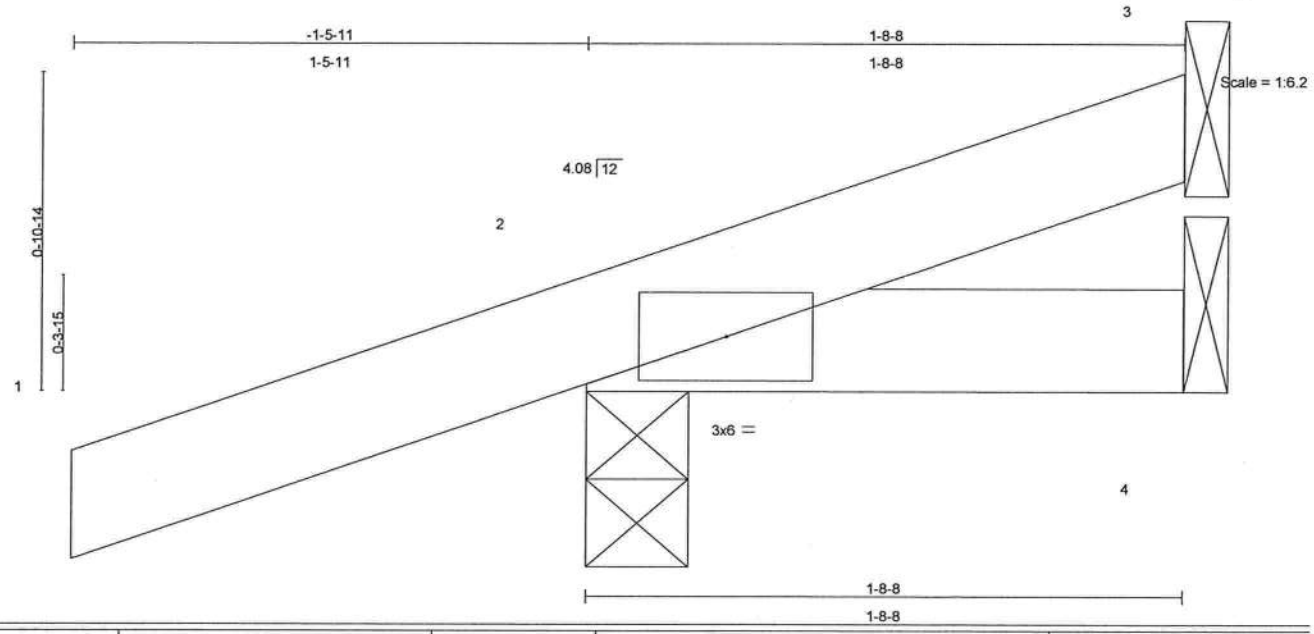
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917130
L235554	EJ1	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:47 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.02	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 8 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 1-8-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=171/0-3-8, 4=8/Mechanical, 3=8/Mechanical
Max Horz 2=58(load case 4)
Max Uplift 2=-148(load case 4), 3=-10(load case 7)
Max Grav 2=171(load case 1), 4=25(load case 2), 3=10(load case 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-28/3
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 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 gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 148 lb uplift at joint 2 and 10 lb uplift at joint 3.

Continued on page 2

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Boynton Beach, FL 33435

December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917130
L235554	EJ1	JACK	2	1	Job Reference (optional)

LOAD CASE(S) Standard

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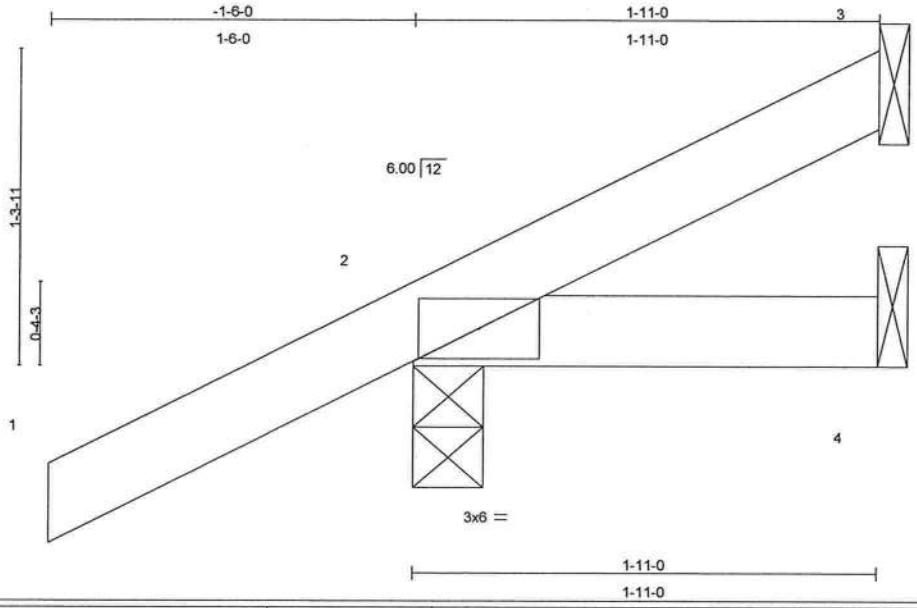
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917131
L235554	EJ1A	MONO TRUSS	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:48 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 9 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-11-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=176/0-3-8, 4=9/Mechanical, 3=17/Mechanical
Max Horz 2=92(load case 6)
Max Uplift 2=-147(load case 6), 3=-17(load case 7)
Max Grav 2=176(load case 1), 4=28(load case 2), 3=17(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-39/4
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *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 147 lb uplift at joint 2 and 17 lb uplift at joint 3.

Continued on page 2

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917131
L235554	EJ1A	MONO TRUSS	4	1	Job Reference (optional)

LOAD CASE(S) Standard

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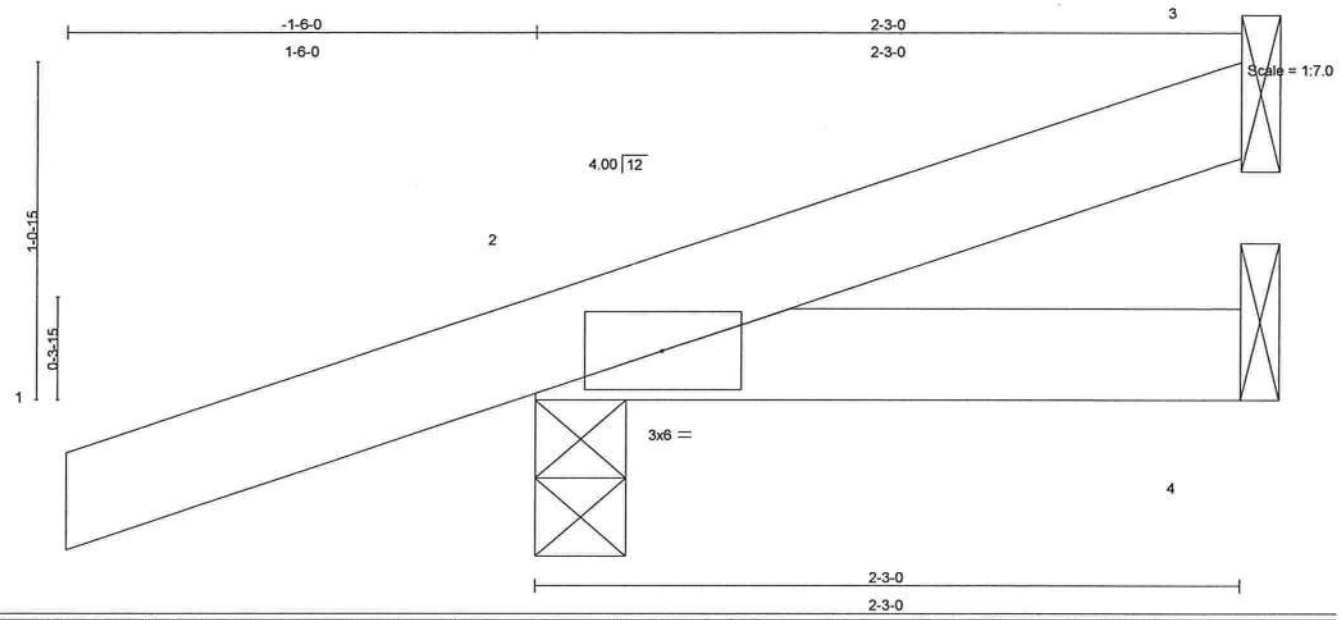
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917132
L235554	EJ2	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:48 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 9 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-3-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=19/Mechanical, 2=190/0-3-8, 4=10/Mechanical
Max Horz 2=65(load case 4)
Max Uplift 3=-16(load case 7), 2=-159(load case 4)
Max Grav 3=19(load case 1), 2=190(load case 1), 4=31(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-32/3
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.08

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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 16 lb uplift at joint 3 and 159 lb uplift at joint 2.

Continued on page 2

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December 12,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917132
L235554	EJ2	JACK	2	1	Job Reference (optional)

LOAD CASE(S) Standard

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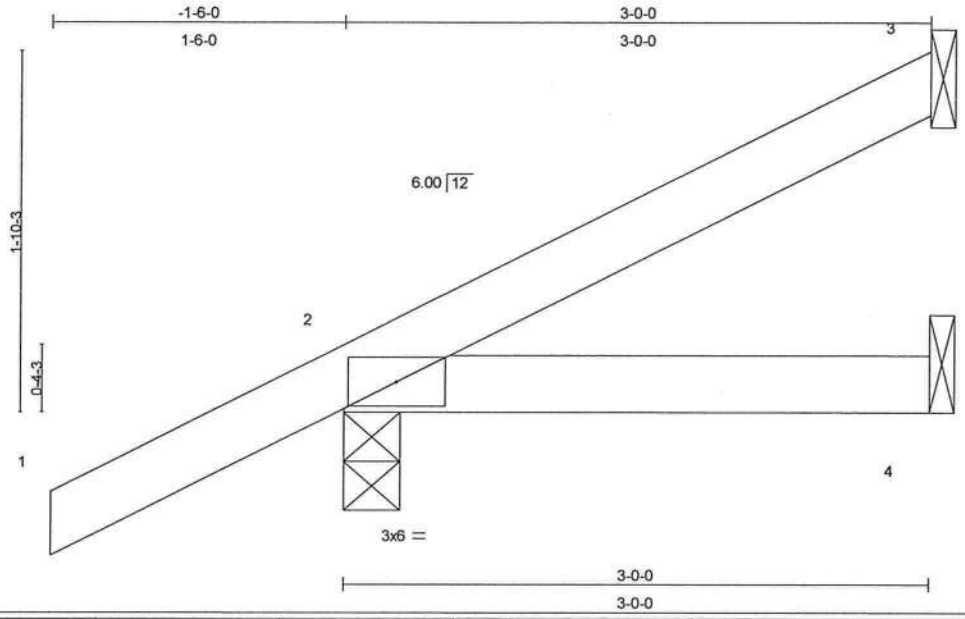
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917133
L235554	EJ3	JACK	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 14:08:27 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.17	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: 12 lb	

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

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

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-3-8, 4=14/Mechanical
Max Horz 2=115(load case 6)
Max Uplift 3=-38(load case 6), 2=-186(load case 6), 4=-27(load case 4)
Max Grav 3=49(load case 1), 2=204(load case 1), 4=42(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-48/16
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.10

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 3, 186 lb uplift at joint 2 and 27 lb uplift at joint 4.

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LOAD CASE(S) Standard

December 12,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917134
L235554	EJ7	MONO TRUSS	7	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:49 2007 Page 1

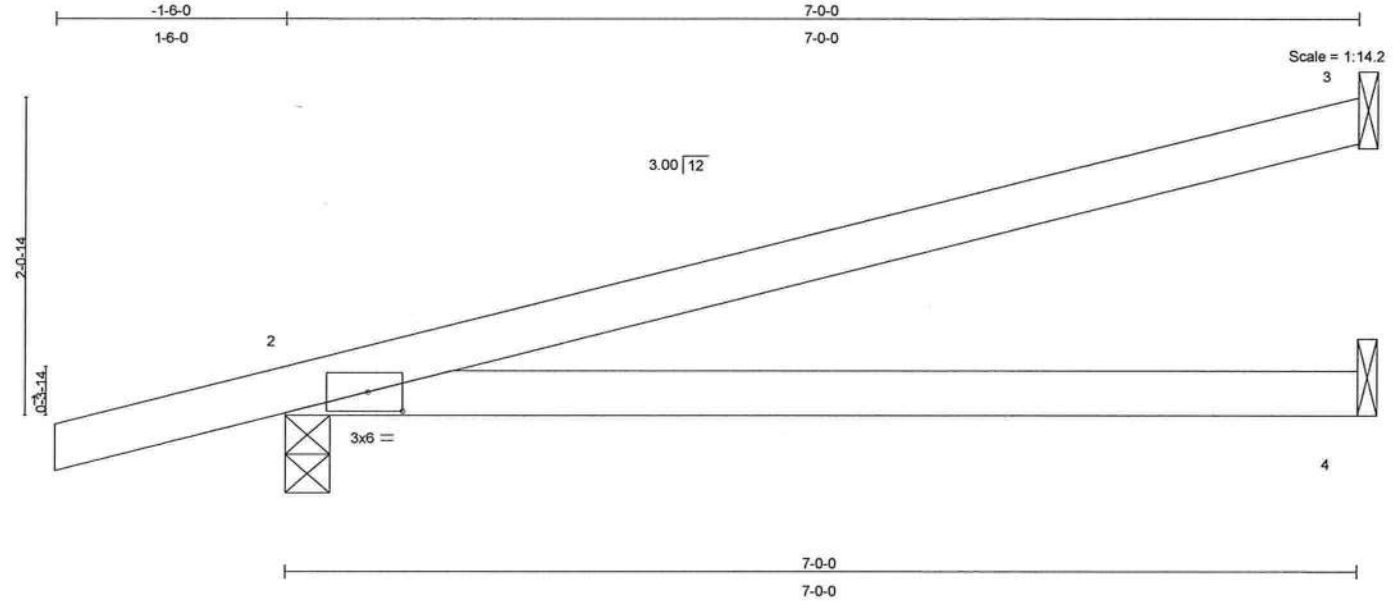

Plate Offsets (X,Y): [2:0-2-12,0-1-8]

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)	0.09	2-4	>935	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.17	2-4	>493	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: 24 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=159/Mechanical, 2=317/0-3-8, 4=48/Mechanical
Max Horz 2=74(load case 4)
Max Uplift 3=-70(load case 4), 2=-131(load case 4)
Max Grav 3=159(load case 1), 2=317(load case 1), 4=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-57/31
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.61

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 70 lb uplift at joint 3 and 131 lb uplift at joint 2.

Continued on page 2

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917134
L235554	EJ7	MONO TRUSS	7	1	Job Reference (optional)

LOAD CASE(S) Standard

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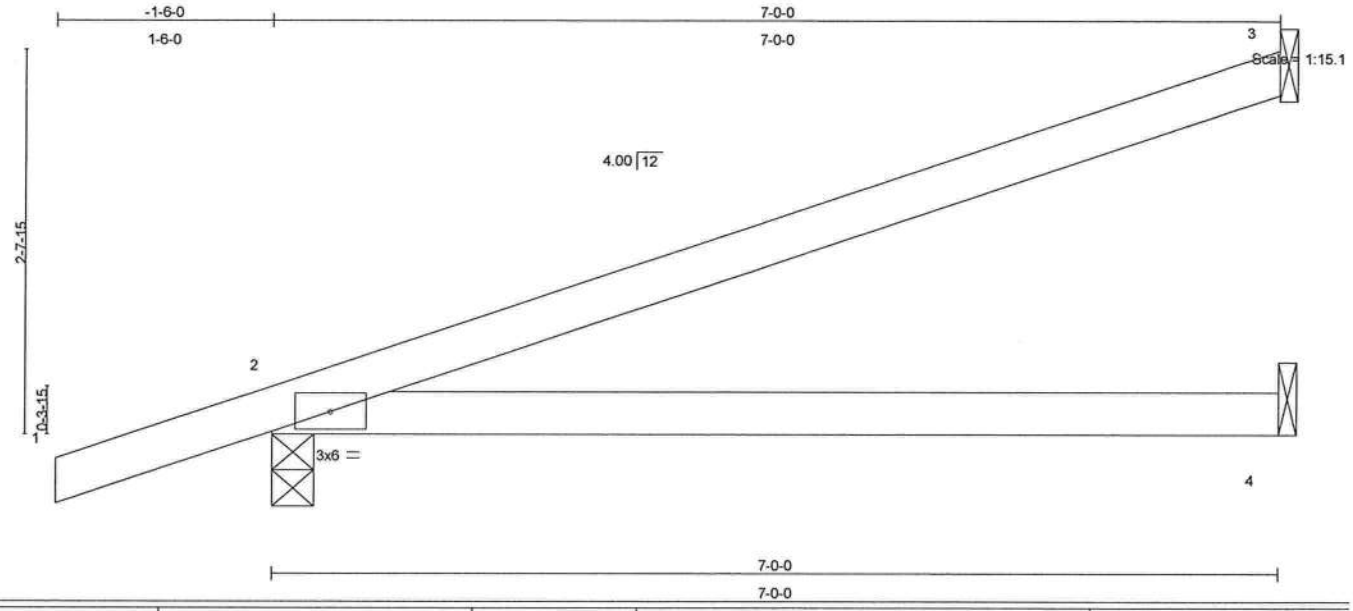
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917135
L235554	EJ7A	MONO TRUSS	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:50 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	0.09	2-4	>877	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.17	2-4	>490	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: 24 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=159/Mechanical, 2=317/0-3-8, 4=48/Mechanical
Max Horz 2=99(load case 4)
Max Uplift 3=-74(load case 4), 2=-126(load case 4)
Max Grav 3=159(load case 1), 2=317(load case 1), 4=94(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-78/40
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.72

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 74 lb uplift at joint 3 and 126 lb uplift at joint 2.

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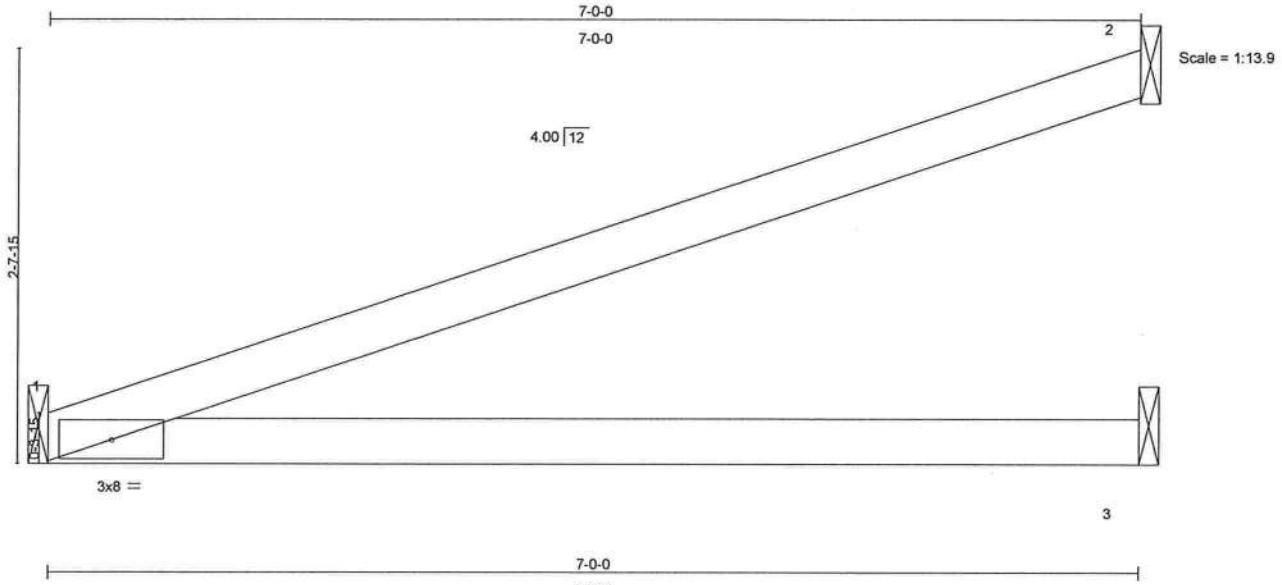
December 12,2007

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917136
L235554	EJ7B	MONO TRUSS	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:50 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.46	Vert(LL)	0.14	1-3	>609	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.18	1-3	>450	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 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) 1=220/Mechanical, 2=166/Mechanical, 3=54/Mechanical
Max Horz 1=75(load case 4)
Max Uplift 1=-48(load case 4), 2=-80(load case 4)
Max Grav 1=220(load case 1), 2=166(load case 1), 3=97(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-80/42
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.61

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 48 lb uplift at joint 1 and 80 lb uplift at joint 2.

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LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917137
L235554	EJ7C	MONO TRUSS	21	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:50 2007 Page 1

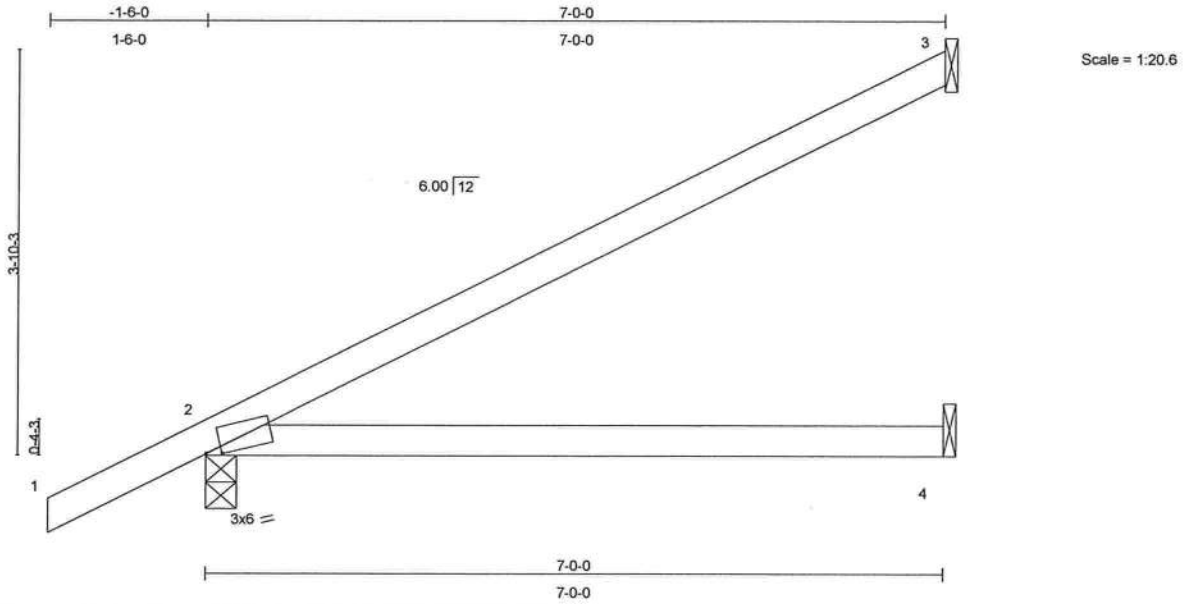

Plate Offsets (X,Y): [2:0-1-13,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.11	2-4	>743	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.28	Vert(TL)	-0.17	2-4	>483	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: 25 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=158/Mechanical, 2=317/0-3-8, 4=49/Mechanical
Max Horz 2=149(load case 6)
Max Uplift 3=-88(load case 6), 2=-111(load case 6)
Max Grav 3=158(load case 1), 2=317(load case 1), 4=95(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-122/56
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.84

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 88 lb uplift at joint 3 and 111 lb uplift at joint 2.

Continued on page 2

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December 12,2007

LOAD CASE(S) Standard

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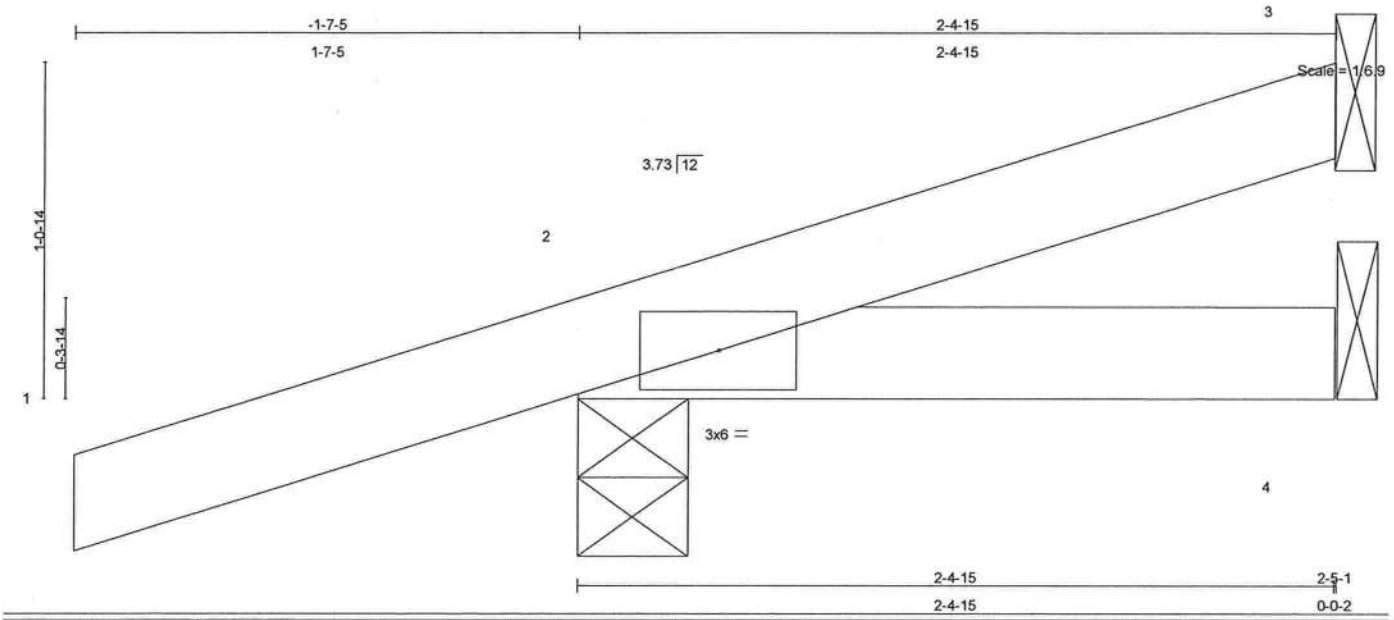
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917138
L235554	HJ2	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:51 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 10 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-4-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-8/Mechanical, 2=156/0-4-2, 4=6/Mechanical
Max Horz 2=43(load case 3)
Max Uplift 3=-8(load case 1), 2=-148(load case 3)
Max Grav 3=31(load case 7), 2=156(load case 1), 4=27(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/25, 2-3=-18/10
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.06

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 8 lb uplift at joint 3 and 148 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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December 12,2007

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LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

Vert: 2=-3(F=25, B=25)-to-3=-41(F=6, B=6), 2=-0(F=5, B=5)-to-4=-8(F=1, B=1)

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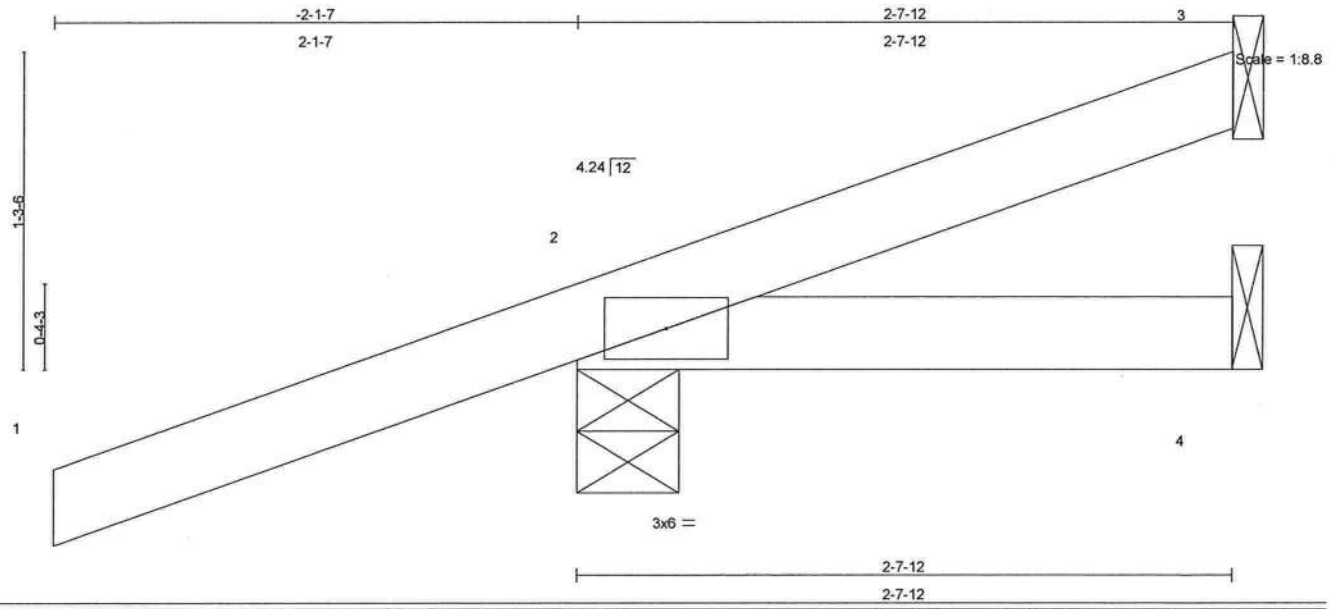
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917139
L235554	HJ2A	JACK	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:51 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.31	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.04	Vert(TL)	-0.00	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 12 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-7-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=-27/Mechanical, 2=209/0-4-15, 4=6/Mechanical
Max Horz 2=60(load case 3)
Max Uplift 3=-27(load case 1), 2=-204(load case 3)
Max Grav 3=49(load case 7), 2=209(load case 1), 4=30(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/36, 2-3=-30/18
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; 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 27 lb uplift at joint 3 and 204 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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December 12,2007

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LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-3(F=25, B=25)-to-3=-41(F=6, B=6), 2=-0(F=5, B=5)-to-4=-8(F=1, B=1)

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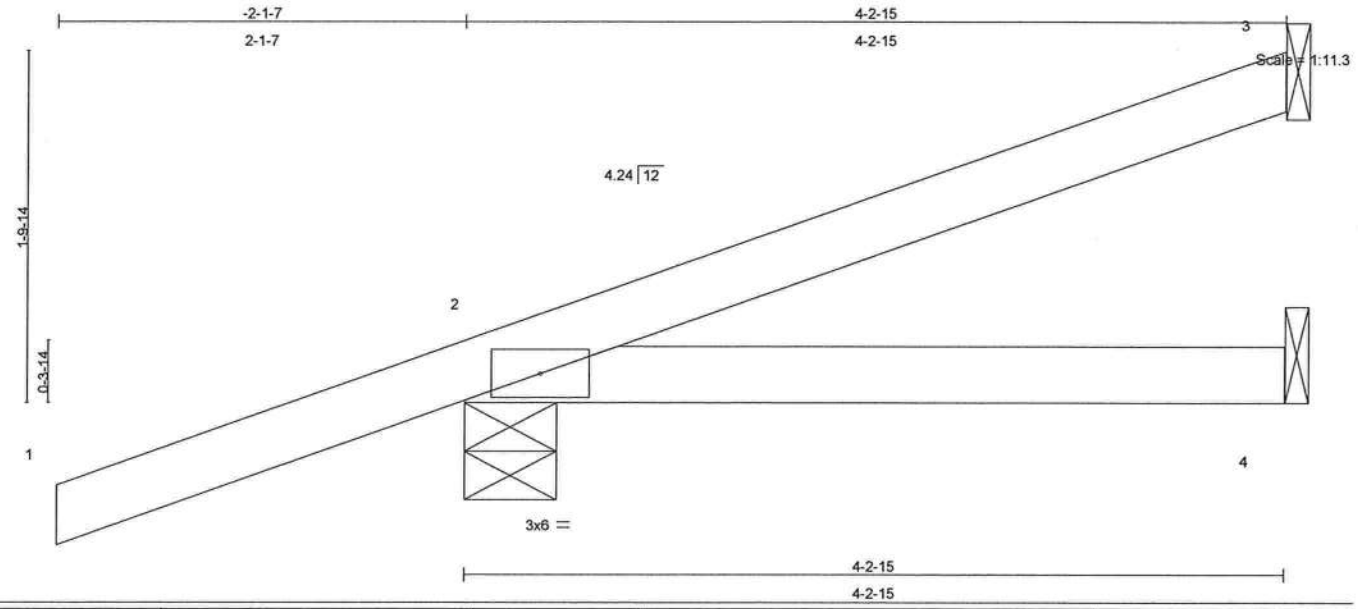
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917140
L235554	HJ4	JACK	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:52 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.02	2-4	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 16 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=39/Mechanical, 2=214/0-5-11, 4=14/Mechanical
Max Horz 2=82(load case 3)
Max Uplift 3=-16(load case 3), 2=-185(load case 3)
Max Grav 3=39(load case 1), 2=214(load case 1), 4=53(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-28/6
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.09

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; 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 16 lb uplift at joint 3 and 185 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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December 12,2007

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

Vert: 2=-3(F=25, B=25)-to-3=-57(F=-2, B=-2), 2=-0(F=5, B=5)-to-4=-11(F=-0, B=-0)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917141
L235554	HJ9	MONO TRUSS	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:52 2007 Page 1

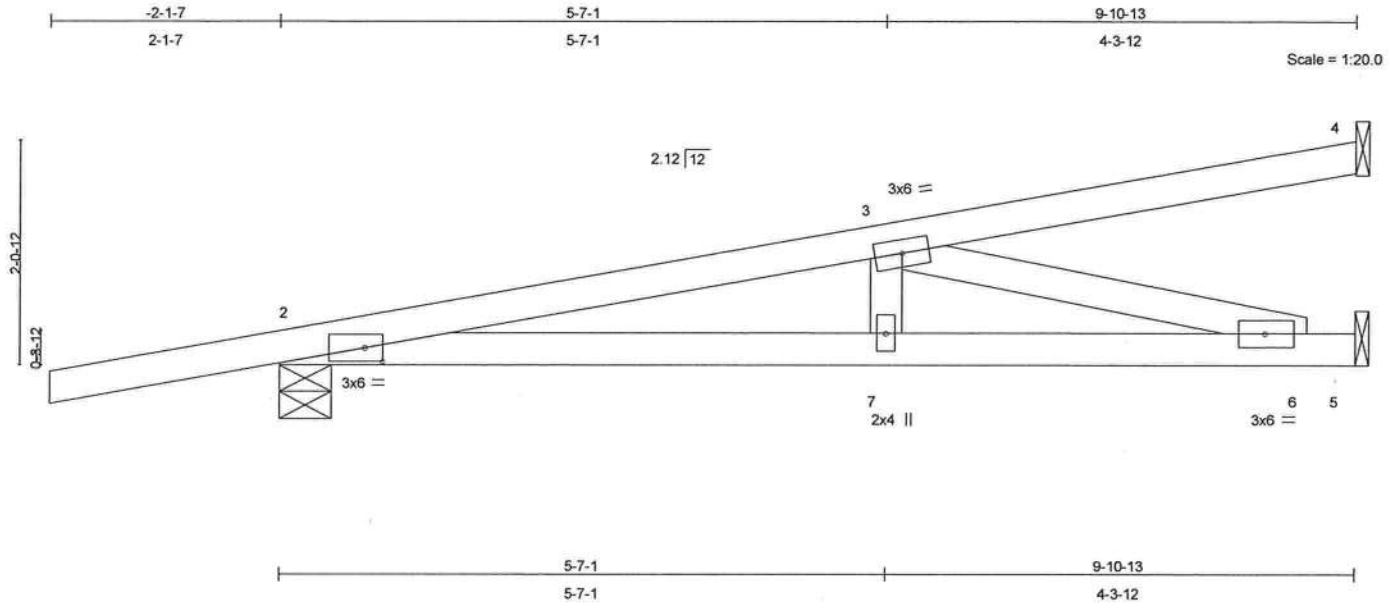

Plate Offsets (X,Y): [2:0-2-0,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.05	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.10	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 40 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 9-0-2 oc bracing.

REACTIONS (lb/size) 4=217/Mechanical, 2=407/0-5-11, 5=280/Mechanical
Max Horz 2=125(load case 3)
Max Uplift 4=-159(load case 3), 2=-269(load case 3), 5=-96(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/19, 2-3=-1015/393, 3-4=-40/28
BOT CHORD 2-7=-472/985, 6-7=-472/985, 5-6=0/0
WEBS 3-7=0/192, 3-6=-1018/488

JOINT STRESS INDEX
2 = 0.36, 3 = 0.27, 6 = 0.28 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; Lumber DOL=1.60 plate grip DOL=1.60.
2) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 4, 269 lb uplift at joint 2 and 96 lb uplift at joint 5.

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NOTES

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-3(F=25, B=25)-to-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	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917142
L235554	HJ9A	MONO TRUSS	2	1	Job Reference (optional)

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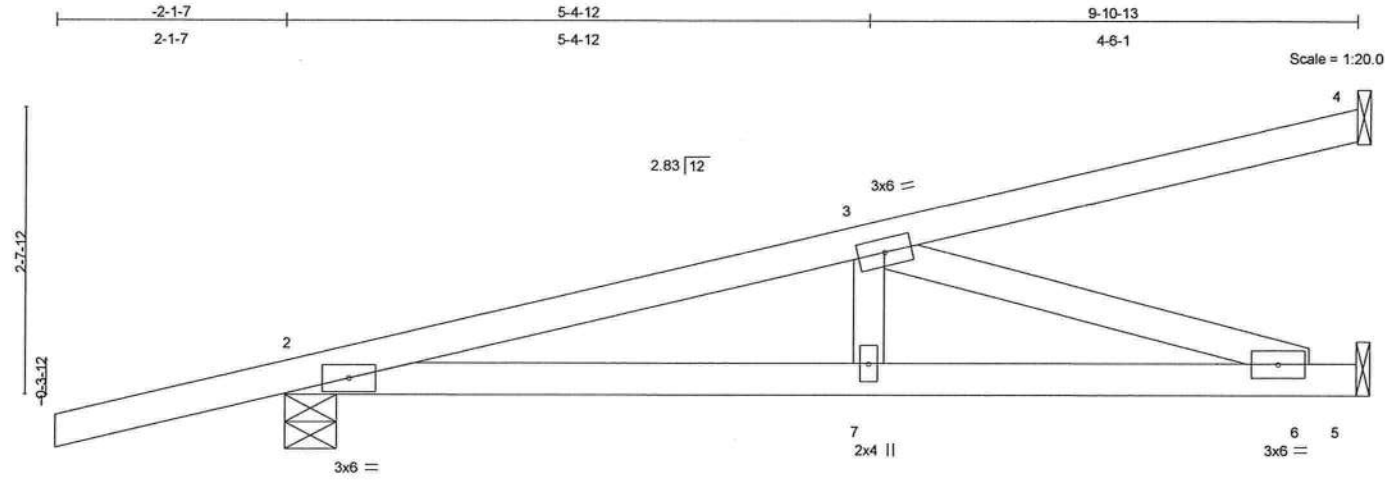

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	-0.04	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.08	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 41 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 9-9-0 oc bracing.

REACTIONS (lb/size) 4=222/Mechanical, 2=407/0-5-11, 5=274/Mechanical
Max Horz 2=167(load case 3)
Max Uplift 4=-171(load case 3), 2=-259(load case 3), 5=-97(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/26, 2-3=-828/287, 3-4=-56/38
BOT CHORD 2-7=-397/789, 6-7=-397/789, 5-6=0/0
WEBS 3-7=0/195, 3-6=-828/416

JOINT STRESS INDEX
2 = 0.36, 3 = 0.22, 6 = 0.23 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; 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 171 lb uplift at joint 4, 259 lb uplift at joint 2 and 97 lb uplift at joint 5.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917142
L235554	HJ9A	MONO TRUSS	2	1	Job Reference (optional)

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54
   Trapezoidal Loads (plf)
   Vert: 2=-3(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=5, B=5)-to-5=-25(F=-7, B=-7)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917143
L235554	HJ9B	MONO TRUSS	3	1	Job Reference (optional)

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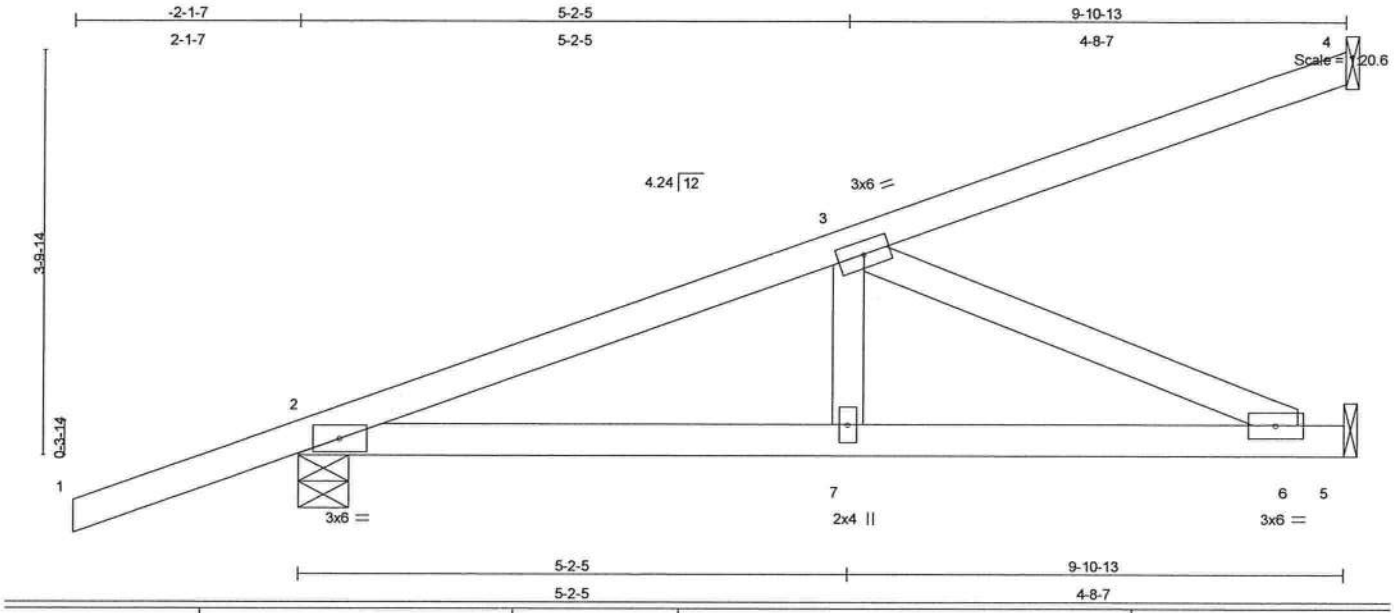

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	0.04	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.07	6-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.25	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 43 lb	

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

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

REACTIONS (lb/size) 4=229/Mechanical, 2=407/0-5-11, 5=268/Mechanical
Max Horz 2=254(load case 3)
Max Uplift 4=-199(load case 3), 2=-229(load case 3), 5=-107(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/37, 2-3=-614/143, 3-4=-91/56
BOT CHORD 2-7=-319/559, 6-7=-319/559, 5-6=0/0
WEBS 3-7=0/197, 3-6=-610/348

JOINT STRESS INDEX
2 = 0.47, 3 = 0.16, 6 = 0.16 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; 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 199 lb uplift at joint 4, 229 lb uplift at joint 2 and 107 lb uplift at joint 5.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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December 12,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917143
L235554	HJ9B	MONO TRUSS	3	1	Job Reference (optional)

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-2=-54

Trapezoidal Loads (plf)

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

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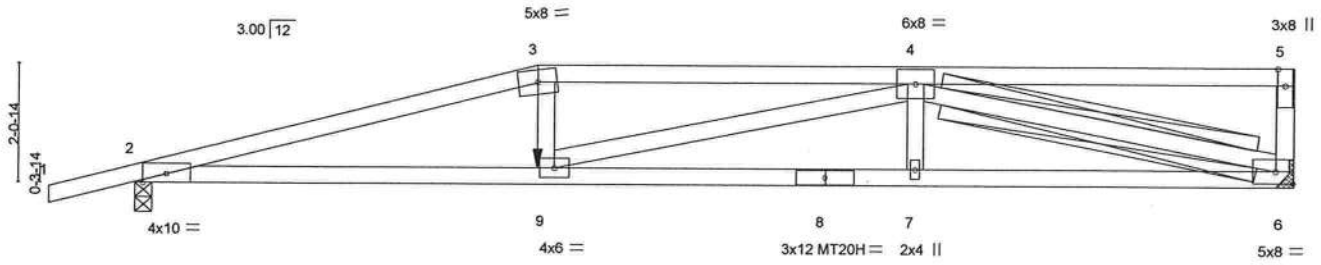
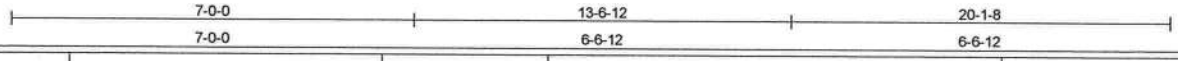
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917144
L235554	T01	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:54 2007 Page 1

Scale = 1:37.8



Simpson HTU26 into Ledger by others.



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.89	Vert(LL)	-0.31	7-9	>775	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.92	Vert(TL)	-0.62	7-9	>386	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.88	Horz(TL)	0.12	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 88 lb	

LUMBER

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

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-1-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-9-7 oc bracing.
WEBS I-Brace: 2 X 4 SYP No.3 - 4-6
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) 6=1433/Mechanical, 2=1312/0-3-8
Max Horz 2=75(load case 3)
Max Uplift 6=-423(load case 3), 2=-426(load case 3)

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

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-4162/1199, 3-4=-4027/1188, 4-5=-311/92, 5-6=-375/167
BOT CHORD 2-9=-1184/3990, 8-9=-1115/3771, 7-8=-1115/3771, 6-7=-1115/3771
WEBS 3-9=-57/456, 4-9=-131/266, 4-7=0/259, 4-6=-3591/1062

JOINT STRESS INDEX

2 = 0.61, 3 = 0.81, 4 = 0.79, 5 = 0.89, 6 = 0.95, 7 = 0.33, 8 = 0.89 and 9 = 0.29

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
2) Provide adequate drainage to prevent water ponding.

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December 12,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917144
L235554	T01	MONO HIP	1	1	Job Reference (optional)

NOTES

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 423 lb uplift at joint 6 and 426 lb uplift at joint 2.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-118(F=-64), 2-9=-10, 6-9=-22(F=-12)
   Concentrated Loads (lb)
   Vert: 9=-411(F)

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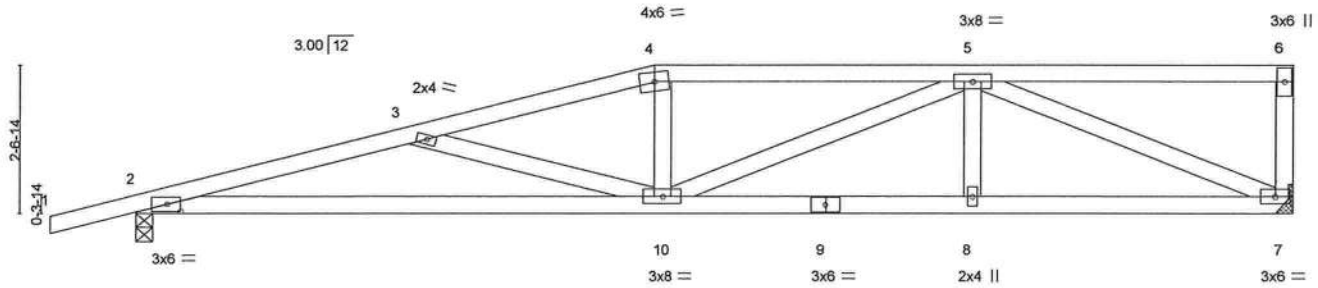
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917145
L235554	T02	MONO HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:55 2007 Page 1

Scale = 1:37.8



Simpson HTU26 into Ledger by others.

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.16	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.44	Vert(TL)	-0.32	2-10	>742	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.70	Horz(TL)	0.05	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 94 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 4-5-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-2-9 oc bracing.

REACTIONS (lb/size) 7=631/Mechanical, 2=727/0-3-8
Max Horz 2=91(load case 4)
Max Uplift 7=-177(load case 4), 2=-244(load case 4)

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

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-1873/1003, 3-4=-1475/755, 4-5=-1413/757, 5-6=-70/34, 6-7=-141/100
BOT CHORD 2-10=-1044/1780, 9-10=-616/1144, 8-9=-616/1144, 7-8=-616/1144
WEBS 3-10=-386/295, 4-10=0/185, 5-10=-153/292, 5-8=0/133, 5-7=-1165/631

JOINT STRESS INDEX
2 = 0.64, 3 = 0.33, 4 = 0.63, 5 = 0.56, 6 = 0.31, 7 = 0.35, 8 = 0.33, 9 = 0.40 and 10 = 0.56

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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December 12,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917145
L235554	T02	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 177 lb uplift at joint 7 and 244 lb uplift at joint 2.

LOAD CASE(S) Standard

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917146
L235554	T03	MONO HIP	1	1	Job Reference (optional)

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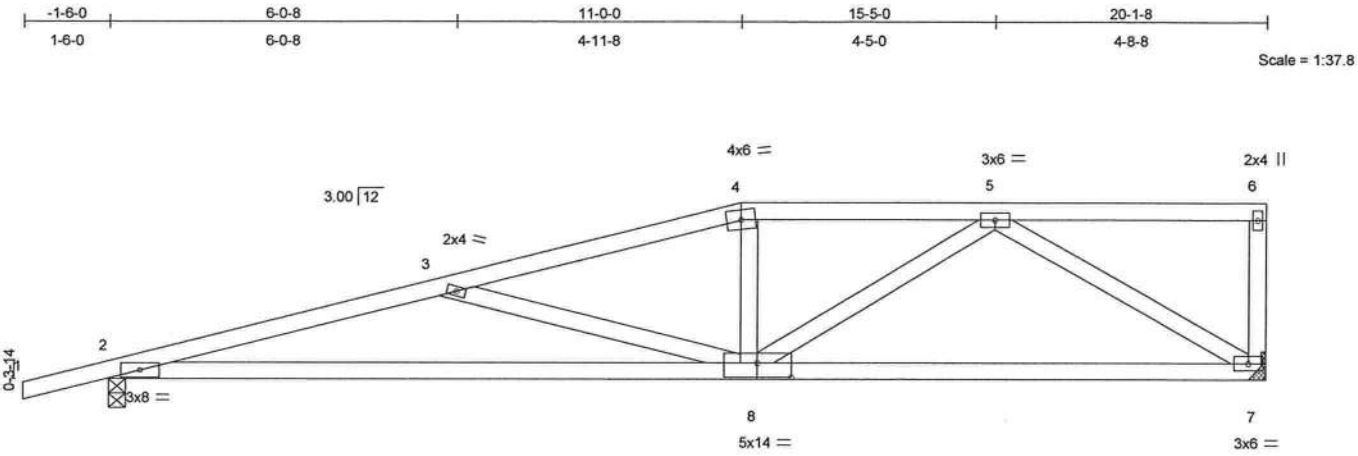

Plate Offsets (X,Y): [8:0-7-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.30	2-8	>794	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.57	2-8	>416	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.47	Horz(TL)	0.04	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 93 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-1-11 oc bracing.

REACTIONS (lb/size) 7=631/Mechanical, 2=727/0-3-8
Max Horz 2=107(load case 4)
Max Uplift 7=-179(load case 4), 2=-242(load case 4)

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

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/18, 2-3=-1820/993, 3-4=-1230/616, 4-5=-1162/620, 5-6=-53/12, 6-7=-121/85
BOT CHORD 2-8=-1056/1727, 7-8=-464/817
WEBS 3-8=-588/444, 4-8=0/158, 5-8=-189/416, 5-7=-906/529

JOINT STRESS INDEX
2 = 0.66, 3 = 0.33, 4 = 0.56, 5 = 0.34, 6 = 0.72, 7 = 0.49 and 8 = 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) 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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December 12,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917146
L235554	T03	MONO HIP	1	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 179 lb uplift at joint 7 and 242 lb uplift at joint 2.

LOAD CASE(S) Standard

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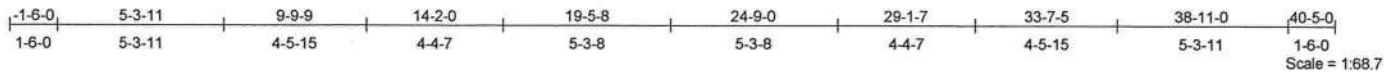
Truss Design Engineer
Florida PE No. 34869
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917147
L235554	T04	HIP	1	4	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 16:54:18 2007 Page 1



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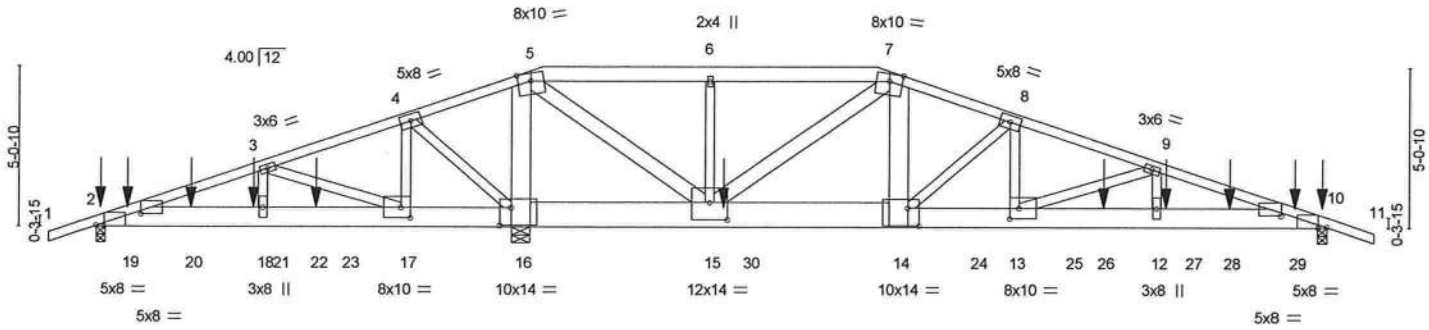

Plate Offsets (X,Y): [2:0-3-3,Edge], [2:1-5-0,0-4-6], [10:1-5-0,0-4-6], [10:0-3-3,Edge], [13:0-3-8,0-4-0], [14:0-4-4,0-6-12], [15:0-7-0,0-6-8], [16:0-4-4,0-6-12], [17:0-3-8,0-4-0]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.87	Vert(LL)	-0.22	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.81	Vert(TL)	-0.51	12-13	>600	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.87	Horz(TL)	0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 1214 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.1D *Except* 5-7 2 X 6 SYP No.1D

BOT CHORD 2 X 8 SYP 2400F 2.0E *Except* 14-16 2 X 10 SYP No.2

WEBS 2 X 4 SYP No.3 *Except* 5-16 2 X 8 SYP No.1D, 7-14 2 X 8 SYP No.1D, 5-15 2 X 6 SYP No.1D, 7-15 2 X 6 SYP No.1D

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins.

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=-1244/0-3-8, 10=11548/0-3-8, 16=28209/0-8-5 (input: 0-7-0)
Max Horz 2=76(load case 5)
Max Uplift 2=-1244(load case 1), 10=-1511(load case 4), 16=-4539(load case 3)
Max Grav 2=140(load case 9), 10=11548(load case 1), 16=28209(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/32, 2-3=-660/7354, 3-4=-1555/12519, 4-5=-2343/16314, 5-6=-5622/773, 6-7=-5622/772, 7-8=-17193/2151, 8-9=-23738/3105, 9-10=-29466/3787, 10-11=0/32

BOT CHORD 2-19=-6966/711, 19-20=-6966/711, 20-21=-6966/711, 18-21=-6966/711, 18-22=-6966/711, 22-23=-6966/711, 17-23=-6966/711, 16-17=-11843/1595, 14-24=-2834/22511, 13-24=-2834/22511, 13-25=-3542/28033, 25-26=-3542/28033, 12-26=-3542/28033, 12-27=-3542/28033, 27-28=-3542/28033, 28-29=-3542/28033, 10-29=-3542/28033, 15-16=-14029/2169, 15-30=-1789/15466, 14-30=-1782/15439

WEBS 3-18=-540/3238, 3-17=-5192/983, 4-17=-883/4143, 6-15=-258/123, 8-13=-1001/7034, 9-13=-5880/756, 9-12=-351/3286, 4-16=-4675/1085, 8-14=-8230/1259, 5-16=-20911/3014, 7-14=-1491/12818, 5-15=-3493/24840, 7-15=-12366/1497

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December 12,2007

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917147
L235554	T04	HIP	1	4	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.83, 2 = 0.61, 3 = 0.74, 4 = 0.73, 5 = 0.93, 6 = 0.34, 7 = 0.93, 8 = 0.73, 9 = 0.74, 10 = 0.70, 10 = 0.61, 12 = 0.27, 13 = 0.46, 14 = 0.93, 15 = 0.92, 16 = 0.93, 17 = 0.46 and 18 = 0.27

NOTES

1) 4-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 8 - 4 rows at 0-4-0 oc, 2 X 10 - 4 rows at 0-4-0 oc.
   Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 8 - 2 rows at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
   Attach 2x6 and larger chords with 1/2 inch diameter thru bolts (ASTM a-307) with washers at 2-0-0 on center staggered 1-0-0. Refer to drawing CNBOLTSP1103 for additional bolt spacing information.
   NOTE: Do not drill bolt holes through connector plates.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) WARNING: Required bearing size at joint(s) 16 greater than input bearing size. Bearing enhancement to be specified and designed by the Engineer/Architect of Record.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1244 lb uplift at joint 2, 1511 lb uplift at joint 10 and 4539 lb uplift at joint 16.

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

LOAD CASE(S) Standard Except:

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-7=-54, 7-11=-54, 2-23=-178(F=-168), 15-23=-693(F=-683), 24-30=-1464(F=-1454), 24-25=-1022(F=-1012), 10-25=-507(F=-496), 15-30=-1463(F=-1453)
   Concentrated Loads (lb)
   Vert: 2=-407(F) 10=-407(F) 19=-179(F) 20=-204(F) 21=-257(F) 22=-2028(F) 26=-2081(F) 27=-257(F) 28=-204(F) 29=-179(F) 30=-1292(F)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917148
L235554	T05	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:42:57 2007 Page 1

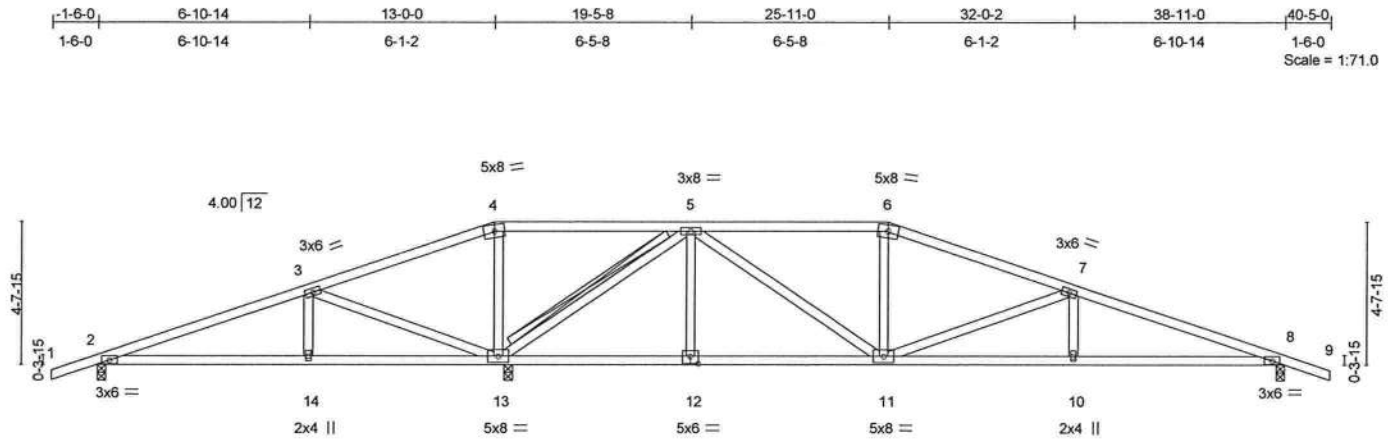

Plate Offsets (X,Y): [12:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.41	Vert(LL)	0.09	10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.17	8-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 188 lb	

LUMBER

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

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-7-15 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	T-Brace: 2 X 4 SYP No.3 - 5-13

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

REACTIONS (lb/size) 2=207/0-3-8, 13=1685/0-3-8, 8=758/0-3-8
Max Horz 2=69(load case 6)
Max Uplift 2=-140(load case 6), 13=-413(load case 4), 8=-265(load case 5)
Max Grav 2=280(load case 10), 13=1685(load case 1), 8=787(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/24, 2-3=-84/505, 3-4=-388/935, 4-5=-323/859, 5-6=-861/540, 6-7=-962/527, 7-8=-1600/817, 8-9=0/24
BOT CHORD	2-14=-462/167, 13-14=-462/167, 12-13=-18/389, 11-12=-18/389, 10-11=-666/1459, 8-10=-666/1459
WEBS	3-14=0/211, 3-13=-678/431, 4-13=-612/372, 5-13=-1360/708, 5-12=0/189, 5-11=-341/629, 6-11=-73/92, 7-11=-639/410, 7-10=0/208

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JOINT STRESS INDEX

2 = 0.59, 3 = 0.38, 4 = 0.67, 5 = 0.63, 6 = 0.67, 7 = 0.38, 8 = 0.59, 10 = 0.33, 11 = 0.31, 12 = 0.37, 13 = 0.31 and 14 = 0.33

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917148
L235554	T05	HIP	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 2, 413 lb uplift at joint 13 and 265 lb uplift at joint 8.

LOAD CASE(S) Standard

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917149
L235554	T06	HIP	1	1	Job Reference (optional)

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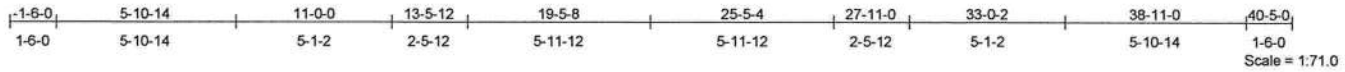

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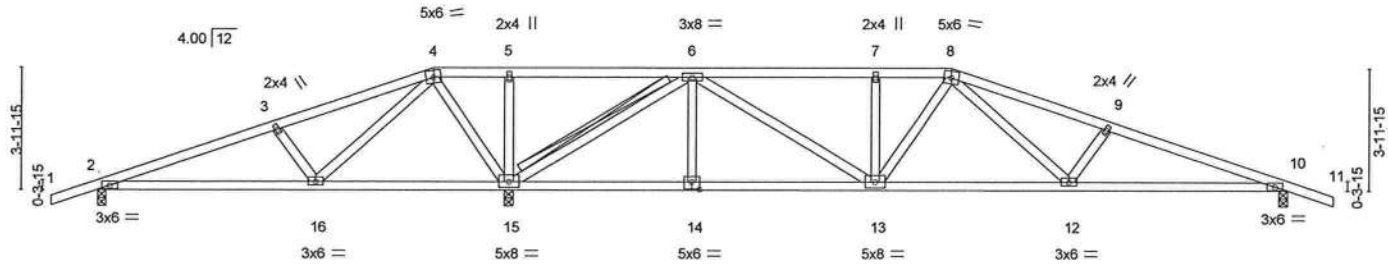

Plate Offsets (X,Y): [14:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.09	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.35	Vert(TL)	-0.16	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 191 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-15
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=230/0-3-8, 15=1672/0-3-8, 10=748/0-3-8
Max Horz 2=-61(load case 7)
Max Uplift 2=-145(load case 6), 15=-423(load case 4), 10=-261(load case 5)
Max Grav 2=285(load case 10), 15=1672(load case 1), 10=772(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-136/430, 3-4=-67/479, 4-5=-417/1001, 5-6=-417/1001, 6-7=-937/548, 7-8=-937/548, 8-9=-1426/777, 9-10=-1602/829, 10-11=0/24
BOT CHORD 2-16=-391/122, 15-16=-608/420, 14-15=-26/373, 13-14=-26/373, 12-13=-371/980, 10-12=-687/1469
WEBS 3-16=-322/270, 4-16=-261/494, 4-15=-706/403, 5-15=-273/164, 6-15=-1469/770, 6-14=0/176, 6-13=-365/708, 7-13=-253/151, 8-13=-106/90, 8-12=-240/455, 9-12=-291/253

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JOINT STRESS INDEX

2 = 0.56, 3 = 0.33, 4 = 0.41, 5 = 0.33, 6 = 0.68, 7 = 0.33, 8 = 0.41, 9 = 0.33, 10 = 0.56, 12 = 0.40, 13 = 0.33, 14 = 0.32, 15 = 0.33 and 16 = 0.40

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 145 lb uplift at joint 2, 423 lb uplift at joint 15 and 261 lb uplift at joint 10.

LOAD CASE(S) Standard

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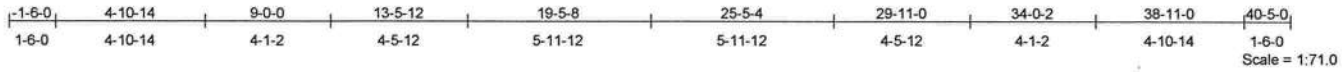
December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917150
L235554	T07	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:00 2007 Page 1



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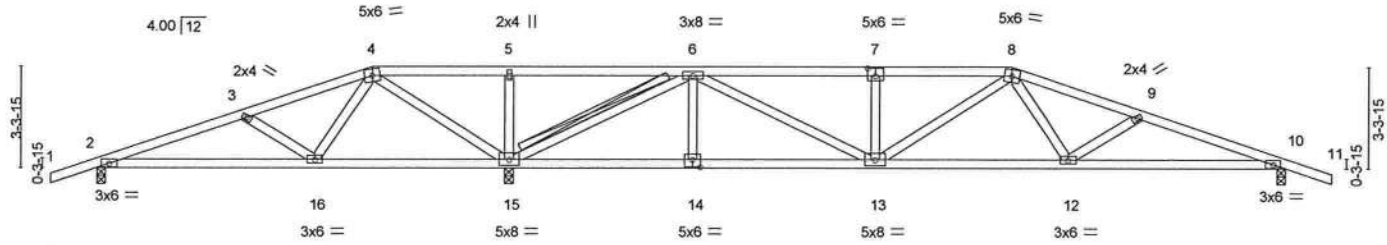

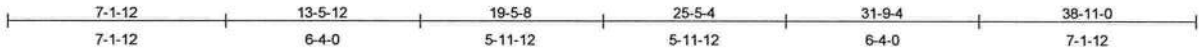

Plate Offsets (X,Y): [7:0-3-0,0-3-0], [14:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	0.11	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.18	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.03	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 186 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-15
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=255/0-3-8, 15=1634/0-3-8, 10=761/0-3-8
Max Horz 2=53(load case 6)
Max Uplift 2=-147(load case 6), 15=-426(load case 4), 10=-262(load case 5)
Max Grav 2=291(load case 10), 15=1634(load case 1), 10=776(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-204/323, 3-4=-71/396, 4-5=-482/1100, 5-6=-482/1100, 6-7=-1167/654, 7-8=-1167/654, 8-9=-1412/739, 9-10=-1648/863, 10-11=0/24
BOT CHORD 2-16=-292/156, 15-16=-438/270, 14-15=-93/476, 13-14=-93/476, 12-13=-492/1175, 10-12=-725/1517
WEBS 3-16=-307/249, 4-16=-107/318, 4-15=-911/489, 5-15=-310/210, 6-15=-1660/861, 6-14=0/175, 6-13=-413/808, 7-13=-293/200, 8-13=-37/117, 8-12=-91/298, 9-12=-256/223

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917150
L235554	T07	HIP	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.58, 3 = 0.33, 4 = 0.43, 5 = 0.33, 6 = 0.76, 7 = 0.50, 8 = 0.43, 9 = 0.33, 10 = 0.58, 12 = 0.41, 13 = 0.37, 14 = 0.33, 15 = 0.37 and 16 = 0.41

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 147 lb uplift at joint 2, 426 lb uplift at joint 15 and 262 lb uplift at joint 10.

LOAD CASE(S) Standard

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December 12,2007

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917151
L235554	T08	HIP	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:01 2007 Page 1

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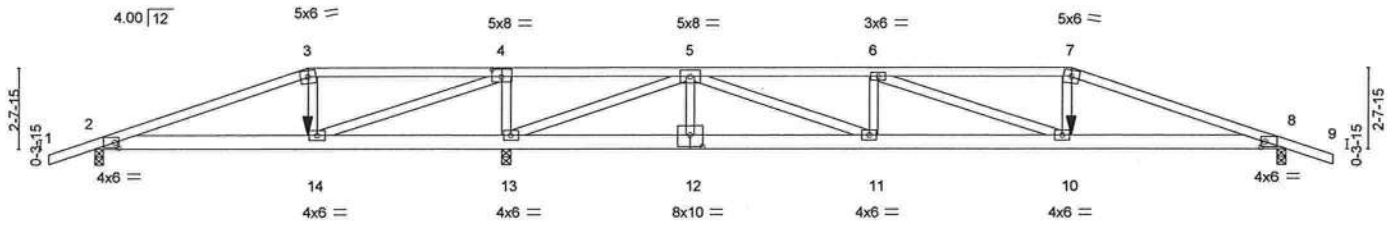

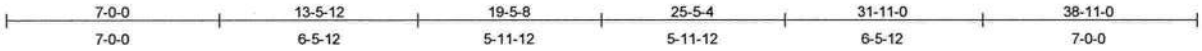

Plate Offsets (X,Y): [2:0-1-8,0-2-0], [4:0-4-0,0-3-0], [8:0-1-8,0-2-0], [12:0-5-0,0-4-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.60	Vert(LL)	-0.13	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.25	Vert(TL)	-0.24	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.71	Horz(TL)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 412 lb	

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

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

REACTIONS (lb/size) 2=350/0-3-8, 13=3547/0-3-8, 8=1448/0-3-8
Max Horz 2=47(load case 5)
Max Uplift 2=-165(load case 5), 13=-1077(load case 3), 8=-487(load case 4)
Max Grav 2=365(load case 9), 13=3547(load case 1), 8=1452(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/28, 2-3=-293/111, 3-4=-198/123, 4-5=-705/2459, 5-6=-3755/1195, 6-7=-3530/1115, 7-8=-3732/1137, 8-9=0/28
BOT CHORD 2-14=-81/228, 13-14=-2349/755, 12-13=-448/1598, 11-12=-448/1598, 10-11=-1094/3755, 8-10=-1008/3493
WEBS 3-14=-485/233, 4-14=-796/2665, 4-13=-1721/648, 5-13=-4308/1318, 5-12=0/202, 5-11=-704/2319, 6-11=-679/330, 6-10=-408/108, 7-10=-102/623

JOINT STRESS INDEX
2 = 0.63, 3 = 0.56, 4 = 0.66, 5 = 0.66, 6 = 0.73, 7 = 0.56, 8 = 0.63, 10 = 0.52, 11 = 0.55, 12 = 0.16, 13 = 0.55 and 14 = 0.52

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917151
L235554	T08	HIP	1	2	Job Reference (optional)

NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
   Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 165 lb uplift at joint 2, 1077 lb uplift at joint 13 and 487 lb uplift at joint 8.
9) Girder carries hip end with 7-0-0 end setback.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
      Vert: 1-3=-54, 3-7=-118(F=-64), 7-9=-54, 2-14=-10, 10-14=-22(F=-12), 8-10=-10
   Concentrated Loads (lb)
      Vert: 14=-411(F) 10=-411(F)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917152
L235554	T09	HIP	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:02 2007 Page 1

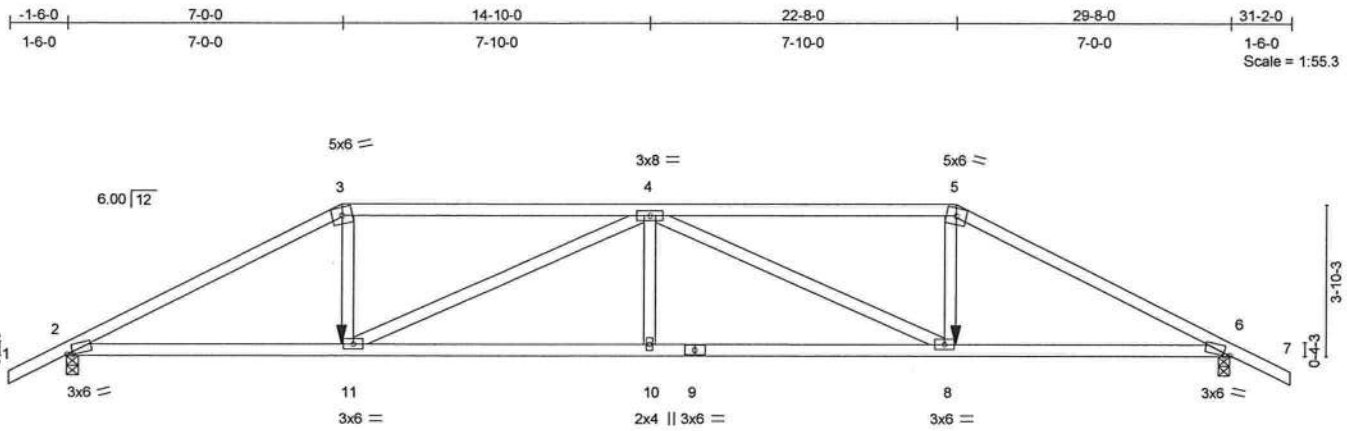

Plate Offsets (X,Y): [2:0-1-13,0-0-7], [6:0-1-13,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.54	Vert(LL)	-0.16	10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.32	10-11	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.10	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 269 lb	

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

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

REACTIONS (lb/size) 2=2028/0-3-8, 6=2028/0-3-8
Max Horz 2=68(load case 5)
Max Uplift 2=-630(load case 5), 6=-630(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-3928/1256, 3-4=-3478/1167, 4-5=-3478/1167, 5-6=-3928/1256, 6-7=0/35
BOT CHORD 2-11=-1098/3432, 10-11=-1528/4725, 9-10=-1528/4725, 8-9=-1528/4725, 6-8=-1061/3432
WEBS 3-11=-308/1145, 4-11=-1487/542, 4-10=0/330, 4-8=-1487/542, 5-8=-308/1145

JOINT STRESS INDEX
2 = 0.78, 3 = 0.64, 4 = 0.56, 5 = 0.64, 6 = 0.78, 8 = 0.36, 9 = 0.75, 10 = 0.33 and 11 = 0.36

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917152
L235554	T09	HIP	1	2	Job Reference (optional)

NOTES

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 630 lb uplift at joint 2 and 630 lb uplift at joint 6.
9) Girder carries hip end with 7-0-0 end setback.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-118(F=-64), 5-7=-54, 2-11=-10, 8-11=-22(F=-12), 6-8=-10
   Concentrated Loads (lb)
   Vert: 11=-411(F) 8=-411(F)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917153
L235554	T10	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:03 2007 Page 1

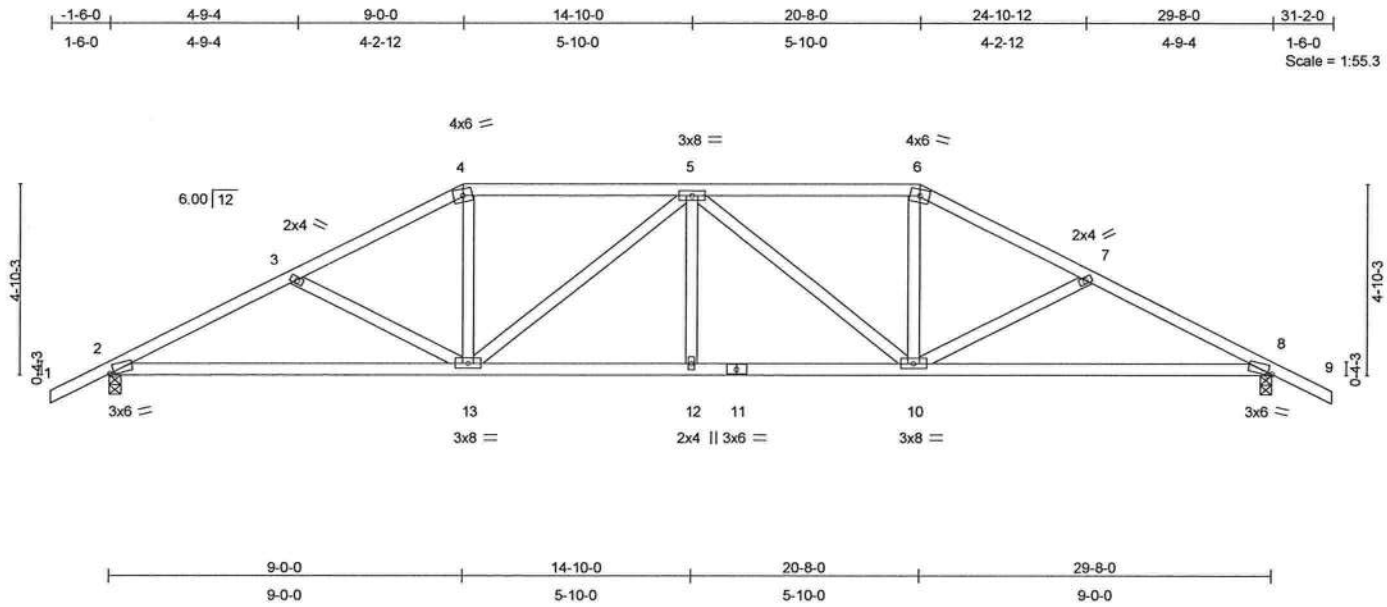

Plate Offsets (X,Y): [2:0-1-5,0-0-7], [8:0-1-5,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.15	2-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.29	2-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.35	Horz(TL)	0.08	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 151 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 4-8-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-6-15 oc bracing.

REACTIONS (lb/size) 2=1029/0-3-8, 8=1029/0-3-8
Max Horz 2=-80(load case 7)
Max Uplift 2=-243(load case 6), 8=-243(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1738/935, 3-4=-1500/823, 4-5=-1310/794, 5-6=-1310/794, 6-7=-1500/823, 7-8=-1738/935, 8-9=0/35
BOT CHORD 2-13=-695/1492, 12-13=-631/1534, 11-12=-631/1534, 10-11=-631/1534, 8-10=-695/1492
WEBS 3-13=-223/221, 4-13=-150/392, 5-13=-382/163, 5-12=0/116, 5-10=-382/163, 6-10=-150/392, 7-10=-223/221

JOINT STRESS INDEX
2 = 0.79, 3 = 0.33, 4 = 0.57, 5 = 0.56, 6 = 0.57, 7 = 0.33, 8 = 0.79, 10 = 0.56, 11 = 0.51, 12 = 0.33 and 13 = 0.56

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917153
L235554	T10	HIP	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 243 lb uplift at joint 2 and 243 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917154
L235554	T11	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:04 2007 Page 1

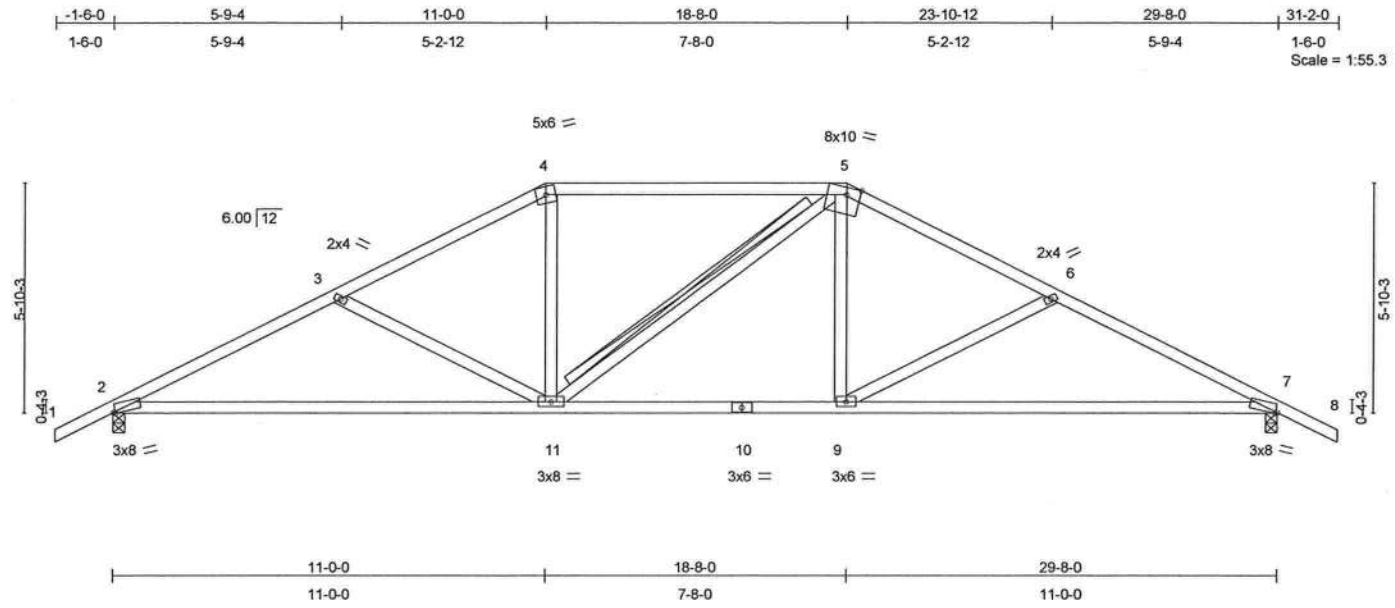

Plate Offsets (X,Y): [2:0-0-10,Edge], [5:0-4-3,Edge], [7:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.32	2-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.60	2-11	>585	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.07	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 144 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 7-10 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-7-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-6-14 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-11
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1029/0-3-8, 7=1029/0-3-8
Max Horz 2=92(load case 6)
Max Uplift 2=-256(load case 6), 7=-256(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1701/942, 3-4=-1394/793, 4-5=-1202/776, 5-6=-1394/793, 6-7=-1700/942, 7-8=0/35
BOT CHORD 2-11=-691/1455, 10-11=-436/1201, 9-10=-436/1201, 7-9=-691/1454
WEBS 3-11=-292/289, 4-11=-78/335, 5-11=-144/145, 5-9=-78/335, 6-9=-291/289

JOINT STRESS INDEX
2 = 0.90, 3 = 0.33, 4 = 0.64, 5 = 0.62, 6 = 0.33, 7 = 0.86, 9 = 0.34, 10 = 0.42 and 11 = 0.56

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917154
L235554	T11	HIP	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 256 lb uplift at joint 2 and 256 lb uplift at joint 7.

LOAD CASE(S) Standard

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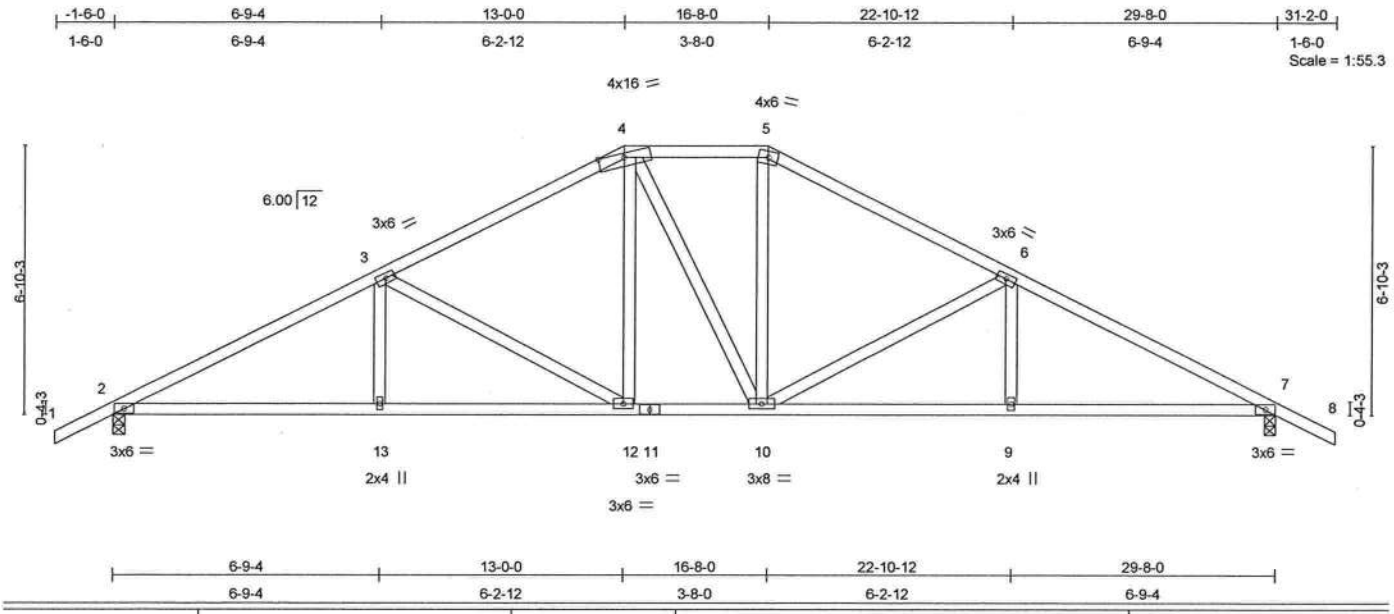
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917155
L235554	T12	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:04 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	0.10	12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.17	12-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.44	Horz(TL)	0.07	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 157 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 4-6-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-8-2 oc bracing.

REACTIONS (lb/size) 2=1029/0-3-8, 7=1029/0-3-8
Max Horz 2=-104(load case 7)
Max Uplift 2=-268(load case 6), 7=-268(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/35, 2-3=-1720/922, 3-4=-1247/756, 4-5=-1048/742, 5-6=-1247/756, 6-7=-1719/922, 7-8=0/35
BOT CHORD	2-13=-665/1460, 12-13=-665/1460, 11-12=-351/1047, 10-11=-351/1047, 9-10=-665/1459, 7-9=-665/1459
WEBS	3-13=0/218, 3-12=-477/361, 4-12=-142/295, 4-10=-150/153, 5-10=-142/295, 6-10=-476/360, 6-9=0/217

JOINT STRESS INDEX

2 = 0.73, 3 = 0.39, 4 = 0.79, 5 = 0.58, 6 = 0.39, 7 = 0.73, 9 = 0.33, 10 = 0.60, 11 = 0.35, 12 = 0.34 and 13 = 0.33

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917155
L235554	T12	HIP	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 268 lb uplift at joint 2 and 268 lb uplift at joint 7.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917156
L235554	T13	COMMON	3	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:05 2007 Page 1

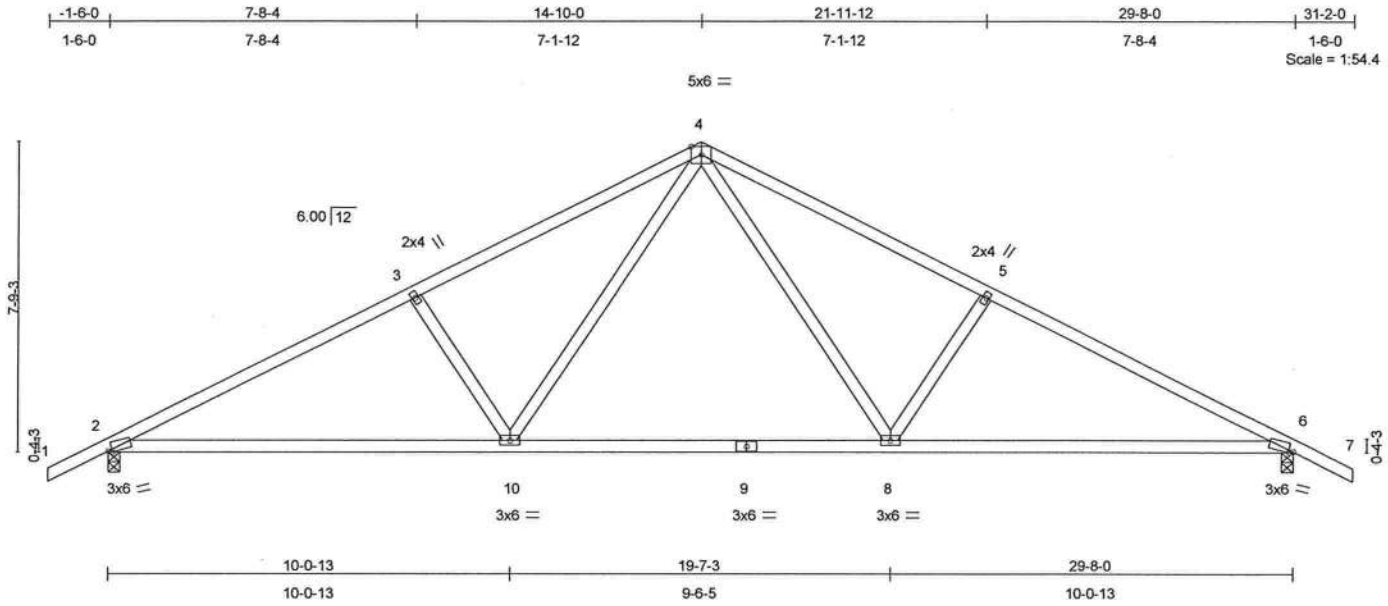

Plate Offsets (X,Y): [2:0-1-5,0-0-7], [6:0-1-5,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.39	Vert(LL)	-0.21	6-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.42	6-8	>843	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.42	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 137 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 4-4-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-7-3 oc bracing.

REACTIONS (lb/size) 2=1029/0-3-8, 6=1029/0-3-8
Max Horz 2=114(load case 6)
Max Uplift 2=-277(load case 6), 6=-277(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1663/926, 3-4=-1442/916, 4-5=-1442/916, 5-6=-1663/926, 6-7=0/35
BOT CHORD 2-10=-657/1405, 9-10=-300/943, 8-9=-300/943, 6-8=-657/1405
WEBS 3-10=-384/363, 4-10=-300/516, 4-8=-300/516, 5-8=-384/363

JOINT STRESS INDEX
2 = 0.74, 3 = 0.33, 4 = 0.65, 5 = 0.33, 6 = 0.74, 8 = 0.41, 9 = 0.34 and 10 = 0.41

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	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917156
L235554	T13	COMMON	3	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 277 lb uplift at joint 2 and 277 lb uplift at joint 6.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917157
L235554	T14	COMMON	1	1	Job Reference (optional)

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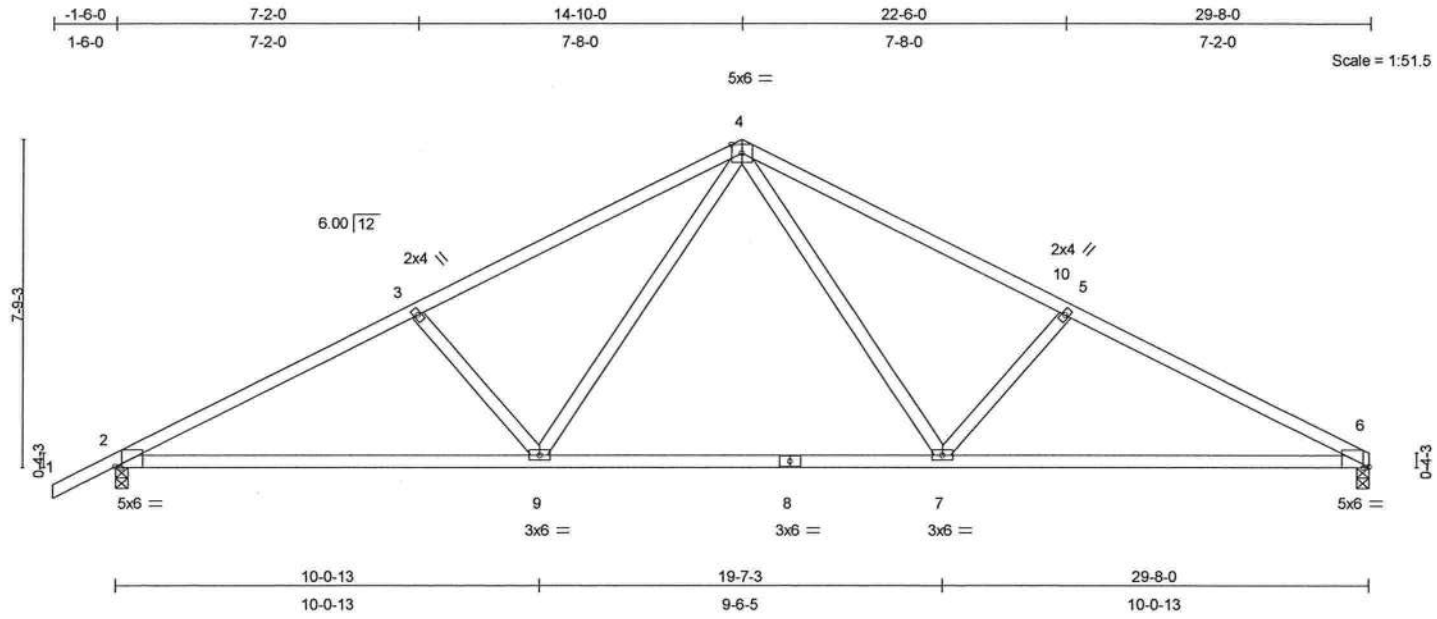

Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.87	Vert(LL)	0.27	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.53	6-7	>669	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.58	Horz(TL)	0.07	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 135 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 3-0-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-10-13 oc bracing.

REACTIONS (lb/size) 6=1292/0-3-8, 2=1084/0-3-8
Max Horz 2=124(load case 6)
Max Uplift 6=-303(load case 7), 2=-292(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1805/1020, 3-4=-1550/966, 4-10=-1685/1061, 5-10=-1715/1041, 5-6=-2191/1225
BOT CHORD 2-9=-808/1539, 8-9=-430/1055, 7-8=-430/1055, 6-7=-975/1809
WEBS 3-9=-396/369, 4-9=-262/480, 4-7=-413/717, 5-7=-616/502

JOINT STRESS INDEX
2 = 0.69, 3 = 0.34, 4 = 0.77, 5 = 0.34, 6 = 0.69, 7 = 0.55, 8 = 0.37 and 9 = 0.55

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 303 lb uplift at joint 6 and 292 lb uplift at joint 2.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917157
L235554	T14	COMMON	1	1	Job Reference (optional)

NOTES

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

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

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-10=-54, 6-10=-108(F=-54), 2-6=-10

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917158
L235554	T15	COMMON	2	1	Job Reference (optional)

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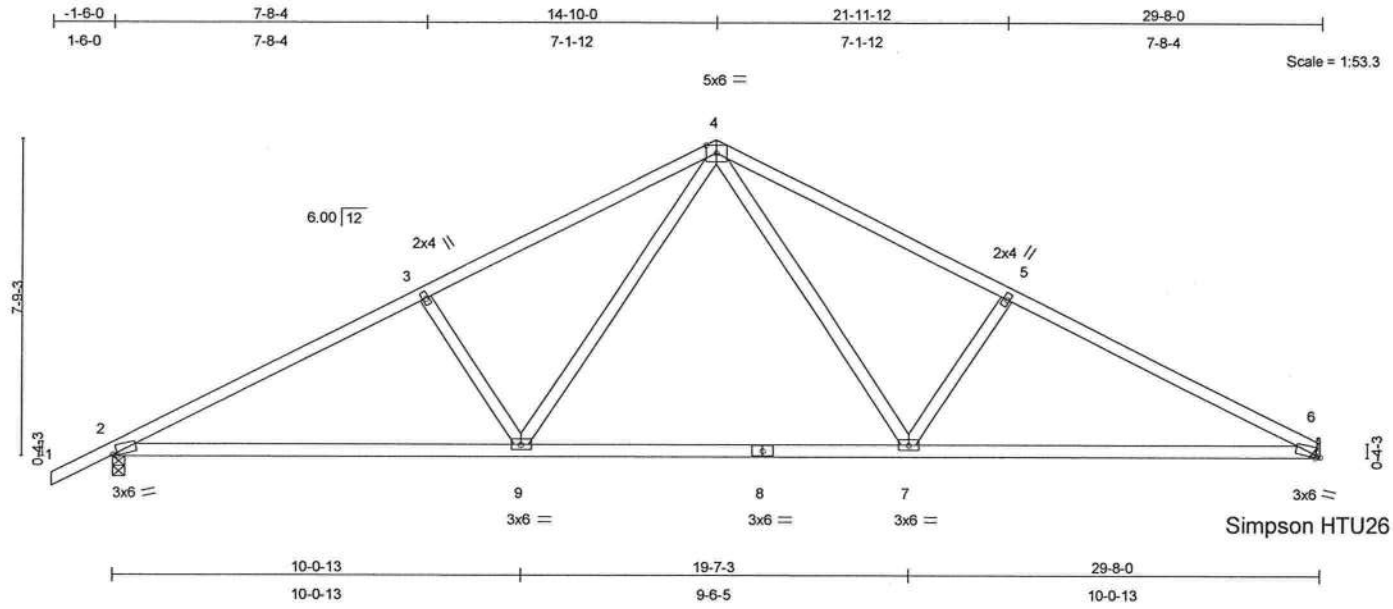

Plate Offsets (X,Y): [2:0-1-5,0-0-7], [6:0-1-5,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	-0.21	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.43	6-7	>819	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.06	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 135 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 4-3-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-11-6 oc bracing.

REACTIONS (lb/size) 6=938/Mechanical, 2=1031/0-3-8
Max Horz 2=124(load case 6)
Max Uplift 6=-205(load case 7), 2=-277(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1668/934, 3-4=-1447/925, 4-5=-1457/940, 5-6=-1679/951
BOT CHORD 2-9=-722/1410, 8-9=-365/948, 7-8=-365/948, 6-7=-742/1422
WEBS 3-9=-384/364, 4-9=-298/516, 4-7=-323/530, 5-7=-391/375

JOINT STRESS INDEX
2 = 0.84, 3 = 0.33, 4 = 0.64, 5 = 0.33, 6 = 0.84, 7 = 0.41, 8 = 0.34 and 9 = 0.41

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	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917158
L235554	T15	COMMON	2	1	Job Reference (optional)

NOTES

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 205 lb uplift at joint 6 and 277 lb uplift at joint 2.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917159
L235554	T16	HIP	1	1	Job Reference (optional)

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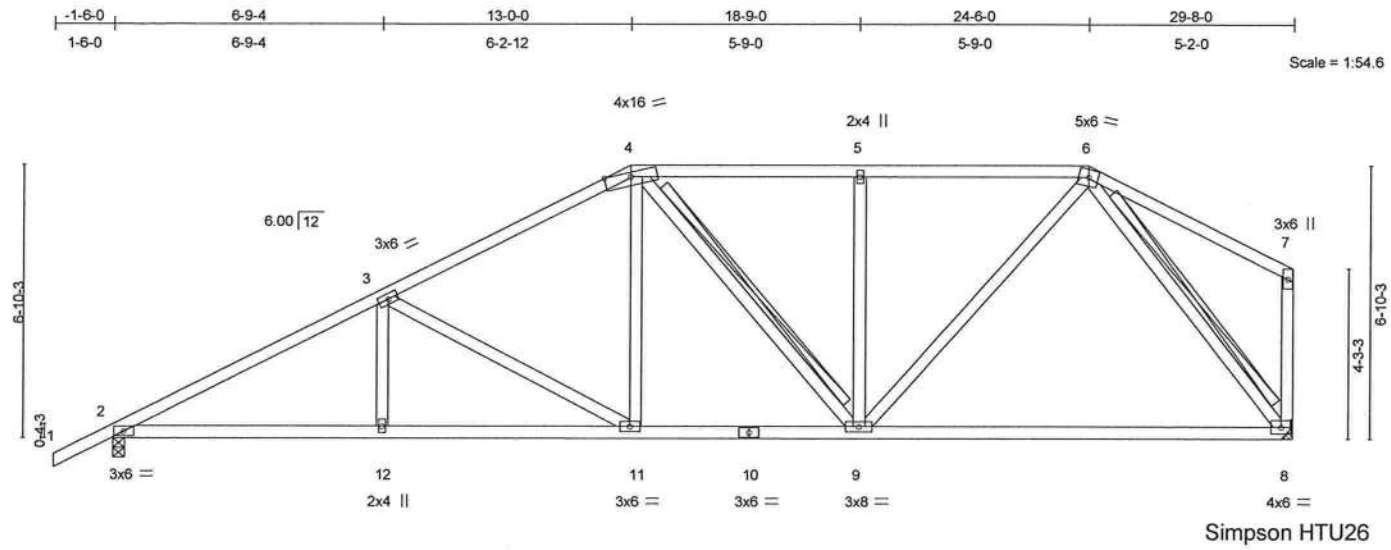

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.88	Vert(LL)	-0.26	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.58	Vert(TL)	-0.47	8-9	>754	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.43	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 170 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 4-6-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-13 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-9, 6-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1031/0-3-8, 8=938/Mechanical
Max Horz 2=195(load case 6)
Max Uplift 2=-263(load case 6), 8=-153(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1723/878, 3-4=-1255/718, 4-5=-1007/648, 5-6=-1007/648, 6-7=-106/82, 7-8=-147/128
BOT CHORD 2-12=-888/1462, 11-12=-888/1462, 10-11=-583/1058, 9-10=-583/1058, 8-9=-330/607
WEBS 3-12=0/222, 3-11=-467/350, 4-11=-140/292, 4-9=-96/95, 5-9=-324/204, 6-9=-288/645, 6-8=-927/532

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JOINT STRESS INDEX
2 = 0.74, 3 = 0.39, 4 = 0.98, 5 = 0.33, 6 = 0.47, 7 = 0.24, 8 = 0.73, 9 = 0.63, 10 = 0.34, 11 = 0.34 and 12 = 0.33

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917159
L235554	T16	HIP	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 263 lb uplift at joint 2 and 153 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917160
L235554	T17	HIP	1	1	Job Reference (optional)

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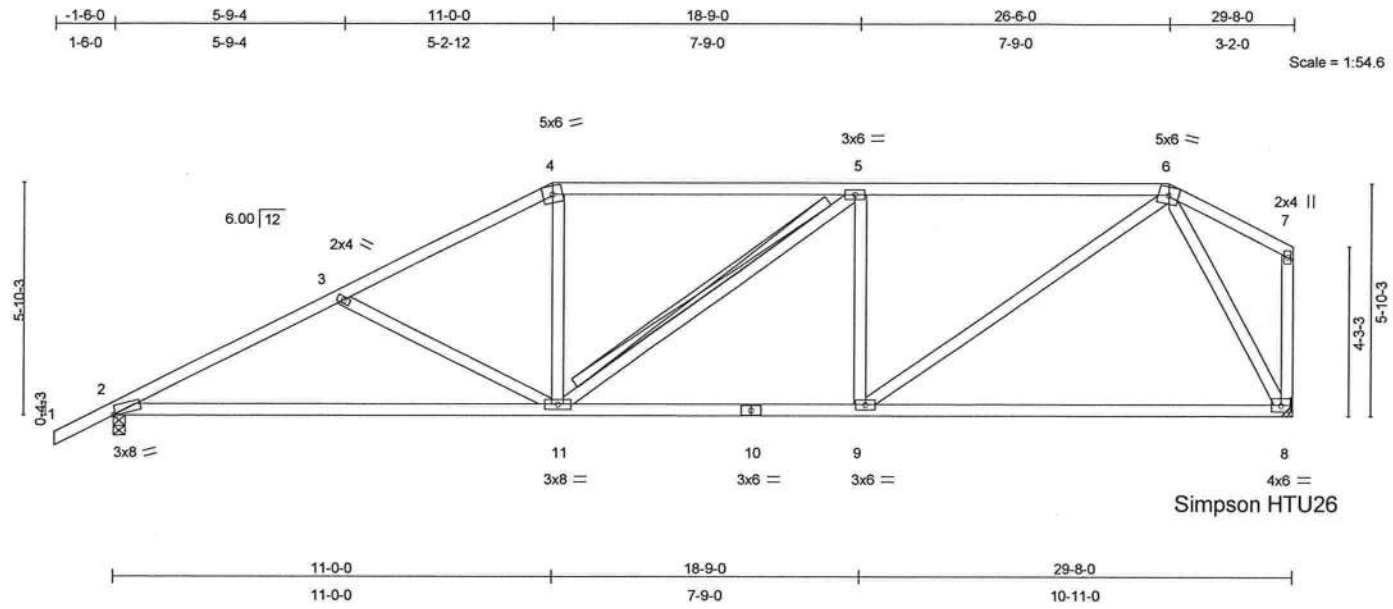

Plate Offsets (X,Y): [2:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.90	Vert(LL)	-0.32	2-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.60	Vert(TL)	-0.59	2-11	>597	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.75	Horz(TL)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 160 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 4-7-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-6-12 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-11
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1031/0-3-8, 8=938/Mechanical
Max Horz 2=183(load case 6)
Max Uplift 2=-251(load case 6), 8=-189(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1708/905, 3-4=-1399/755, 4-5=-1204/741, 5-6=-1215/723, 6-7=-101/33, 7-8=-71/28
BOT CHORD 2-11=-921/1462, 10-11=-645/1215, 9-10=-645/1215, 8-9=-269/486
WEBS 3-11=-297/291, 4-11=-64/341, 5-11=-160/88, 5-9=-442/325, 6-9=-463/912, 6-8=-962/591

JOINT STRESS INDEX
2 = 0.89, 3 = 0.33, 4 = 0.58, 5 = 0.34, 6 = 0.64, 7 = 0.71, 8 = 0.75, 9 = 0.52, 10 = 0.40 and 11 = 0.56

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917160
L235554	T17	HIP	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 251 lb uplift at joint 2 and 189 lb uplift at joint 8.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917161
L235554	T18	HIP	1	1	Job Reference (optional)

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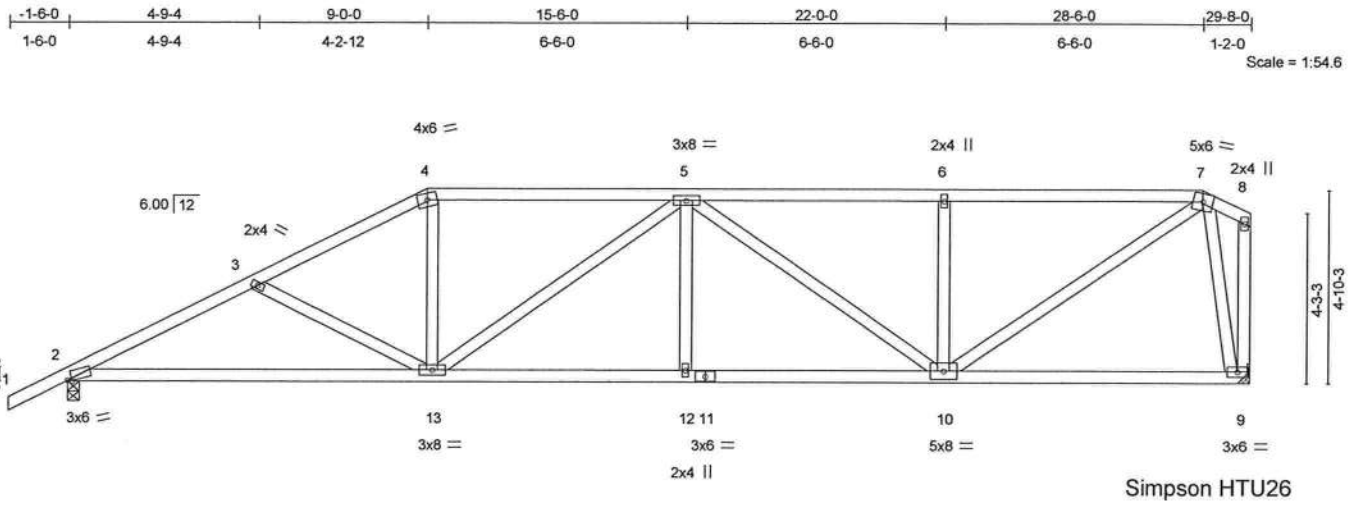

Plate Offsets (X,Y): [2:0-1-5,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	-0.15	2-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.52	Vert(TL)	-0.29	2-13	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.06	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 165 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 4-7-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-0 oc bracing.

REACTIONS (lb/size) 2=1031/0-3-8, 9=938/Mechanical
Max Horz 2=171(load case 6)
Max Uplift 2=-237(load case 6), 9=-233(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-1741/901, 3-4=-1508/793, 4-5=-1319/768, 5-6=-1201/665, 6-7=-1201/665, 7-8=-50/50, 8-9=-80/106
BOT CHORD 2-13=-927/1494, 12-13=-846/1550, 11-12=-846/1550, 10-11=-846/1550, 9-10=-132/238
WEBS 3-13=-209/214, 4-13=-121/387, 5-13=-383/143, 5-12=0/165, 5-10=-428/254, 6-10=-357/257, 7-10=-618/1177, 7-9=-1008/615

JOINT STRESS INDEX
2 = 0.79, 3 = 0.33, 4 = 0.64, 5 = 0.56, 6 = 0.33, 7 = 0.51, 8 = 0.47, 9 = 0.64, 10 = 0.53, 11 = 0.50, 12 = 0.33 and 13 = 0.56

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.

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Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917161
L235554	T18	HIP	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 237 lb uplift at joint 2 and 233 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917162
L235554	T19	MONO HIP	1	2	Job Reference (optional)

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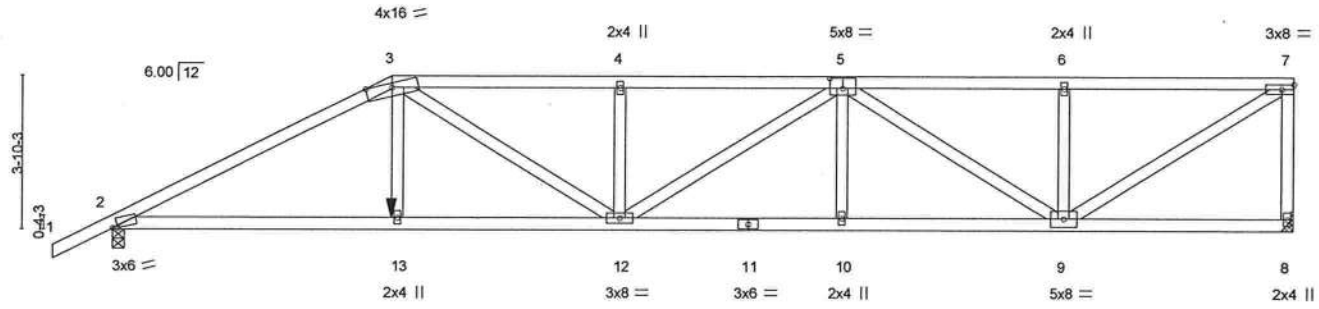
Scale = 1:54.6



Simpson HGUS26-2

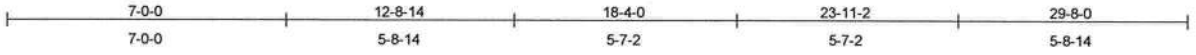


Plate Offsets (X,Y): [2:0-1-9,0-0-7], [5:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.14	10-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.28	10-12	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.51	Horz(TL)	0.08	8	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

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) 8=2081/Mechanical, 2=1993/0-3-8
Max Horz 2=150(load case 5)
Max Uplift 8=-717(load case 4), 2=-611(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-3815/1249, 3-4=-4399/1520, 4-5=-4399/1520, 5-6=-2755/950, 6-7=-2755/950, 7-8=-2005/742
BOT CHORD 2-13=-1143/3322, 12-13=-1148/3343, 11-12=-1443/4185, 10-11=-1443/4185, 9-10=-1443/4185, 8-9=-32/92
WEBS 3-13=-110/521, 3-12=-490/1240, 4-12=-669/369, 5-12=-102/253, 5-10=0/234, 5-9=-1695/585, 6-9=-680/359, 7-9=-1088/3155

JOINT STRESS INDEX
2 = 0.78, 3 = 0.84, 4 = 0.33, 5 = 0.34, 6 = 0.33, 7 = 0.55, 8 = 0.62, 9 = 0.71, 10 = 0.33, 11 = 0.71, 12 = 0.57 and 13 = 0.33

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917162
L235554	T19	MONO HIP	1	2	Job Reference (optional)

NOTES

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
4) Provide adequate drainage to prevent water ponding.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 717 lb uplift at joint 8 and 611 lb uplift at joint 2.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-7=-118(F=-64), 2-13=-10, 8-13=-22(F=-12)
   Concentrated Loads (lb)
   Vert: 13=-411(F)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917163
L235554	T20	SPECIAL	1	3	Job Reference (optional)

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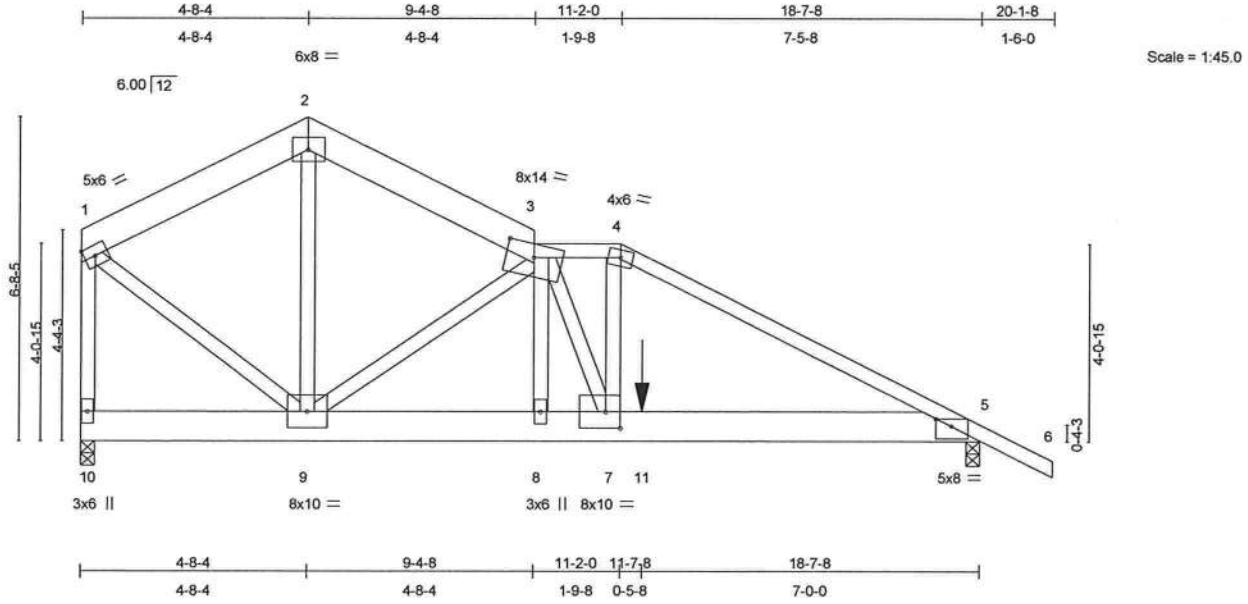

Plate Offsets (X,Y): [3:0-7-0,0-3-7], [5:0-4-0,0-1-15], [7:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.24	Vert(LL)	-0.06	7	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.30	Vert(TL)	-0.11	5-7	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.40	Horz(TL)	0.02	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 458 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2 *Except* 1-2 2 X 8 SYP 2400F 2.0E, 2-3 2 X 8 SYP No.1D
BOT CHORD	2 X 8 SYP No.1D
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) 10=4814/0-3-8, 5=3557/0-3-8
Max Horz 10=-192(load case 6)
Max Uplift 10=-1301(load case 6), 5=-1005(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-3354/932, 2-3=-3329/909, 3-4=-6445/1783, 4-5=-7156/1909, 5-6=0/41, 1-10=-3979/1085
BOT CHORD	9-10=0/174, 8-9=-1545/6195, 7-8=-1555/6233, 7-11=-1595/6336, 5-11=-1595/6336
WEBS	2-9=-691/2633, 3-9=-4102/1164, 3-8=-309/965, 3-7=-178/662, 4-7=-652/2524, 1-9=-1032/3774

JOINT STRESS INDEX
1 = 0.39, 2 = 0.25, 3 = 0.19, 4 = 0.50, 5 = 0.52, 7 = 0.17, 8 = 0.15, 9 = 0.35 and 10 = 0.23

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917163
L235554	T20	SPECIAL	1	3	Job Reference (optional)

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NOTES

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1301 lb uplift at joint 10 and 1005 lb uplift at joint 5.
9) Girder carries tie-in span(s): 29-8-0 from 0-0-0 to 11-7-8

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-3=-54, 3-4=-54, 4-6=-54, 10-11=-448(F=-438), 5-11=-10
   Concentrated Loads (lb)
   Vert: 11=-2081(F)

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917164
L235554	T21	SPECIAL	1	1	Job Reference (optional)

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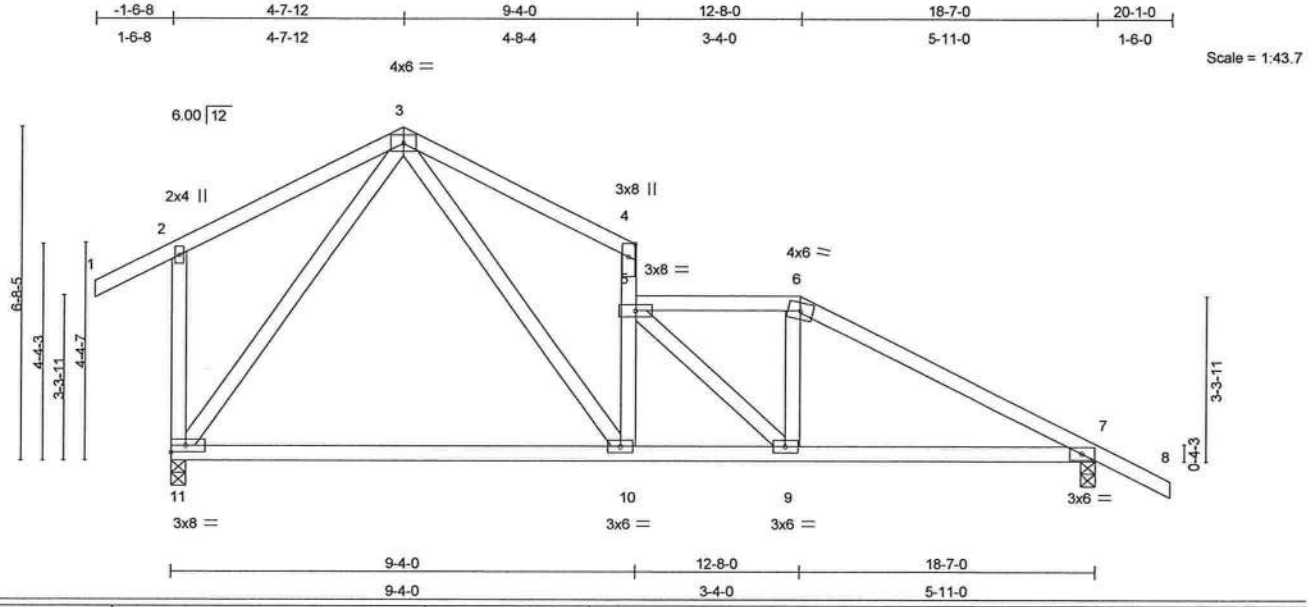

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.92	Vert(LL)	-0.16	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.33	Vert(TL)	-0.31	10-11	>701	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2
WEBS	2 X 4 SYP No.3 *Except* 4-10 2 X 4 SYP No.2, 2-11 2 X 4 SYP No.2

BRACING

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 7=674/0-3-8, 11=677/0-3-8
Max Horz 11=-122(load case 4)
Max Uplift 7=-232(load case 7), 11=-148(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/41, 2-3=-95/244, 3-4=-853/582, 5-10=-497/346, 4-5=-517/376, 5-6=-809/559, 6-7=-974/557, 7-8=0/35, 2-11=-244/339
BOT CHORD	10-11=-53/296, 9-10=-364/811, 7-9=-349/806
WEBS	3-10=-387/694, 5-9=-37/32, 6-9=0/124, 3-11=-463/131

JOINT STRESS INDEX
2 = 0.54, 3 = 0.54, 4 = 0.77, 5 = 0.81, 6 = 0.72, 7 = 0.44, 9 = 0.35, 10 = 0.70 and 11 = 0.53

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) -1-6-0 to 20-1-8 zone; end vertical 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) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917164
L235554	T21	SPECIAL	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint 7 and 148 lb uplift at joint 11.

LOAD CASE(S) Standard

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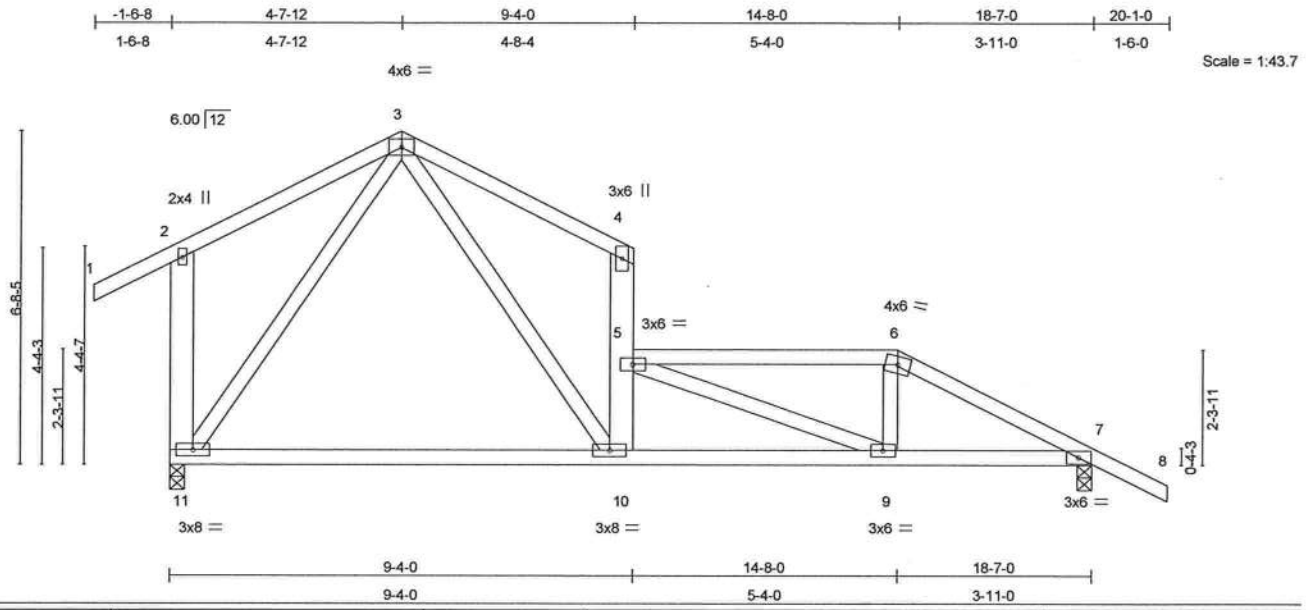
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917165
L235554	T22	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Tue Dec 11 13:43:12 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.90	Vert(LL)	0.22	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.34	Vert(TL)	-0.33	10-11	>669	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.02	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 114 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
4-10 2 X 6 SYP No.1D, 2-11 2 X 6 SYP No.1D

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-10-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-11 oc bracing.

REACTIONS (lb/size) 7=671/0-3-8, 11=679/0-3-8
Max Horz 11=160(load case 6)
Max Uplift 7=-241(load case 7), 11=-144(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/43, 2-3=-102/241, 3-4=-811/523, 5-10=-474/312, 4-5=-492/345, 5-6=-906/584, 6-7=-1048/602, 7-8=0/35, 2-11=-249/338
BOT CHORD 10-11=-134/290, 9-10=-766/1321, 7-9=-418/893
WEBS 3-10=-324/658, 5-9=-443/365, 6-9=-74/233, 3-11=-444/108

JOINT STRESS INDEX

2 = 0.46, 3 = 0.51, 4 = 0.78, 5 = 0.44, 6 = 0.55, 7 = 0.46, 9 = 0.34, 10 = 0.69 and 11 = 0.69

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) -1-6-0 to 20-1-8 zone; end vertical 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) Provide adequate drainage to prevent water ponding.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917165
L235554	T22	SPECIAL	1	1	Job Reference (optional)

NOTES

4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 241 lb uplift at joint 7 and 144 lb uplift at joint 11.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917166
L235554	T23	SPECIAL	1	2	Job Reference (optional)

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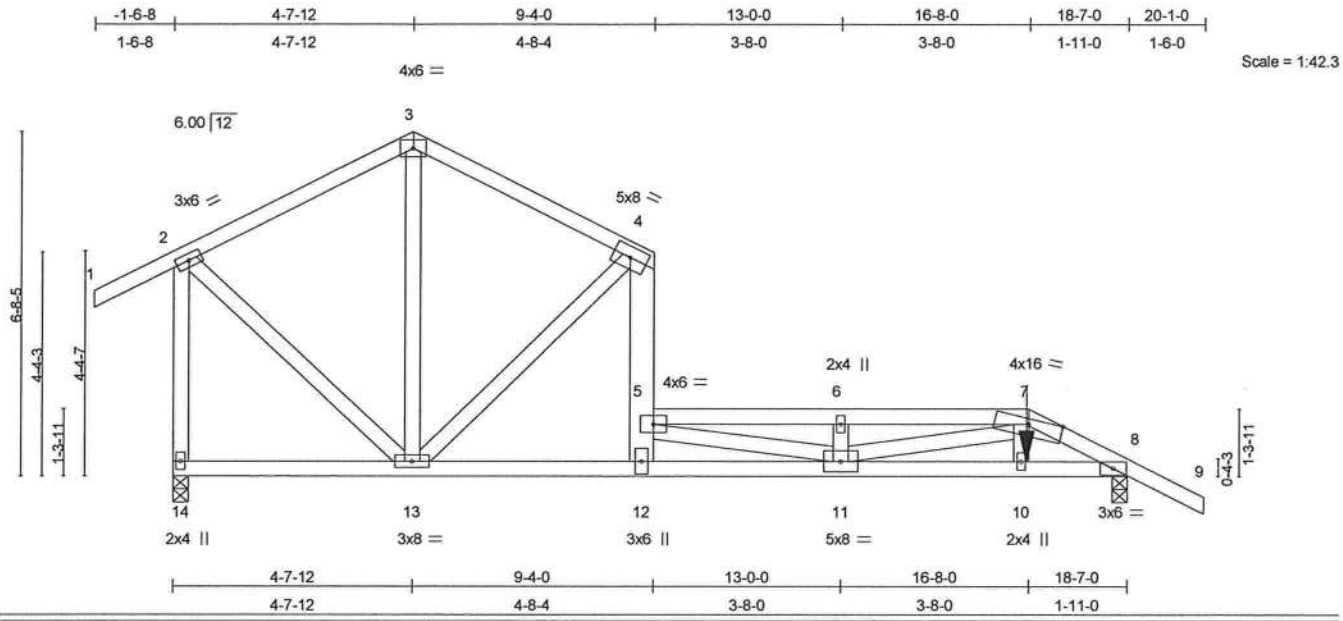

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.63	Vert(LL)	-0.16	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.31	12-13	>698	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.21	Horz(TL)	0.02	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 233 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
4-12 2 X 6 SYP No.1D, 2-14 2 X 4 SYP No.1D

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 13-14.

REACTIONS (lb/size) 14=687/0-3-8, 8=711/0-3-8
Max Horz 14=220(load case 5)
Max Uplift 14=-140(load case 5), 8=-265(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/41, 2-3=-428/138, 3-4=-444/134, 5-12=-35/69, 4-5=-49/73, 5-6=-2237/700, 6-7=-2237/700, 7-8=-1141/312, 8-9=0/35, 2-14=-688/163
BOT CHORD 13-14=-166/8, 12-13=-193/635, 11-12=-794/2594, 10-11=-208/979, 8-10=-211/971
WEBS 3-13=-58/214, 5-11=-368/174, 6-11=-249/108, 7-11=-439/1306, 7-10=0/111, 2-13=-46/441, 4-13=-431/100

JOINT STRESS INDEX
2 = 0.41, 3 = 0.25, 4 = 0.40, 5 = 0.32, 6 = 0.34, 7 = 0.40, 8 = 0.25, 10 = 0.34, 11 = 0.30, 12 = 0.64, 13 = 0.57 and 14 = 0.34

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917166
L235554	T23	SPECIAL	1	2	Job Reference (optional)

NOTES

4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 14 and 265 lb uplift at joint 8.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-54, 2-3=-54, 3-4=-54, 5-7=-57(F=-3), 7-9=-54, 12-14=-10, 10-12=-11(F=-1), 8-10=-10
   Concentrated Loads (lb)
   Vert: 10=-21(F)

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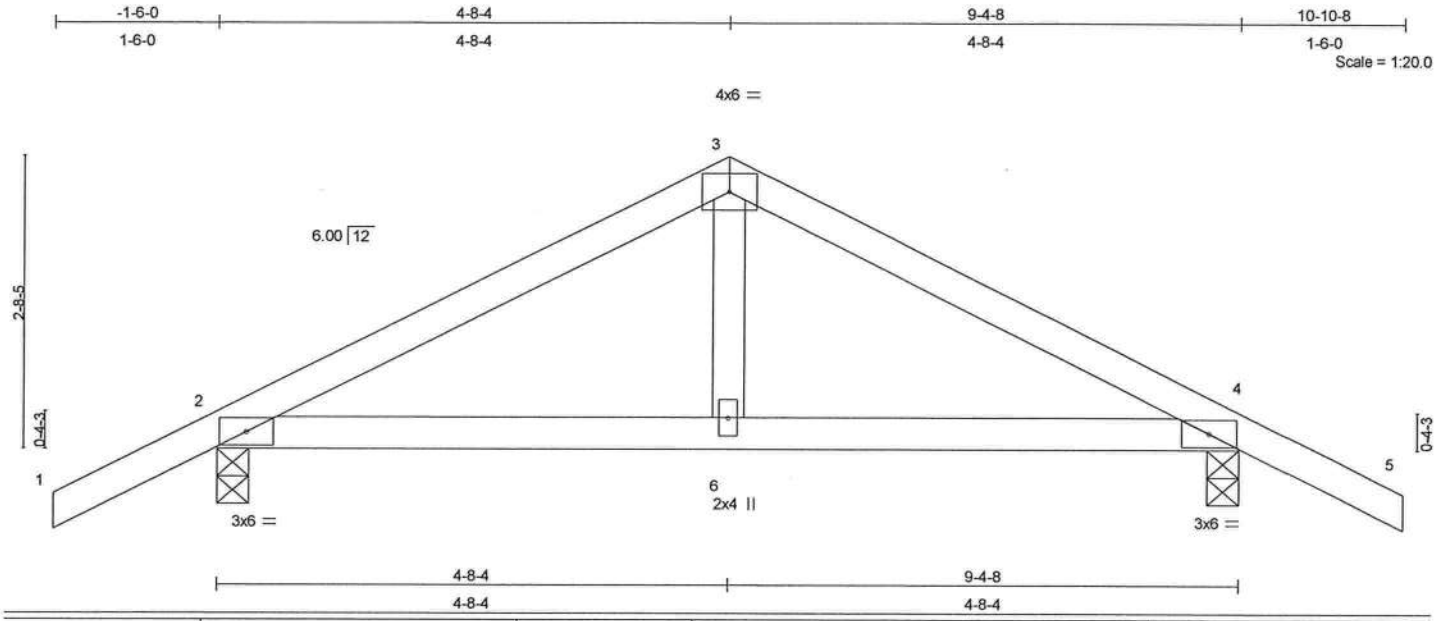
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917167
L235554	T24	COMMON	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 15:51:23 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	0.03	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.12	Vert(TL)	-0.02	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 38 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 9-11-10 oc bracing.

REACTIONS (lb/size) 2=380/0-3-8, 4=380/0-3-8
Max Horz 2=54(load case 6)
Max Uplift 2=-253(load case 6), 4=-253(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/35, 2-3=-388/586, 3-4=-388/586, 4-5=0/35
BOT CHORD 2-6=-386/296, 4-6=-386/296
WEBS 3-6=-277/153

JOINT STRESS INDEX
2 = 0.35, 3 = 0.56, 4 = 0.35 and 6 = 0.11

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=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
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 253 lb uplift at joint 2 and 253 lb uplift at joint 4.

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LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917168
L235554	T25	HIP	1	1	Job Reference (optional)

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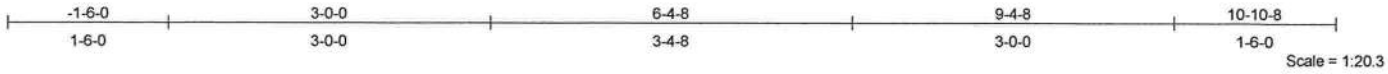

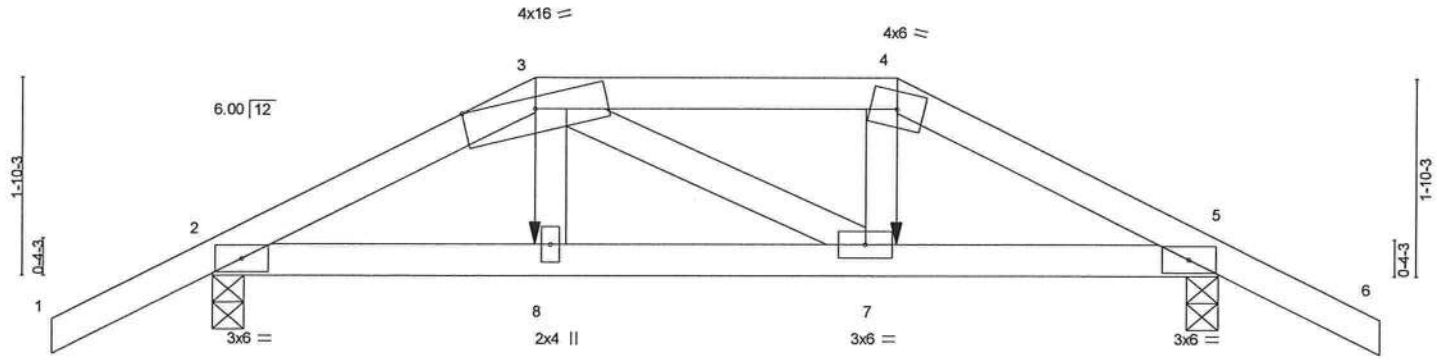

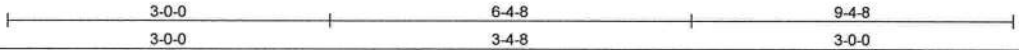

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.16	Vert(LL)	-0.01	7-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.13	Vert(TL)	-0.02	7-8	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.04	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 43 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 2=446/0-3-8, 5=446/0-3-8
Max Horz 2=-45(load case 6)
Max Uplift 2=-271(load case 5), 5=-271(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/35, 2-3=-570/303, 3-4=-475/288, 4-5=-570/303, 5-6=0/35
BOT CHORD	2-8=-245/468, 7-8=-252/475, 5-7=-234/468
WEBS	3-8=-81/113, 3-7=-32/32, 4-7=-82/113

JOINT STRESS INDEX
2 = 0.31, 3 = 0.28, 4 = 0.19, 5 = 0.31, 7 = 0.07 and 8 = 0.08

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 271 lb uplift at joint 2 and 271 lb uplift at joint 5.
7) Girder carries hip end with 3-0-0 end setback.

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December 12,2007

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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=-64(F=-10), 4-6=-54, 2-8=-10, 7-8=-12(F=-2), 5-7=-10
   Concentrated Loads (lb)
      Vert: 8=-48(F) 7=-48(F)

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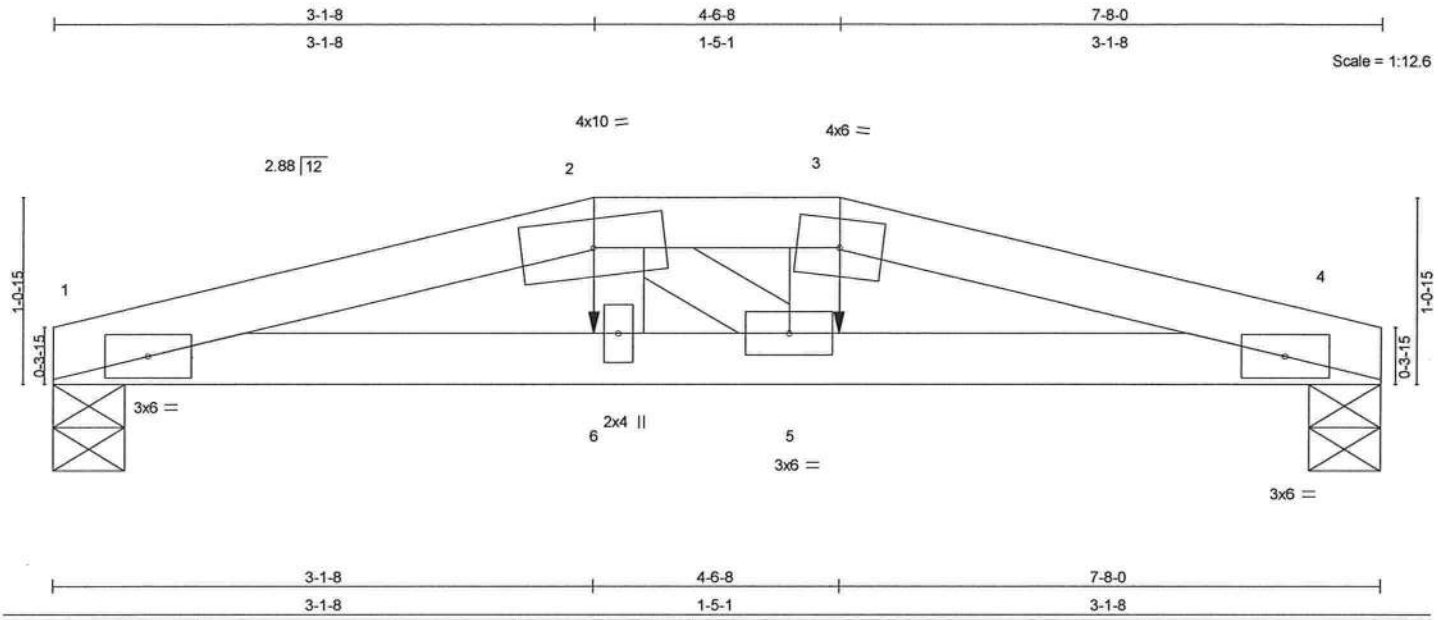
Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917169
L235554	T26	HIP	1	2	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Dec 12 15:53:51 2007 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.09	Vert(LL)	-0.02	6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.23	Vert(TL)	-0.04	6	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 52 lb	

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

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

REACTIONS (lb/size) 1=625/0-4-15, 4=625/0-4-15
Max Horz 1=-9(load case 6)
Max Uplift 1=-169(load case 3), 4=-169(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1515/406, 2-3=-1494/411, 3-4=-1519/406
BOT CHORD 1-6=-385/1444, 5-6=-395/1489, 4-5=-378/1449
WEBS 2-6=-52/247, 2-5=-70/80, 3-5=-63/282

JOINT STRESS INDEX
1 = 0.24, 2 = 0.23, 3 = 0.13, 4 = 0.24, 5 = 0.09 and 6 = 0.09

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34836
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

December 12,2007

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB/PRESERVE @ LAUREL LAKE LOT 43 J1917169
L235554	T26	HIP	1	2	Job Reference (optional)

NOTES

6) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 169 lb uplift at joint 1 and 169 lb uplift at joint 4.
9) Girder carries tie-in span(s): 7-0-0 from 0-0-0 to 7-8-0

LOAD CASE(S) Standard

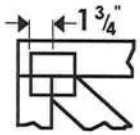
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-65(F=-11), 2-3=-65(F=-11), 3-4=-65(F=-11), 1-4=-92(F=-82)
   Concentrated Loads (lb)
   Vert: 6=-54(F) 5=-54(F)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1389 Coastal Bay Blvd
Boynton Beach, FL 33435

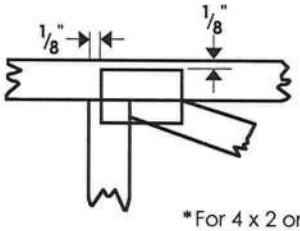
December 12,2007

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.

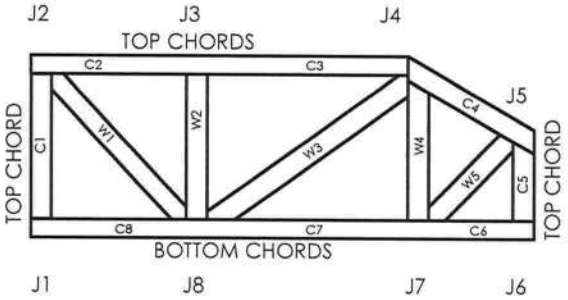
LATERAL BRACING

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"	6' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 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"	6' 0"	6' 8"	6' 8"	8' 3"	8' 8"	10' 4"	10' 4"	12' 11"	13' 7"
		STUD	3' 6"	5' 0"	5' 0"	8' 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' 5"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
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"	6' 11"	6' 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' 5"	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

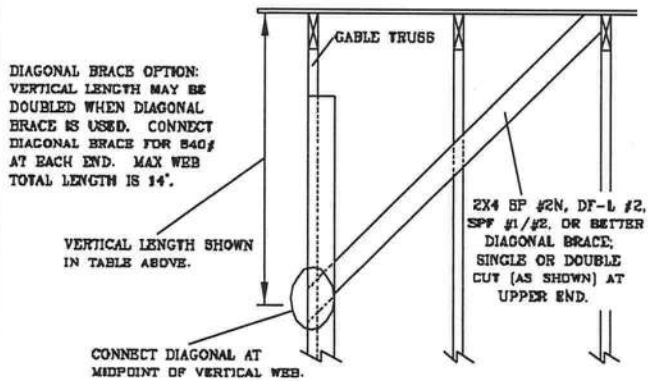
SOUTHERN PINE
#3
STUD
STANDARD

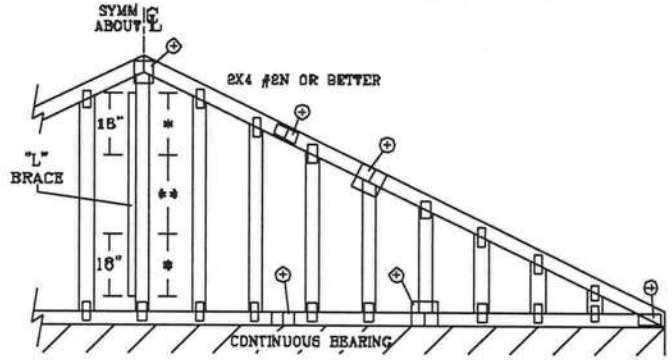
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#3
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

CABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEARING (6 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"	6' 6"	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' 6"	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' 8"
		STUD	3' 3"	4' 6"	4' 6"	5' 11"	5' 11"	7' 10"	8' 0"	9' 3"	9' 3"	12' 3"	12' 8"
		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"	5' 4"	6' 6"	7' 5"	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"	5' 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"	5' 4"	5' 10"	7' 5"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	5' 4"	6' 10"	7' 5"	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"	8' 6"	11' 5"	11' 6"	14' 0"	14' 0"
		STUD	3' 8"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	8' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 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' 5"	8' 3"	8' 11"	9' 10"	10' 7"	12' 11"	13' 11"	14' 0"	14' 0"
		#2	4' 4"	6' 11"	7' 5"	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

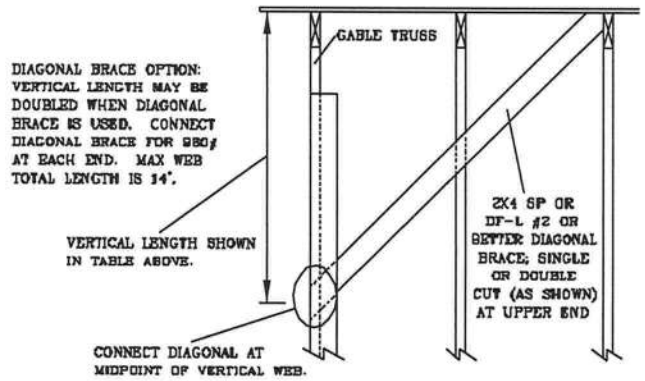
SOUTHERN PINE
#3
STUD
STANDARD

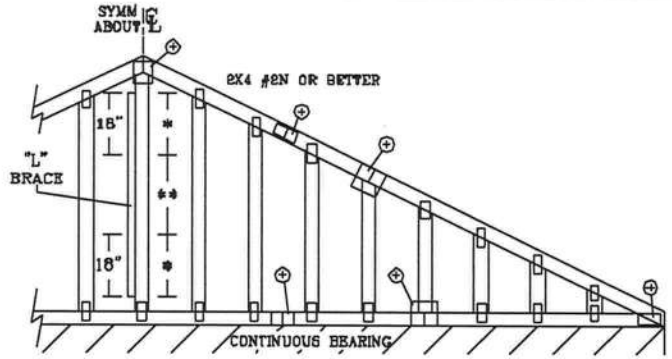
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#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 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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CONS. ENGINEERS P.A.
1456 SW 4th AVENUE
DELRAY BEACH, FL. 33444-2161

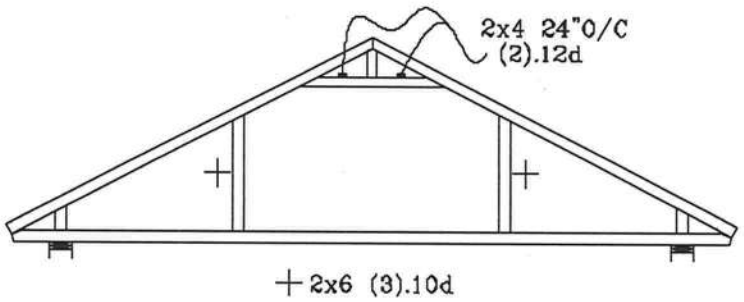
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

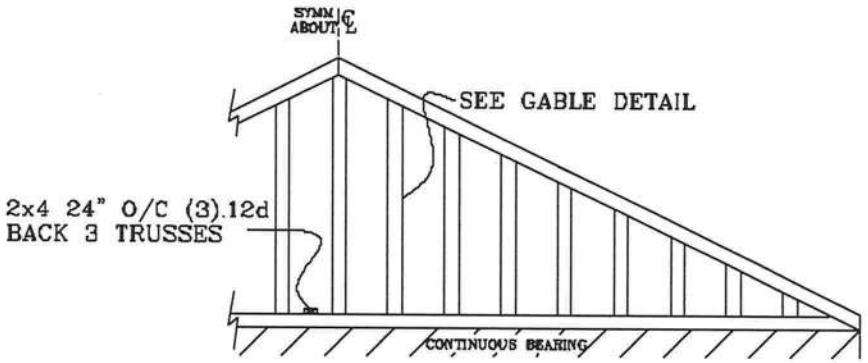
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 90' E W7
-ENG

TYPICAL ATTIC TRUSS BRACING

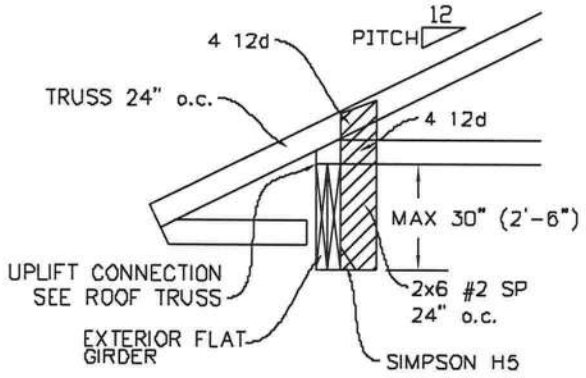


GABLE END TRUSS DETAIL

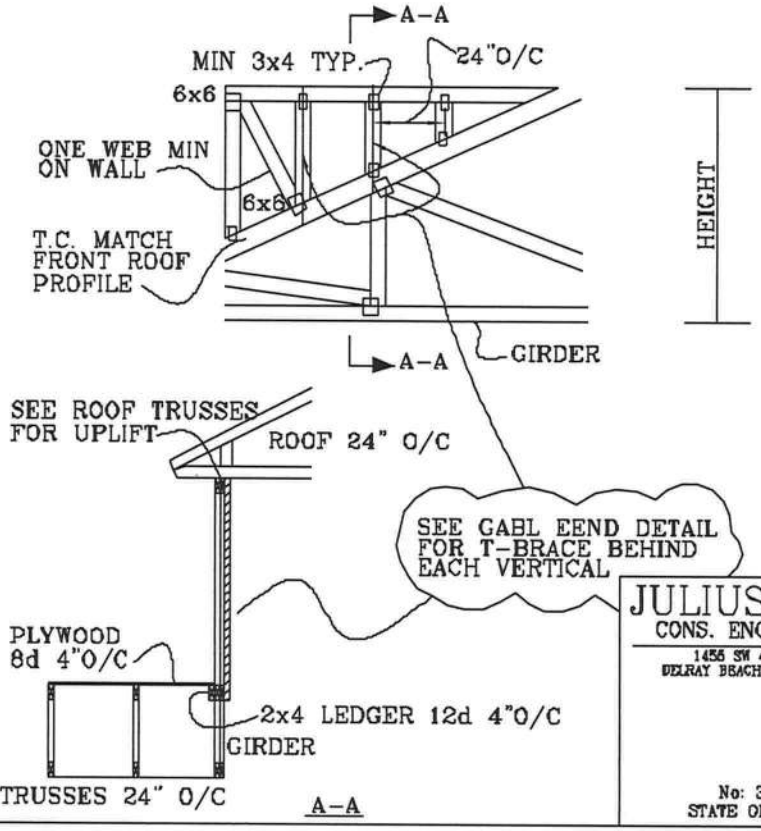


MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



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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.

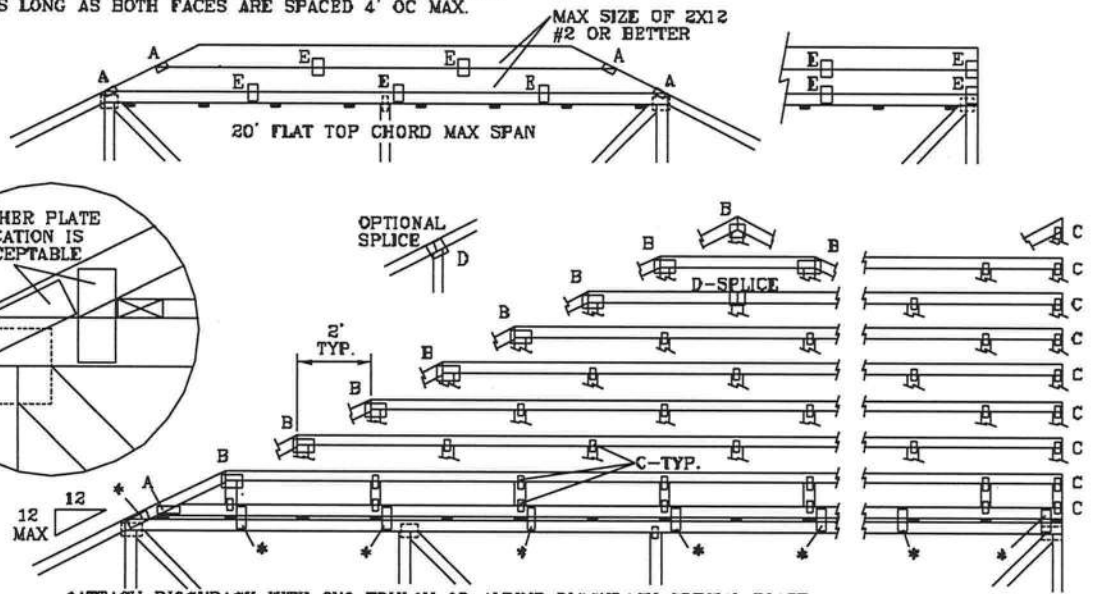
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

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.



*ATTACH PIGGYBACK WITH 3X6 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

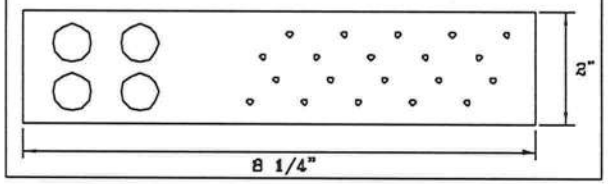
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

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

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

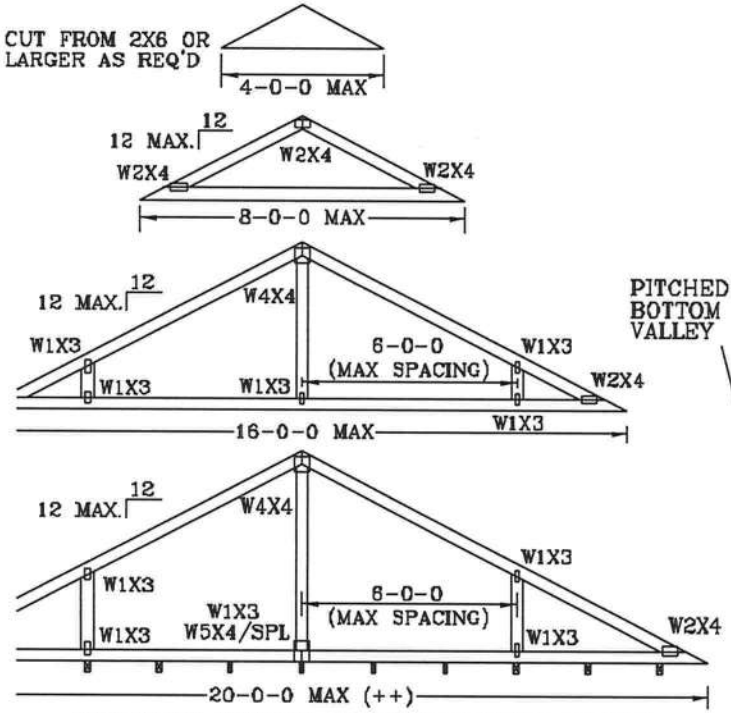
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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.

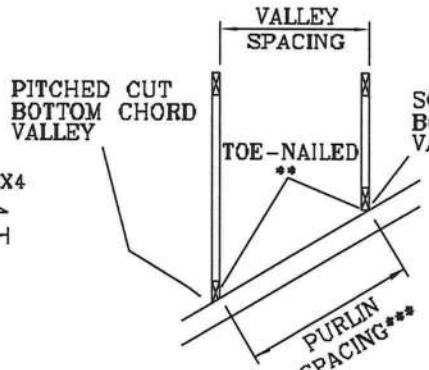
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

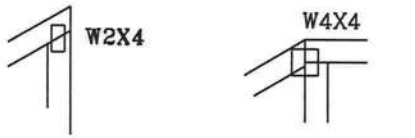
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

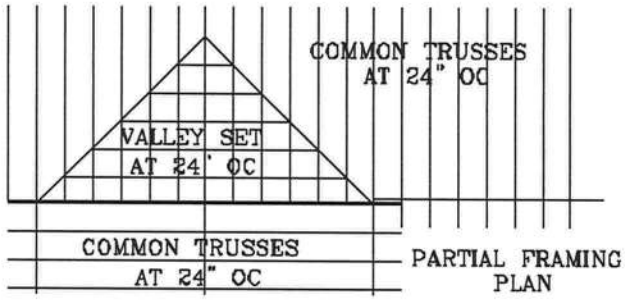
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.







THIS DRAWING REPLACES DRAWING A105

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. 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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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."

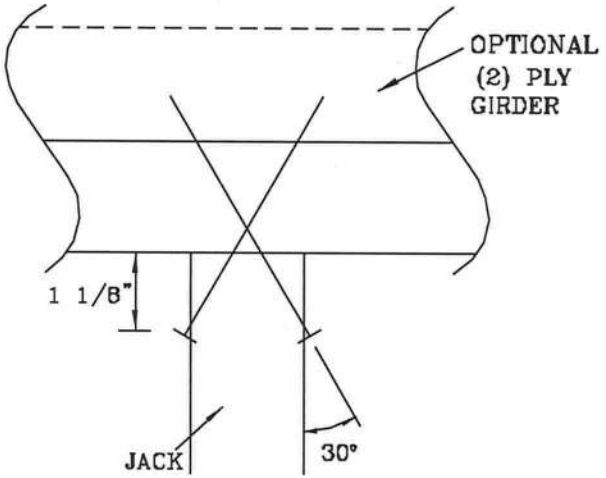
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

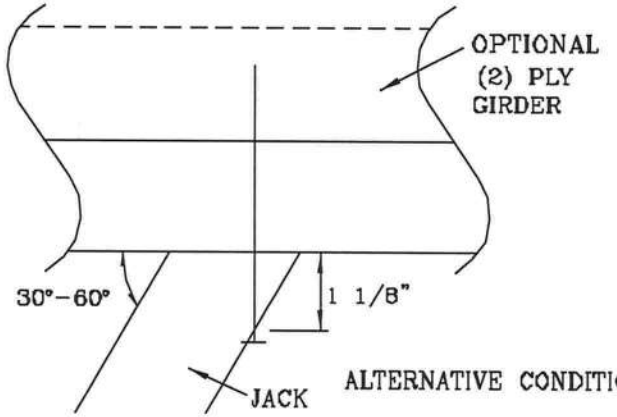
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

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

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CONS. ENGINEERS P.A.
1450 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			

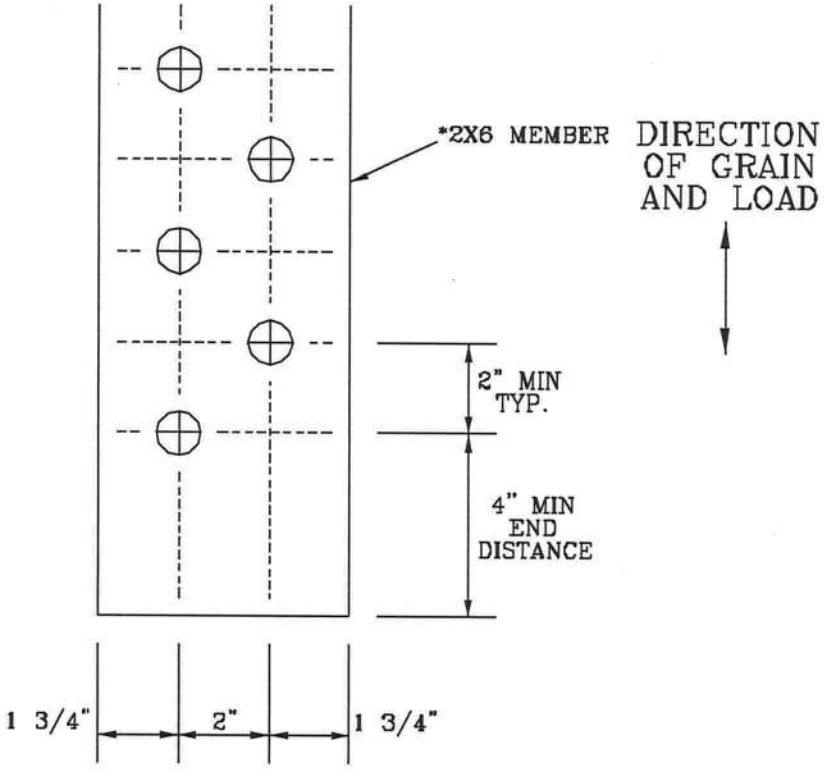
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

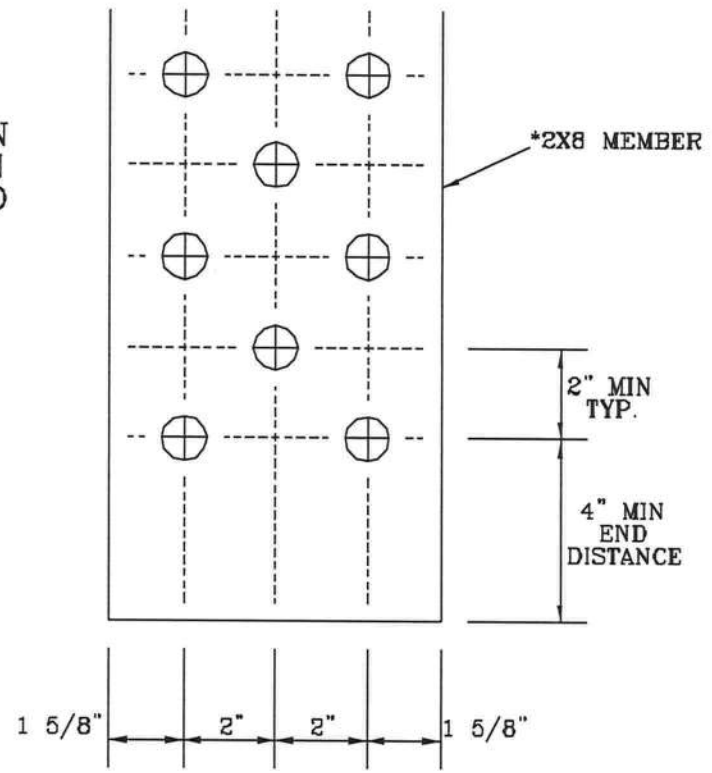
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

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.

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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

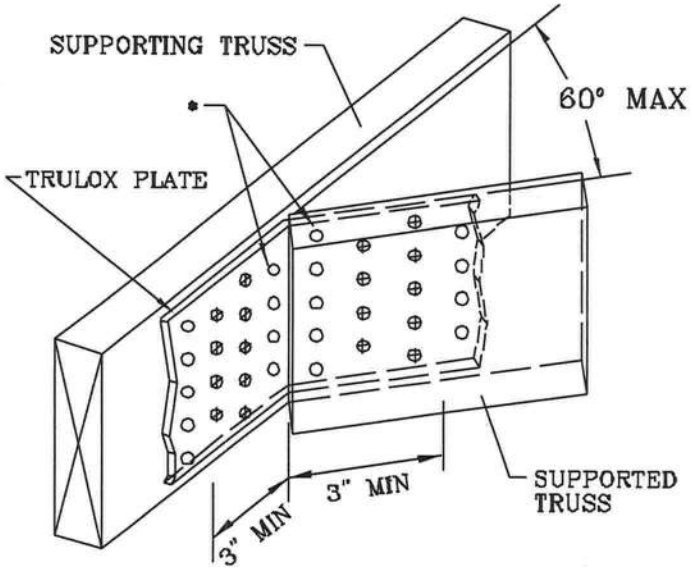
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

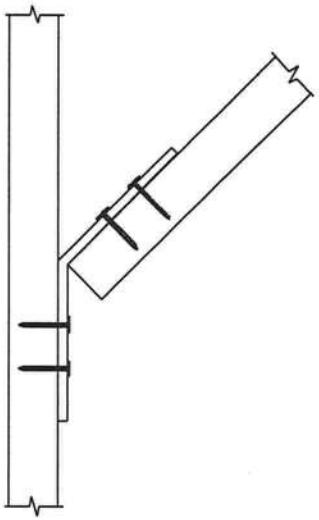
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

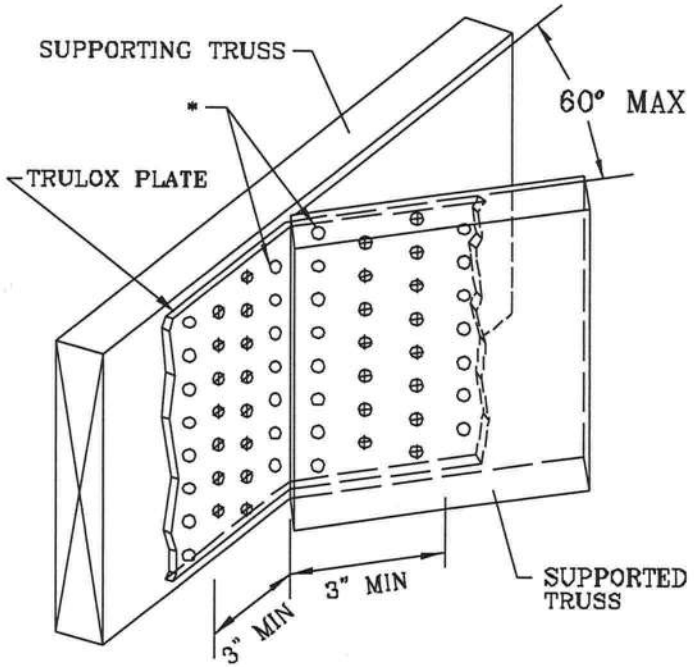
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

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



MINIMUM 3X6 TRULOX PLATE





MINIMUM 5X6 TRULOX PLATE

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

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

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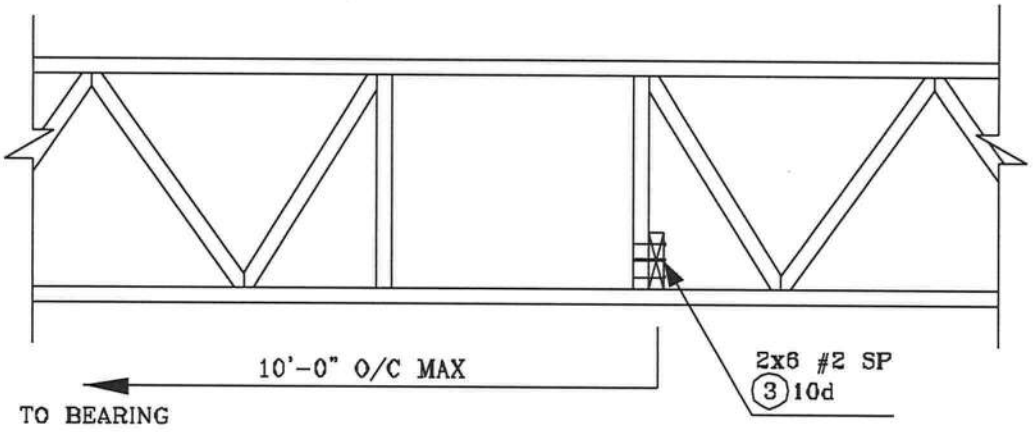
DELRAY BEACH, FL 33444-2351

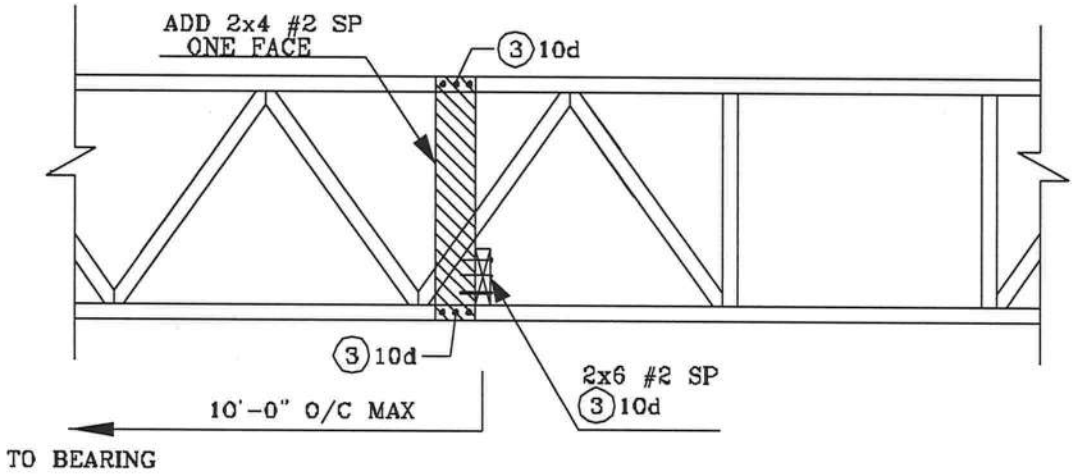
No: 34869
STATE OF FLORIDA

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



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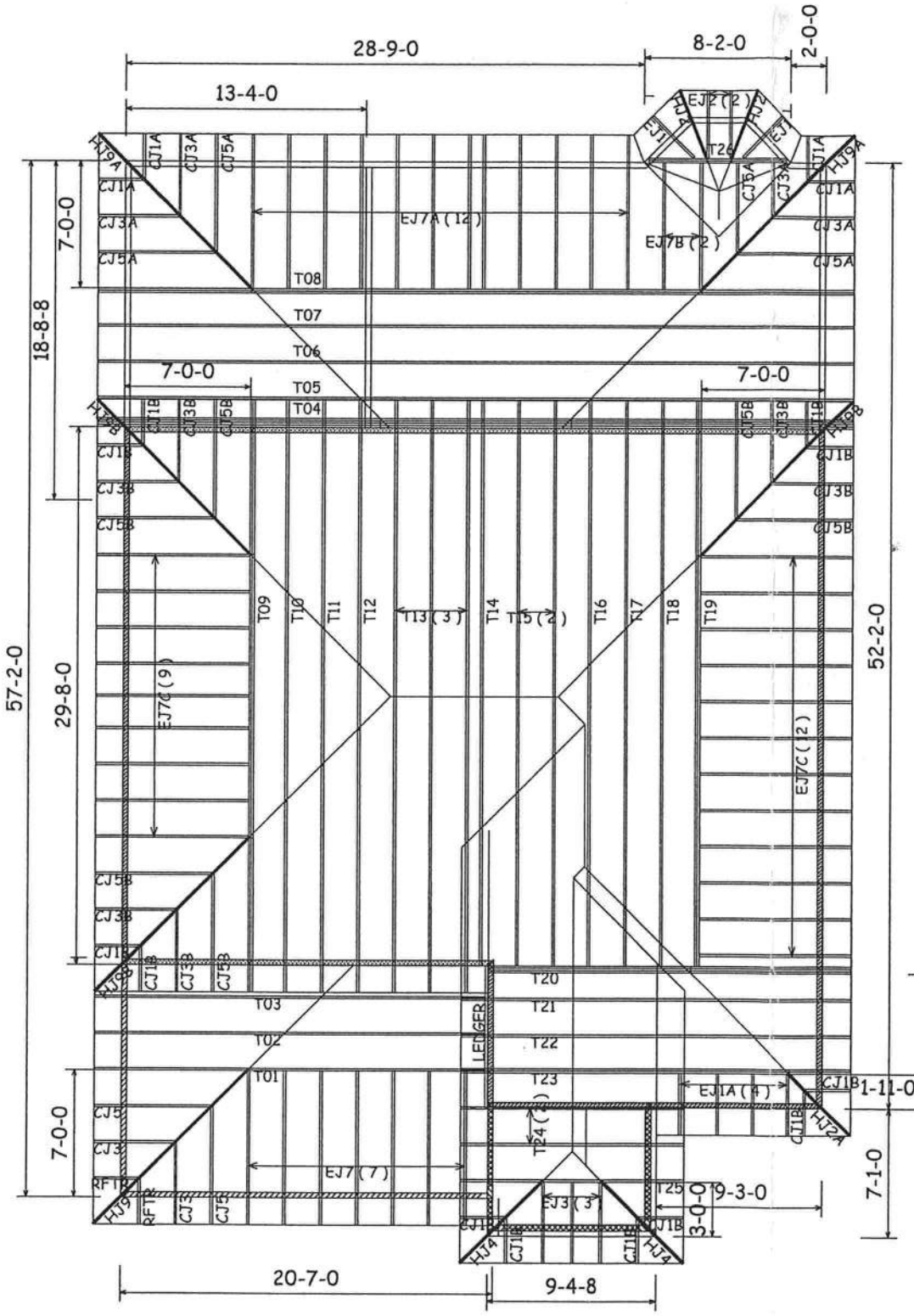
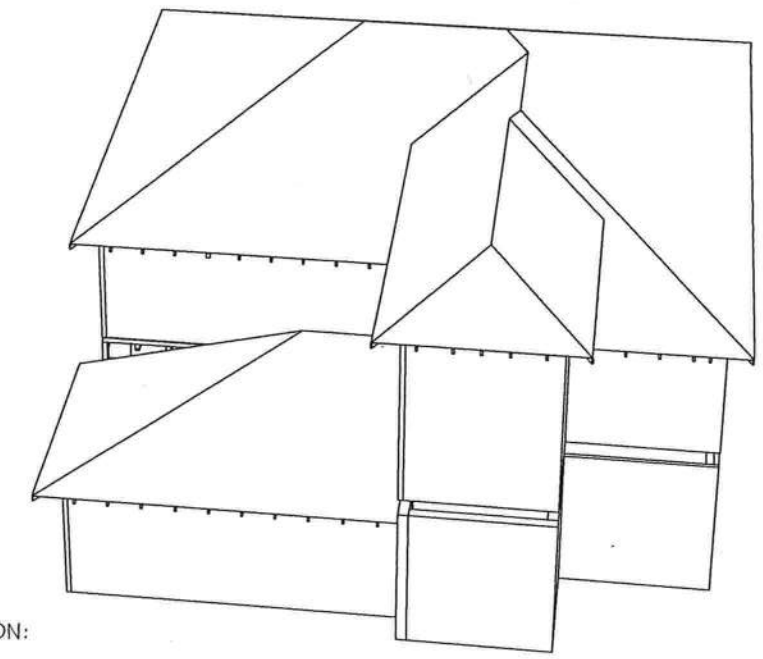
STATE OF FLORIDA





TRUSS INFORMATION:

ROOF PITCH: 3-4-6/12

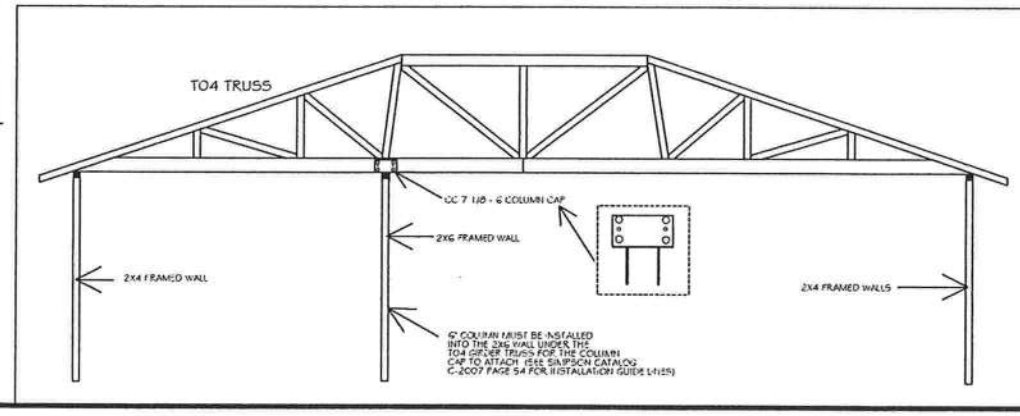
CEILING: ALL FLAT

OVERHANG: 1' 6"

HANGER LIST:
- 1 - CC7 1/8 - 6 (ATTACHES TO 2X6 WALL AND CONNECTS TO T04)
- 8 - HTU26 (MAX NAILING)
- 2 - THJA26 (CONNECTS HJ9A TO T08)
- 1 - HGUS26-2 (CONNECTS T19 TO T20)

VALLEY MAT.
NONE SUPPLIED

NOTE: FOR ALL FLOOR JOIST CONNECTIONS AND INFORMATION SEE FLOOR LAYOUT.



BEARING HEIGHT SCHEDULE

- 9' 0"
- 8' 0"
- 8' 0" — 2ND FLOOR WALL HEIGHT BASED FROM FINISHED FLOOR
- 12' 0" — 2ND FLOOR WALL HEIGHT BASED FROM FINISHED FLOOR @ ENTRY ONLY.

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 VIOS 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) 5Y42 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 THA42 UNLESS OTHERWISE NOTED.
8) BEAM/HEADER/LINTEL (HDR) 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.

Approved 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:	LIPSCOMB EAGLE
LEGAL ADDRESS:	COLUMBIA CTY. , FL
MODEL: PRESERVE @ LAUREL LAKE	REVISION:
	SCALE: NTS
DATE: 12/7/07	DRAWN BY: JP
	JOB #: L235554

26823

FEES:

ROAD IMPACT FEE $1,046.00 CODE 210 UNIT 1
10100003632400

EMS IMPACT FEE $29.88
10300003632210

FIRE PROTECTION IMPACT FEE $78.63
10200003632220

CORRECTIONS IMPACT FEE $409.16
00100003632200

SCHOOL IMPACT FEE $1,500.00
00100003632900

TOTAL FEES CHARGED $3,063.67 CHECK NUMBER 5167