DATE 02/15/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026760

APPLICANT SUSAN EAGLE PHONE 386.623.6612

ADDRESS 872 SW JAGUAR DRIVE LAKE CITY FL 32025

OWNER COUNTRY CLUB PROPERTIES,LLC. PHONE 386.961.1086

ADDRESS 879 NW MILO TERRACE LAKE CITY FL 32055

CONTRACTOR JAMES M.LIPSCOMB PHONE 386.623.9141

LOCATION OF PROPERTY LAKE JEFFERY ROAD TO HUNTSVILLE CHURCH ROAD,TL TO MILO TERRACE,TL & IT'S @ THE CORNER OF MILO & LEVI.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 209350.00

HEATED FLOOR AREA 2690.00 TOTAL AREA 4187.00 HEIGHT 20.00 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

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

PARCEL ID 08-3S-16-02032-108 SUBDIVISION HILLS OF HUNTSVILLE

LOT 8 BLOCK PHASE UNIT TOTAL ACRES 5.00

000001557		CBC1253543	Susan Eagle	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X 32'MITERED	08-0145	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: MFE @ 99.5'.ELEVATION CONFIRMATION LETTER REQUIRED.

Check # or Cash 287

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 $ 1050.00 CERTIFICATION FEE $ 20.93 SURCHARGE FEE $ 20.93

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 $ 25.00 **TOTAL FEE** 1191.86

INSPECTORS OFFICE CLERKS OFFICE MSG

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

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

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

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

BOARD OF COUNTY COMMISSIONERS
OFFICE OF

BUILDING & ZONING

COLUMBIA COUNTY, FLORIDA

BUILDING PERMIT RECEIPT

RECEIPT NUMBER / PERMIT NUMBER 000028492 DATE 04/16/2010

APPLICANT JAMES M. LIPSCOMB

OWNER COUNTRY CLUB PROPERTIES, LLC.

CONTRACTOR JAMES M. LIPSCOMB

PARCEL ID NUMBER 08-3S-16-02032-108 NUMBER OF EXISTING DWELLINGS 0

TYPE OF DEVELOPMENT RENEWAL 26760 SFD

COMMENTS: RENEWAL OF PERMIT 26760 - 1/4 OF THE TOTAL INSPECTIONS REMAIN, ELEVATION CONFIRMATIN RECIEVED, SEE 26760 FOR PLANS & DOCUMENTS

FEES:

BUILDING PERMIT	0.00	CERTIFICATION FEE	0.00
ZONING FEE		SURCHARGE FEE	0.00
FLOOD ZONE FEE		FLOOD DEVELOPMENT PERMIT	
MOBILE HOME PERMIT		RELOCATION PERMIT	
TRAVEL TRAILER PERMIT		RENEWAL PERMIT	262.50
UTILITY POLE PERMIT		WASTE ASSESSMENT FEE	
FIRE FEE (5 ACRES OR LESS)		CULVERT PERMIT	
FIRE FEE (MORE THAN 5 ACRES)			

CHECK NUMBER

TOTAL FEES CHARGES 262.50

MAKE CHECKS PAYABLE TO: BCC (Board of County Commissioners)

NOTE: A SEPARATE CHECK IS REQUIRED FOR THE CULVERT WAIVER PERMITS

135 NE HERNANDO AVE.
SUITE B-21
LAKE CITY, FL 32055
Phone: 386-758-1008
Fax: 386-758-2160

Columbia County Building Permit Application

For Office Use Only Application # 0801-166 Date Received 1/31/08 By CG Permit # 1557/ 26760

Zoning Official BLK Date 02.02.08 Flood Zone X partial FEMA Map # N/A Zoning A-3

Land Use A-3 Elevation N/A MFE 99.5' River N/A Plans Examiner OKTH Date 2-7-08

Comments Plot Requires MFE Elevation Confirmation Letter Required

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

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

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

Septic Permit No. Fax 386-719-9586

Name Authorized Person Signing Permit Susan Eagle Phone 386-623-6612

Address 872 SW Jaguar Drive Lake City, FL 32025

Owners Name Country Club Properties, LLC Phone 386-961-1086

911 Address 879 NW Milo Terr, Lake City, FL 32055

Contractors Name James Mack Lipscomb Phone 386-623-9141

Address 872 SW Jaguar Drive Lake City, FL 32025

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address MARK Disosway 386-754-5419

Mortgage Lenders Name & Address Cash

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

08-35-16

Property ID Number 02032-108 Estimated Cost of Construction 225,000

Subdivision Name Hills of Huntsville Lot 8 Block Unit Phase

Driving Directions From courthouse take 90W, R on Lake Jeffrey Rd, Left on Huntsville Church Rd, Left on Milo Terrace, Lot on Corner of Milo + Leviathen Number of Existing Dwellings on Property 0

Construction of Single Family Dwelling Total Acreage 5 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 28'

Actual Distance of Structure from Property Lines - Front 200' Side 199'8" Side 285'6" Rear 130'10"

Number of Stories 2 Heated Floor Area 2690 Total Floor Area 4890 Roof Pitch 7/12

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

- Ckt 287 -

T.L. spoke w/ Susan 2.8.08

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.

James mack Lipscomb
Contractor's Signature (Permitee)

Contractor's License Number CBC1253543
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31 **day of** Jan **20**08.

Personally known X **or Produced Identification**_____

Susan L. Holton
State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC STATE OF FLORIDA
Susan L. Holton
Commission #DD431203
Expires: MAY 19, 2009
www.AaronNotary.com

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

Land Surveyors and Mappers

26760

03/24/08

L-19200

Permit # 26760

To Whom It May Concern:

C/o: Lipscomb & Eagle

Re: Lot 8 of Hills of Huntsville

The elevation of the foundation is found to be 102.87 feet. The centerline of the adjacent road NW Levi Glen is 102.58 feet and the centerline of the adjacent road NW Milo Terrace is 100.14 feet. The highest adjacent natural grade is 102.30 feet. The lowest natural adjacent grade is 101.80 feet. There is an elevation benchmark set on the SE corner of lot 8 elevation = 102.60 feet. The elevations shown hereon are based on NGVD 29 Datum.

L. Scott Britt
PLS #5757

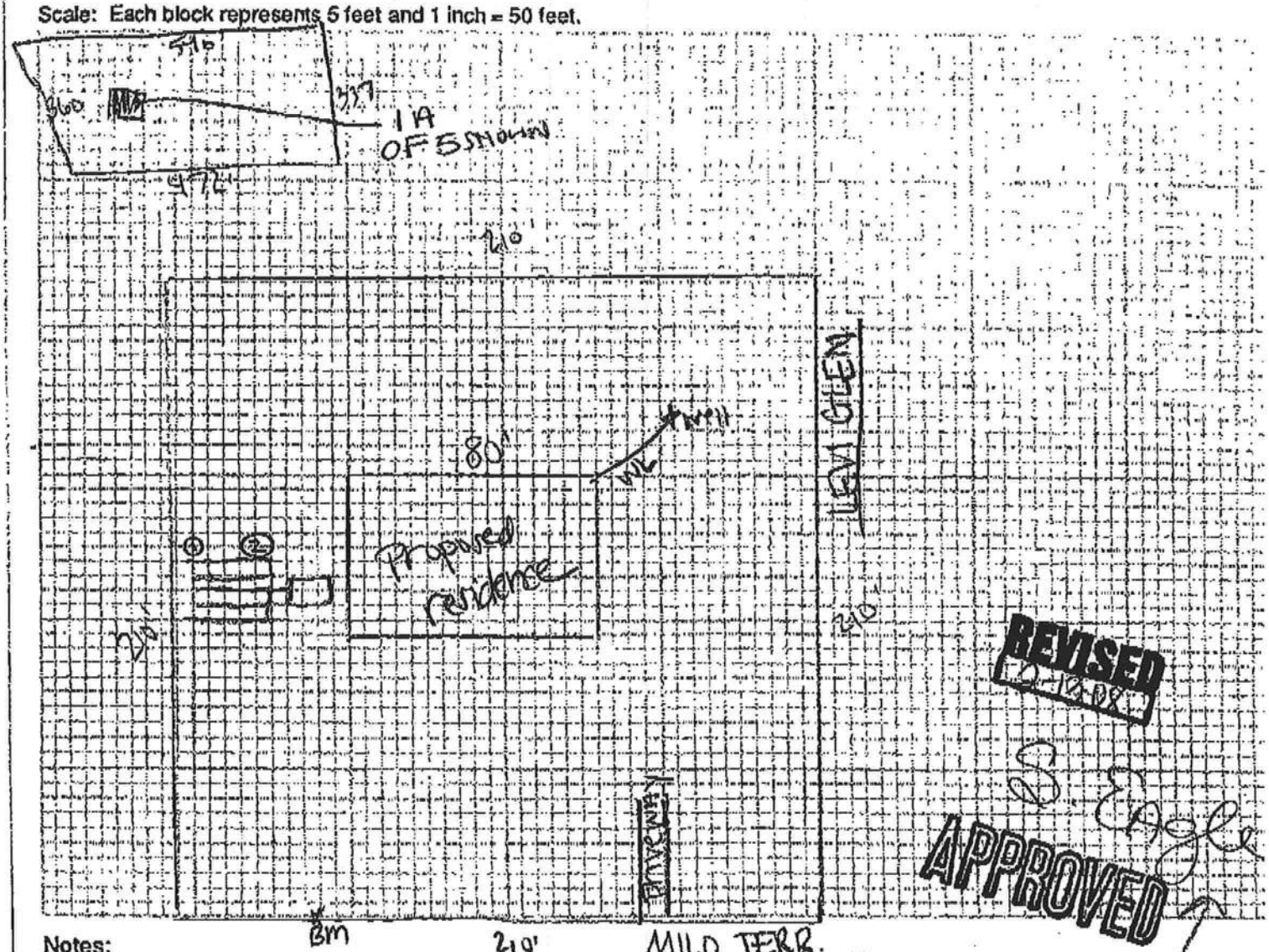
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0145

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Site Plan submitted by: _____ _____
Signature Title

Plan Approved X Not Approved _____ Date 2-13-08

By Sabe Ford EHS Columbia CHD County Health Departm

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
[illegible]

Received 2-13-08

Page 2 [illegible]

18.50
8,645.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 07-445
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Inst:200712027832 Date:12/18/2007 Time:11:32 AM
Doc Stamp-Deed:8645.00
DC,P.DeWitt Cason,Columbia County Page 1 of 2

Property Appraiser's
Parcel Identification No. R02032-101, 102, 103, 104, 105, 106, 107, 108, 109, 114, 117, 118, 119, 120, 121, 122, 123, 124, 125

WARRANTY DEED

THIS INDENTURE, made this 17th day of December, 2007, between WESTRIDGE, INC., a corporation existing under the laws of the State of Florida, whose post office address is: Post Office Box 1733, Lake City, FL 32056 and having its principal place of business in the County of Columbia, State of Florida, party of the first part, and COUNTRY CLUB PROPERTIES, LLC, A Florida Limited Liability Company whose Document Number is L05000091407, FEI Number is [redacted] and whose post office address is: Post Office Box 3659, Lake City, FL 32056, of the State of Florida, party of the second part,

WITNESSETH: that the said party of the first part, for and in consideration of the sum of Ten Dollars ($10.00), to it in hand paid, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, remised, released, conveyed and confirmed, and by these presents doth grant, bargain, sell, alien, remise, release, convey and confirm unto the said party of the second part, their heirs and assigns forever, all that certain parcel of land lying and being in the County of Columbia and State of Florida, more particularly described as follows:

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 14, 17, 18, 19, 20, 21, 22, 23, 24 and 25, HILLS OF HUNTSVILLE SUBDIVISION, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 126-129 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

TOGETHER with all the tenements, hereditaments and appurtenances, with every privilege, right, title, interest and estate, reversion, remainder and easement thereto belong or in anywise appertaining:

TO HAVE AND TO HOLD the same in fee simple forever.

And the said party of the first part doth covenant with said party of the second part that it is lawfully seized of said premises; that they are free of all encumbrances, and that it has good right and lawful authority to sell the same; and the said party of the first part does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be signed in its name by its Vice President, the day and year above written.

Signed, sealed and delivered in our presence:

WESTRIDGE, INC.

Witness: Terry McDavid

By: _____
CHRIS BULLARD,
Vice President

Witness: DeEtte F. Brown

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 17th day of December, 2007, by CHRIS BULLARD, as Vice President of WESTRIDGE, INC., a State of Florida corporation, on behalf of the corporation. He is personally known to me and did not take an oath.

_____
Notary Public
My Commission Expires: _____

(Seal)

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

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Limited Liability Company

COUNTRY CLUB PROPERTIES, LLC

Filing Information

Document Number	L05000091407
FEI Number	203608875
Date Filed	09/08/2005
State	FL
Status	ACTIVE

Principal Address

164 NW MADISON ST
STE 102
LAKE CITY FL 32055

Changed 04/02/2007

Mailing Address

PO BOX 3659
LAKE CITY FL 32056

Changed 04/02/2007

Registered Agent Name & Address

CRAPPS, DANIEL
164 NW MADISON ST
STE 102
LAKE CITY FL 32055

Address Changed: 04/02/2007

Manager/Member Detail

Name & Address

Title MGRM

CRAPPS, DANIEL
PO BOX 3659
LAKE CITY FL 32056

Title MGRM

EAGLE, THOMAS H
116 NW EGRET LANE
LAKE CITY FL 32055

Annual Reports

Report Year Filed Date

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 1/24/2008 **DATE ISSUED:** 2/1/2008

ENHANCED 9-1-1 ADDRESS:

879 NW MILO TER

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

08-3S-16-02032-108

Remarks:

LOT 8 HILLS OF HUNTSVILLE

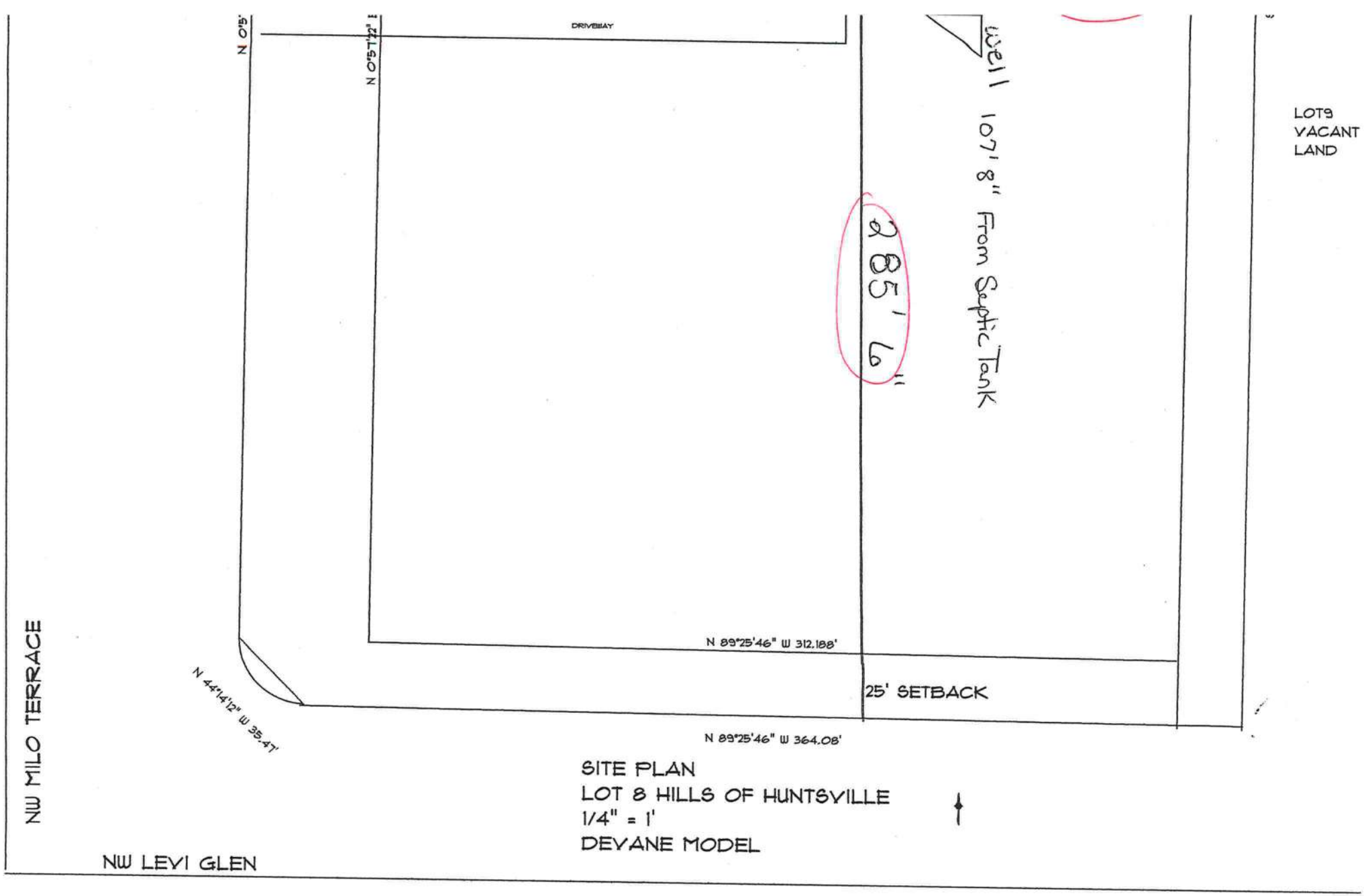
Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address 1127

FEB 0 1 2008

911Addressing/GIS Dept



SITE PLAN
LOT 8 HILLS OF HUNTSVILLE
1/4" = 1'
DEVANE MODEL

Susan Eagle
1/31/08

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
XXXXXXXXXXXXXXXX
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,

Donald D. Hall
DDH/jk

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001557

DATE 02/18/2008 PARCEL ID # 08-3S-16-02032-108

APPLICANT SUSAN EAGLE PHONE 386.623.6612

ADDRESS 872 SW JAGUAR DRIVE LAKE CITY FL 32025

OWNER JAMES MACK LIPSCOMB PHONE 386.623.6612

ADDRESS 879 NW MILO TERRACE LAKE CITY FL 32055

CONTRACTOR COUNTRY CLUB PROPERTIES,LLC PHONE 386.623.9141

LOCATION OF PROPERTY LAKE JEFFERY TO HUNTSVILLE CHURCH ROAD,TL TO MILO TERRACE

& IT'S @ THE CORNER OF MILO & LEVI GLN.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HILLS OF HUNTSVILLE 8

SIGNATURE ✓ Susan Eagle

INSTALLATION REQUIREMENTS

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

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

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

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 the Notice of Commencement.

1. Description of property:

Inst:200812003425 Date:2/20/2008 Time:1:18 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1

Lot 8 Hills of Huntsville

2. General description of improvement: Construction of Dwelling
3. Owner information:
   a. Name and address: Country Club Properties, LLC
   872 SW Jaguar Drive
   Lake City, FL 32025

   b. Interest in property: Fee Simple

   c. Name and address of fee simple title holder (if other than Owner): None
4. Contractor: James Mack Lipscomb
5. Surety n/a
   a. Name and address:
   b. Amount of bond:
6. Lender: n/a
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.

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

_____ Signature of Owner

The foregoing instrument was acknowledged before me this 20 day of Feb. 2008 by Thomas Eagle who are personally known to me and who did not take an oath

Notary Public Susan L. Holton

NOTARY PUBLIC STATE OF FLORIDA
Susan L. Holton
Commission #DD431203
Expires: MAY 19, 2009
www.AaronNotary.com

My commission expires:_____

2760

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:	801261LipscombEagleDevelopment	Builder:	
Address:	Lot: 8, Sub: Hills of Huntsv, Plat:	Permitting Office:	Columbia
City, State:	, FL	Permit Number:	26760
Owner:	Devane Residence	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: 51.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2690 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT) 7a.	Description Area (Dble Default) 248.4 ft²	13. Heating systems	
b. SHGC: (or Clear or Tint DEFAULT) 7b.	(Clear) 248.4 ft²	a. Electric Heat Pump	Cap: 51.0 kBtu/hr
8. Floor types			HSPF: 7.90
a. Slab-On-Grade Edge Insulation	R=0.0, 275.0(p) ft	b. N/A	
b. Raised Wood, Adjacent	R=19.0, 300.0ft²		
c. N/A		c. N/A	
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 2061.6 ft²	14. Hot water systems	
b. Frame, Wood, Adjacent	R=13.0, 304.0 ft²	a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
d. N/A		b. N/A	
e. N/A			
10. Ceiling types		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 3222.0 ft²	15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 210.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 30766
Total base points: 35527

PASS

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

PREPARED BY: _____

DATE: 1-30-07

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: 8, Sub: Hills of Huntsv, 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	2690.0	20.04	9703.4	Double, Clear	S	15.0	6.0	20.0	35.87	0.44	314.3	
				Double, Clear	S	15.0	7.0	24.0	35.87	0.45	385.1	
				Double, Clear	SE	18.0	6.0	11.7	42.75	0.38	189.8	
				Double, Clear	S	12.0	6.0	15.0	35.87	0.45	242.7	
				Double, Clear	SW	99.0	6.0	11.7	40.16	0.37	172.9	
				Double, Clear	E	51.0	6.0	20.0	42.06	0.36	300.2	
				Double, Clear	S	1.5	0.0	30.0	35.87	0.43	464.8	
				Double, Clear	S	1.5	0.0	7.0	35.87	0.43	108.4	
				Double, Clear	W	1.5	4.5	16.0	38.52	0.85	523.6	
				Double, Clear	N	1.5	7.0	15.0	19.20	0.96	275.0	
				Double, Clear	N	9.0	7.0	60.0	19.20	0.67	775.0	
				Double, Clear	N	1.5	7.0	18.0	19.20	0.96	330.1	
				As-Built Total:				**248.4**			**4081.8**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	304.0	0.70	212.8	Frame, Wood, Exterior	13.0	2061.6	1.50	3092.4
Exterior	2061.6	1.70	3504.7	Frame, Wood, Adjacent	13.0	304.0	0.60	182.4
Base Total:	**2365.6**		**3717.5**	As-Built Total:		**2365.6**		**3274.8**

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	60.0	4.10	246.0	Exterior Insulated	20.0	4.10	82.0
				Adjacent Insulated	20.0	1.60	32.0
Base Total:	**80.0**		**278.0**	**As-Built Total:**	**80.0**		**278.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2190.0	1.73	3788.7	Under Attic	30.0	3222.0	1.73 X 1.00	5574.1
Base Total:	**2190.0**		**3788.7**	**As-Built Total:**		**3222.0**		**5574.1**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	275.0(p)	-37.0	-10175.0	Slab-On-Grade Edge Insulation	0.0	275.0(p	-41.20	-11330.0
Raised	300.0	-3.99	-1197.0	Raised Wood, Adjacent	19.0	300.0	0.40	120.0
Base Total:			**-11372.0**	**As-Built Total:**		**575.0**		**-11210.0**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 8, Sub: Hills of Huntsv, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points			
	2690.0	10.21	27464.9		2690.0	10.21	27464.9			
Summer Base Points: 33580.5				**Summer As-Built Points:**						**29463.6**
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 51000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
				29464	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	8800.6	
33580.5	0.4266	14325.4		**29463.6**	**1.00**	**1.138**	**0.263**	**1.000**	**8800.6**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 8, Sub: Hills of Huntsv, 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	2690.0	12.74	6168.7	Double, Clear	S	15.0	6.0	20.0	13.30	3.61	960.0	
				Double, Clear	S	15.0	7.0	24.0	13.30	3.54	1128.2	
				Double, Clear	SE	18.0	6.0	11.7	14.71	2.65	456.0	
				Double, Clear	S	12.0	6.0	15.0	13.30	3.51	699.2	
				Double, Clear	SW	99.0	6.0	11.7	16.74	2.03	397.7	
				Double, Clear	E	51.0	6.0	20.0	18.79	1.51	566.3	
				Double, Clear	S	1.5	0.0	30.0	13.30	3.66	1460.1	
				Double, Clear	S	1.5	0.0	7.0	13.30	3.66	340.7	
				Double, Clear	W	1.5	4.5	16.0	20.73	1.04	345.8	
				Double, Clear	N	1.5	7.0	15.0	24.58	1.00	369.2	
				Double, Clear	N	9.0	7.0	60.0	24.58	1.02	1506.0	
				Double, Clear	N	1.5	7.0	18.0	24.58	1.00	443.1	
				As-Built Total:				**248.4**			**8672.3**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	304.0	3.60	1094.4	Frame, Wood, Exterior	13.0	2061.6	3.40	7009.4
Exterior	2061.6	3.70	7627.9	Frame, Wood, Adjacent	13.0	304.0	3.30	1003.2
Base Total:	**2365.6**		**8722.3**	**As-Built Total:**		**2365.6**		**8012.6**

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	60.0	8.40	504.0	Exterior Insulated	20.0	8.40	168.0
				Adjacent Insulated	20.0	8.00	160.0
Base Total:	**80.0**		**664.0**	**As-Built Total:**	**80.0**		**664.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	2190.0	2.05	4489.5	Under Attic	30.0	3222.0	2.05 X 1.00	6605.1
Base Total:	**2190.0**		**4489.5**	**As-Built Total:**		**3222.0**		**6605.1**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	275.0(p)	8.9	2447.5	Slab-On-Grade Edge Insulation	0.0	275.0(p	18.80	5170.0
Raised	300.0	0.96	288.0	Raised Wood, Adjacent	19.0	300.0	2.20	660.0
Base Total:			**2735.5**	**As-Built Total:**		**575.0**		**5830.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 8, Sub: Hills of Huntsv, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points				Area X	WPM	=	Points
	2690.0	-0.59	-1587.1				2690.0	-0.59		-1587.1
Winter Base Points:			21192.9	**Winter As-Built Points:**						28197.0
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 51000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0						
				28197.0	1.000	(1.069 x 1.169 x 0.93)	0.432	1.000		14145.1
21192.9	0.6274	13296.4		28197.0	1.00	1.162	0.432	1.000		14145.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 8, Sub: Hills of Huntsv, 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
3		2635.00	7905.0	40.0	0.93	3		1.00	2606.67	1.00	7820.0
				As-Built Total:							**7820.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
14325	**13296**	**7905**	**35527**	**8801**	**14145**	**7820**	**30766**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 8, Sub: Hills of Huntsv, 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* = 86.0

The higher the score, the more efficient the home.

Devane Residence, Lot: 8, Sub: Hills of Huntsv, Plat: , , FL,

1.	New construction or existing	New	12.	Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 51.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 13.00
4.	Number of Bedrooms	3		b. N/A	
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	2690 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) 248.4 ft²		a. Electric Heat Pump	Cap: 51.0 kBtu/hr
	b. SHGC:				HSPF: 7.90
	(or Clear or Tint DEFAULT) 7b.	(Clear) 248.4 ft²		b. N/A	
8.	Floor types				
	a. Slab-On-Grade Edge Insulation	R=0.0, 275.0(p) ft		c. N/A	
	b. Raised Wood, Adjacent	R=19.0, 300.0ft²			
	c. N/A		14.	Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 2061.6 ft²			EF: 0.93
	b. Frame, Wood, Adjacent	R=13.0, 304.0 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, 3222.0 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, 210.0 ft		MZ-C-Multizone cooling,	
	b. N/A			MZ-H-Multizone heating)	

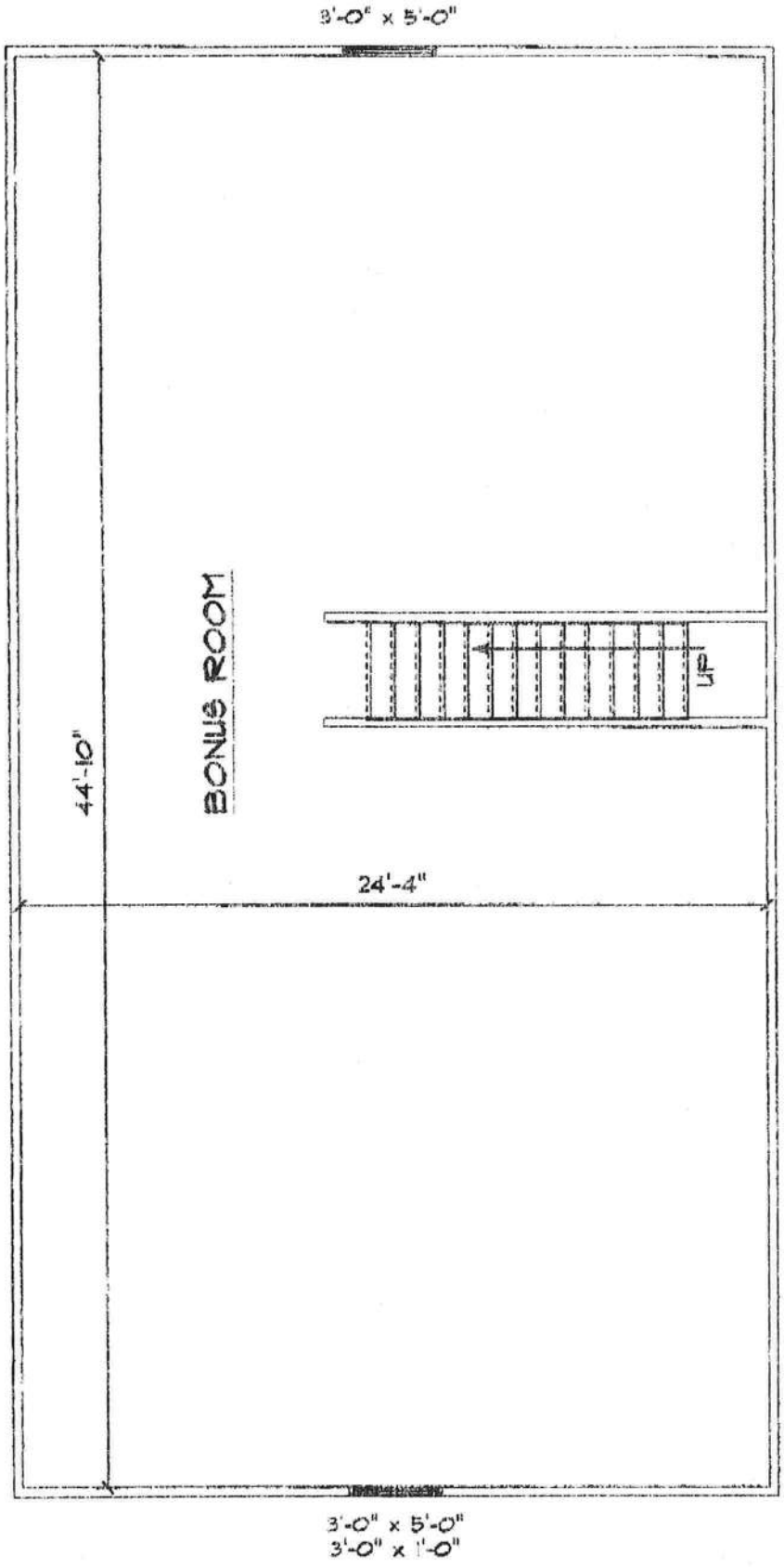
I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant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



#0801-166

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0801-166**

Applicant: Susan Eagle
Owner: Country Club Properties LLC
Contractor: James Mack Lipscomb
Property Identification # 08-3s-16-02032-108

On the date of February 6, 2008 building permit application number 0801-166 and the submitted plans for construction of a single family dwelling were reviewed. The following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0801-166 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Codes 2004 only and doesn't make any consideration toward the land use and zoning requirement

1. Please provide a copy of a signed released site plan from the Columbia County Environmenta Health Department, which confirms approval of the waste water disposal system.

2. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement, prior any inspections can be performed by the Columbia County Building Department.

3. Please submit floor plan of the bonus room area. If a bedroom(s) is the intended use of this are please show an emergency escape and rescue opening (window(s)) for the bedroom in the bonus area. Emergency escape and rescue opening shall have a minimum net clear opening 5.7 square feet.

Thank You:

Joe Haltiwanger
Plan Examiner
County Building Department

Residential System Sizing Calculation

Summary

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

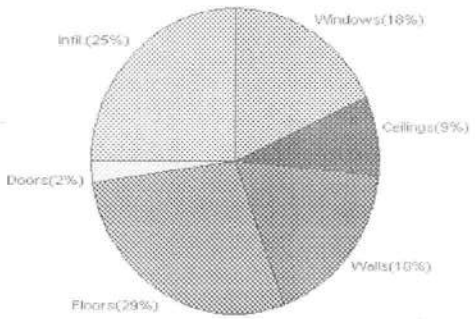
1/30/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**43948**	**Btuh**	**Total cooling load calculation**	**32707**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	116.0	51000	Sensible (SHR = 0.75)	144.4	38250
Heat Pump + Auxiliary(0.0kW)	116.0	51000	Latent	205.2	12750
			Total (Electric Heat Pump)	155.9	51000

WINTER CALCULATIONS

Winter Heating Load (for 2690 sqft)

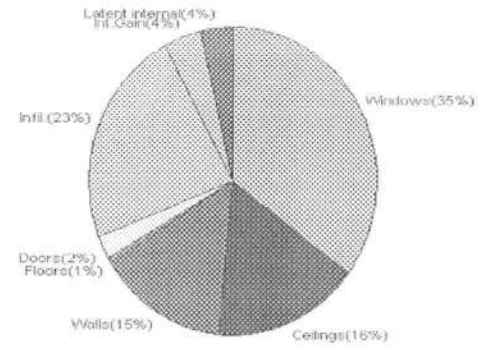
Load component			Load	
Window total	248	sqft	7996	Btuh
Wall total	2366	sqft	7769	Btuh
Door total	80	sqft	1036	Btuh
Ceiling total	3222	sqft	3797	Btuh
Floor total	See detail report		12563	Btuh
Infiltration	266	cfm	10787	Btuh
Duct loss			0	Btuh
Subtotal			**43948**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			43948	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2690 sqft)

Load component			Load	
Window total	248	sqft	11501	Btuh
Wall total	2366	sqft	4759	Btuh
Door total	80	sqft	784	Btuh
Ceiling total	3222	sqft	5336	Btuh
Floor total			181	Btuh
Infiltration	137	cfm	2553	Btuh
Internal gain			1380	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**26494**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			5014	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**6214**	**Btuh**
TOTAL HEAT GAIN			**32707**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 1-30-08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

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

1/30/2008

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	20.0	32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	24.0	32.2	773 Btuh
3	2, Clear, Metal, 0.87	W	11.7	32.2	377 Btuh
4	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
5	2, Clear, Metal, 0.87	N	11.7	32.2	377 Btuh
6	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	NW	7.0	32.2	225 Btuh
9	2, Clear, Metal, 0.87	NE	16.0	32.2	515 Btuh
10	2, Clear, Metal, 0.87	SE	15.0	32.2	483 Btuh
11	2, Clear, Metal, 0.87	SE	60.0	32.2	1931 Btuh
12	2, Clear, Metal, 0.87	SE	18.0	32.2	579 Btuh
	Window Total		248(sqft)		7996 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2062	3.3	6770 Btuh
2	Frame - Wood - Adj(0.09)	13.0	304	3.3	998 Btuh
	Wall Total		2366		7769 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	3222	1.2	3797 Btuh
	Ceiling Total		3222		3797Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Raised Wood - Adj	19	300.0 sqft	1.9	557 Btuh
2	Slab On Grade	0	275.0 ft(p)	43.7	12007 Btuh
	Floor Total		575		12563 Btuh
			Zone Envelope Subtotal:		33161 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	24210	266.3	10787 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**43948 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

1/30/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	43948 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43948 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 - Winter

Residential Load - Room by Room Component Details

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

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

1/30/2008

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	20.0	32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	24.0	32.2	773 Btuh
3	2, Clear, Metal, 0.87	W	11.7	32.2	377 Btuh
4	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
5	2, Clear, Metal, 0.87	N	11.7	32.2	377 Btuh
6	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	NW	7.0	32.2	225 Btuh
9	2, Clear, Metal, 0.87	NE	16.0	32.2	515 Btuh
10	2, Clear, Metal, 0.87	SE	15.0	32.2	483 Btuh
11	2, Clear, Metal, 0.87	SE	60.0	32.2	1931 Btuh
12	2, Clear, Metal, 0.87	SE	18.0	32.2	579 Btuh
	Window Total		248(sqft)		7996 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2062	3.3	6770 Btuh
2	Frame - Wood - Adj(0.09)	13.0	304	3.3	998 Btuh
	Wall Total		2366		7769 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	3222	1.2	3797 Btuh
	Ceiling Total		3222		3797Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Raised Wood - Adj	19	300.0 sqft	1.9	557 Btuh
2	Slab On Grade	0	275.0 ft(p)	43.7	12007 Btuh
	Floor Total		575		12563 Btuh
			Zone Envelope Subtotal:		33161 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	24210	266.3	10787 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**43948 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

1/30/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	43948 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43948 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

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/30/2008

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	15ft.	6ft.	20.0	0.0	20.0	29	60	1201 Btuh
2	2, Clear, 0.87, None,N,N	NW	15ft.	7ft.	24.0	0.0	24.0	29	60	1441 Btuh
3	2, Clear, 0.87, None,N,N	W	18ft.	6ft.	11.7	11.7	0.0	29	80	339 Btuh
4	2, Clear, 0.87, None,N,N	NW	12ft.	6ft.	15.0	0.0	15.0	29	60	901 Btuh
5	2, Clear, 0.87, None,N,N	N	99ft.	6ft.	11.7	0.0	11.7	29	29	339 Btuh
6	2, Clear, 0.87, None,N,N	SW	51ft.	6ft.	20.0	20.0	0.0	29	63	579 Btuh
7	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	30.0	0.0	30.0	29	60	1801 Btuh
8	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	7.0	0.0	7.0	29	60	420 Btuh
9	2, Clear, 0.87, None,N,N	NE	1.5ft.	4.5ft.	16.0	0.0	16.0	29	60	961 Btuh
10	2, Clear, 0.87, None,N,N	SE	1.5ft.	7ft.	15.0	3.8	11.2	29	63	810 Btuh
11	2, Clear, 0.87, None,N,N	SE	9ft.	7ft.	60.0	60.0	0.0	29	63	1738 Btuh
12	2, Clear, 0.87, None,N,N	SE	1.5ft.	7ft.	18.0	4.6	13.4	29	63	972 Btuh
	Window Total				248 (sqft)					11501 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2061.6	2.1	4300 Btuh
2	Frame - Wood - Adj	13.0/0.09	304.0	1.5	459 Btuh
	Wall Total		2366 (sqft)		4759 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
3	Insulated - Exterior	40.0	9.8	392 Btuh
	Door Total	80 (sqft)		784 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	3222.0	1.7	5336 Btuh
	Ceiling Total		3222 (sqft)		5336 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Raised Wood - Adj	19.0	300 (sqft)	0.6	181 Btuh
2	Slab On Grade	0.0	275 (ft(p))	0.0	0 Btuh
	Floor Total		575.0 (sqft)		181 Btuh

			Zone Envelope Subtotal:		22560 Btuh
Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.34	24210	137.2	2553 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		6	X 230 +	0	1380 Btuh
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)			DGM = 0.00	0.0 Btuh
			Sensible Zone Load		**26494 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

1/30/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**26494 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**26494 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**26494 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	5014 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6214 Btuh**
	TOTAL GAIN	**32707 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

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 1/30/2008
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	15ft.	6ft.	20.0	0.0	20.0	29	60	1201 Btuh
2	2, Clear, 0.87, None,N,N	NW	15ft.	7ft.	24.0	0.0	24.0	29	60	1441 Btuh
3	2, Clear, 0.87, None,N,N	W	18ft.	6ft.	11.7	11.7	0.0	29	80	339 Btuh
4	2, Clear, 0.87, None,N,N	NW	12ft.	6ft.	15.0	0.0	15.0	29	60	901 Btuh
5	2, Clear, 0.87, None,N,N	N	99ft.	6ft.	11.7	0.0	11.7	29	29	339 Btuh
6	2, Clear, 0.87, None,N,N	SW	51ft.	6ft.	20.0	20.0	0.0	29	63	579 Btuh
7	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	30.0	0.0	30.0	29	60	1801 Btuh
8	2, Clear, 0.87, None,N,N	NW	1.5ft.	0ft.	7.0	0.0	7.0	29	60	420 Btuh
9	2, Clear, 0.87, None,N,N	NE	1.5ft.	4.5ft.	16.0	0.0	16.0	29	60	961 Btuh
10	2, Clear, 0.87, None,N,N	SE	1.5ft.	7ft.	15.0	3.8	11.2	29	63	810 Btuh
11	2, Clear, 0.87, None,N,N	SE	9ft.	7ft.	60.0	60.0	0.0	29	63	1738 Btuh
12	2, Clear, 0.87, None,N,N	SE	1.5ft.	7ft.	18.0	4.6	13.4	29	63	972 Btuh
	Window Total				248 (sqft)					11501 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2061.6	2.1	4300 Btuh
2	Frame - Wood - Adj	13.0/0.09	304.0	1.5	459 Btuh
	Wall Total		2366 (sqft)		4759 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
3	Insulated - Exterior	40.0	9.8	392 Btuh
	Door Total	80 (sqft)		784 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	3222.0	1.7	5336 Btuh
	Ceiling Total		3222 (sqft)		5336 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Raised Wood - Adj	19.0	300 (sqft)	0.6	181 Btuh
2	Slab On Grade	0.0	275 (ft(p))	0.0	0 Btuh
	Floor Total		575.0 (sqft)		181 Btuh

	Zone Envelope Subtotal:		22560 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.34	24210	137.2	2553 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 230 +	0	1380 Btuh

Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh
		Sensible Zone Load	**26494 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Devane Residence
, FL

Project Title:
801261LipscombEagleDevelopment

Class 3 Rating
Registration No. 0
Climate: North

1/30/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**26494 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**26494 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**26494 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	5014 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**6214 Btuh**
	TOTAL GAIN	32707 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

Devane Residence

, FL

Project Title:
801261LipscombEagleDevelopment

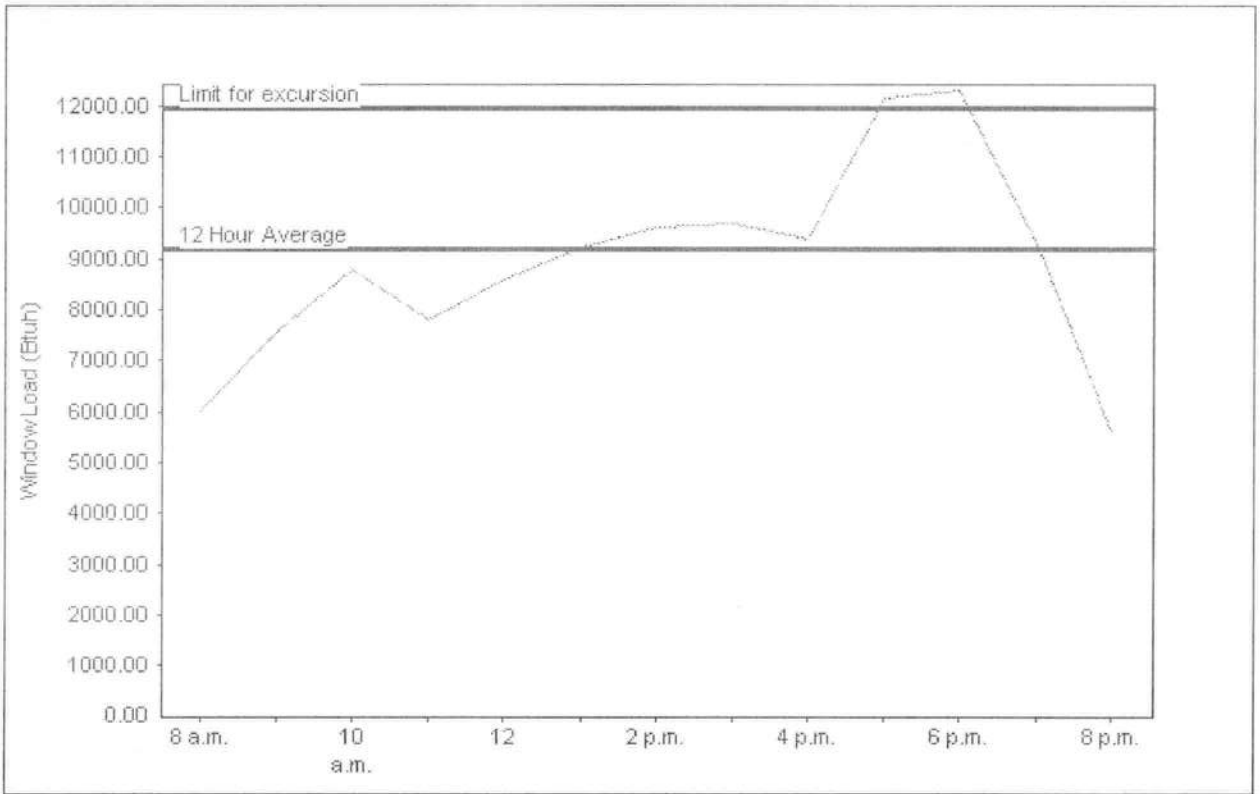
Class 3 Rating
Registration No. 0
Climate: North

1/30/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	9204 Btuh
Summer setpoint	75 F	Peak window load for July	12306 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	11965 Btu
Latitude	29 North	Window excursion (July)	341 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE: 1-30-08

Builders FirstSource

Project Information for: L266613

Builder: Lipscomb Eagle
Lot : 8
Subdivision: Hills of Huntsville
County: Columbia
Truss Count: 31
Design Program: MiTek 20/20 6.3
Building Code: FBC2004/TPI2002

Truss Design Load Information:

Gravity: **Wind:**

Roof (psf): 42.0 Wind Standard: ASCE 7-02 Wind Exposure: B
Floor (psf): 55.0 Wind Speed (mph): 110

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: 255 Southeast 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

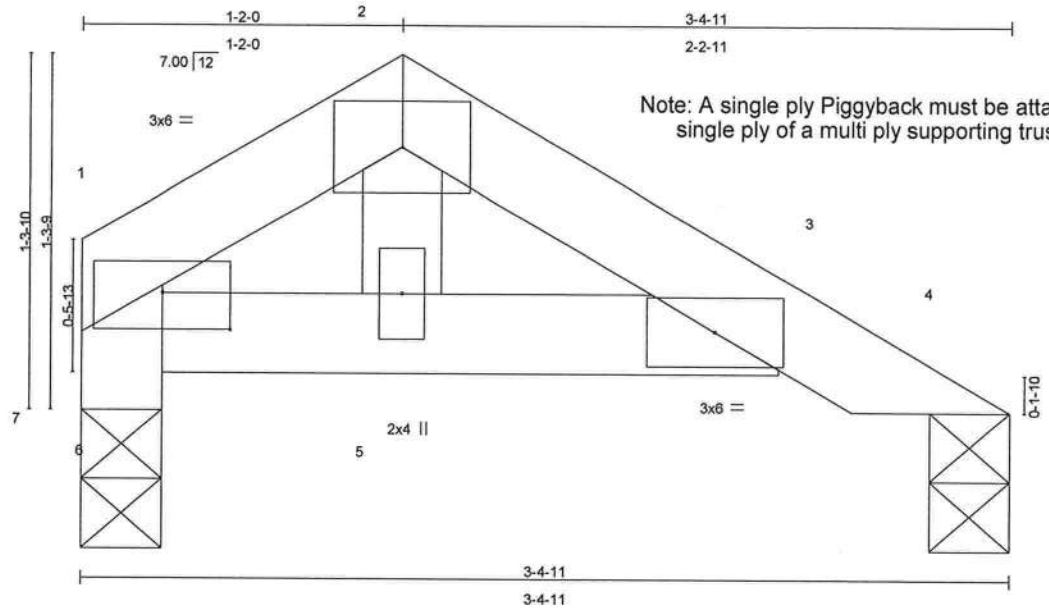
Notes:

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 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	No.	Drwg. #	Truss ID	Date
1	J1931016	PB05	1/30/08	29	J1931044	T19	1/30/08
2	J1931017	PB08	1/30/08	30	J1931045	T20	1/30/08
3	J1931018	PB17	1/30/08	31	J1931046	T21	1/30/08
4	J1931019	PB17G	1/30/08				
5	J1931020	PB20	1/30/08				
6	J1931021	PB20G	1/30/08				
7	J1931022	PB21	1/30/08				
8	J1931023	PB21G	1/30/08				
9	J1931024	T01G	1/30/08				
10	J1931025	T02	1/30/08				
11	J1931026	T03G	1/30/08				
12	J1931027	T04	1/30/08				
13	J1931028	T05G	1/30/08				
14	J1931029	T06	1/30/08				
15	J1931030	T07	1/30/08				
16	J1931031	T08	1/30/08				
17	J1931032	T08A	1/30/08				
18	J1931033	T08G	1/30/08				
19	J1931034	T09	1/30/08				
20	J1931035	T10G	1/30/08				
21	J1931036	T11	1/30/08				
22	J1931037	T12G	1/30/08				
23	J1931038	T13	1/30/08				
24	J1931039	T14	1/30/08				
25	J1931040	T15	1/30/08				
26	J1931041	T16G	1/30/08				
27	J1931042	T17	1/30/08				
28	J1931043	T18	1/30/08				

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931016
L266613	PB05	VALLEY 4x6 =	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 30 11:44:44 2008 Page 1



Note: A single ply Piggyback must be attached to a single ply of a multi ply supporting truss.

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.10	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	3-5	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	4	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
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=100/0-3-8, 7=99/0-3-8
Max Horz 7=-33(load case 4)
Max Uplift 4=-22(load case 7), 7=-21(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-38/26, 2-3=-53/40, 3-4=-44/30
BOT CHORD 5-6=-36/69, 3-5=-36/69
WEBS 2-5=-32/49, 6-7=-99/59, 1-6=-55/30

JOINT STRESS INDEX
1 = 0.07, 2 = 0.13, 3 = 0.22, 5 = 0.03 and 6 = 0.00

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

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

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931016
L266613	PB05	VALLEY	2	1	Job Reference (optional)

NOTES

5) Bearing at joint(s) 4, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 4 and 21 lb uplift at joint 7.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931017
L266613	PB08	VALLEY 4x6 =	1	1	Job Reference (optional)

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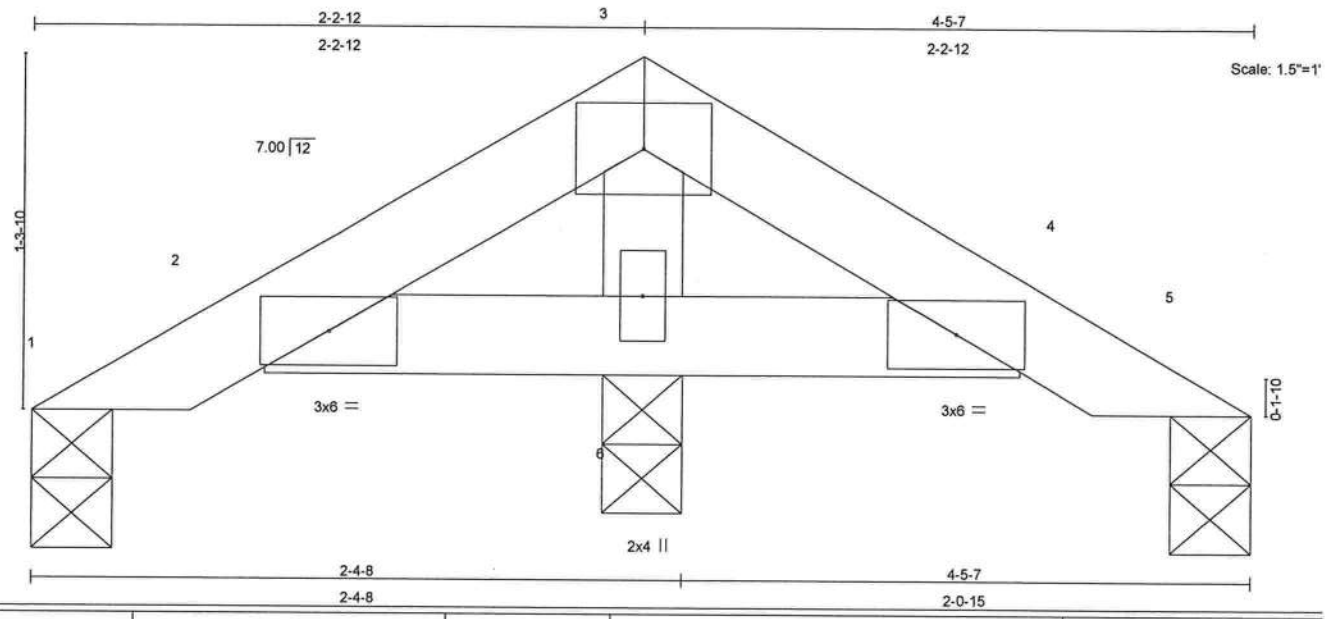


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.03	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	2	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 lb	

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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 1=36/0-3-8, 5=36/0-3-8, 6=197/0-3-8
Max Horz 1=34(load case 5)
Max Uplift 1=-9(load case 6), 5=-16(load case 4), 6=-38(load case 6)
Max Grav 1=45(load case 10), 5=45(load case 11), 6=197(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-28/34, 2-3=-23/79, 3-4=-23/79, 4-5=-19/15
BOT CHORD 2-6=-46/55, 4-6=-46/55
WEBS 3-6=-149/90

JOINT STRESS INDEX
2 = 0.10, 3 = 0.07, 4 = 0.10 and 6 = 0.05

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

Julius Lee
Truss Design Engineer
Florida PE No. 34824
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931017
L266613	PB08	VALLEY	1	1	Job Reference (optional)

NOTES

5) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 9 lb uplift at joint 1, 16 lb uplift at joint 5 and 38 lb uplift at joint 6.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

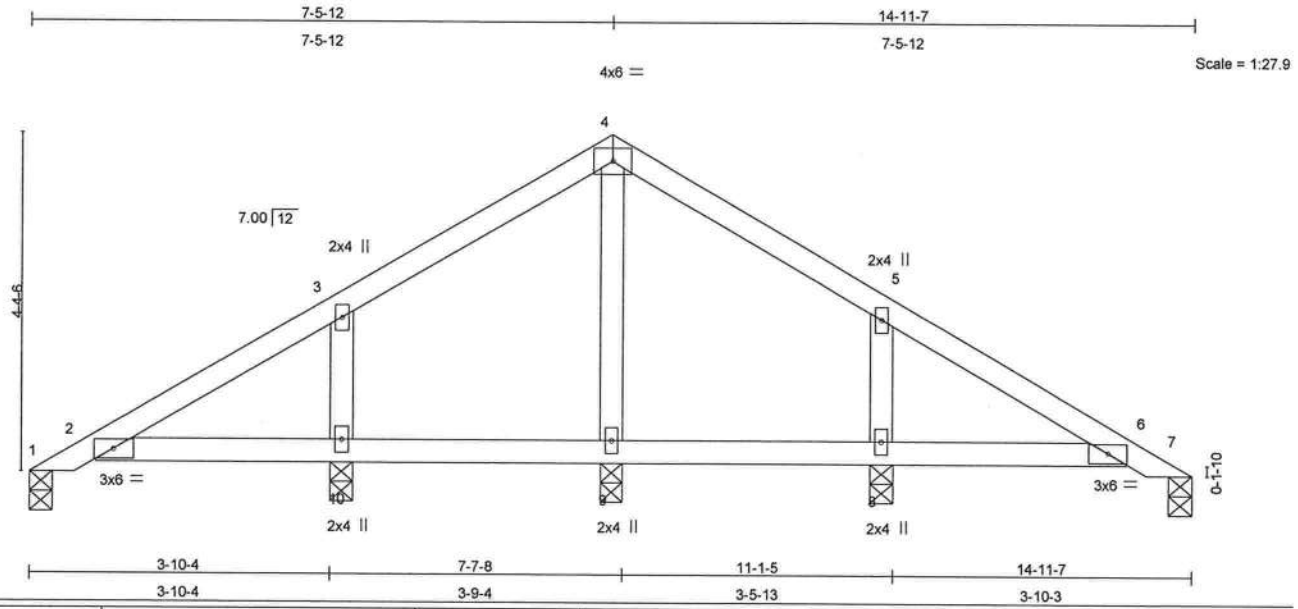
LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931018
L266613	PB17	VALLEY	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 30 11:44:46 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	-0.01	6-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.01	6-8	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.08	Horz(TL)	0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 56 lb	

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

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

REACTIONS (lb/size) 1=61/0-3-8, 7=61/0-3-8, 9=296/0-3-8, 8=261/0-3-8, 10=261/0-3-8
Max Horz 1=119(load case 5)
Max Uplift 1=-24(load case 4), 7=-12(load case 7), 9=-17(load case 6), 8=-113(load case 7), 10=-117(load case 6)
Max Grav 1=72(load case 10), 7=72(load case 11), 9=296(load case 1), 8=271(load case 11), 10=271(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-120/121, 2-3=-96/148, 3-4=-27/139, 4-5=-2/139, 5-6=-71/148, 6-7=-31/14
BOT CHORD 2-10=-81/110, 9-10=-81/110, 8-9=-81/110, 6-8=-81/110
WEBS 4-9=-274/83, 5-8=-213/185, 3-10=-213/185

JOINT STRESS INDEX
2 = 0.24, 3 = 0.09, 4 = 0.22, 5 = 0.09, 6 = 0.24, 8 = 0.10, 9 = 0.10 and 10 = 0.10

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.

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1 1/2 Crandall Bay Blvd
Boynton Beach, FL 33435

January 30,2008

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931018
L266613	PB17	VALLEY	2	1	Job Reference (optional)

NOTES

4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 1, 12 lb uplift at joint 7, 17 lb uplift at joint 9, 113 lb uplift at joint 8 and 117 lb uplift at joint 10.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1393 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931019
L266613	PB17G	VALLEY	1	1	Job Reference (optional)

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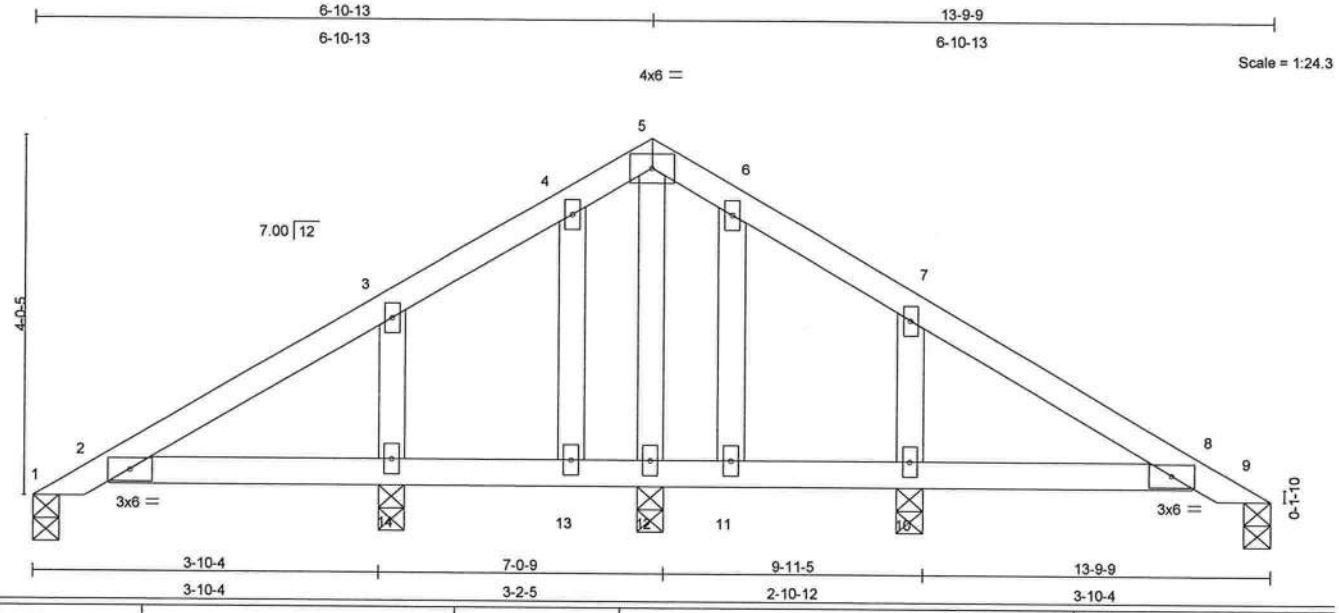

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	-0.01	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	2-14	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.04	Horz(TL)	0.00	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 60 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=53/0-3-8, 9=53/0-3-8, 12=269/0-3-8, 14=246/0-3-8, 10=246/0-3-8
Max Horz 1=-137(load case 4)
Max Uplift 1=-25(load case 4), 9=-21(load case 7), 12=-51(load case 6), 14=-179(load case 6), 10=-175(load case 7)
Max Grav 1=67(load case 10), 9=67(load case 11), 12=269(load case 1), 14=255(load case 10), 10=255(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-136/138, 2-3=-109/170, 3-4=-39/129, 4-5=-16/133, 5-6=-3/133, 6-7=-8/129, 7-8=-84/170, 8-9=-29/14
BOT CHORD	2-14=-103/124, 13-14=-103/124, 12-13=-103/124, 11-12=-103/124, 10-11=-103/124, 8-10=-103/124
WEBS	5-12=-173/18, 3-14=-182/169, 4-13=-51/42, 6-11=-51/40, 7-10=-182/167

Julius Lee
Truss Design Engineer
Florida PE No. 34985
1109 Coastal Bay Blvd
Boynton Beach, FL 33435

JOINT STRESS INDEX

2 = 0.27, 3 = 0.09, 4 = 0.02, 5 = 0.05, 6 = 0.02, 7 = 0.09, 8 = 0.27, 10 = 0.09, 11 = 0.02, 12 = 0.06, 13 = 0.02 and 14 = 0.09

NOTES

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

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931019
L266613	PB17G	VALLEY	1	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 1, 21 lb uplift at joint 9, 51 lb uplift at joint 12, 179 lb uplift at joint 14 and 175 lb uplift at joint 10.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS
9) Truss designed for wind loads in plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail".

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1123 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931020
L266613	PB20	VALLEY	2	1	Job Reference (optional)

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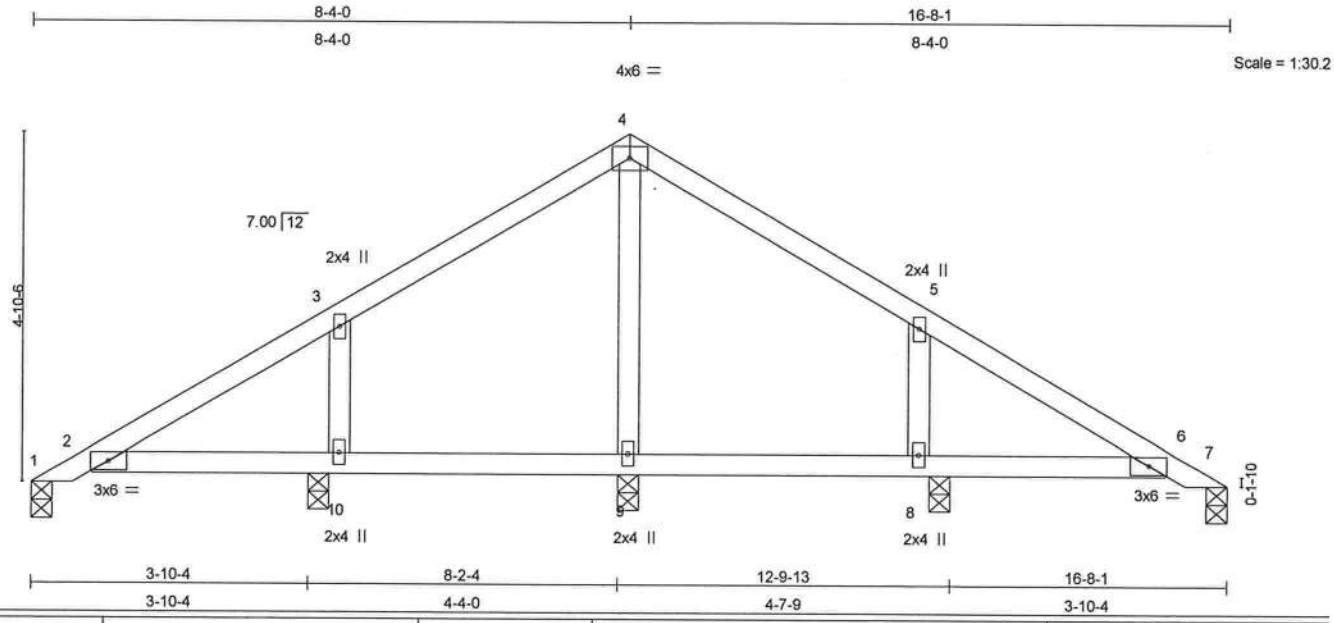

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.14	Vert(LL)	-0.01	6-8	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	-0.01	6-8	>999	240		
BCLL	10.0 *	Rep Stress Incr	YES	WB	0.11	Horz(TL)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 62 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=65/0-3-8, 9=343/0-3-8, 10=289/0-3-8, 8=289/0-3-8, 7=65/0-3-8
Max Horz 1=133(load case 5)
Max Uplift 1=-28(load case 4), 9=-22(load case 6), 10=-130(load case 6), 8=-126(load case 7), 7=-11(load case 7)
Max Grav 1=76(load case 10), 9=343(load case 1), 10=301(load case 10), 8=301(load case 11), 7=76(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-135/136, 2-3=-109/158, 3-4=-32/153, 4-5=-2/153, 5-6=-77/158, 6-7=-33/13
BOT CHORD	2-10=-86/116, 9-10=-86/116, 8-9=-86/116, 6-8=-86/116
WEBS	4-9=-313/97, 3-10=-238/204, 5-8=-238/204

JOINT STRESS INDEX

2 = 0.27, 3 = 0.11, 4 = 0.33, 5 = 0.11, 6 = 0.27, 8 = 0.12, 9 = 0.11 and 10 = 0.12

NOTES

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

Continued on page 2

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931020
L266613	PB20	VALLEY	2	1	Job Reference (optional)

NOTES

5) Bearing at joint(s) 1, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 1, 22 lb uplift at joint 9, 130 lb uplift at joint 10, 126 lb uplift at joint 8 and 11 lb uplift at joint 7.
7) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931021
L266613	PB20G	VALLEY	1	1	Job Reference (optional)

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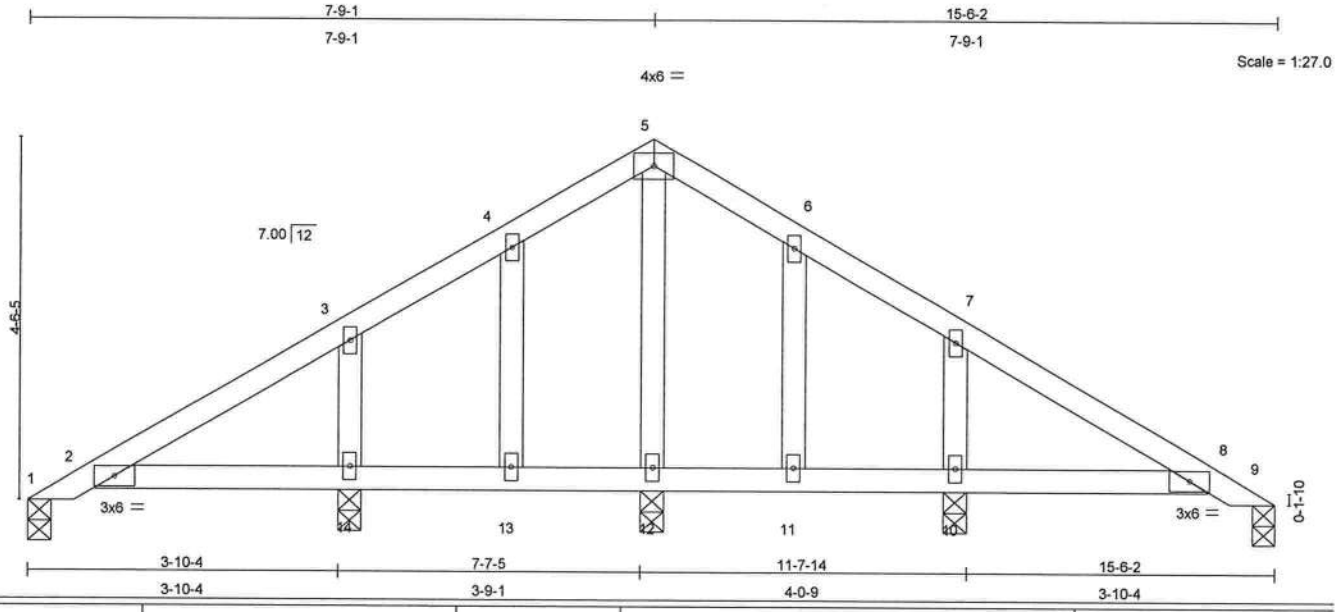

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	0.01	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	8-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.00	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 66 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=61/0-3-8, 9=61/0-3-8, 12=319/0-3-8, 14=267/0-3-8, 10=267/0-3-8
Max Horz 1=154(load case 5)
Max Uplift 1=-34(load case 4), 9=-20(load case 7), 12=-66(load case 6), 14=-197(load case 6), 10=-192(load case 7)
Max Grav 1=71(load case 10), 9=71(load case 11), 12=319(load case 1), 14=279(load case 10), 10=279(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-156/157, 2-3=-124/144, 3-4=-52/98, 4-5=-24/128, 5-6=-0/128, 6-7=-4/98, 7-8=-72/144, 8-9=-31/14
BOT CHORD	2-14=-80/112, 13-14=-80/112, 12-13=-80/112, 11-12=-80/112, 10-11=-80/112, 8-10=-80/112
WEBS	5-12=-233/39, 3-14=-192/175, 4-13=-47/53, 6-11=-47/52, 7-10=-192/173

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

JOINT STRESS INDEX
2 = 0.28, 3 = 0.09, 4 = 0.03, 5 = 0.15, 6 = 0.03, 7 = 0.09, 8 = 0.28, 10 = 0.10, 11 = 0.03, 12 = 0.08, 13 = 0.03 and 14 = 0.10

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

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931021
L266613	PB20G	VALLEY	1	1	Job Reference (optional)

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NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 1, 20 lb uplift at joint 9, 66 lb uplift at joint 12, 197 lb uplift at joint 14 and 192 lb uplift at joint 10.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS
9) Truss designed for wind loads in plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail".

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931022
L266613	PB21	VALLEY	18	1	Job Reference (optional)

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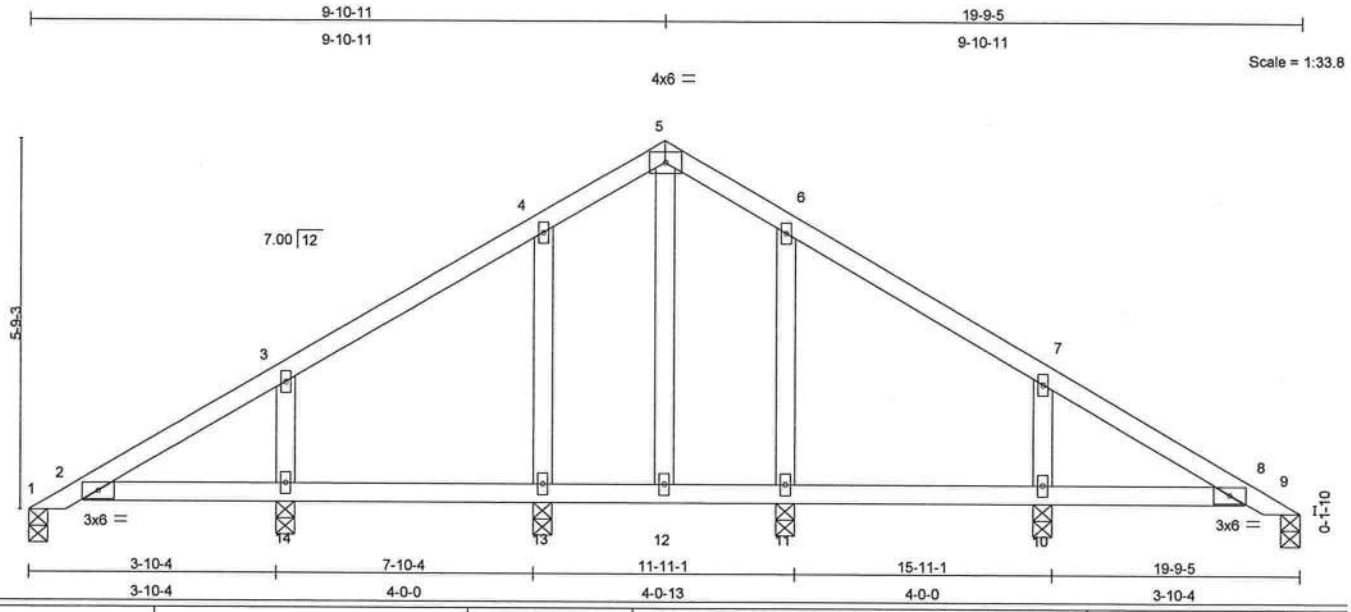

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.15	Vert(LL)	-0.01	8-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	8-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.07	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 85 lb	

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

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

REACTIONS (lb/size) 1=90/0-3-8, 10=281/0-3-8, 11=253/0-3-8, 14=281/0-3-8, 13=253/0-3-8, 9=90/0-3-8
Max Horz 1=-158(load case 4)
Max Uplift 1=-20(load case 4), 10=-118(load case 7), 11=-64(load case 7), 14=-123(load case 6), 13=-75(load case 6)
Max Grav 1=91(load case 10), 10=285(load case 11), 11=253(load case 1), 14=285(load case 10), 13=253(load case 1), 9=91(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-165/154, 2-3=-139/77, 3-4=-69/72, 4-5=-32/84, 5-6=-32/84, 6-7=-43/72, 7-8=-132/77, 8-9=-40/0
BOT CHORD 2-14=-17/160, 13-14=-17/160, 12-13=-17/160, 11-12=-17/160, 10-11=-17/160, 8-10=-17/160
WEBS 5-12=-31/1, 7-10=-225/198, 6-11=-201/153, 3-14=-225/198, 4-13=-201/153

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

JOINT STRESS INDEX
2 = 0.27, 3 = 0.33, 4 = 0.33, 5 = 0.26, 6 = 0.33, 7 = 0.33, 8 = 0.27, 10 = 0.33, 11 = 0.33, 12 = 0.33, 13 = 0.33 and 14 = 0.33

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

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931022
L266613	PB21	VALLEY	18	1	Job Reference (optional)

NOTES

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 plates are 2x4 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 1, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 1, 118 lb uplift at joint 10, 64 lb uplift at joint 11, 123 lb uplift at joint 14 and 75 lb uplift at joint 13.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931023
L266613	PB21G	VALLEY	2	1	Job Reference (optional)

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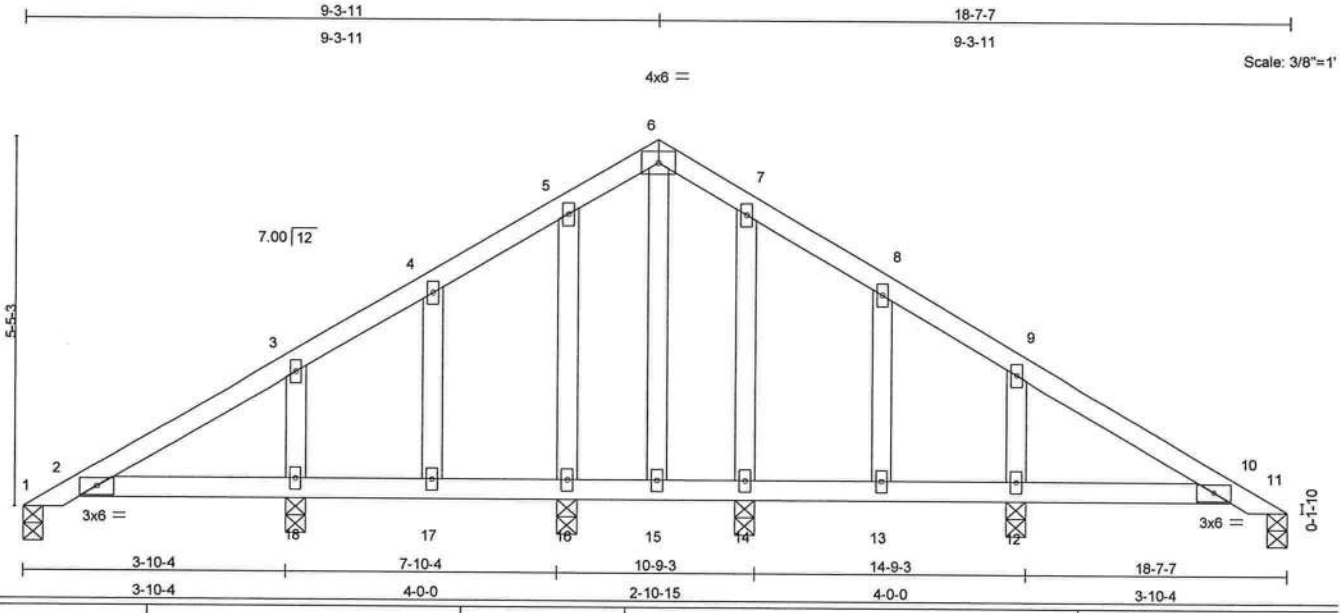

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.11	Vert(LL)	0.01	13	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.08	Vert(TL)	-0.01	10-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 89 lb	

LUMBER

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

BRACING

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

REACTIONS (lb/size) 1=66/0-3-8, 11=66/0-3-8, 12=279/0-3-8, 14=243/0-3-8, 18=279/0-3-8, 16=243/0-3-8
Max Horz 1=-186(load case 4)
Max Uplift 1=-35(load case 4), 12=-201(load case 7), 14=-91(load case 7), 18=-205(load case 6), 16=-109(load case 6)
Max Grav 1=75(load case 10), 11=75(load case 11), 12=283(load case 11), 14=243(load case 1), 18=283(load case 10), 16=243(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-191/186, 2-3=-154/129, 3-4=-84/96, 4-5=-55/116, 5-6=-10/89, 6-7=-4/87, 7-8=0/116, 8-9=-15/80, 9-10=-116/129, 10-11=-33/4
BOT CHORD	2-18=-66/152, 17-18=-66/152, 16-17=-66/152, 15-16=-66/152, 14-15=-66/152, 13-14=-66/152, 12-13=-66/152, 10-12=-66/152
WEBS	6-15=-74/8, 9-12=-194/175, 7-14=-150/92, 3-18=-194/177, 5-16=-150/101, 4-17=-48/61, 8-13=-48/61

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

JOINT STRESS INDEX

2 = 0.29, 3 = 0.33, 4 = 0.33, 5 = 0.33, 6 = 0.26, 7 = 0.33, 8 = 0.33, 9 = 0.33, 10 = 0.29, 12 = 0.33, 13 = 0.33, 14 = 0.33, 15 = 0.33, 16 = 0.33, 17 = 0.33 and 18 = 0.33

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931023
L266613	PB21G	VALLEY	2	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 1, 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 35 lb uplift at joint 1, 201 lb uplift at joint 12, 91 lb uplift at joint 14, 205 lb uplift at joint 18 and 109 lb uplift at joint 16.
8) SEE MiTek STANDARD PIGGYBACK TRUSS CONNECTION DETAIL FOR CONNECTION TO BASE TRUSS
9) Truss designed for wind loads in plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail".

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931024
L266613	T01G	GABLE	1	1	Job Reference (optional)

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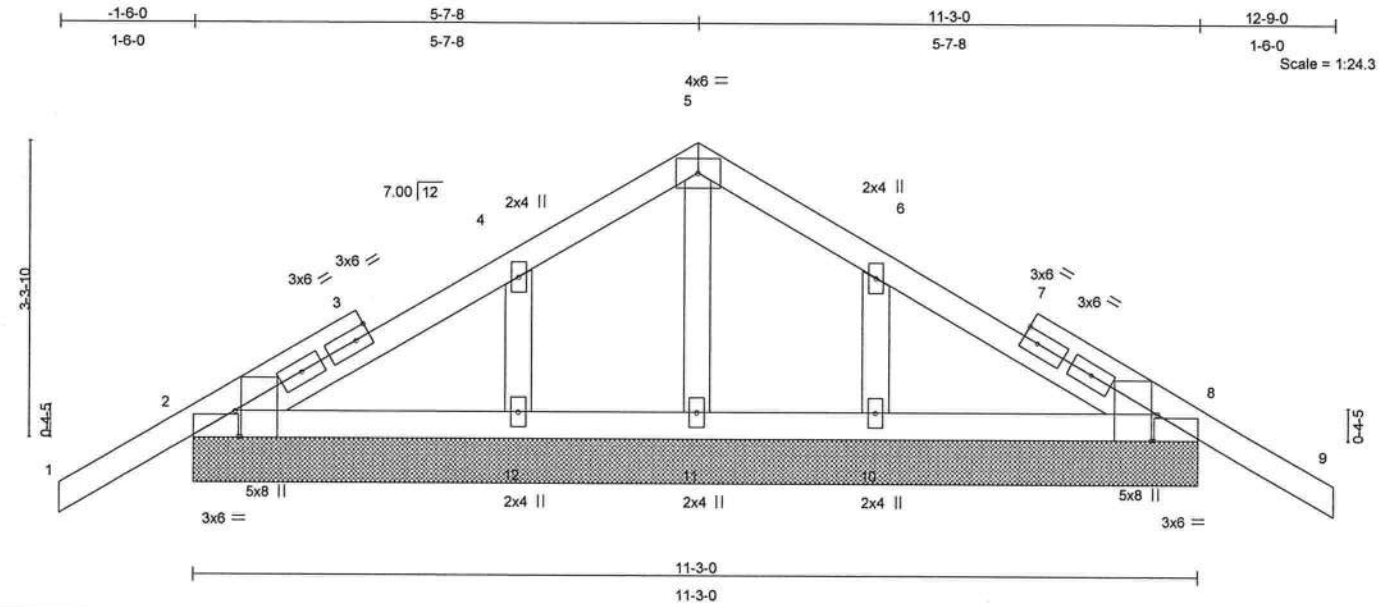

Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-7,Edge], [8:0-3-8,Edge], [8:0-0-7,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.05	Vert(TL)	-0.01	9	n/r	90		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 55 lb	

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

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

REACTIONS (lb/size) 2=188/11-3-0, 8=188/11-3-0, 11=111/11-3-0, 12=198/11-3-0, 10=198/11-3-0
Max Horz 2=108(load case 5)
Max Uplift 2=-141(load case 6), 8=-154(load case 7), 12=-115(load case 6), 10=-118(load case 7)
Max Grav 2=191(load case 10), 8=191(load case 11), 11=111(load case 1), 12=200(load case 10), 10=200(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/39, 2-3=-65/66, 3-4=-58/78, 4-5=-17/86, 5-6=-17/86, 6-7=-16/73, 7-8=-23/26, 8-9=0/39
BOT CHORD 2-12=-24/106, 11-12=-24/106, 10-11=-24/106, 8-10=-24/106
WEBS 5-11=-104/6, 4-12=-163/135, 6-10=-163/137

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

JOINT STRESS INDEX
2 = 0.21, 2 = 0.00, 3 = 0.00, 3 = 0.16, 3 = 0.16, 4 = 0.07, 5 = 0.06, 6 = 0.07, 7 = 0.00, 7 = 0.16, 7 = 0.16, 8 = 0.21, 8 = 0.00, 10 = 0.08, 11 = 0.04 and 12 = 0.08

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

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931024
L266613	T01G	GABLE	1	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 141 lb uplift at joint 2, 154 lb uplift at joint 8, 115 lb uplift at joint 12 and 118 lb uplift at joint 10.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931025
L266613	T02	COMMON	2	1	Job Reference (optional)

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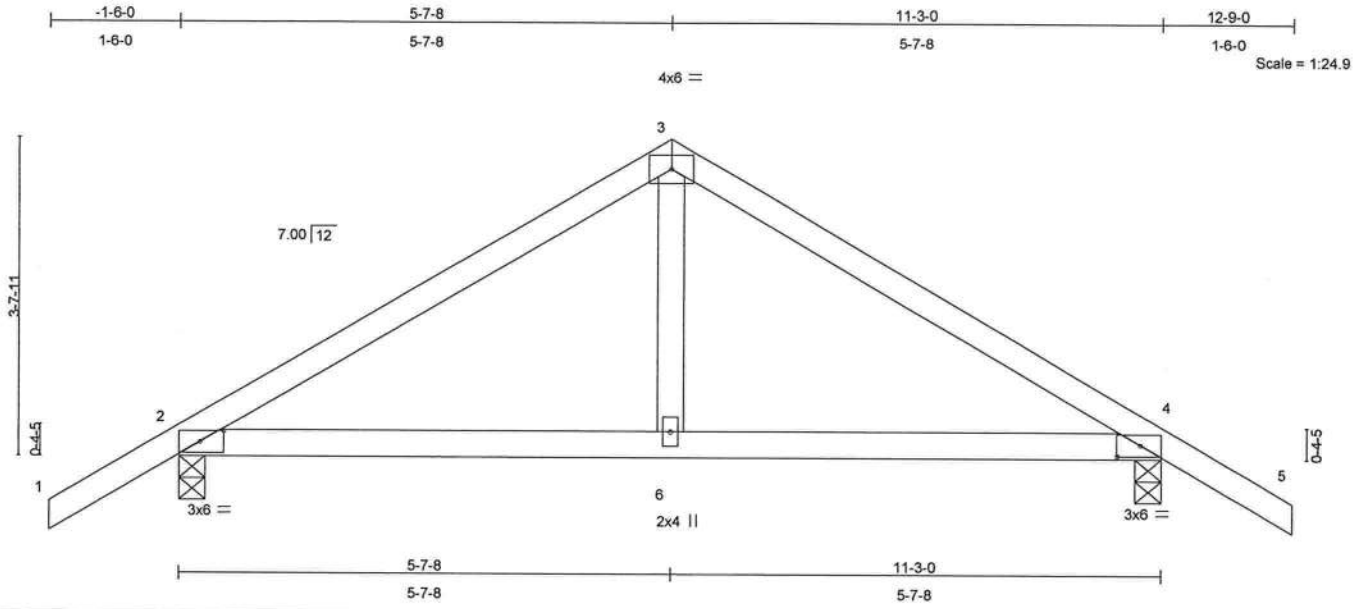

Plate Offsets (X,Y): [2:0-3-3,0-1-8], [4:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	-0.02	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.17	Vert(TL)	-0.04	2-6	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.01	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 46 lb	

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

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=440/0-3-8, 4=440/0-3-8
Max Horz 2=-91(load case 4)
Max Uplift 2=-150(load case 6), 4=-150(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-452/187, 3-4=-452/187, 4-5=0/40
BOT CHORD 2-6=-22/325, 4-6=-22/325
WEBS 3-6=0/189

JOINT STRESS INDEX
2 = 0.31, 3 = 0.51, 4 = 0.31 and 6 = 0.13

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

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1303 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931025
L266613	T02	COMMON	2	1	Job Reference (optional)

NOTES

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

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931026
L266613	T03G	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Jan 30 12:53:57 2008 Page 1

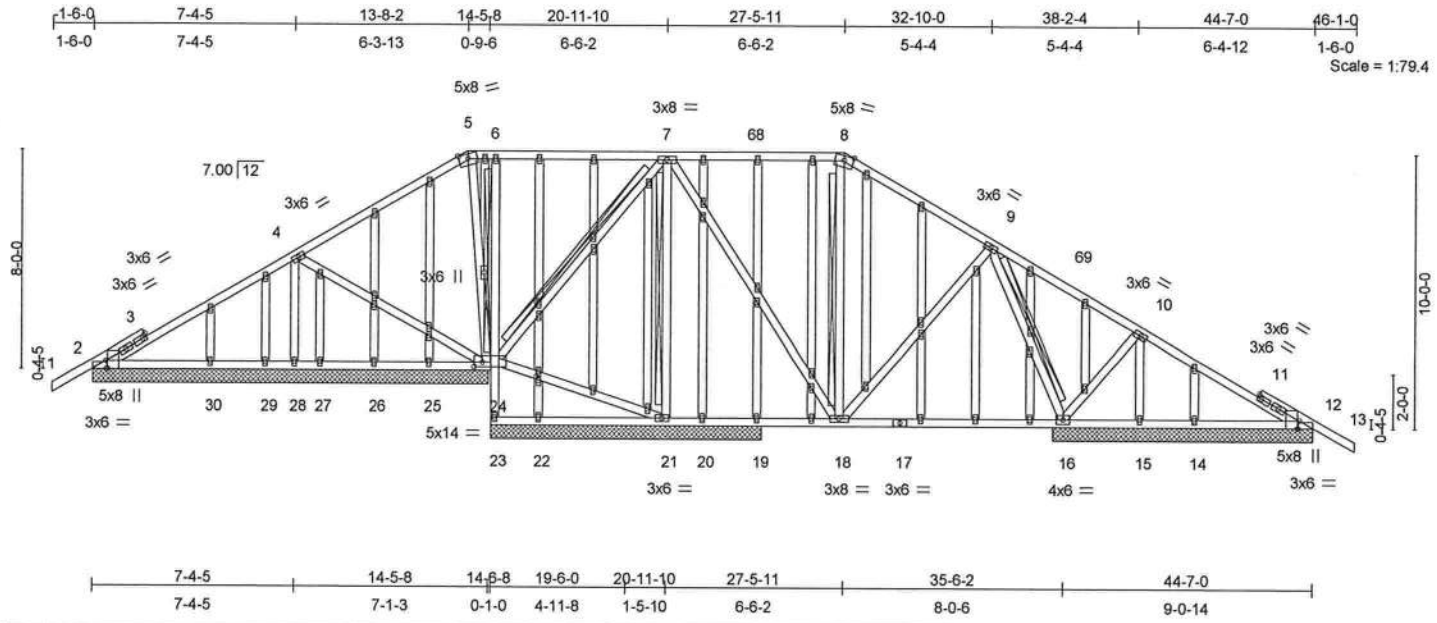

Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-0-7,Edge], [12:0-3-8,Edge], [12:0-0-7,Edge], [24:0-3-12,0-2-0], [40:0-1-8,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.64	Vert(LL)	-0.08	16-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	-0.14	16-18	>970	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.45	Horz(TL)	0.02	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 460 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 6-23 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-8.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 23-24,20-21,19-20,18-19,16-18.
	T-Brace: 2 X 4 SYP No.3 - 6-24
WEBS	T-Brace: 2 X 4 SYP No.3 - 7-24, 7-21, 8-18, 9-16
	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=229/14-5-8, 12=358/9-5-8, 23=-4/9-11-0, 28=797/14-5-8, 24=1005/14-5-8, 21=653/9-11-0, 16=1571/9-5-8, 20=-13/9-11-0, 22=43/9-11-0, 25=30/14-5-8, 26=19/14-5-8, 27=6/14-5-8, 29=-82/14-5-8, 30=166/14-5-8, 19=36/9-11-0, 15=-55/9-5-8, 14=130/9-5-8

Max Horz 2=-333(load case 4)

Max Uplift 2=-120(load case 6), 12=-205(load case 7), 23=-10(load case 2), 28=-484(load case 6), 24=-602(load case 5), 21=-350(load case 4), 16=-757(load case 7), 20=-14(load case 11), 29=-82(load case 10), 30=-59(load case 6), 19=-14(load case 4), 15=-55(load case 11), 14=-26(load case 7)

Max Grav 2=234(load case 10), 12=361(load case 11), 23=4(load case 7), 28=813(load case 10), 24=1005(load case 1), 21=658(load case 11), 16=1588(load case 11), 20=22(load case 2), 22=128(load case 2), 25=71(load case 2), 26=59(load case 2), 27=46(load case 2), 29=62(load case 6), 30=167(load case 10), 19=37(load case 11), 15=22(load case 7), 14=149(load case 2)

Julius Lee
Truss Design Engineer
Florida PE No. 34160
699 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931026
L266613	T03G	SPECIAL	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-5/63, 2-3=-306/242, 3-4=-322/507, 4-5=-133/342, 5-6=-79/242, 6-7=-74/235, 7-68=-305/356, 8-68=-305/356, 8-9=-508/358, 9-69=-127/514, 10-69=-96/264, 10-11=-47/166, 11-12=-88/48, 12-13=-5/63

BOT CHORD 2-30=-301/362, 29-30=-301/362, 28-29=-301/362, 27-28=-301/362, 26-27=-301/362, 25-26=-301/362, 24-25=-301/362, 23-24=0/0, 6-24=-365/318, 22-23=-8/9, 21-22=-8/9, 20-21=-104/250, 19-20=-104/250, 18-19=-104/250, 17-18=-105/156, 16-17=-105/156, 15-16=-24/158, 14-15=-24/158, 12-14=-24/158

WEBS 4-28=-760/462, 4-24=-42/147, 5-24=-427/259, 21-24=-108/253, 7-24=-444/290, 7-21=-638/345, 7-18=-164/437, 8-18=-498/238, 9-18=-98/256, 9-16=-1226/592, 10-16=-469/340

JOINT STRESS INDEX

2 = 0.52, 2 = 0.21, 3 = 0.00, 3 = 0.43, 3 = 0.43, 4 = 0.42, 5 = 0.99, 6 = 0.40, 7 = 0.59, 8 = 0.91, 9 = 0.43, 10 = 0.46, 11 = 0.00, 11 = 0.41 , 11 = 0.41, 12 = 0.43, 12 = 0.21, 14 = 0.34, 15 = 0.34, 16 = 0.38, 17 = 0.22, 18 = 0.59, 19 = 0.34, 20 = 0.34, 21 = 0.35, 22 = 0.34, 23 = 0.34, 24 = 0.96, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.47, 40 = 0.34, 41 = 0.16, 42 = 0.34, 43 = 0.34, 43 = 0.34, 44 = 0.34, 45 = 0.34, 45 = 0.34, 46 = 0.34, 47 = 0.34, 48 = 0.34, 49 = 0.34, 50 = 0.34, 51 = 0.34, 51 = 0.34, 52 = 0.34, 53 = 0.34, 54 = 0.34, 54 = 0.34, 55 = 0.34, 56 = 0.34, 57 = 0.34, 58 = 0.34, 59 = 0.34, 59 = 0.34, 60 = 0.34, 61 = 0.34, 62 = 0.34, 63 = 0.34, 64 = 0.34, 64 = 0.34, 65 = 0.34, 66 = 0.34 and 67 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) 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 plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 120 lb uplift at joint 2, 205 lb uplift at joint 12, 10 lb uplift at joint 23, 484 lb uplift at joint 28, 602 lb uplift at joint 24, 350 lb uplift at joint 21, 757 lb uplift at joint 16, 14 lb uplift at joint 20, 82 lb uplift at joint 29, 59 lb uplift at joint 30, 14 lb uplift at joint 19, 55 lb uplift at joint 15 and 26 lb uplift at joint 14.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-87(F=-33), 5-68=-87(F=-33), 8-68=-114(F=-60), 8-69=-114(F=-60), 13-69=-87(F=-33), 2-24=-10, 12-23=-10

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1 1/2 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931027
L266613	T04	SPECIAL	2	1	Job Reference (optional)

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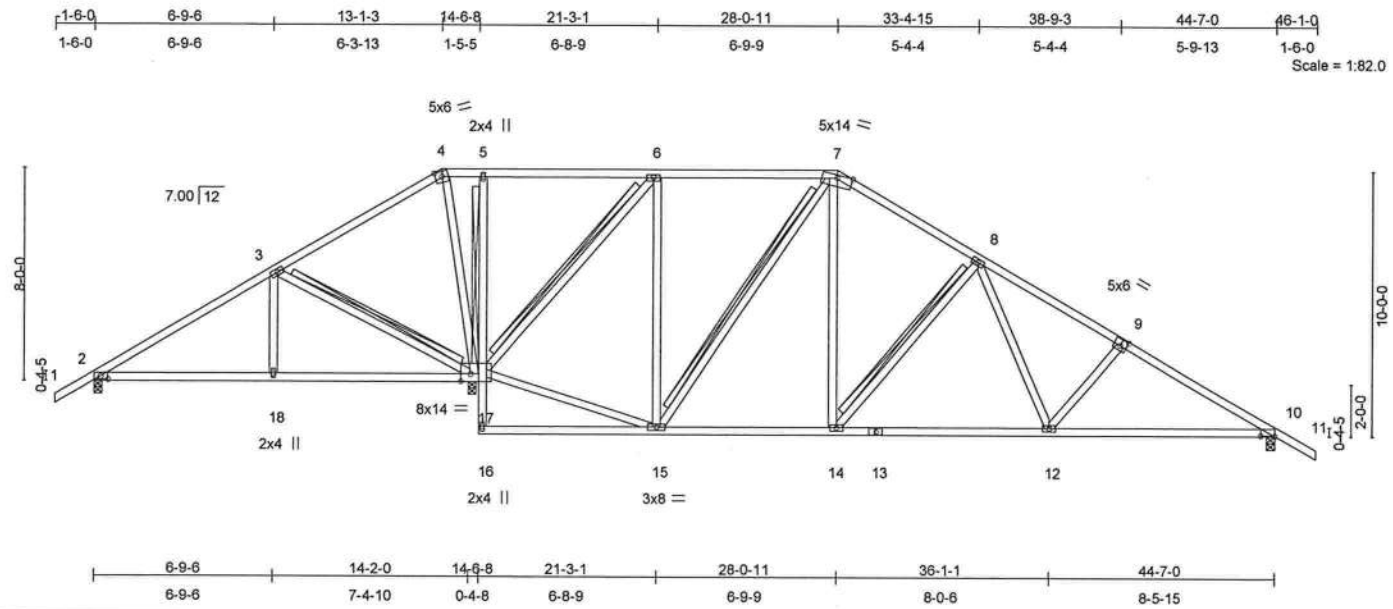

Plate Offsets (X,Y): [2:0-3-4,0-1-8], [9:0-3-0,0-3-0], [10:0-6-0,0-0-6], [17:0-4-12,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.38	Vert(LL)	0.11	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.39	Vert(TL)	-0.20	10-12	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.61	Horz(TL)	0.02	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 286 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 5-16 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-2-5 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 5-17
WEBS T-Brace: 2 X 4 SYP No.3 - 3-17, 6-17, 7-15, 8-14
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=300/0-3-8, 17=1796/0-3-8, 10=916/0-3-8
Max Horz 2=-265(load case 4)
Max Uplift 2=-286(load case 6), 17=-632(load case 5), 10=-269(load case 7)
Max Grav 2=367(load case 10), 17=1796(load case 1), 10=942(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-275/309, 3-4=-187/522, 4-5=-123/469, 5-6=-123/464, 6-7=-284/286, 7-8=-720/431, 8-9=-1191/572, 9-10=-1384/582, 10-11=0/40
BOT CHORD 2-18=-288/193, 17-18=-288/193, 16-17=0/92, 5-17=-281/181, 15-16=-13/85, 14-15=0/569, 13-14=-159/843, 12-13=-159/843, 10-12=-357/1122
WEBS 3-18=-283/243, 3-17=-486/654, 4-17=-426/237, 15-17=-56/307, 6-17=-1061/631, 6-15=-210/456, 7-15=-528/260, 7-14=-199/430, 8-14=-436/318, 8-12=-139/356,

Continued on page 2

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1105 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931027
L266613	T04	SPECIAL	2	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.40, 3 = 0.40, 4 = 0.61, 5 = 0.33, 6 = 0.38, 7 = 1.00, 8 = 0.40, 9 = 0.40, 10 = 0.66, 12 = 0.47, 13 = 0.28, 14 = 0.38, 15 = 0.57, 16 = 0.83, 17 = 0.37 and 18 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 632 lb uplift at joint 17 and 269 lb uplift at joint 10.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931028
L266613	T05G	HIP	1	1	Job Reference (optional)

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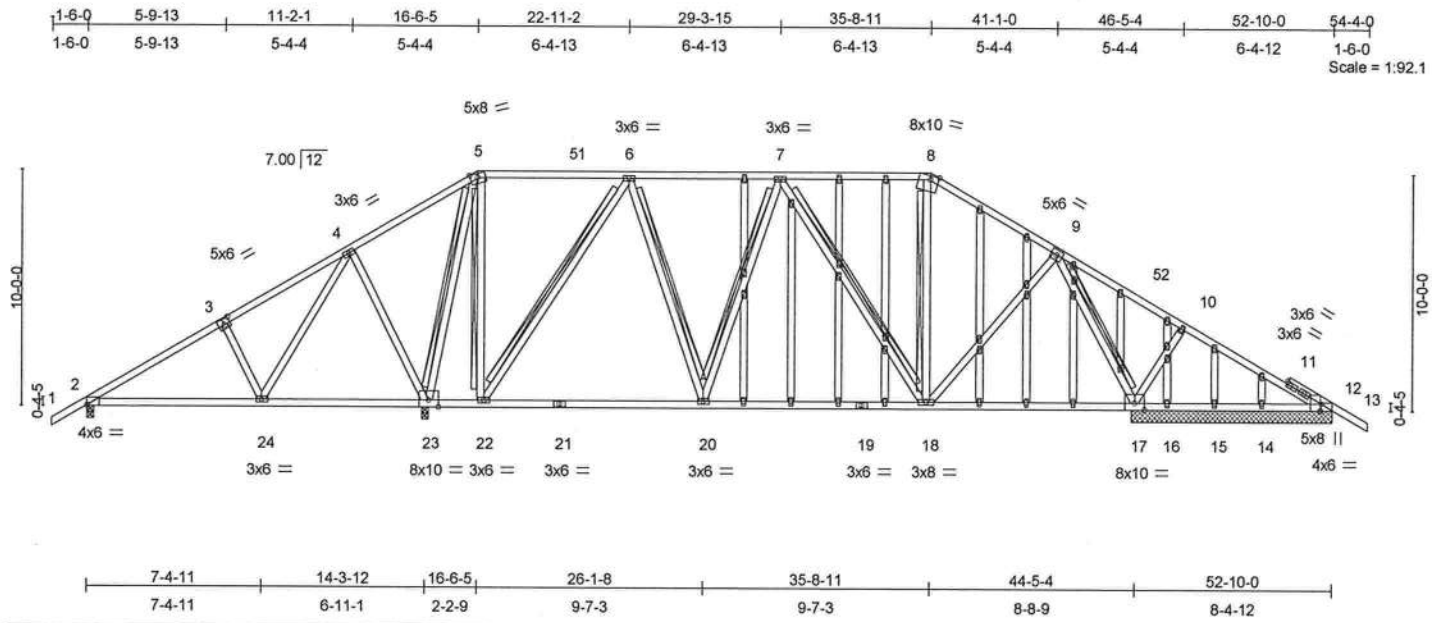

Plate Offsets (X,Y): [2:Edge,0-0-4], [3:0-3-0,0-3-0], [8:0-4-1,Edge], [12:0-3-8,Edge], [12:0-0-7,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	0.37	20-22	>983	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.29	20-22	>999	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.98	Horz(TL)	-0.05	17	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 434 lb	

LUMBER

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

BRACING

TOP CHORD — Structural wood sheathing directly applied or 5-1-8 oc purlins, except
2-0-0 oc purlins (5-5-3 max.): 5-8.

BOT CHORD — Rigid ceiling directly applied or 5-5-1 oc bracing.

WEBS — T-Brace: 2 X 4 SYP No.3 - 5-23, 5-22, 6-20, 7-20, 7-18, 8-18, 9-17
2 X 6 SYP No.1D - 6-22
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 12=202/8-6-8, 2=406/0-3-8, 23=2115/0-3-8, 17=2515/8-6-8, 16=-44/8-6-8, 15=-8/8-6-8, 14=119/8-6-8
Max Horz 2=-342(load case 4)
Max Uplift 12=-153(load case 7), 2=-340(load case 6), 23=-2053(load case 5), 17=-2427(load case 4), 16=-119(load case 2), 15=-18(load case 5), 14=-56(load case 7)
Max Grav 12=206(load case 11), 2=414(load case 10), 23=2115(load case 1), 17=2533(load case 11), 16=162(load case 5), 15=70(load case 2), 14=119(load case 11)

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931028
L266613	T05G	HIP	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-376/307, 3-4=-242/352, 4-5=-255/355, 5-51=-214/402, 6-51=-214/402, 6-7=-1113/1464, 7-8=-993/1338, 8-9=-1297/1545, 9-52=-559/749, 10-52=-433/487, 10-11=-415/454, 11-12=-344/231, 12-13=-21/63

BOT CHORD 2-24=-291/259, 23-24=-77/286, 22-23=-232/196, 21-22=-1011/957, 20-21=-1011/957, 19-20=-1288/1235, 18-19=-1288/1235, 17-18=-508/524, 16-17=-275/447, 15-16=-275/447, 14-15=-275/447, 12-14=-275/447

WEBS 3-24=-265/264, 4-24=-571/362, 4-23=-422/512, 5-23=-1713/1828, 5-22=-1507/1205, 6-22=-1389/1544, 6-20=-721/526, 7-20=-418/358, 7-18=-475/531, 8-18=-115/73, 9-18=-766/730, 9-17=-2272/2350, 10-17=-467/465

JOINT STRESS INDEX

2 = 0.26, 3 = 0.45, 4 = 0.36, 5 = 0.60, 6 = 0.93, 7 = 0.50, 8 = 0.93, 9 = 0.75, 10 = 0.34, 11 = 0.00, 11 = 0.37, 11 = 0.37, 12 = 0.43, 12 = 0.12, 14 = 0.34, 15 = 0.34, 16 = 0.34, 17 = 0.44, 18 = 0.73, 19 = 0.46, 20 = 0.50, 21 = 0.47, 22 = 0.93, 23 = 0.34, 24 = 0.46, 25 = 0.34, 26 = 0.34, 27 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.34, 41 = 0.34, 41 = 0.34, 42 = 0.34, 43 = 0.34, 44 = 0.34, 44 = 0.34, 45 = 0.34, 46 = 0.34, 47 = 0.34, 48 = 0.34, 48 = 0.34, 49 = 0.34 and 50 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) 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 plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 12, 340 lb uplift at joint 2, 2053 lb uplift at joint 23, 2427 lb uplift at joint 17, 119 lb uplift at joint 16, 18 lb uplift at joint 15 and 56 lb uplift at joint 14.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-51=-54, 8-51=-114(F=-60), 8-52=-114(F=-60), 13-52=-87(F=-33), 2-12=-10

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931029
L266613	T06	HIP	3	1	Job Reference (optional)

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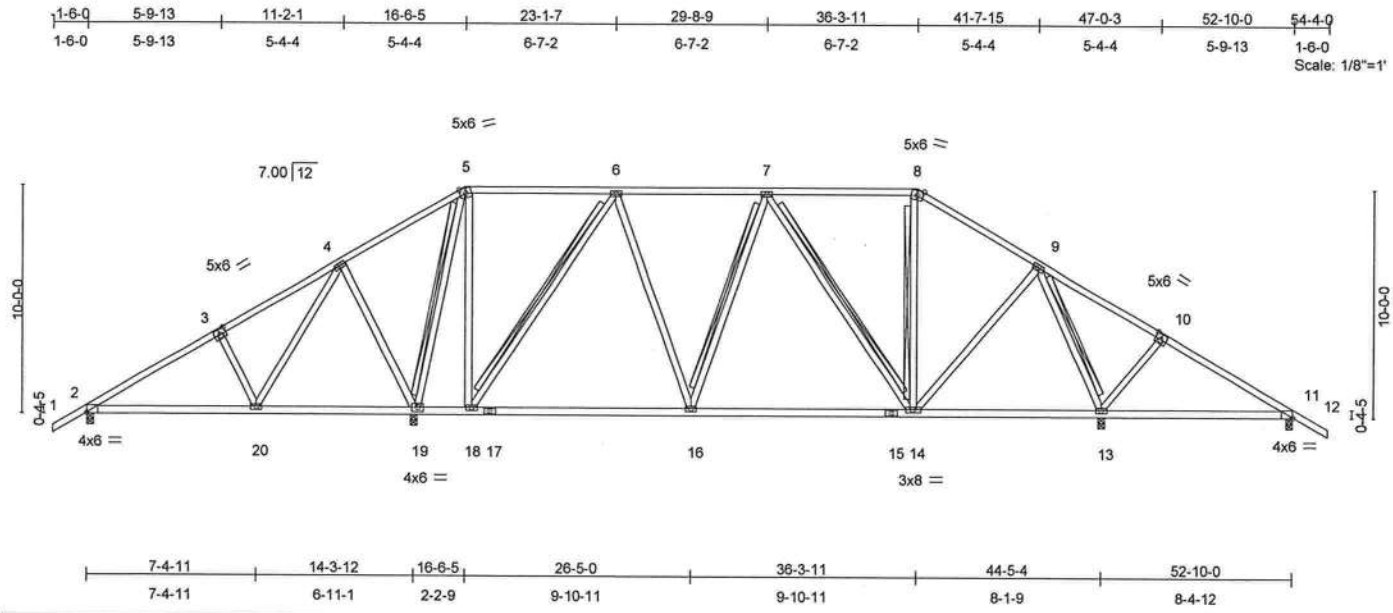

Plate Offsets (X,Y): [2:0-0-0,0-0-4], [3:0-3-0,0-3-0], [10:0-3-0,0-3-0], [11:Edge,0-0-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.24	11-13	>407	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.27	16-18	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.02	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 331 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
2-0-0 oc purlins (6-0-0 max.): 5-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 19-20,11-13.
WEBS T-Brace: 2 X 4 SYP No.3 - 5-19, 6-18, 7-16, 7-14 , 8-14, 9-13
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=434/0-3-8, 19=1544/0-3-8, 13=1339/0-3-8, 11=223/0-3-8
Max Horz 2=-268(load case 4)
Max Uplift 2=-271(load case 6), 19=-743(load case 5), 13=-482(load case 4), 11=-223(load case 7)
Max Grav 2=440(load case 10), 19=1544(load case 1), 13=1356(load case 11), 11=229(load case 11)

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931029
L266613	T06	HIP	3	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-426/364, 3-4=-292/409, 4-5=-172/303, 5-6=-129/146, 6-7=-613/421, 7-8=-508/407, 8-9=-657/401, 9-10=-44/334, 10-11=-71/169, 11-12=0/40

BOT CHORD 2-20=-283/302, 19-20=-37/214, 18-19=0/335, 17-18=-123/532, 16-17=-123/532, 15-16=-155/658, 14-15=-155/658, 13-14=0/221, 11-13=-122/118

WEBS 3-20=-265/254, 4-20=-574/366, 4-19=-423/512, 5-19=-1144/506, 5-18=-246/675, 6-18=-747/432, 6-16=-110/311, 7-16=-166/165, 7-14=-302/158, 8-14=-45/107, 9-14=-122/447, 9-13=-1129/466, 10-13=-283/284

JOINT STRESS INDEX

2 = 0.25, 3 = 0.45, 4 = 0.35, 5 = 0.57, 6 = 0.48, 7 = 0.48, 8 = 0.47, 9 = 0.40, 10 = 0.58, 11 = 0.42, 13 = 0.48, 14 = 0.57, 15 = 0.31, 16 = 0.48, 17 = 0.23, 18 = 0.43, 19 = 0.30 and 20 = 0.45

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; 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) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 271 lb uplift at joint 2, 743 lb uplift at joint 19, 482 lb uplift at joint 13 and 223 lb uplift at joint 11.

LOAD CASE(S) Standard

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931030
L266613	T07	SPECIAL	11	1	Job Reference (optional)

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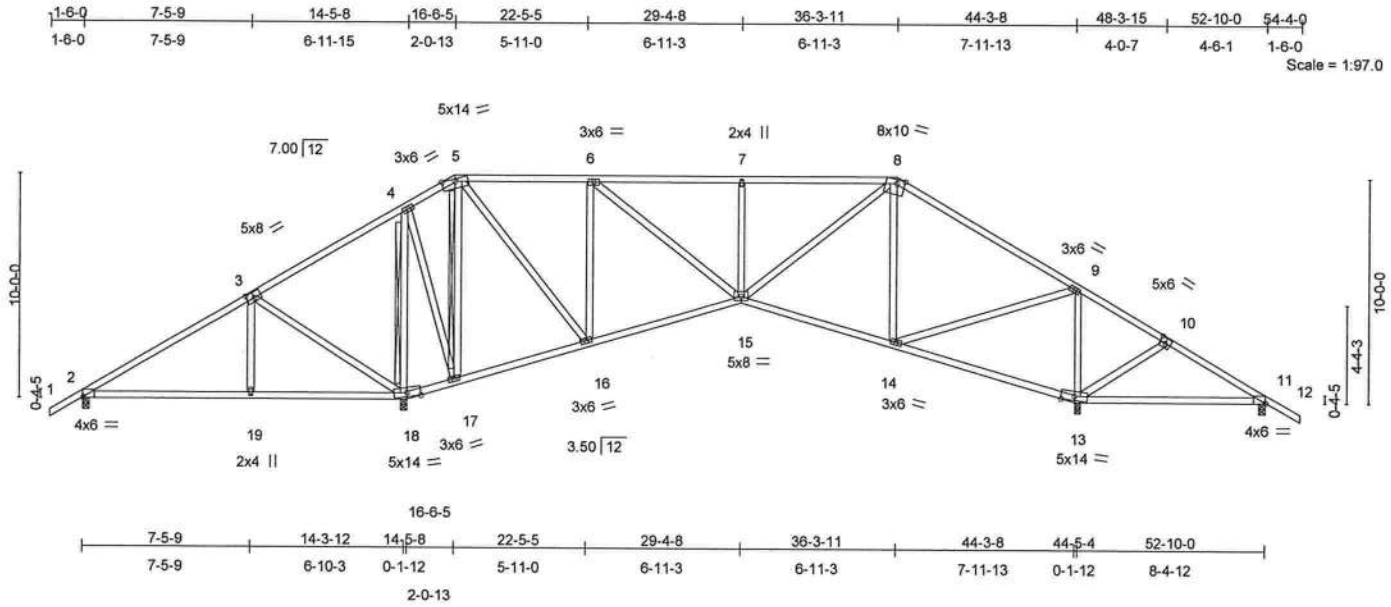

Plate Offsets (X,Y): [2:0-0-0,0-0-4], [3:0-4-0,0-3-0], [8:0-4-1,Edge], [10:0-3-0,0-3-0], [11:Edge,0-0-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.52	Vert(LL)	0.24	11-13	>428	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.14	11-13	>720	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.07	13	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 320 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
2-0-0 oc purlins (6-0-0 max.): 5-8.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing , Except:
10-0-0 oc bracing: 15-16,14-15.
WEBS T-Brace: 2 X 4 SYP No.3 - 4-18, 5-17
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=295/0-3-8, 18=1705/0-3-8, 13=1467/0-3-8, 11=73/0-3-8
Max Horz 2=268(load case 5)
Max Uplift 2=-285(load case 6), 18=-773(load case 5), 13=-505(load case 4), 11=-245(load case 7)
Max Grav 2=314(load case 10), 18=1705(load case 1), 13=1488(load case 11), 11=73(load case 11)

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931030
L266613	T07	SPECIAL	11	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-144/288, 3-4=-259/556, 4-5=-92/211, 5-6=-407/281, 6-7=-853/393, 7-8=-853/393, 8-9=-636/309, 9-10=-132/568, 10-11=-143/407, 11-12=0/40

BOT CHORD 2-19=-209/174, 18-19=-205/177, 17-18=-457/515, 16-17=-197/431, 15-16=-102/433, 14-15=-43/474, 13-14=-490/327, 11-13=-329/119

WEBS 3-19=-288/240, 3-18=-495/657, 4-18=-1249/509, 4-17=-260/893, 5-17=-913/342, 5-16=-334/834, 6-16=-726/356, 6-15=-148/571, 7-15=-384/244, 8-15=-220/529, 8-14=-475/182, 9-14=-190/958, 9-13=-1164/487, 10-13=-181/199

JOINT STRESS INDEX

2 = 0.34, 3 = 0.64, 4 = 0.71, 5 = 0.55, 6 = 0.34, 7 = 0.33, 8 = 0.81, 9 = 0.51, 10 = 0.23, 11 = 0.53, 13 = 0.60, 14 = 0.50, 15 = 0.56, 16 = 0.64, 17 = 0.81, 18 = 0.69 and 19 = 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; 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) 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 285 lb uplift at joint 2, 773 lb uplift at joint 18, 505 lb uplift at joint 13 and 245 lb uplift at joint 11.

LOAD CASE(S) Standard

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931031
L266613	T08	SPECIAL	1	1	Job Reference (optional)

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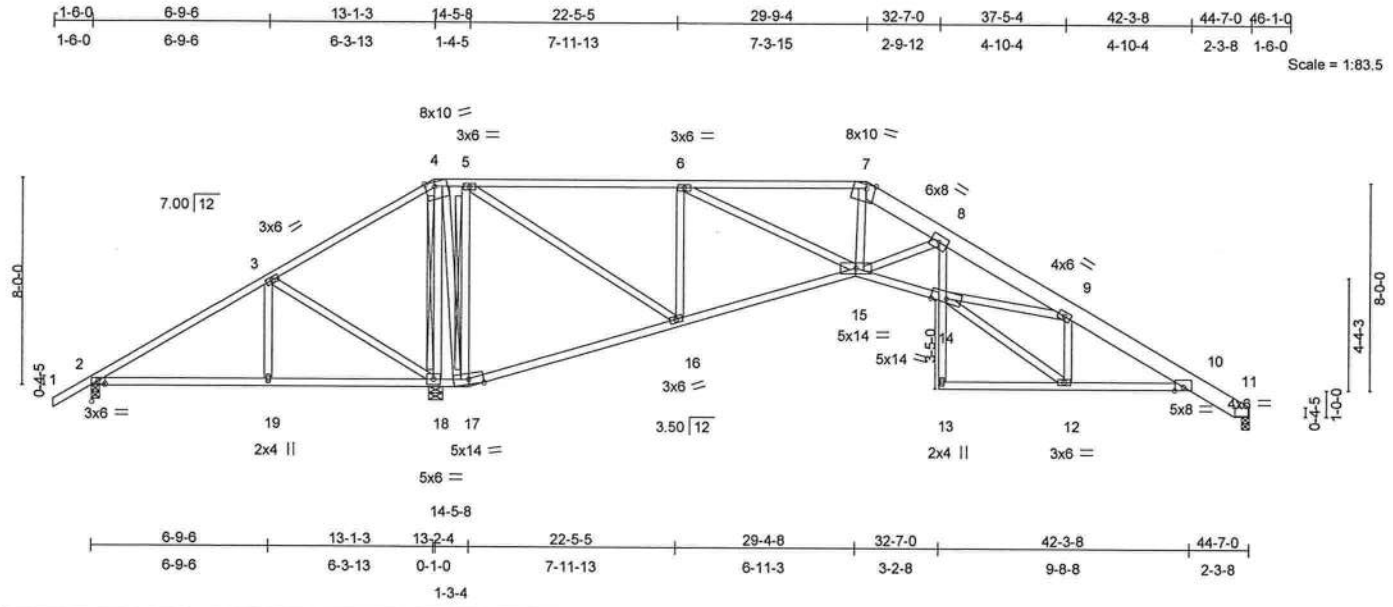

Plate Offsets (X,Y): [2:0-3-4,0-1-8], [4:13-1-3,8-4-1], [4:0-4-1,Edge], [7:0-4-1,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	-0.17	14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.48	Vert(TL)	-0.32	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.87	Horz(TL)	0.19	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 286 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except* 7-11 2 X 8 SYP 2400F 2.0E
BOT CHORD 2 X 4 SYP No.2 *Except* 8-13 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (5-10-0 max.): 4-7.
BOT CHORD Rigid ceiling directly applied or 5-4-1 oc bracing. Except:
1 Row at midpt 10-13
WEBS T-Brace: 2 X 4 SYP No.3 - 4-18, 5-17
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 11=682/0-3-8, 2=-244/0-3-8, 18=2488/0-6-7
Max Horz 2=227(load case 5)
Max Uplift 11=-170(load case 7), 2=-547(load case 11), 18=-633(load case 5)
Max Grav 11=694(load case 11), 2=7(load case 10), 18=2488(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-161/1262, 3-4=-535/1515, 4-5=-301/1056, 5-6=-179/152, 6-7=-1015/397, 7-8=-1135/397, 8-9=-1905/710, 9-10=-1342/622, 10-11=-299/157
BOT CHORD 2-19=-1057/339, 18-19=-1057/339, 17-18=-1276/772, 16-17=-1126/726, 15-16=-173/275, 14-15=-359/1600, 13-14=0/66, 8-14=-222/550, 12-13=-1/22, 10-12=-479/1229
WEBS 3-19=-250/210, 3-18=-448/595, 4-18=-2110/862, 4-17=-518/1347, 5-17=-1084/496, 5-16=-515/1268, 6-16=-906/446, 6-15=-308/1085, 7-15=0/252, 8-15=-605/354,

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931031
L266613	T08	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.48, 3 = 0.40, 4 = 0.76, 4 = 0.00, 5 = 0.72, 6 = 0.60, 7 = 0.81, 8 = 0.15, 9 = 0.30, 10 = 0.41, 12 = 0.86, 13 = 0.50, 14 = 0.44, 15 = 0.50, 16 = 0.76, 17 = 0.56, 18 = 0.36 and 19 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 11, 547 lb uplift at joint 2 and 633 lb uplift at joint 18.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1 1993 Gemstal Bay Blvd
Boynton Beach, FL 33435

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931032
L266613	T08A	SPECIAL	1	1	Job Reference (optional)

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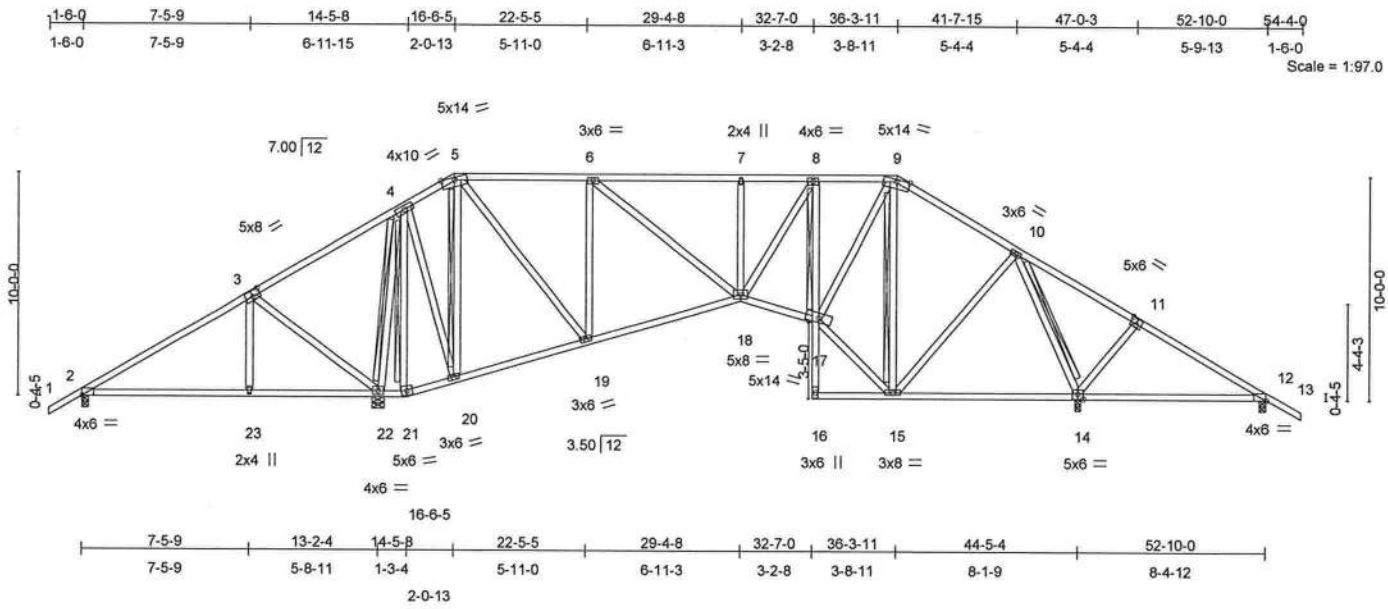

Plate Offsets (X,Y): [2:0-0-0,0-0-4], [3:0-4-0,0-3-0], [11:0-3-0,0-3-0], [12:Edge,0-0-4], [14:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	0.24	12-14	>413	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.15	18-19	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.69	Horz(TL)	0.09	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 363 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 8-16 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 8-17
WEBS T-Brace: 2 X 4 SYP No.3 - 4-22, 4-21, 5-20, 9-15, 10-14
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=244/0-3-8, 14=1530/0-3-8, 22=1716/0-6-7, 12=50/0-3-8
Max Horz 2=268(load case 5)
Max Uplift 2=-273(load case 6), 14=-520(load case 4), 22=-749(load case 5), 12=-243(load case 7)
Max Grav 2=265(load case 10), 14=1538(load case 11), 22=1716(load case 1), 12=52(load case 11)

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931032
L266613	T08A	SPECIAL	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-61/314, 3-4=-269/604, 4-5=-35/187, 5-6=-503/376, 6-7=-937/479, 7-8=-937/479, 8-9=-708/438, 9-10=-487/392, 10-11=-146/665, 11-12=-174/482, 12-13=0/40

BOT CHORD 2-23=-242/184, 22-23=-244/187, 21-22=-297/381, 20-21=-302/394, 19-20=-65/328, 18-19=-150/533, 17-18=-157/743, 16-17=-18/15, 8-17=-503/223, 15-16=-6/7, 14-15=-66/143, 12-14=-385/178

WEBS 3-23=-268/221, 3-22=-470/616, 4-22=-1305/560, 4-21=-43/46, 4-20=-271/875, 5-20=-830/299, 5-19=-325/826, 6-19=-723/353, 6-18=-131/553, 7-18=-304/221, 8-18=-157/427, 15-17=-35/478, 9-17=-244/733, 9-15=-696/216, 10-15=-157/548, 10-14=-1319/536, 11-14=-285/283

JOINT STRESS INDEX

2 = 0.33, 3 = 0.64, 4 = 0.61, 5 = 0.50, 6 = 0.34, 7 = 0.33, 8 = 0.29, 9 = 0.65, 10 = 0.45, 11 = 0.60, 12 = 0.42, 14 = 0.59, 15 = 0.56, 16 = 0.15, 17 = 0.36, 18 = 0.45, 19 = 0.64, 20 = 0.79, 21 = 0.20, 22 = 0.30 and 23 = 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; 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) 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 273 lb uplift at joint 2, 520 lb uplift at joint 14, 749 lb uplift at joint 22 and 243 lb uplift at joint 12.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931033
L266613	T08G	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Jan 30 15:47:46 2008 Page 1

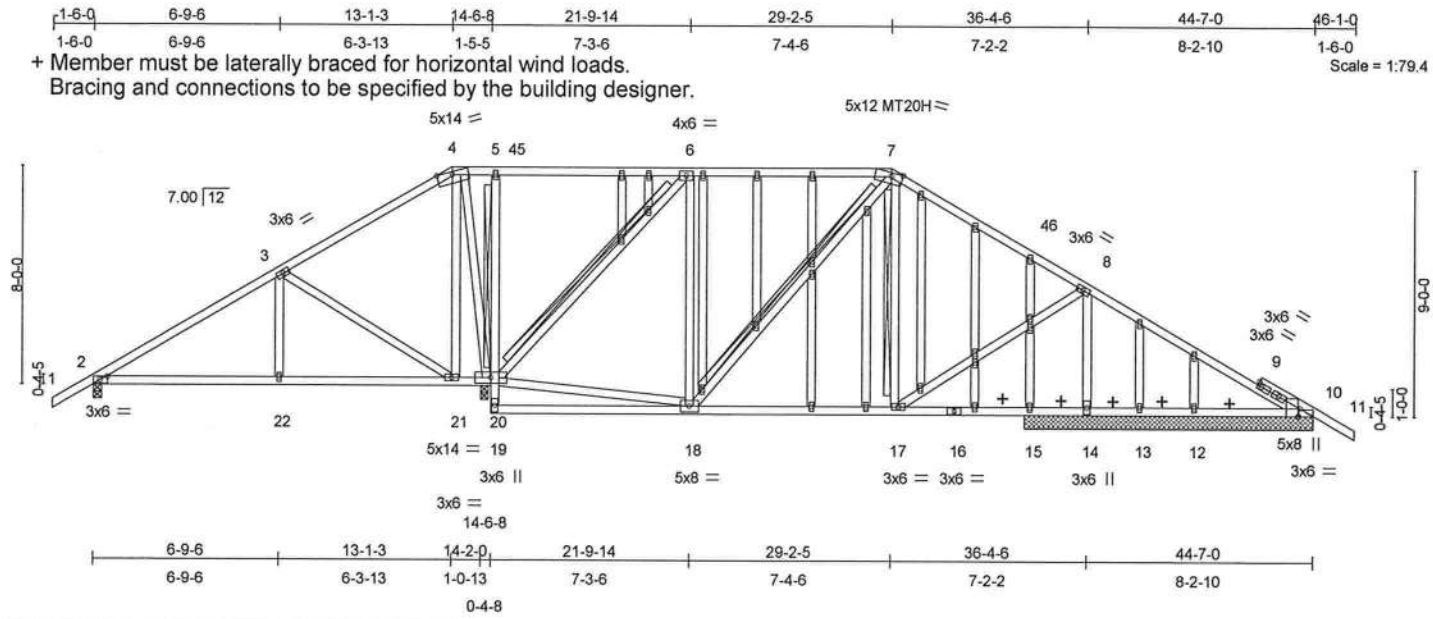

Plate Offsets (X,Y): [2:0-3-4,0-1-8], [7:0-5-0,Edge], [10:0-0-7,Edge], [10:0-3-8,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.88	Vert(LL)	0.11	2-22	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.56	Vert(TL)	-0.12	17-18	>999	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.87	Horz(TL)	0.01	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 369 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2
BOT CHORD	2 X 4 SYP No.2 *Except* 5-19 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 19-20,18-19 9-6-13 oc bracing: 17-18. T-Brace: 2 X 4 SYP No.3 - 5-20
WEBS	T-Brace: 2 X 4 SYP No.3 - 6-20, 7-18, 7-17 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance. Brace must cover 90% of web length.

REACTIONS (lb/size) 10=211/10-6-0, 2=347/0-3-8, 20=2018/0-3-8, 14=1782/10-6-0, 15=45/10-6-0, 13=-73/10-6-0, 12=205/10-6-0

Max Horz 2=305(load case 5)

Max Uplift 10=-159(load case 7), 2=-329(load case 6), 20=-1699(load case 5), 14=-1300(load case 4), 13=-74(load case 11), 12=-120(load case 7)

Max Grav 10=217(load case 11), 2=364(load case 10), 20=2018(load case 1), 14=1808(load case 11), 15=109(load case 2), 13=82(load case 7), 12=206(load case 11)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1105 Coastal Bay Blvd
Boynton Beach, FL 33435

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FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-268/246, 3-4=-284/381, 4-5=-262/358, 5-45=-250/345, 6-45=-250/345, 6-7=-543/588, 7-46=-462/580, 8-46=-801/656, 8-9=-387/583, 9-10=-299/287, 10-11=-21/63

BOT CHORD 2-22=-222/291, 21-22=-222/291, 20-21=-257/448, 19-20=0/102, 5-20=-582/596, 18-19=0/95, 17-18=-436/545, 16-17=-350/432, 15-16=-350/432, 14-15=-350/432, 13-14=-350/432, 12-13=-350/432, 10-12=-350/432

WEBS 3-22=-264/222, 3-21=-460/610, 4-21=-469/323, 4-20=-503/563, 18-20=-498/513, 6-20=-1218/1046, 6-18=0/207, 7-18=-46/63, 7-17=-499/430, 8-17=-717/1039, 8-14=-1781/1439

JOINT STRESS INDEX

2 = 0.44, 3 = 0.42, 4 = 0.72, 5 = 0.85, 6 = 0.37, 7 = 0.94, 8 = 0.85, 9 = 0.00, 9 = 0.47, 9 = 0.47, 10 = 0.68, 10 = 0.21, 12 = 0.34, 13 = 0.34, 14 = 0.47, 15 = 0.34, 16 = 0.15, 17 = 0.61, 18 = 0.29, 19 = 0.38, 20 = 0.51, 21 = 0.35, 22 = 0.34, 23 = 0.34, 24 = 0.34, 25 = 0.34, 26 = 0.34, 27 = 0.34, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.34, 40 = 0.34, 41 = 0.34, 42 = 0.34, 42 = 0.34, 43 = 0.34 and 44 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) 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 plates are MT20 plates unless otherwise indicated.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) The following joint(s) require plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection: 7.
9) Gable studs spaced at 2-0-0 oc.
10) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 10, 329 lb uplift at joint 2 , 1699 lb uplift at joint 20, 1300 lb uplift at joint 14, 74 lb uplift at joint 13 and 120 lb uplift at joint 12.
12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-45=-54, 7-45=-114(F=-60), 7-46=-114(F=-60), 11-46=-87(F=-33), 2-20=-10, 10-19=-10

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931034
L266613	T09	SPECIAL	1	1	Job Reference (optional)

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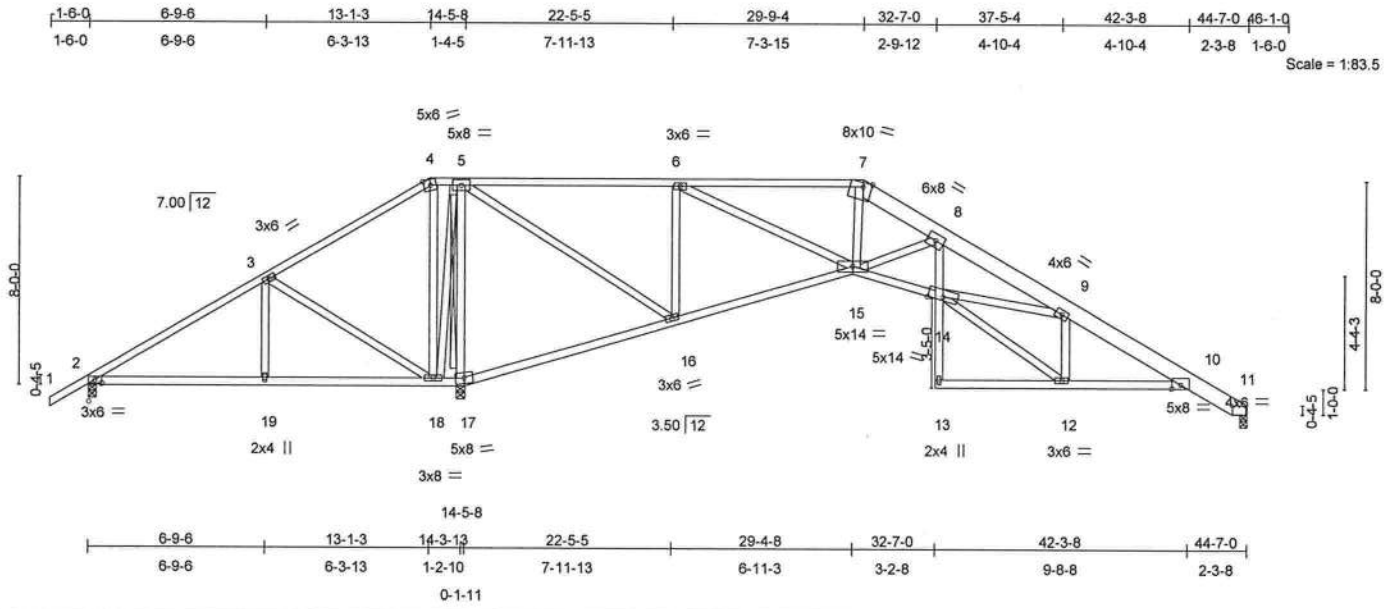

Plate Offsets (X,Y): [2:0-3-4,0-1-8], [4:13-1-3,8-4-5], [7:0-4-1,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.77	Vert(LL)	-0.14	14	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.43	Vert(TL)	-0.27	14	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.16	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 286 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2 *Except* 7-11 2 X 8 SYP 2400F 2.0E
BOT CHORD 2 X 4 SYP No.2 *Except* 8-13 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 4-7.
BOT CHORD Rigid ceiling directly applied or 5-3-6 oc bracing. Except:
1 Row at midpt 10-13
WEBS T-Brace: 2 X 4 SYP No.3 - 5-17
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 11=634/0-3-8, 2=-135/0-3-8, 17=2428/0-4-0
Max Horz 2=227(load case 5)
Max Uplift 11=-168(load case 7), 2=-471(load case 11), 17=-624(load case 4)
Max Grav 11=642(load case 11), 2=98(load case 10), 17=2428(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-76/1103, 3-4=-368/1331, 4-5=-239/1115, 5-6=-19/220, 6-7=-778/333, 7-8=-879/328, 8-9=-1605/626, 9-10=-1202/583, 10-11=-276/151
BOT CHORD 2-19=-920/291, 18-19=-920/291, 17-18=-1202/712, 16-17=-1304/774, 15-16=-239/343, 14-15=-285/1336, 13-14=0/66, 8-14=-207/503, 12-13=-1/21, 10-12=-443/1099
WEBS 3-19=-269/233, 3-18=-496/619, 4-18=-620/196, 5-18=-675/778, 5-17=-1880/1221, 5-16=-487/1216, 6-16=-890/440, 6-15=-311/1072, 7-15=0/168, 8-15=-567/340,

Continued on page 2

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931034
L266613	T09	SPECIAL	1	1	Job Reference (optional)

JOINT STRESS INDEX

2 = 0.42, 3 = 0.40, 4 = 0.56, 4 = 0.00, 5 = 0.55, 6 = 0.60, 7 = 0.85, 8 = 0.15, 9 = 0.30, 10 = 0.37, 12 = 0.77, 13 = 0.49, 14 = 0.38, 15 = 0.46, 16 = 0.73, 17 = 0.97, 18 = 0.83 and 19 = 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; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 168 lb uplift at joint 11, 471 lb uplift at joint 2 and 624 lb uplift at joint 17.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931035
L266613	T10G	SPECIAL	1	1	Job Reference (optional)

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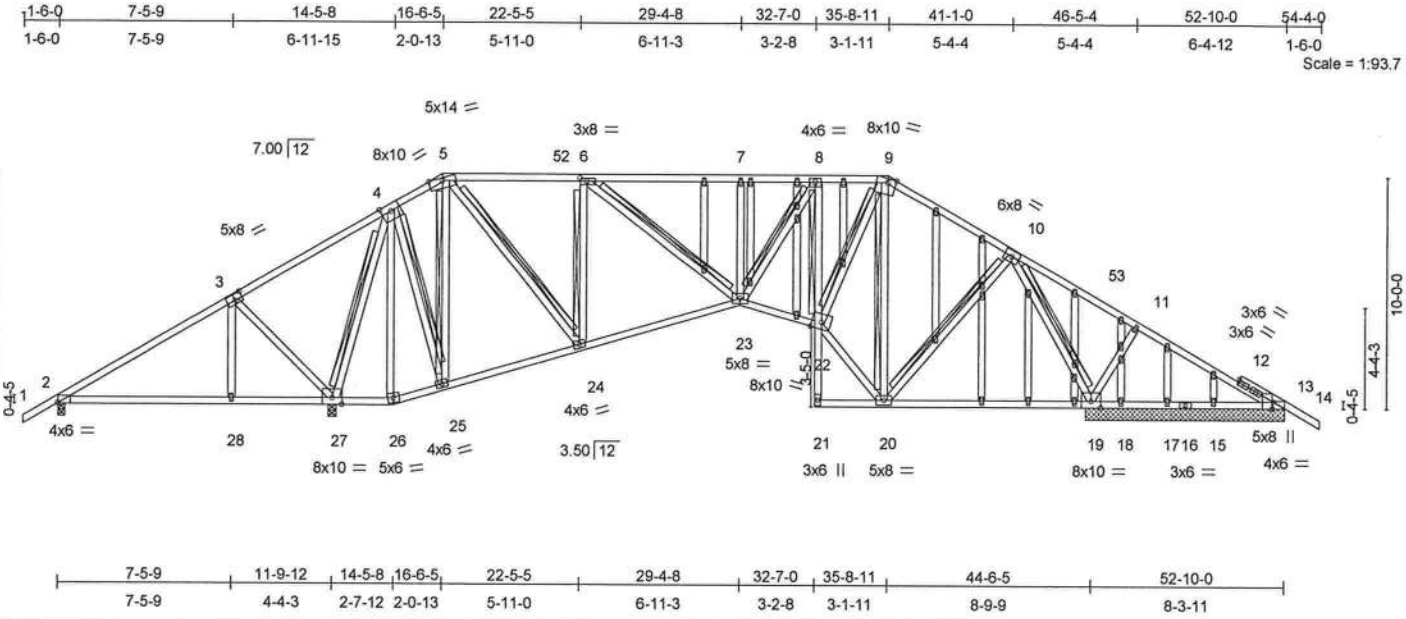

Plate Offsets (X,Y): [2:Edge,0-0-4], [3:0-4-0,0-3-0], [6:0-3-8,0-1-8], [9:0-4-1,Edge], [13:0-3-8,Edge], [13:0-0-7,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.92	Vert(LL)	0.55	23-24	>718	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.65	Vert(TL)	-0.28	23-24	>999	240		
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.93	Horz(TL)	-0.29	19	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 434 lb	

LUMBER

TOP CHORD	2 X 4 SYP No.2 *Except* 5-9 2 X 4 SYP No.1D
BOT CHORD	2 X 4 SYP No.2 *Except* 8-21 2 X 4 SYP No.3
WEBS	2 X 4 SYP No.3 *Except* 10-19 2 X 4 SYP No.2
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-3-0 oc purlins, except 2-0-0 oc purlins (4-3-2 max.): 5-9.
BOT CHORD	Rigid ceiling directly applied or 3-8-15 oc bracing. Except: T-Brace: 2 X 4 SYP No.3 - 8-22
WEBS	T-Brace: 2 X 4 SYP No.3 - 4-27, 4-25, 5-25, 6-24, 6-23, 8-23, 9-22, 9-20, 10-20, 10-19 2 X 6 SYP No.1D - 5-24 Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance. Brace must cover 90% of web length.

REACTIONS (lb/size) 13=-94/8-6-8, 2=-8/0-3-8, 27=2405/0-4-0, 19=2937/8-6-8, 18=-74/8-6-8, 17=13/8-6-8, 15=73/8-6-8

Max Horz 2=645(load case 5)

Max Uplift 13=-214(load case 10), 2=-276(load case 11), 27=-2458(load case 5), 19=-2830(load case 4), 18=-172(load case 2), 17=-42(load case 5), 15=-25(load case 7)

Max Grav 13=315(load case 5), 2=362(load case 5), 27=2405(load case 1), 19=2937(load case 1), 18=209(load case 5), 17=87(load case 2), 15=81(load case 5)

Julius Lee
Truss Design Engineer
Florida PE# No. 34166
1199 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931035
L266613	T10G	SPECIAL	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-1392/755, 3-4=-1630/1026, 4-5=-205/388, 5-52=-1047/1955, 6-52=-1046/1955, 6-7=-1909/3405, 7-8=-1909/3405, 8-9=-1430/2517, 9-10=-1055/1760, 10-53=-1942/1420, 11-53=-1734/1158, 11-12=-1719/1134, 12-13=-1589/904, 13-14=-37/63

BOT CHORD 2-28=-620/684, 27-28=-621/687, 26-27=-238/240, 25-26=-243/251, 24-25=-362/120, 23-24=-1930/1097, 22-23=-2502/1496, 21-22=-15/37, 8-22=-961/1575, 20-21=0/159, 19-20=-116/180, 18-19=-871/1559, 17-18=-871/1559, 16-17=-871/1559, 15-16=-871/1559, 13-15=-871/1559

WEBS 3-28=-243/209, 3-27=-455/587, 4-27=-2107/3455, 4-26=-65/61, 4-25=-2172/1217, 5-25=-1202/1846, 5-24=-2610/1484, 6-24=-1350/1938, 6-23=-1847/1099, 7-23=-681/881, 8-23=-1637/900, 20-22=-1744/1146, 9-22=-2510/1573, 9-20=-1523/2164, 10-20=-1440/924, 10-19=-2732/4081, 11-19=-441/544

JOINT STRESS INDEX

2 = 0.38, 3 = 0.70, 4 = 0.85, 5 = 0.70, 6 = 0.98, 7 = 0.50, 8 = 0.59, 9 = 0.80, 10 = 0.95, 11 = 0.34, 12 = 0.00, 12 = 0.30, 12 = 0.27, 13 = 0.53, 13 = 0.12, 15 = 0.34, 16 = 0.53, 17 = 0.34, 18 = 0.34, 19 = 0.73, 20 = 0.56, 21 = 0.18, 22 = 0.51, 23 = 0.54, 24 = 0.80, 25 = 0.80, 26 = 0.20, 27 = 0.51, 28 = 0.34, 29 = 0.34, 30 = 0.34, 31 = 0.34, 32 = 0.34, 33 = 0.34, 34 = 0.34, 35 = 0.34, 35 = 0.34, 36 = 0.34, 37 = 0.34, 38 = 0.34, 39 = 0.34, 40 = 0.34, 41 = 0.34, 42 = 0.34, 42 = 0.34, 43 = 0.34, 44 = 0.34, 45 = 0.34, 46 = 0.34, 47 = 0.34, 47 = 0.34, 48 = 0.34, 49 = 0.34, 49 = 0.34, 50 = 0.34 and 51 = 0.34

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) 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 plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 214 lb uplift at joint 13, 276 lb uplift at joint 2, 2458 lb uplift at joint 27, 2830 lb uplift at joint 19, 172 lb uplift at joint 18, 42 lb uplift at joint 17 and 25 lb uplift at joint 15.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-52=-54, 9-52=-114(F=-60), 9-53=-114(F=-60), 14-53=-87(F=-33), 2-26=-10, 23-26=-10, 22-23=-10, 13-21=-10

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931036
L266613	T11	SPECIAL	3	1	Job Reference (optional)

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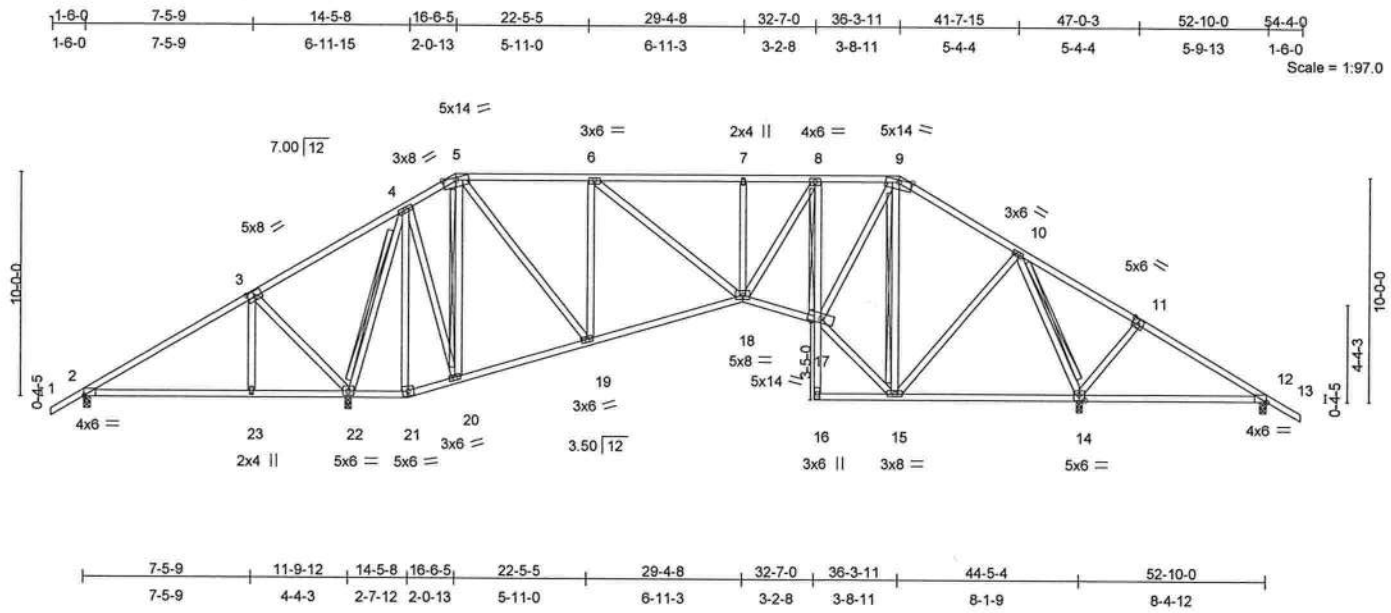

Plate Offsets (X,Y): [2:0-0-0,0-0-4], [3:0-4-0,0-3-0], [11:0-3-0,0-3-0], [12:Edge,0-0-4], [14:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	0.24	12-14	>414	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.29	Vert(TL)	-0.17	18-19	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.09	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 362 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2 *Except* 8-16 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 5-10-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 8-17
WEBS T-Brace: 2 X 4 SYP No.3 - 4-22, 5-20, 9-15, 10-14
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=188/0-3-8, 14=1618/0-3-8, 22=1713/0-3-8, 12=23/0-3-8
Max Horz 2=268(load case 5)
Max Uplift 2=-247(load case 6), 14=-536(load case 4), 22=-713(load case 5), 12=-241(load case 7)
Max Grav 2=208(load case 10), 14=1618(load case 1), 22=1713(load case 1), 12=28(load case 11)

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

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January 30,2008

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-117/376, 3-4=-270/648, 4-5=-187/287, 5-6=-623/458, 6-7=-1038/550, 7-8=-1038/550, 8-9=-768/482, 9-10=-511/411, 10-11=-165/718, 11-12=-193/535, 12-13=0/40

BOT CHORD 2-23=-295/201, 22-23=-297/203, 21-22=-105/276, 20-21=-107/287, 19-20=-47/236, 18-19=-211/657, 17-18=-188/805, 16-17=-18/15, 8-17=-579/254, 15-16=-6/7, 14-15=-74/146, 12-14=-428/199

WEBS 3-23=-260/211, 3-22=-454/584, 4-22=-1400/627, 4-21=-49/45, 4-20=-228/762, 5-20=-736/259, 5-19=-316/809, 6-19=-705/344, 6-18=-117/528, 7-18=-304/221, 8-18=-194/514, 15-17=-50/506, 9-17=-283/812, 9-15=-753/244, 10-15=-179/599, 10-14=-1404/585, 11-14=-286/284

JOINT STRESS INDEX

2 = 0.32, 3 = 0.65, 4 = 0.94, 5 = 0.51, 6 = 0.34, 7 = 0.33, 8 = 0.29, 9 = 0.65, 10 = 0.48, 11 = 0.61, 12 = 0.42, 14 = 0.57, 15 = 0.58, 16 = 0.15, 17 = 0.36, 18 = 0.45, 19 = 0.62, 20 = 0.69, 21 = 0.19, 22 = 0.27 and 23 = 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; 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) 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 247 lb uplift at joint 2, 536 lb uplift at joint 14, 713 lb uplift at joint 22 and 241 lb uplift at joint 12.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931037
L266613	T12G	GABLE	1	1	Job Reference (optional)

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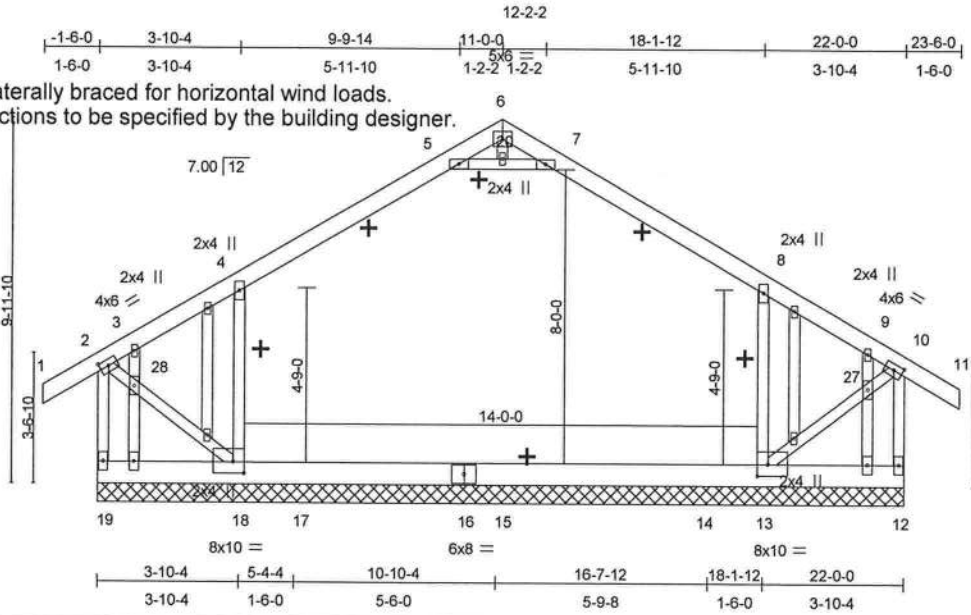

Plate Offsets (X,Y): [2:0-2-14,0-2-0], [10:0-2-14,0-2-0], [13:0-3-7,0-3-12], [18:0-3-7,0-3-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.01	15-17	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	14-15	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.21	Horz(TL)	0.00	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 196 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D
BOT CHORD	2 X 8 SYP 2400F 2.0E
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

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

REACTIONS (lb/size) 19=802/0-3-8, 12=802/0-3-8, 15=646/0-3-8, 17=497/0-3-8, 14=497/0-3-8
Max Horz 19=-381(load case 4)
Max Uplift 19=-169(load case 7), 12=-168(load case 6), 17=-192(load case 5), 14=-188(load case 4)
Max Grav 19=802(load case 1), 12=802(load case 1), 15=646(load case 1), 17=619(load case 11), 14=619(load case 12)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/45, 2-3=-550/144, 3-4=-524/157, 4-5=-613/285, 5-6=-97/20, 6-7=-97/25, 7-8=-613/285, 8-9=-524/156, 9-10=-550/142, 10-11=0/45, 2-19=-780/202, 10-12=-780/202
BOT CHORD	18-19=-334/349, 17-18=-107/443, 16-17=-107/443, 15-16=-107/443, 14-15=-107/443, 13-14=-107/443, 12-13=-30/66
WEBS	5-20=-396/389, 7-20=-396/389, 4-18=-412/184, 8-13=-412/183, 6-20=-26/55, 2-28=-103/568, 18-28=-100/572, 13-27=-99/572, 10-27=-102/568, 3-28=-10/10, 9-27=-10/10

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

JOINT STRESS INDEX

2 = 0.32, 3 = 0.34, 4 = 0.16, 5 = 0.15, 6 = 0.20, 7 = 0.15, 8 = 0.16, 9 = 0.34, 10 = 0.32, 12 = 0.15, 13 = 0.10, 16 = 0.09, 18 = 0.10, 19 = 0.15, 20 = 0.34, 21 = 0.34, 22 = 0.34, 23 = 0.16, 24 = 0.34, 25 = 0.34, 26 = 0.16, 27 = 0.71 and 28 = 0.71

January 30,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931037
L266613	T12G	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-20, 7-20; Wall dead load (5.0psf) on member(s).4-18, 8-13
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 17-18, 15-17, 14-15, 13-14
9) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 169 lb uplift at joint 19, 168 lb uplift at joint 12, 192 lb uplift at joint 17 and 188 lb uplift at joint 14.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1309 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931038
L266613	T13	ATTIC	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 30 11:45:13 2008 Page 1

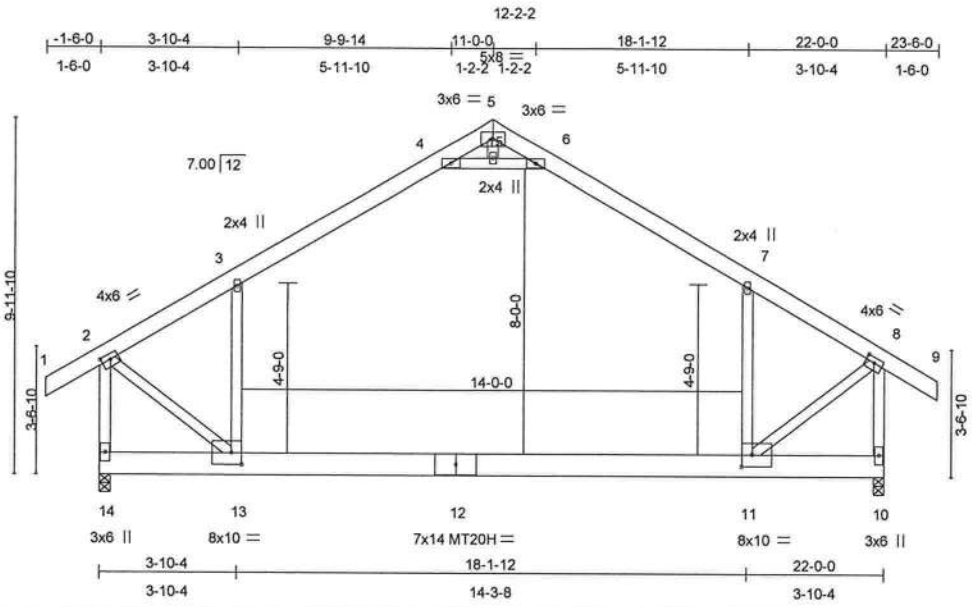

Plate Offsets (X,Y): [2:0-3-0,0-1-12], [8:0-3-0,0-1-12], [11:0-3-8,0-4-0], [13:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.91	Vert(LL)	-0.50	11-13	>520	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.80	11-13	>326	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.01	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 176 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

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) 14=1622/0-3-8, 10=1622/0-3-8
Max Horz 14=-298(load case 4)
Max Uplift 14=-25(load case 6), 10=-25(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/45, 2-3=-1425/132, 3-4=-1148/275, 4-5=-19/994, 5-6=-19/994, 6-7=-1148/275, 7-8=-1425/132, 8-9=0/45, 2-14=-1934/178, 8-10=-1934/178
BOT CHORD 13-14=-266/296, 12-13=0/1063, 11-12=0/1063, 10-11=-1/65
WEBS 4-15=-2223/353, 6-15=-2223/353, 3-13=-6/520, 7-11=-6/520, 5-15=-22/247, 2-13=0/1316, 8-11=0/1316

JOINT STRESS INDEX
2 = 0.80, 3 = 0.47, 4 = 0.68, 5 = 0.81, 6 = 0.68, 7 = 0.47, 8 = 0.80, 10 = 0.31, 11 = 0.21, 12 = 0.65, 13 = 0.21, 14 = 0.31 and 15 = 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; 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.

Continued on page 2

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

January 30,2008

Builders FirstSource

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931038
L266613	T13	ATTIC	2	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) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15; Wall dead load (5.0psf) on member(s).3-13, 7-11
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
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 25 lb uplift at joint 14 and 25 lb uplift at joint 10.

LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1 1063 Crandal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931039
L266613	T14	ATTIC	8	1	Job Reference (optional)

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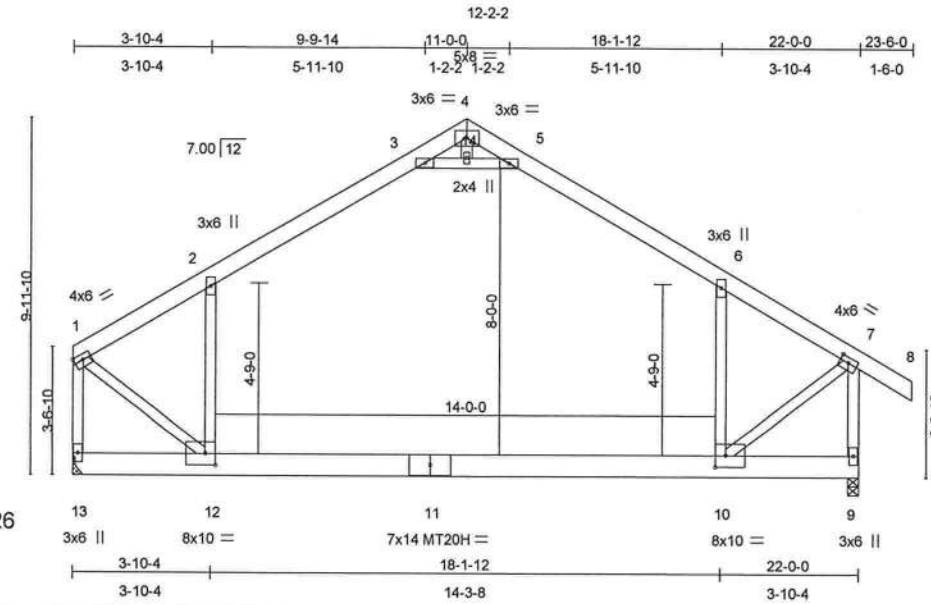

Simpson HTU26

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.91	Vert(LL)	-0.50	10-12	>517	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.49	Vert(TL)	-0.80	10-12	>325	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.54	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 172 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

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) 13=1530/Mechanical, 9=1625/0-3-8
Max Horz 13=-267(load case 4)
Max Uplift 9=-19(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1425/87, 2-3=-1152/261, 3-4=0/1004, 4-5=0/996, 5-6=-1153/257, 6-7=-1431/110, 7-8=0/45, 1-13=-1832/102, 7-9=-1942/151
BOT CHORD 12-13=-214/288, 11-12=0/1068, 10-11=0/1068, 9-10=-1/64
WEBS 3-14=-2240/303, 5-14=-2240/303, 2-12=-9/517, 6-10=-2/521, 4-14=-17/249, 1-12=-38/1310, 7-10=0/1323

JOINT STRESS INDEX
1 = 0.82, 2 = 0.21, 3 = 0.68, 4 = 0.81, 5 = 0.68, 6 = 0.21, 7 = 0.82, 9 = 0.31, 10 = 0.21, 11 = 0.65, 12 = 0.21, 13 = 0.31 and 14 = 0.33

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

Julius Lee
Truss Design Engineer
Florida PE No. 34169
1105 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931039
L266613	T14	ATTIC	8	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) Ceiling dead load (5.0 psf) on member(s). 2-3, 5-6, 3-14, 5-14; Wall dead load (5.0psf) on member(s).2-12, 6-10
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-12
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 19 lb uplift at joint 9.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931040
L266613	T15	ATTIC	1	2	Job Reference (optional)

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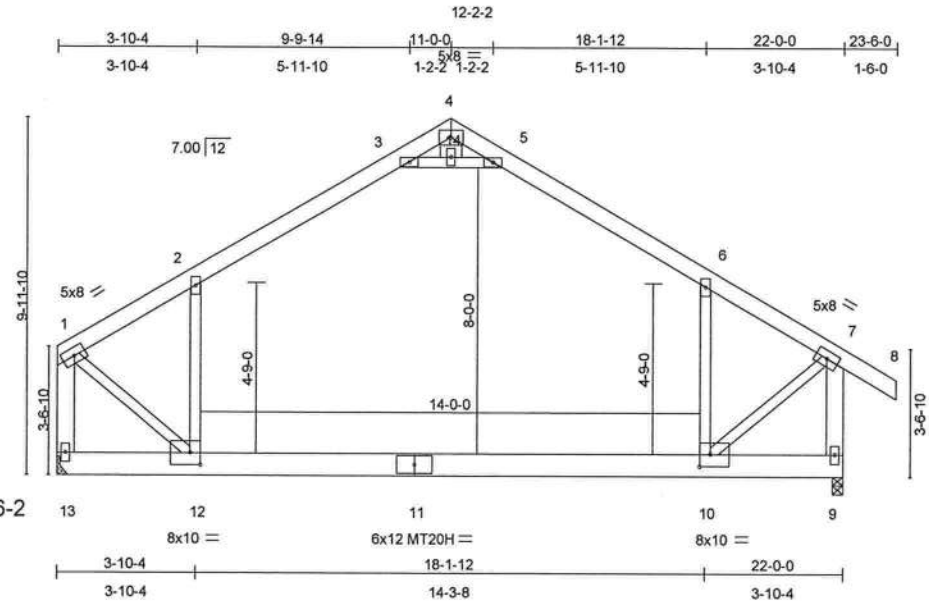

Plate Offsets (X,Y): [10:0-3-8,0-4-0], [12:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-8-8	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.68	Vert(LL)	-0.33	10-12	>794	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.52	10-12	>500	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.01	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 355 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D
BOT CHORD	2 X 8 SYP 2400F 2.0E
WEBS	2 X 4 SYP No.3 *Except*
	2-12 2 X 4 SYP No.1D, 6-10 2 X 4 SYP No.1D
	4-14 2 X 8 SYP 2400F 2.0E
	1-13 2 X 6 SYP No.1D, 7-9 2 X 6 SYP No.1D

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.), except end verticals
	(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 1, 4, 7

REACTIONS (lb/size) 13=2064/Mechanical, 9=2200/0-3-8
Max Horz 13=-363(load case 3)
Max Uplift 9=-28(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-1939/0, 2-3=-1542/125, 3-4=0/1308, 4-5=0/1298, 5-6=-1543/113, 6-7=-1942/0, 7-8=0/64, 1-13=-2514/0, 7-9=-2675/0
BOT CHORD	12-13=-307/423, 11-12=0/1424, 10-11=0/1424, 9-10=0/129
WEBS	3-14=-2943/8, 5-14=-2943/8, 2-12=0/766, 6-10=0/767, 4-14=0/329, 1-12=0/1697, 7-10=0/1740

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

JOINT STRESS INDEX

1 = 0.61, 2 = 0.15, 3 = 0.45, 4 = 0.53, 5 = 0.45, 6 = 0.15, 7 = 0.61, 9 = 0.22, 10 = 0.14, 11 = 0.69, 12 = 0.14, 13 = 0.22 and 14 = 0.15

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931040
L266613	T15	ATTIC	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 6 - 2 rows at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 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) 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; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) All plates are 3x6 MT20 unless otherwise indicated.
8) Ceiling dead load (5.0 psf) on member(s). 2-3, 5-6, 3-14, 5-14; Wall dead load (5.0psf) on member(s).2-12, 6-10
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-12
10) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 9.

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

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1309 Coastal Bay Blvd
Boynton Beach, FL 33435

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931041
L266613	T16G	GABLE	1	1	Job Reference (optional)

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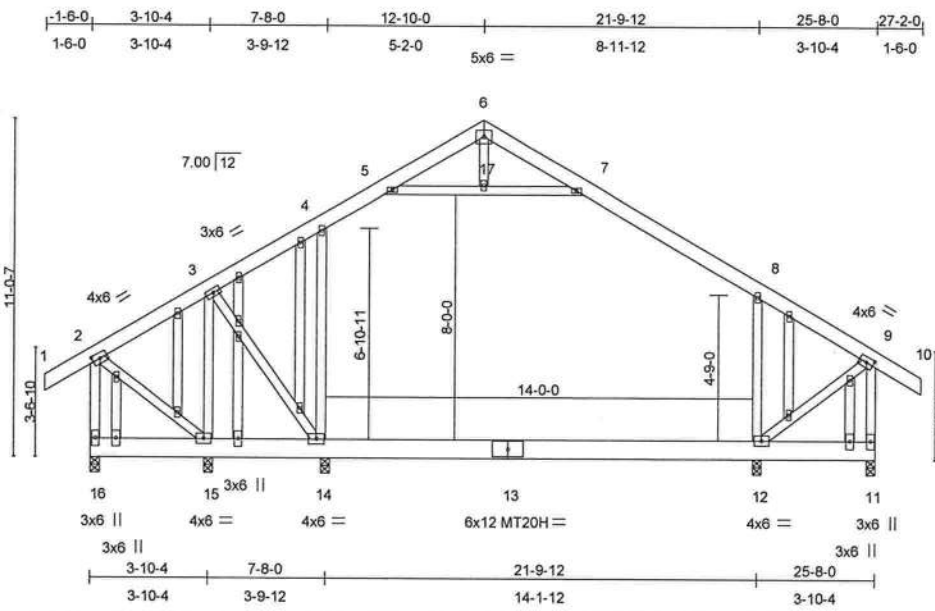

Plate Offsets (X,Y): [2:0-2-14,0-2-0], [9:0-2-14,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.24	12-14	>702	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.64	Vert(TL)	-0.38	12-14	>451	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	NO	WB	0.37	Horz(TL)	0.01	12	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 256 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D
BOT CHORD	2 X 8 SYP 2400F 2.0E
WEBS	2 X 4 SYP No.3
OTHERS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 11-12.

REACTIONS (lb/size) 16=1291/0-3-8, 15=-379/0-3-8, 12=1195/0-3-8, 11=980/0-3-8, 14=1359/0-3-8
Max Horz 16=-418(load case 4)
Max Uplift 16=-430(load case 7), 15=-554(load case 10), 12=-20(load case 4), 11=-494(load case 7), 14=-40(load case 5)
Max Grav 16=1291(load case 1), 15=31(load case 2), 12=1264(load case 12), 11=980(load case 1), 14=1579(load case 11)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=-7/72, 2-3=-787/345, 3-4=-1031/497, 4-5=-988/497, 5-6=-474/168, 6-7=-426/167, 7-8=-1134/470, 8-9=-989/317, 9-10=-7/72, 2-16=-1151/461, 9-11=-1407/451
BOT CHORD	15-16=-367/384, 14-15=-194/601, 13-14=-123/824, 12-13=-123/824, 11-12=-40/65
WEBS	5-17=-495/394, 7-17=-495/394, 3-15=-742/316, 8-12=-666/318, 2-15=-254/747, 9-12=-201/1118, 4-14=-418/158, 3-14=-133/388, 6-17=0/59

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

JOINT STRESS INDEX

2 = 0.34, 3 = 0.41, 4 = 0.33, 5 = 0.33, 6 = 0.23, 7 = 0.33, 8 = 0.33, 9 = 0.50, 11 = 0.29, 12 = 0.45, 13 = 0.78, 14 = 0.28, 15 = 0.30, 16 = 0.22, 17 = 0.33, 18 = 0.33, 19 = 0.33, 20 = 0.33, 20 = 0.33, 21 = 0.33, 22 = 0.15, 23 = 0.33, 24 = 0.33, 25 = 0.15, 26 = 0.33, 27 = 0.33, 28 = 0.33, 29 = 0.15 and 30 = 0.33

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931041
L266613	T16G	GABLE	1	1	Job Reference (optional)

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable studs spaced at 2-0-0 oc.
8) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).8-12, 4-14
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
10) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 430 lb uplift at joint 16, 554 lb uplift at joint 15, 20 lb uplift at joint 12, 494 lb uplift at joint 11 and 40 lb uplift at joint 14.
12) 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: 14-16=-10, 12-14=-110, 11-12=-10, 1-2=-87(F=-33), 2-4=-87(F=-33), 4-5=-97(F=-33), 5-6=-87(F=-33), 6-7=-87(F=-33), 7-8=-97(F=-33), 8-9=-87(F=-33), 9-10=-87(F=-33), 5-7=-10
   Drag: 8-12=-10, 4-14=-10

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931042
L266613	T17	ATTIC	8	1	Job Reference (optional)

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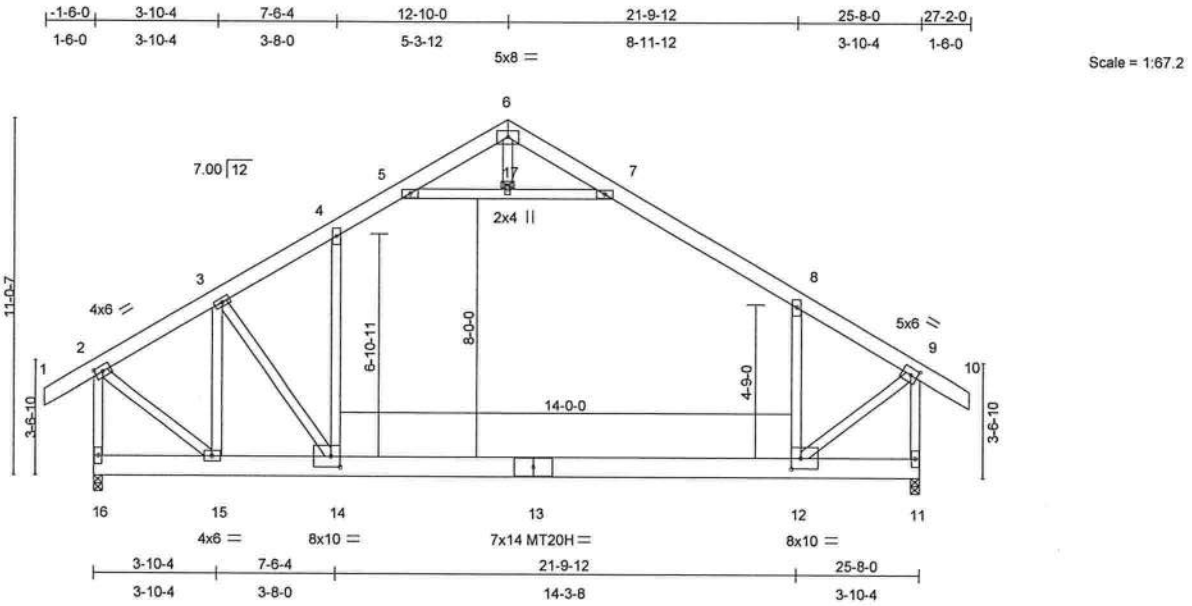

Plate Offsets (X,Y): [2:0-2-14,0-2-0], [9:0-2-9,0-2-8], [12:0-3-8,0-4-0], [14:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.85	Vert(LL)	-0.45	12-14	>674	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.71	12-14	>431	240	MT20H	187/143
BCLL	10.0	* Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.01	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 223 lb	

LUMBER

TOP CHORD	2 X 6 SYP No.1D
BOT CHORD	2 X 8 SYP 2400F 2.0E
WEBS	2 X 4 SYP No.3

BRACING

TOP CHORD	Structural wood sheathing directly applied or 4-10-1 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 9-6-15 oc bracing.
WEBS	1 Row at midpt 5-7

REACTIONS (lb/size) 16=1633/0-3-8, 11=1867/0-3-8
Max Horz 16=-328(load case 4)
Max Uplift 16=-62(load case 6), 11=-18(load case 7)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/45, 2-3=-1172/241, 3-4=-1767/236, 4-5=-1286/318, 5-6=0/319, 6-7=-35/205, 7-8=-1509/294, 8-9=-1718/133, 9-10=0/45, 2-16=-1523/319, 9-11=-2276/175
BOT CHORD	15-16=-282/303, 14-15=-148/987, 13-14=0/1351, 12-13=0/1351, 11-12=-5/64
WEBS	5-17=-1541/249, 7-17=-1541/249, 3-15=-1277/3, 8-12=-44/434, 2-15=-35/1254, 9-12=0/1715, 4-14=0/769, 3-14=-166/757, 6-17=0/99

JOINT STRESS INDEX

2 = 0.57, 3 = 0.59, 4 = 0.31, 5 = 0.47, 6 = 0.65, 7 = 0.47, 8 = 0.17, 9 = 0.76, 11 = 0.36, 12 = 0.28, 13 = 0.59, 14 = 0.22, 15 = 0.51, 16 = 0.24 and 17 = 0.33

NOTES

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

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931042
L266613	T17	ATTIC	8	1	Job Reference (optional)

NOTES

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; end vertical 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 plates are MT20 plates unless otherwise indicated.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).8-12, 4-14
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
8) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 62 lb uplift at joint 16 and 18 lb uplift at joint 11.

LOAD CASE(S) Standard

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8
L266613	T18	ATTIC	1	2	J1931043
					Job Reference (optional)

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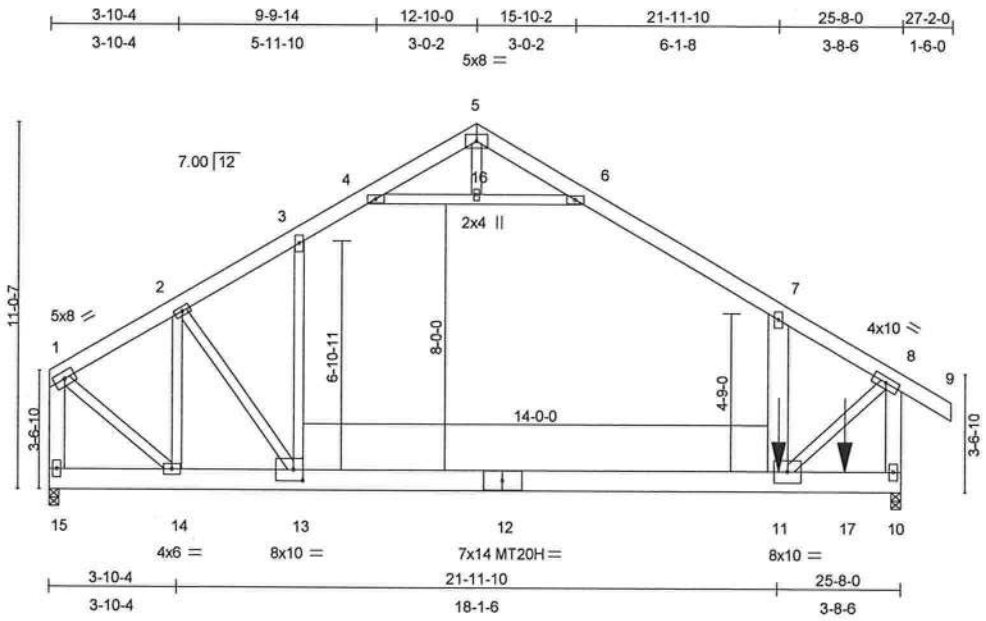

Plate Offsets (X,Y): [13:0-3-8,0-4-0]

LOADING (psf)		SPACING	2-8-8	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.81	Vert(LL)	-0.34	11-13	>877	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.59	Vert(TL)	-0.56	11-13	>536	240	MT20H	187/143
BCLL	10.0 *	Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.01	10	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 462 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.1D
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
7-11 2 X 8 SYP 2400F 2.0E, 1-15 2 X 6 SYP No.1D
8-10 2 X 6 SYP No.1D

BRACING
TOP CHORD 2-0-0 oc purlins (6-0-0 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 1, 5, 8

REACTIONS (lb/size) 15=2332/0-3-8, 10=4294/0-3-8
Max Horz 15=-403(load case 3)
Max Uplift 15=-67(load case 5), 10=-499(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1701/65, 2-3=-2888/151, 3-4=-2136/253, 4-5=-49/690, 5-6=-110/562, 6-7=-2426/196, 7-8=-3102/144, 8-9=0/64, 1-15=-2045/75, 8-10=-4110/89
BOT CHORD 14-15=-312/390, 13-14=-201/1431, 12-13=-14/2276, 11-12=-14/2276, 11-17=-63/378, 10-17=-63/378
WEBS 4-16=-2887/261, 6-16=-2887/261, 2-14=-2378/180, 7-11=-251/1411, 1-14=0/1721, 8-11=0/2585, 3-13=0/1204, 2-13=-329/1649, 5-16=0/165

JOINT STRESS INDEX
1 = 0.31, 2 = 0.66, 3 = 0.23, 4 = 0.46, 5 = 0.57, 6 = 0.46, 7 = 0.22, 8 = 0.91, 10 = 0.77, 11 = 0.21, 12 = 0.41, 13 = 0.22, 14 = 0.36, 15 = 0.42 and 16 = 0.34

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931043
L266613	T18	ATTIC	1	2	Job Reference (optional)

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NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 8 - 2 rows at 0-9-0 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) 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; end vertical right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
5) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) All plates are 3x6 MT20 unless otherwise indicated.
8) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-16, 6-16; Wall dead load (5.0psf) on member(s).7-11, 3-13
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 11-13
10) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 15 and 499 lb uplift at joint 10.

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: 13-15=-14, 11-13=-149, 10-11=-14, 1-3=-73, 3-4=-87, 4-5=-73, 5-6=-73, 6-7=-87, 7-8=-73, 8-9=-73, 4-6=-14
   Drag: 7-11=-14, 3-13=-14
   Concentrated Loads (lb)
   Vert: 11=-1693(F) 17=-300(F)

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931044
L266613	T19	MONO HIP	1	2	Job Reference (optional)

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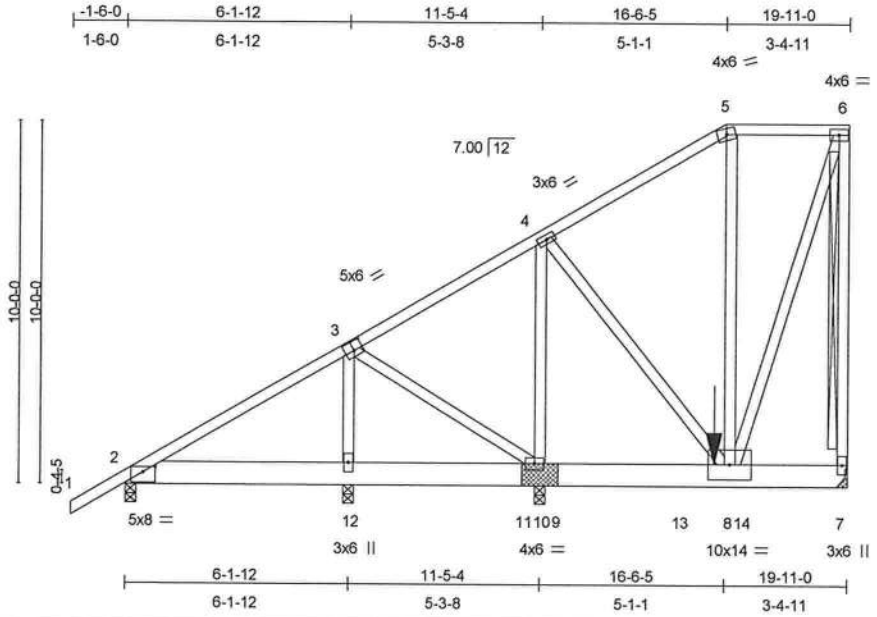

Simpson HGUS26-2

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.00	TC	0.67	Vert(LL)	-0.04	2-12	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.00	BC	0.50	Vert(TL)	-0.08	2-12	>941	240		
BCLL	10.0	* Rep Stress Incr	NO	WB	0.38	Horz(TL)	-0.00	7	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 359 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E
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 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 7-8.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-7
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=1693/Mechanical, 2=2088/0-3-8, 12=5054/0-3-8, 10=6128/0-3-10 (0-3-8 + bearing block)
Max Horz 2=356(load case 5)
Max Uplift 7=-553(load case 3), 2=-637(load case 3), 12=-1618(load case 3), 10=-2001(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/46, 2-3=-177/165, 3-4=-178/313, 4-5=-750/228, 5-6=-587/189, 6-7=-1859/629
BOT CHORD 2-12=-111/61, 11-12=-113/62, 10-11=-113/62, 9-10=-217/99, 9-13=-217/99, 13-14=-217/99, 8-14=-217/99, 7-8=-3/7
WEBS 3-12=-153/64, 3-10=-197/138, 4-10=-1741/509, 4-8=-460/1284, 5-8=-91/178, 6-8=-603/1879

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

JOINT STRESS INDEX
2 = 0.20, 3 = 0.46, 4 = 0.64, 5 = 0.28, 6 = 0.79, 7 = 0.19, 8 = 0.27, 9 = 0.00, 9 = 0.00, 9 = 0.00, 10 = 0.25, 10 = 0.00, 10 = 0.00, 11 = 0.00, 11 = 0.00, 11 = 0.00 and 12 = 0.16

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931044
L266613	T19	MONO HIP	1	2	Job Reference (optional)

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NOTES

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 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) 2 X 8 SYP 2400F 2.0E bearing block 12" long at jt. 10 attached to each face with 4 rows of 10d (0.131"x3") nails spaced 3" o.c. 16 Total fasteners per block. Bearing is assumed to be SYP.
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 553 lb uplift at joint 7, 637 lb uplift at joint 2, 1618 lb uplift at joint 12 and 2001 lb uplift at joint 10.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-5=-54, 5-6=-54, 2-13=-775(F=-765), 7-13=-10
   Concentrated Loads (lb)
      Vert: 14=-2064(F)

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

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931045
L266613	T20	MONO HIP	1	1	Job Reference (optional)

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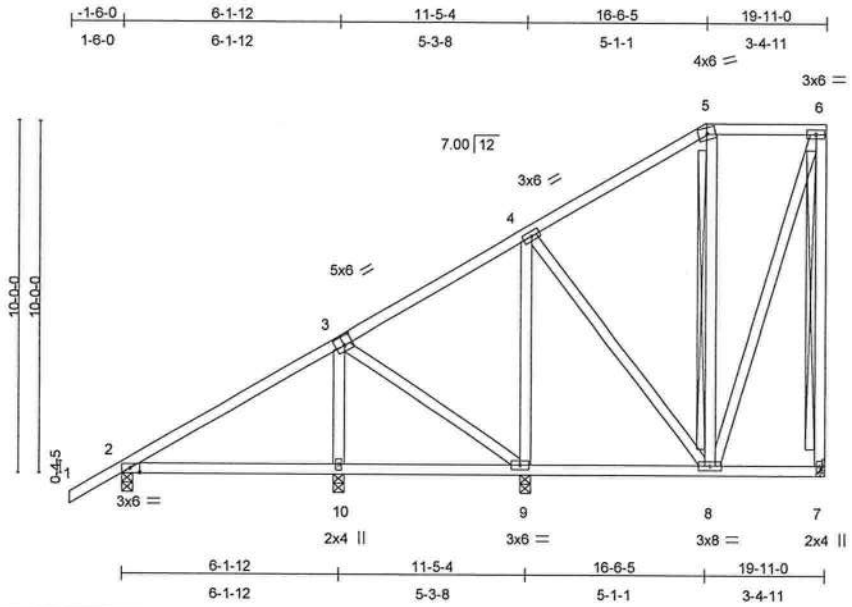

Simpson HTU26

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	-0.03	2-10	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.19	Vert(TL)	-0.05	2-10	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.30	Horz(TL)	-0.00	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
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, Except:
6-0-0 oc bracing: 8-9.
WEBS T-Brace: 2 X 4 SYP No.3 - 6-7, 5-8
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.,with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 7=258/Mechanical, 2=289/0-3-8, 10=343/0-3-8, 9=455/0-3-8
Max Horz 2=353(load case 6)
Max Uplift 7=-94(load case 6), 2=-38(load case 6), 10=-88(load case 6), 9=-159(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-232/33, 3-4=-161/56, 4-5=-145/4, 5-6=-60/51, 6-7=-244/197
BOT CHORD 2-10=-155/48, 9-10=-159/53, 8-9=-64/11, 7-8=-2/2
WEBS 3-10=-267/173, 3-9=-53/115, 4-9=-374/239, 4-8=-13/87, 5-8=-210/177, 6-8=-166/191

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

JOINT STRESS INDEX
2 = 0.33, 3 = 0.59, 4 = 0.41, 5 = 0.38, 6 = 0.49, 7 = 0.33, 8 = 0.65, 9 = 0.34 and 10 = 0.33

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Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931045
L266613	T20	MONO HIP	1	1	Job Reference (optional)

NOTES

1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) Provide adequate drainage to prevent water ponding.
3) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 94 lb uplift at joint 7, 38 lb uplift at joint 2, 88 lb uplift at joint 10 and 159 lb uplift at joint 9.

LOAD CASE(S) Standard

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

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931046
L266613	T21	SPECIAL	1	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 6.300 s Feb 15 2006 MiTek Industries, Inc. Wed Jan 30 11:45:21 2008 Page 1

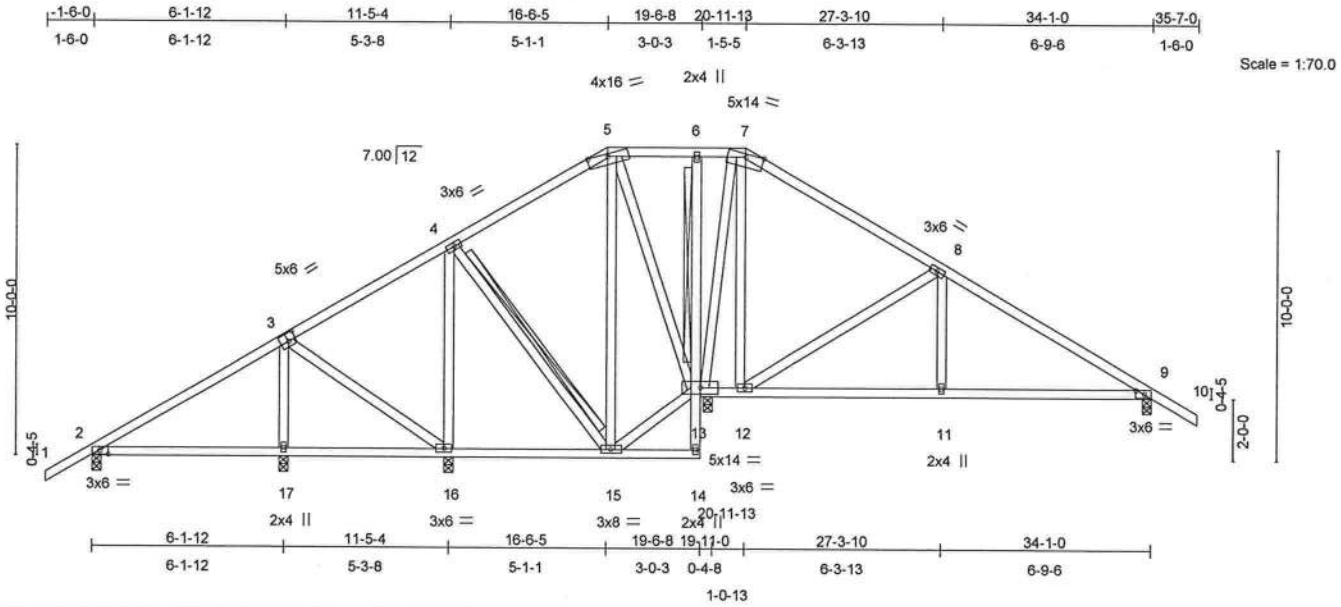


Plate Offsets (X,Y): [2:0-3-4,0-1-8], [3:0-3-0,0-3-0], [9:0-3-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.29	Vert(LL)	0.12	9-11	>999	360	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.08	9-11	>999	240		
BCLL	10.0	* Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.01	13	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 *Except* 6-14 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
T-Brace: 2 X 4 SYP No.3 - 6-13
WEBS T-Brace: 2 X 4 SYP No.3 - 4-15
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=279/0-3-8, 13=904/0-3-8, 9=477/0-3-8, 17=317/0-3-8, 16=363/0-3-8
Max Horz 2=266(load case 5)
Max Uplift 2=-84(load case 6), 13=-382(load case 6), 9=-347(load case 7), 17=-71(load case 5), 16=-147(load case 6)
Max Grav 2=292(load case 10), 13=904(load case 1), 9=480(load case 11), 17=351(load case 10), 16=363(load case 1)

Julius Lee
Truss Design Engineer
Florida PE No. 34869
1105 Coastal Bay Blvd
Boynton Beach, FL 33435

Continued on page 2

January 30,2008

Job	Truss	Truss Type	Qty	Ply	LIPSCOMB & EAGLE - HILL OF HUNTS. LOT 8 J1931046
L266613	T21	SPECIAL	1	1	Job Reference (optional)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=0/40, 2-3=-142/108, 3-4=-98/101, 4-5=-102/117, 5-6=-16/148, 6-7=-15/148, 7-8=-51/127, 8-9=-491/531, 9-10=0/40

BOT CHORD 2-17=-92/151, 16-17=-94/153, 15-16=-66/201, 14-15=-23/28, 13-14=0/20, 6-13=-80/56, 12-13=-36/212, 11-12=-309/348, 9-11=-309/348

WEBS 3-17=-275/112, 3-16=-79/170, 4-16=-285/193, 4-15=-6/56, 5-15=-170/113, 13-15=-57/254, 5-13=-336/305, 7-13=-551/629, 7-12=-474/302, 8-12=-452/623, 8-11=-286/222

JOINT STRESS INDEX

2 = 0.33, 3 = 0.59, 4 = 0.41, 5 = 0.78, 6 = 0.33, 7 = 0.78, 8 = 0.40, 9 = 0.43, 11 = 0.33, 12 = 0.34, 13 = 0.61, 14 = 0.33, 15 = 0.56, 16 = 0.34 and 17 = 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; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) *This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb uplift at joint 2, 382 lb uplift at joint 13, 347 lb uplift at joint 9, 71 lb uplift at joint 17 and 147 lb uplift at joint 16.

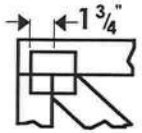
LOAD CASE(S) Standard

Julius Lee
Truss Design Engineer
Florida PE No. 34863
1309 Coastal Bay Blvd
Boynton Beach, FL 33435

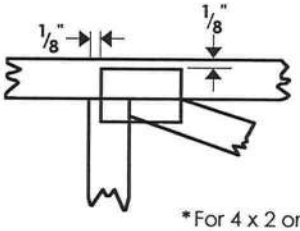
January 30,2008

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

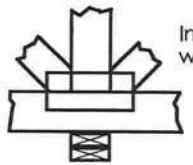
4 x 4

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

LATERAL BRACING

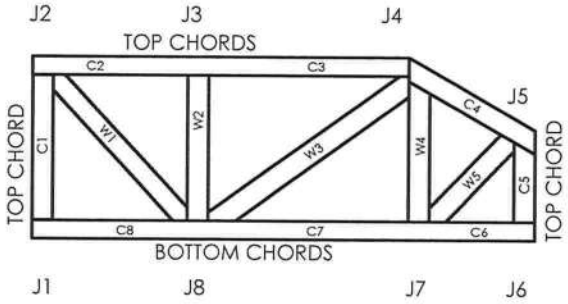
Indicates location of required continuous lateral bracing.

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 * 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' 4"	5' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 5"	6' 5"	8' 3"	8' 3"	10' 0"	10' 0"	12' 11"	12' 11"
		STANDARD	3' 3"	4' 2"	4' 2"	5' 6"	5' 6"	7' 5"	7' 5"	8' 8"	8' 8"	11' 8"	11' 8"
	SP DFL	#1	3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#2	3' 7"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"
		#3	3' 6"	5' 0"	5' 0"	6' 8"	6' 8"	8' 3"	8' 8"	10' 4"	10' 4"	12' 11"	13' 7"
		STUD	3' 6"	5' 0"	5' 0"	6' 7"	6' 7"	8' 3"	8' 8"	10' 3"	10' 3"	12' 11"	13' 7"
		STANDARD	3' 4"	4' 3"	4' 3"	5' 8"	5' 8"	7' 8"	7' 8"	8' 10"	8' 10"	12' 0"	12' 0"
16" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	8' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	8' 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"	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:

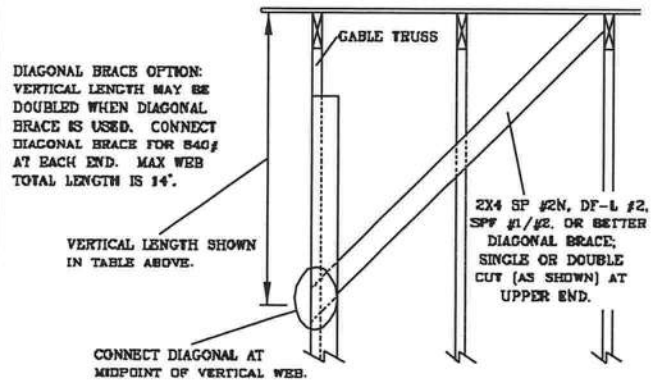
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

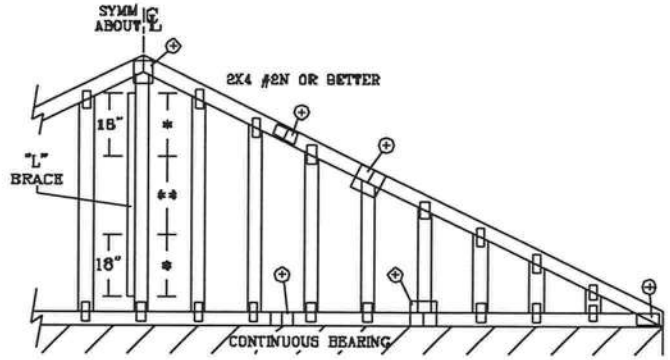
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#3	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

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

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

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

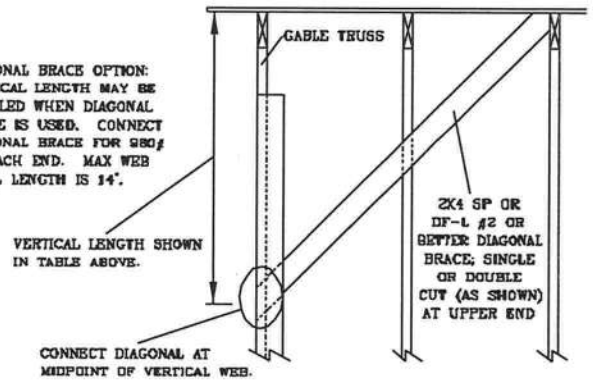
REF ASCE7-02-GAB13015
DATE 11/26/03
DRWG MITEK STD GABLE 15 E HT
-ENG

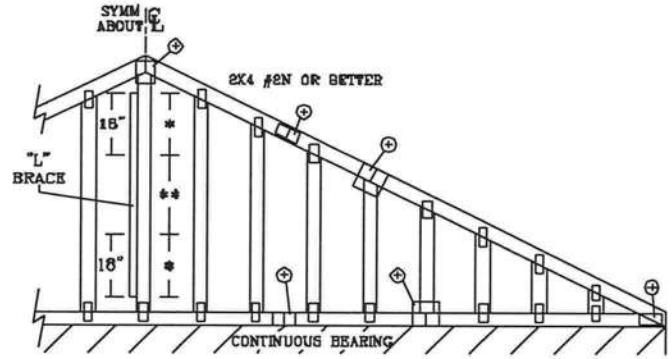
ASCE 7-02: 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

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

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 980# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.





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
#3
#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.

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

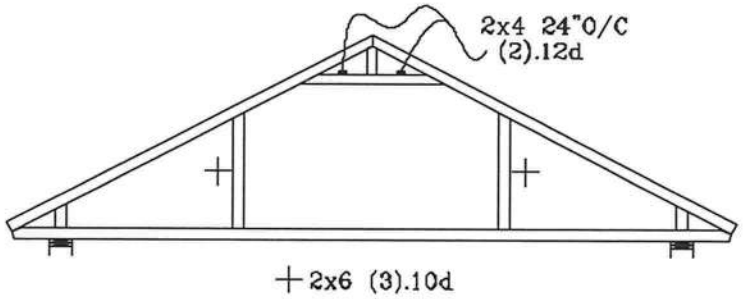
No: 34869
STATE OF FLORIDA

MAX. TOT. LD. 60 PSF

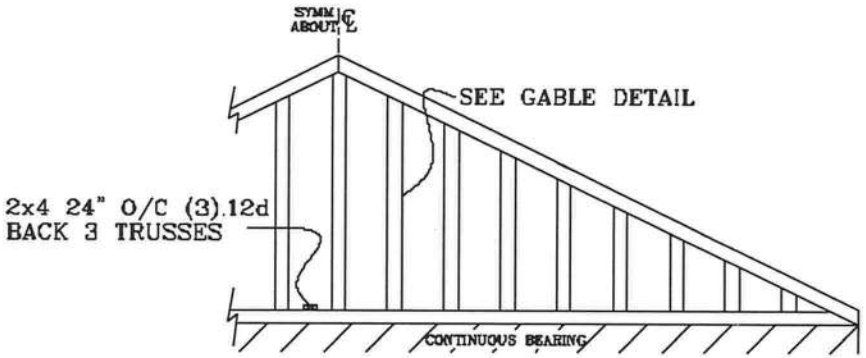
MAX. SPACING 24.0"

REF ASCE7-02-GAB13030
DATE 11/26/03
DWG MITEK STD GABLE 30' E H7
-ENG

TYPICAL ATTIC TRUSS BRACING

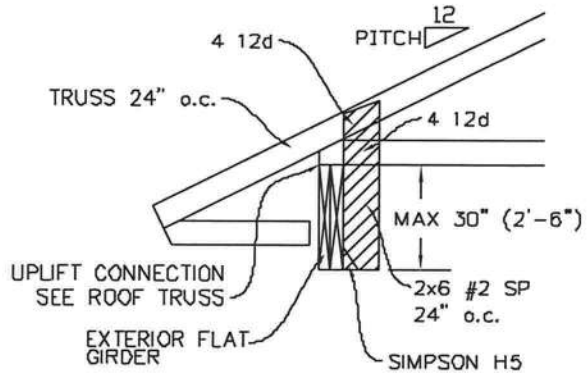


GABLE END TRUSS DETAIL

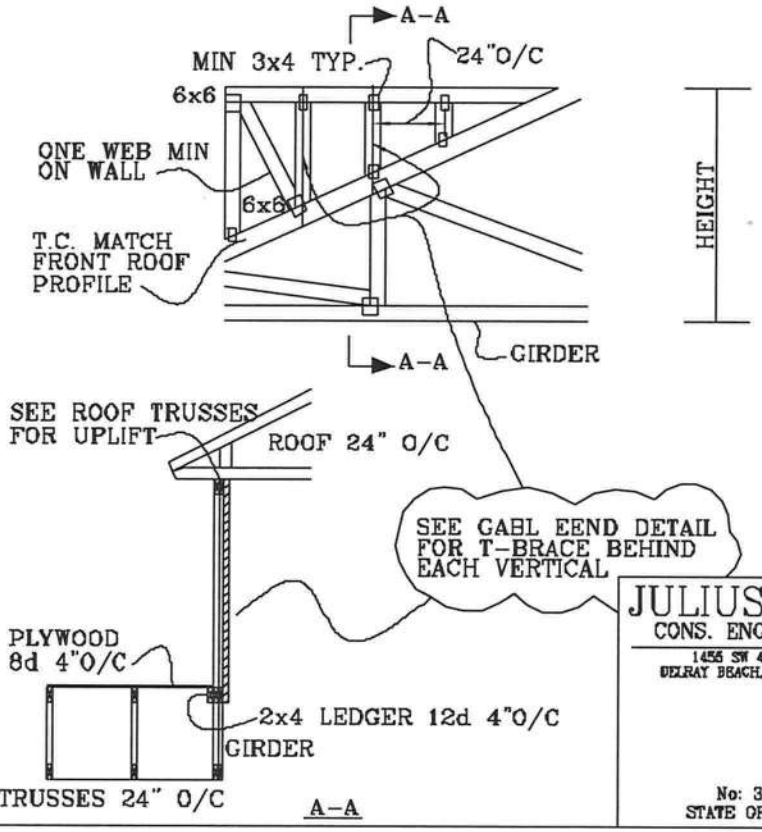


MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



JULIUS LEE'S
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DELRAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

PIGGYBACK DETAIL

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

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

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

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

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

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

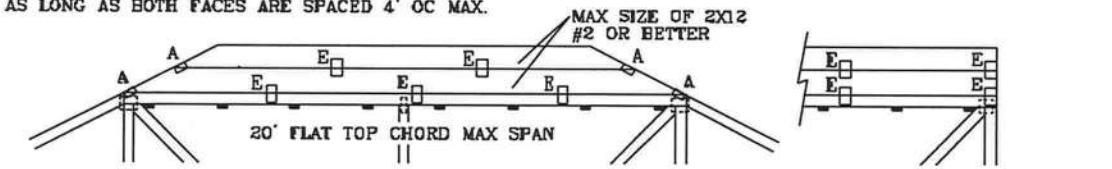
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

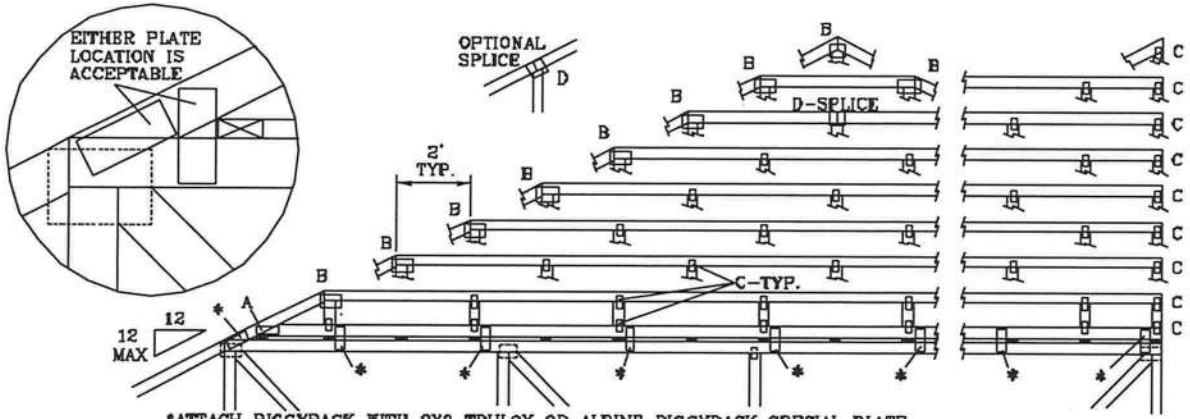
110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

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

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

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





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

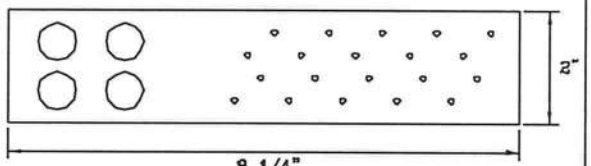
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X8 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

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

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".

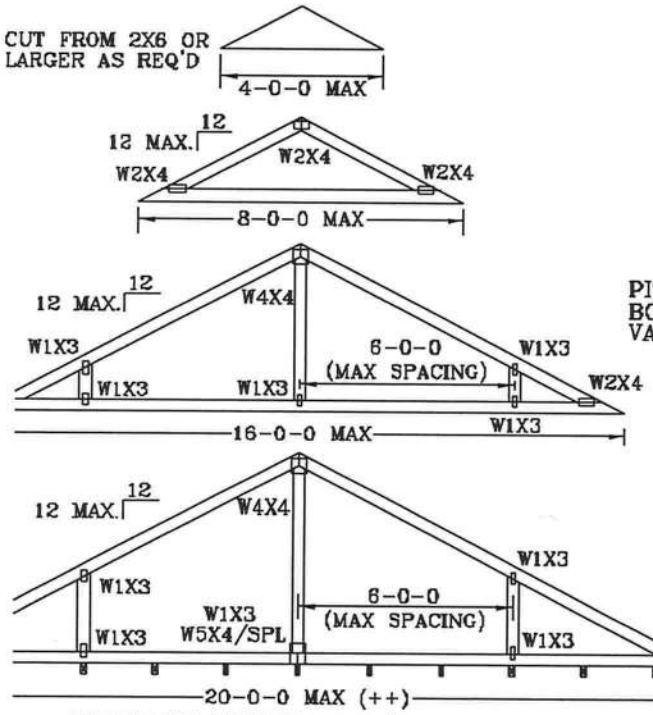
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

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.

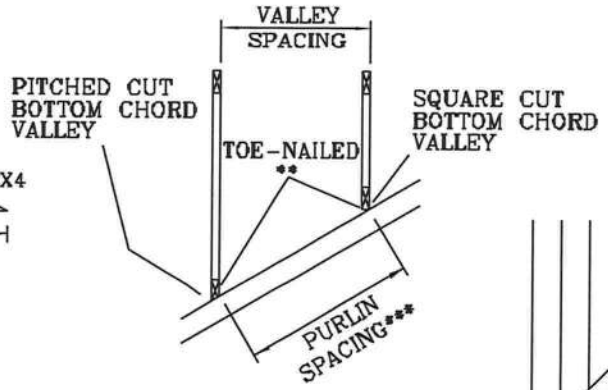
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

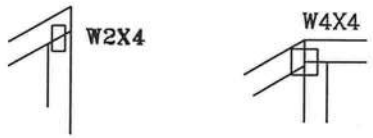
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

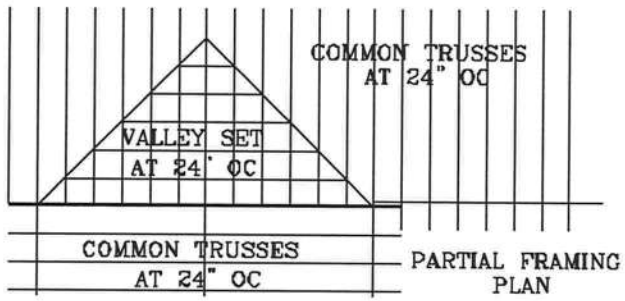
BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



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."

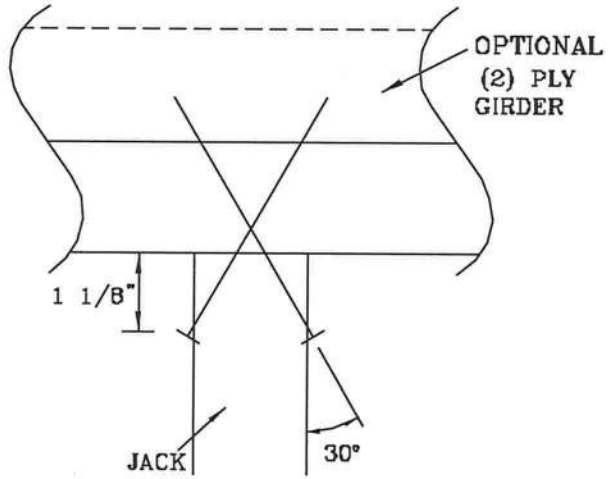
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

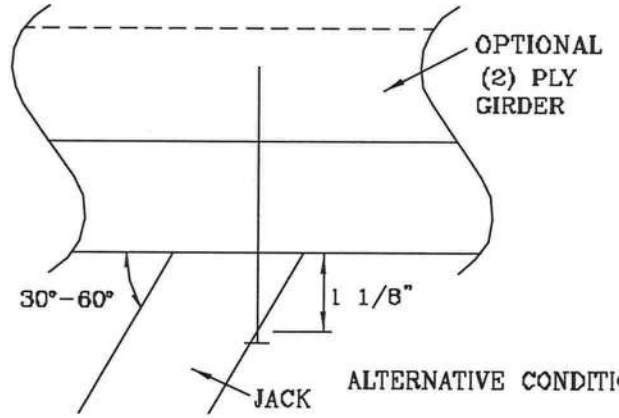
THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

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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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			

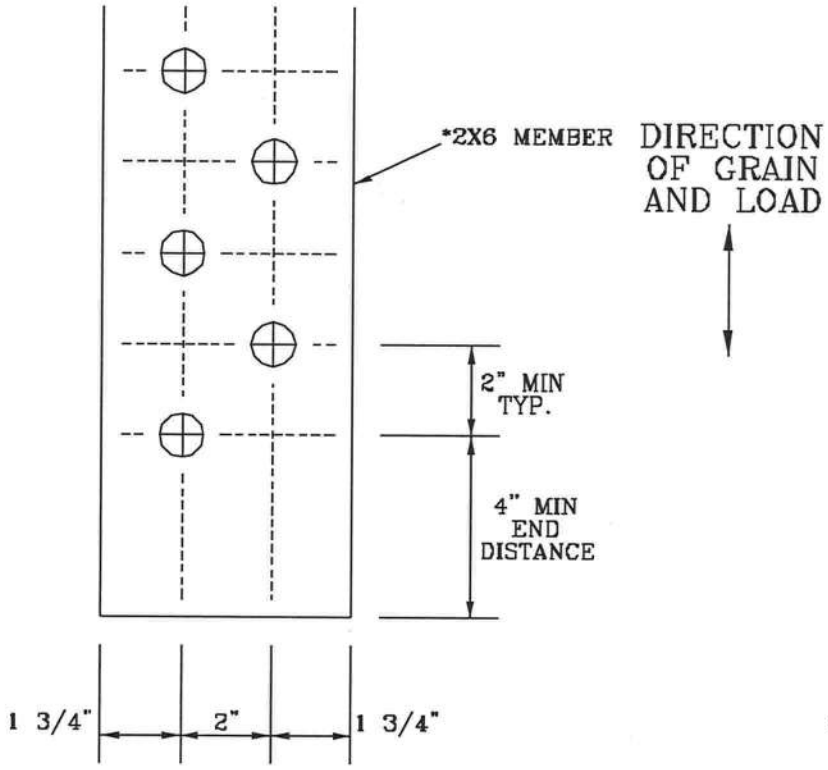
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

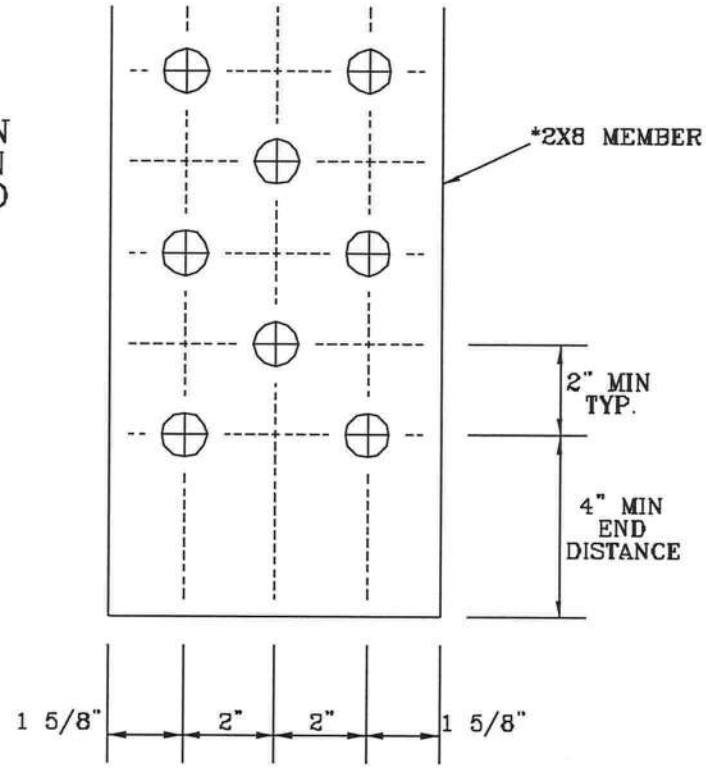
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

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

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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

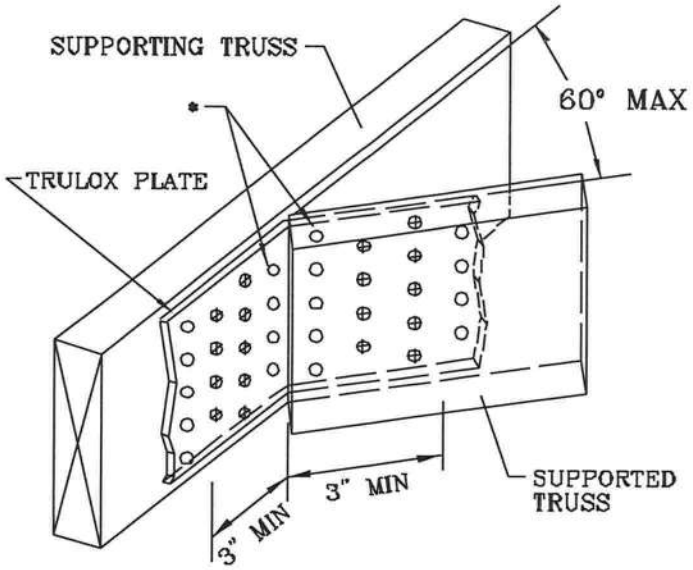
11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (⊕).

* NAILS MAY BE OMITTED FROM THESE ROWS.

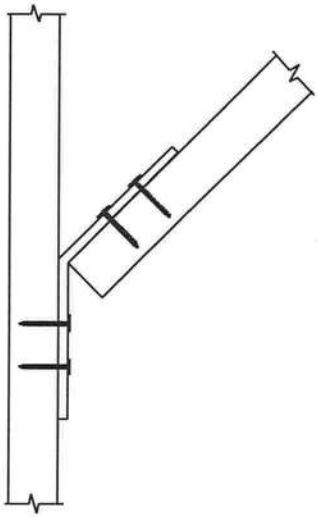
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

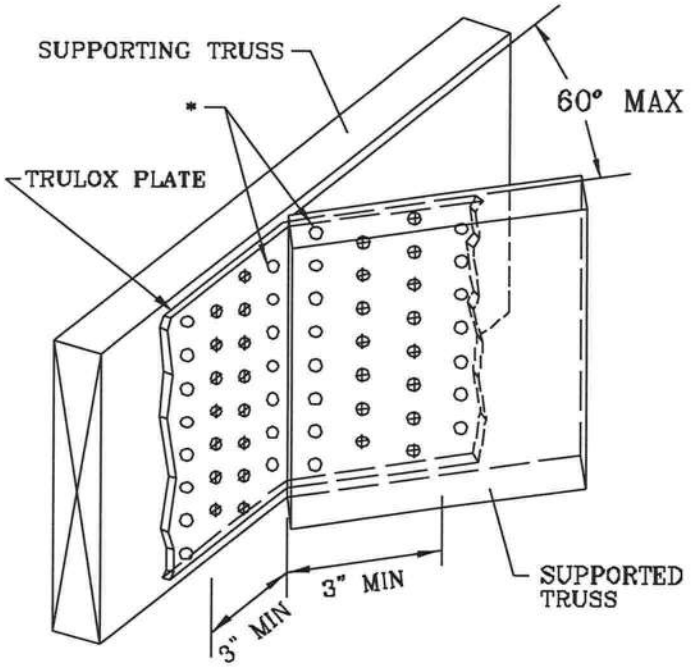
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.

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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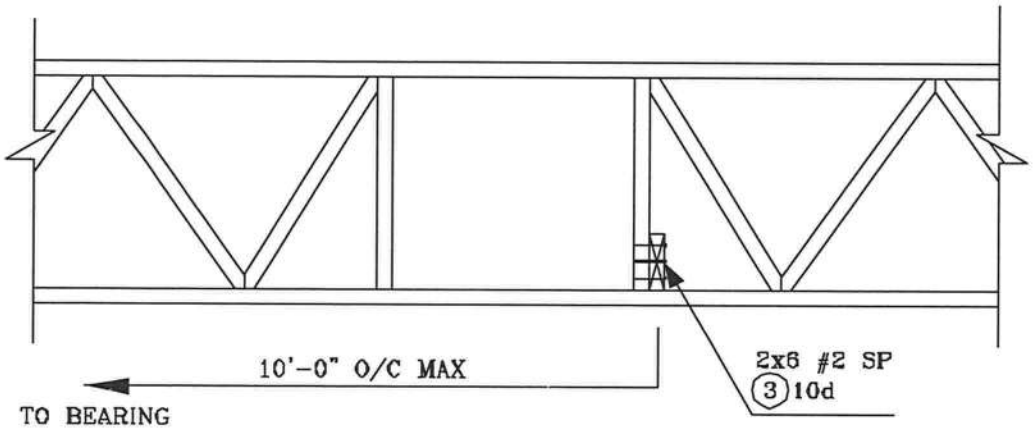
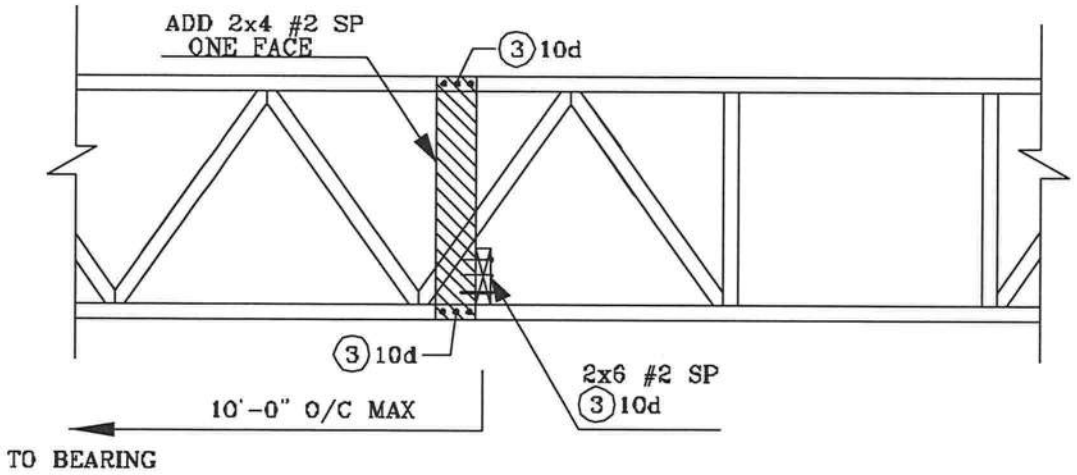
No: 34869
STATE OF FLORIDA

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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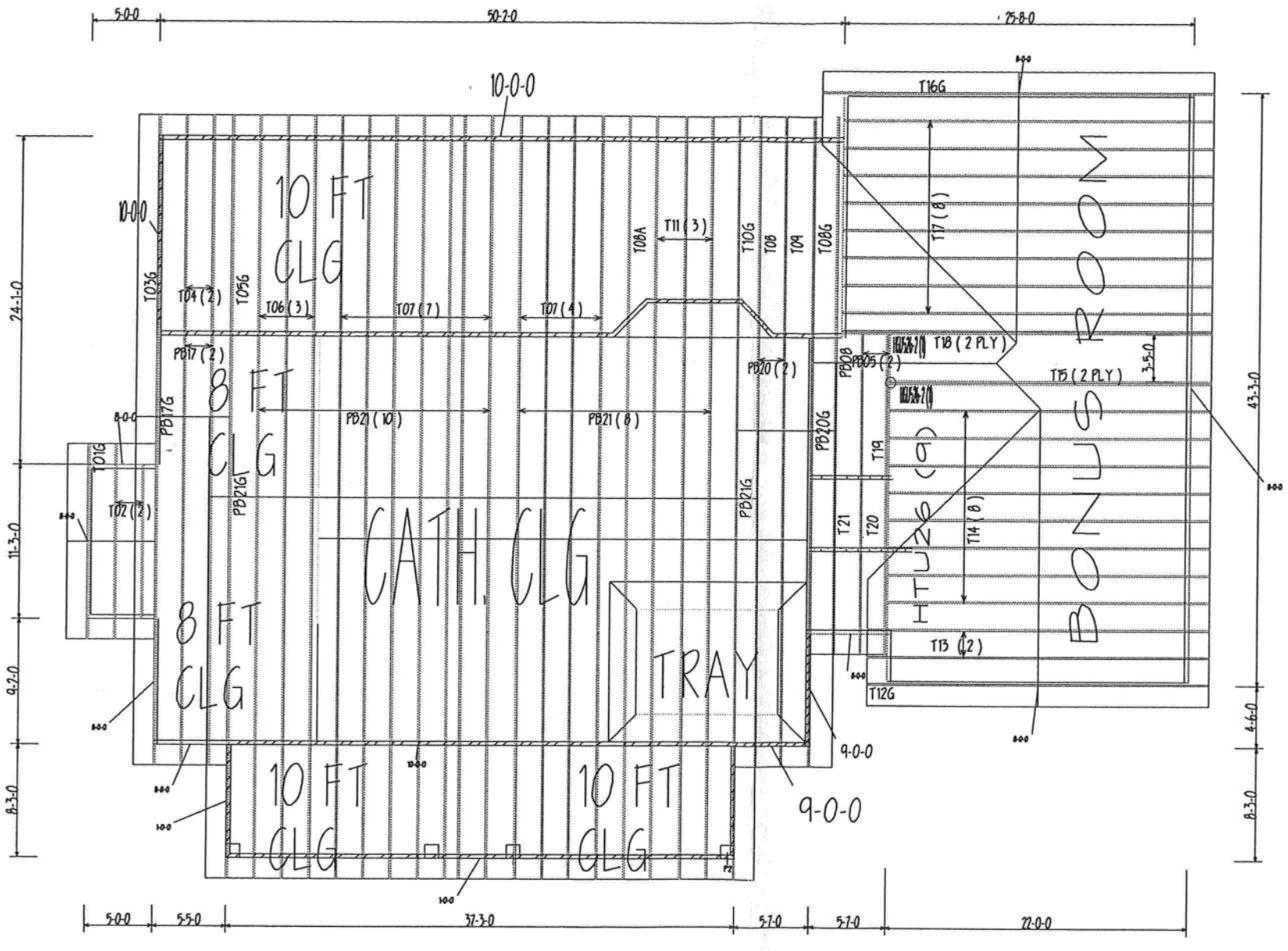

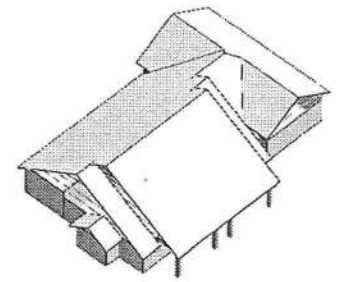

8 FT INTERNAL LOAD BEARING

BEARING HEIGHT SCHEDULE

8'0"

9'0"

10'0"

7/12 PITCH

18" O.H.

NOTES:

1) REFER TO HB 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 VIDS FOR ALTERNATE BRACING REQUIREMENTS.

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

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

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

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

7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 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.

Requested 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: 386-755-7473

Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: LIPSCOMB EAGLE

LEGAL ADDRESS: HILLS OF HUNTSVILLE LOT 8

MODEL: DEVANE | ELEVATION: | SCALE: NTS

DATE: 1/30/08 | DRAWN BY: F.G. | JOB #: L266613

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

#26760

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.

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. JB100478 Company Phone No. [illegible]
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Y. Strunk - Eagle Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 879 NW Mile Turn Lake City FL

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

Section 4: Treatment Information

Date(s) of Treatment(s) 3-20-08
Brand Name of Product(s) Used Bifen
EPA Registration No. 53483-184
Approximate Final Mix Solution % .06
Approximate Size of Treatment Area: Sq. ft. 3647 Linear ft. 356 Linear ft. of Masonry Voids 356
Approximate Total Gallons of Solution Applied 583
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List)

Comments

Name of Applicator(s) Steve Brannan Certification No. (if required by State law) JF100578

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

Authorized Signature Steve Brannan Date 3-20-08

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)

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	ALLCRAFT 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 SHINGLE	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			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS	NA		
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
. SKYLIGHTS	NA		
1. Skylight			
2. Other			
. STRUCTURAL COMPONENTS			474 1901
1. Wood connector/anchor	Simpson	ABG; ACL CS16; H10; HD2A; SP4; STHD10	503
2. Truss plates	Alpine HS	METAL CONNECTOR PLATES	1999 538
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

e products listed below did not demonstrate product approval at plan review. I understand that at the e of inspection of these products, the following information must be available to the inspector on the site; 1) copy of the product approval, 2) the performance characteristics which the product was tested d certified to comply with, 3) copy of the applicable manufacturers installation requirements.

nderstand these products may have to be removed if approval cannot be demonstrated during inspection

6/12/06

ractor or Contractor's Authorized Agent Signature | Print Name | Date

tion | Permit # **(FOR STAFF USE ONLY)**