

DATE 11/08/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023834

APPLICANT JOHN NORRIS PHONE 758-3663
ADDRESS 351 NW CORWN GLN LAKE CITY FL 32055
OWNER IMAGE DEVELOPMENT GROUP PHONE _____
ADDRESS 150 SW GREENWOOD TERR FORT WHITE FL 32038
CONTRACTOR JOHN NORRIS PHONE 758-3663
LOCATION OF PROPERTY 47 S, L 27, L CR 18, L GREENWOOD TERR, 2ND LOT ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 76600.00
HEATED FLOOR AREA 1532.00 TOTAL AREA 2338.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING FORT WHITE MAX. HEIGHT _____
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 0 FLOOD ZONE NA DEVELOPMENT PERMIT NO. _____

PARCEL ID 34-6S-16-04056-136 SUBDIVISION THORNWOOD
LOT 36 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 1.00

RG0066597
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor JH N
FORT WHITE 05-1034-N BK
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: TOWN OF FORT WHITE COMPLIANCE LETTER RCIEVED, NOC ON FILE

Check # or Cash 3523

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by _____ date/app. by _____
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by _____ date/app. by _____ date/app. by _____
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by _____ date/app. by _____
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by _____ date/app. by _____ date/app. by _____
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 385.00 CERTIFICATION FEE \$ 11.69 SURCHARGE FEE \$ 11.69
MISC. FEES \$.00 ZONING CERT. FEE \$ _____ FIRE FEE \$.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 408.38
INSPECTORS OFFICE L. J. H. CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

23894

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
IMAGE DEVELOPMENT GROUP, LLC
POST OFFICE BOX 305, NEWBERRY, FL 32669
Inst:2005028933 Date:11/18/2005 Time:16:37
B DC,P.DeWitt Cason,Columbia County B:1065 P:1951
Parcel I.D. #: 04056-000

SPACE ABOVE THIS LINE FOR PROCESSING DATA SPACE ABOVE THIS LINE FOR RECORDING DATA

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 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

LOT 36, THORNWOOD, a subdivision according to the map or plat thereof as recorded in Plat Book 7, Page 202-204, of the Public Records of Columbia County, Florida.

2. General description of improvement: construction of single family dwelling

3. Owner information:

- a. Name and address:
IMAGE DEVELOPMENT GROUP, LLC
POST OFFICE BOX 305, NEWBERRY, FL 32669
- b. Interest in property: Fee Simple
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)
JOHN NORRIS CONSTRUCTION, INC
351 NW CORWIN GLN, LAKE CITY, FL 32055
Telephone Number: 386-758-3663 and 386-961-4549

5. Surety (if any):
a. Name and Address:
Telephone Number:
b. Amount of Bond \$

6. Lender: (Name and Address)
CAPITAL CITY BANK
1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308
Telephone Number: 850-402-2223

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

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
CAPITAL CITY BANK
1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308
Telephone Number: 850-402-2223

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

IMAGE DEVELOPMENT GROUP, LLC

By: Richard C. Parker {SEAL}
RICHARD C. PARKER

Sworn to and subscribed before me this 18th day of November, 2005, by RICHARD C. PARKER as MANAGER of IMAGE DEVELOPMENT GROUP, LLC, who is personally known to me or who has produced Driver's license as identification.

Notary Public
My Commission Expires:

JOYCE KIRPACH
MY COMMISSION # DD 310594
EXPIRES: April 20, 2008
Bonded Thru Budget Notary Services

CONTRACTOR'S AFFIDAVIT

Date: **November 18, 2005**

Inst:2005028935 Date:11/18/2005 Time:16:37

DC, P. DeWitt Cason, Columbia County B:1065 P:1953

STATE OF FLORIDA
COUNTY OF COLUMBIA

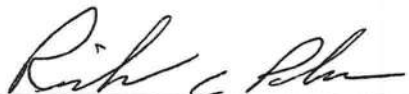
Before me, the undersigned authority, this day personally appeared **RICHARD C. PARKER**, who, being by me first duly sworn, deposes and says that he is the **MANAGER** of **IMAGE DEVELOPMENT GROUP, LLC**, which is the general contractor who is constructing, repairing or improving a building for **IMAGE DEVELOPMENT GROUP, LLC** upon the following described property, to wit:

LOT 17, THORNWOOD, a subdivision according to the map or plat thereof as recorded in Plat Book 7, Page 202-204, of the Public Records of Columbia County, Florida.

and makes this affidavit for the purpose of inducing **CAPITAL CITY BANK** to complete the loan; that there is not at this time any sum due and owing to the undersigned, or by it to any person, firm or corporation, for labor, services, materials and equipment furnished on or about the property on which said loan is being granted and by which the same is being secured for which previous amounts have been disbursed from the loan amount; and further that the current payment is now due and said funds will be used for construction of the improvements; and that no laborers or mechanics lien or any kind exists in favor of the undersigned, and for value received the undersigned hereby waives and releases to said Bank any right that it now or hereafter may have to a lien upon said property, or any part thereof; nor does any lien exist in favor of the undersigned on any portion of said property or improvements thereon.

Affiant understands that **CAPITAL CITY BANK** is relying on the faith of these representations.

IMAGE DEVELOPMENT GROUP, LLC

By  (SEAL)
RICHARD C. PARKER, MANAGER



SWORN TO and subscribed to before me this **18th** day of **November**, A.D. **2005**.


Notary Public, State of Florida at Large

My Commission Expires: _____



Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0510-16 Date Received 10/4/05 By GT Permit # 23834
Application Approved by - Zoning Official _____ Date _____ Plans Examiner OK JTH Date 11-8-05
Flood Zone _____ Development Permit _____ Zoning _____ Land Use Plan Map Category _____
Comments Town of Fort White

Applicants Name John Norris Phone 386-758-3663
Address 351 NW Corwin Gln Lake City, FL
Owners Name Image Development Group LLC Phone _____
911 Address 150 SW Greenwood Terr. Fort White FL 32038
Contractors Name John Norris Phone (Same)
Address 351 NW Corwin Gln Lake City, FL 32055
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address MATTY ESKRIDGE IMAGE Dev. LLC
Mortgage Lenders Name & Address Capital City Bank
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 34-05-16-04056-136 Estimated Cost of Construction 110,000.00
Subdivision Name Thornwood Lot 36 Block _____ Unit _____ Phase _____
Driving Directions take SR 47 South to Fort White turn Left on SR 27 go 1/4 mile turn Left on CR 18 go 1/2 mile turn Left on Greenwood terr 2nd Lot on Left.
Type of Construction New Home SFD Number of Existing Dwellings on Property _____
Total Acreage 1 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 50 Side 40 Side 40 Rear 260
Total Building Height 16' Number of Stories 1 Heated Floor Area 1532 Roof Pitch 6 1/2
Porches 300 Garage 506 Total 2338

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

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

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

John D Norris
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 8 day of November 2005.
Personally known ☒ or Produced Identification _____

Contractor Signature
Contractors License Number RG70066597
Competency Card Number _____
NOTARY STAMP/SEAL

Laurie Hodson
Notary Signature



Town of Fort White

Post Office Box 129 Fort White, Florida 32038-0129
Town Hall - (386) 497-2321 • Public Works - (386) 497-3345
Email: townofftwhite@alltel.com • Web site: Townoffortwhitefl.com

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

The undersigned hereby certify the following property is in compliance with the Town of Fort
White's Comprehensive Plan and Land Development Regulations for the stated development purposes:

OWNER'S NAME: Image Development Group

ADDRESS: 27607 N C.R. 1491 Alachua, FL 32615

PROPERTY DESCRIPTION: Lot #36 Thornwood Subdivision
(parcel number if possible) Parcel # 34-6S-16-04056-136

DEVELOPMENT: Single Family Dwelling

You are hereby authorized to issue the appropriate building permits.

OCT 04, 2005
DATE


LAND DEVELOPMENT REGULATION
ADMINISTRATOR
TOWN OF FORT WHITE

District #1
Donald Cook
497-1086

District #2
Henry Maini
497-2992

District #3
John Gloskowski
497-3999

District #4
Demetric Jackson
497-2078

Mayor
Truett George
497-4741

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

0510-16

Reference to: Build permit application Number:

Image Development Group Owner Image Development Group Lot 36 of Thornwood Subdivision

On the date of October 13, 2005 application 0510-16 and plans for construction of a single family dwelling were reviewed and 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 0510-16 when making reference to this application.

- ✓1. Please submit a recorded notice of commencement with this department prior to requesting any inspections on this dwelling.
- ✓2. If the Town of Fort White public water system will not be used please provide a letter from a potable well water contractor giving the following information. A. Size of pump motor, B. Size of pressure tank and C. Cycle stop valve if used.
- ✓3. Please provide a copy of the release, of the waste water disposal system from the Columbia County Environmental Department.
- ✓4. Application 0510-16 which was filed with the building department on the date of October 4, 2005 and will be reviewed under the Florida Building Code 2004. The Wind Load design by Mr. Marty Eskridge was design under the Florida Building Code 2001. The wind Load design should reflect the code sections of the Florida Building Code 2004 that relate to wind Load design code requirements.

5. Please show compliance with the Florida Residential Code 2004, sections R309 of Garage and Carports.

R309.1 Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

R309.1.1 Duct penetration: Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.

R309.2 Separation required: The garage shall be separated from the residence and its attic area by not less than 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

This Instrument Prepared by & return to:
Name: **Joyce Kirpach, an employee of**
TITLE OFFICES, LLC
Address: **1089 SW MAIN BLVD.**
LAKE CITY, FLORIDA 32025
File No. 04Y-10044JK

Inst: 2004025790 Date: 11/18/2004 Time: 09:12
Doc Stamp-Deed : 4900.00
YMK DC, P. Dewitt Cason, Columbia County B: 1030 P: 2804

Parcel I.D. #: 04056-005

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 15th day of November, A.D. 2004, by

GLENN FARMS, INC., having its principal place of business at **P.O. BOX 66, FORT WHITE, FLORIDA 32038**,
hereinafter called the grantor, to **IMAGE DEVELOPMENT GROUP, LLC.**, having its principal place of business at
20074 NW 258TH DRIVE, HIGH SPRINGS, FL 32643, hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in **Columbia County, State of FLORIDA**, viz:

All Lots in THORNWOOD, a subdivision according to the map or plat thereof as recorded in Plat Book 7, Page 202-204, of the Public Records of Columbia County, Florida, LESS AND EXCEPT Lots 14 and 31.

Restrictions, conditions, reservations, easements, and other matters common to the subdivision or shown on the map or plat thereof recorded in Plat Book 7, Page 202-204, but omitting any covenant or restriction based on race, color, religion, sex, handicap, familial status or national origin.

Subject to declaration of covenants, conditions and restrictions as recorded in Official Records Book 1027 Page 2960, but omitting any covenant or restrictions as to race, color, religion, sex, handicap, familial status or national origin.

Easement, recorded in Official Records Book 835, Page 1458, of the Public Records of Columbia County, FLORIDA.

Subject to Mortgage from GLENN FARMS, INC. in favor of CAPITAL CITY BANK in the original principal amount of \$215,000.00, recorded in Official Records Book 973, Page 21 (LESS AND EXCEPT Lots 1, 2, 29, 33, 35).

Subject to Mortgage from GLENN FARMS, INC. in favor of CAPITAL CITY BANK in the original principal amount of \$515,000.00, recorded in Official Records Book 977, Page 6. Assignment of Rents in Official Records Book 977, Page 14 (LESS AND EXCEPT Lots 1, 2, 29, 33, 35).

Subject to UCC Financing Statement from GLENN FARMS, INC. to CAPITAL CITY BANK recorded 03/11/2003 in Official Records Book 977, Page 19 (LESS AND EXCEPT Lots 1, 2, 29, 33, 35).

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

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

And the grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

In Witness Whereof, the said grantor has caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its proper officers thereunto duly authorized, the day and year first above written.

Signed, sealed and delivered in the presence of:

Martha Bryan
Witness Signature
Martha Bryan
Printed Name

Bregina Simpkins
Witness Signature
Bregina Simpkins
Printed Name

GLENN FARMS, INC.

By: Judy Glenn L.S.

Name: JUDY GLENN

Title: PRESIDENT

Sec/Treas

Inst:2004025790 Date:11/18/2004 Time:09:12

Doc Stamp-Deed : 4900.00

DC,P.Dewitt Cason,Columbia County B:1030 P:2805

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of November, 2004, by JUDY GLENN as ~~PRESIDENT~~ of GLENN FARMS, INC., a Florida corporation. He (she) is personally known to me or has produced Judy Glenn as identification.

Martha Bryan
Notary Public

My commission expires _____



Martha Bryan

COMMISSION # DD232534 EXPIRES

AUGUST 10, 2007

NOTARY PUBLIC, FLORIDA



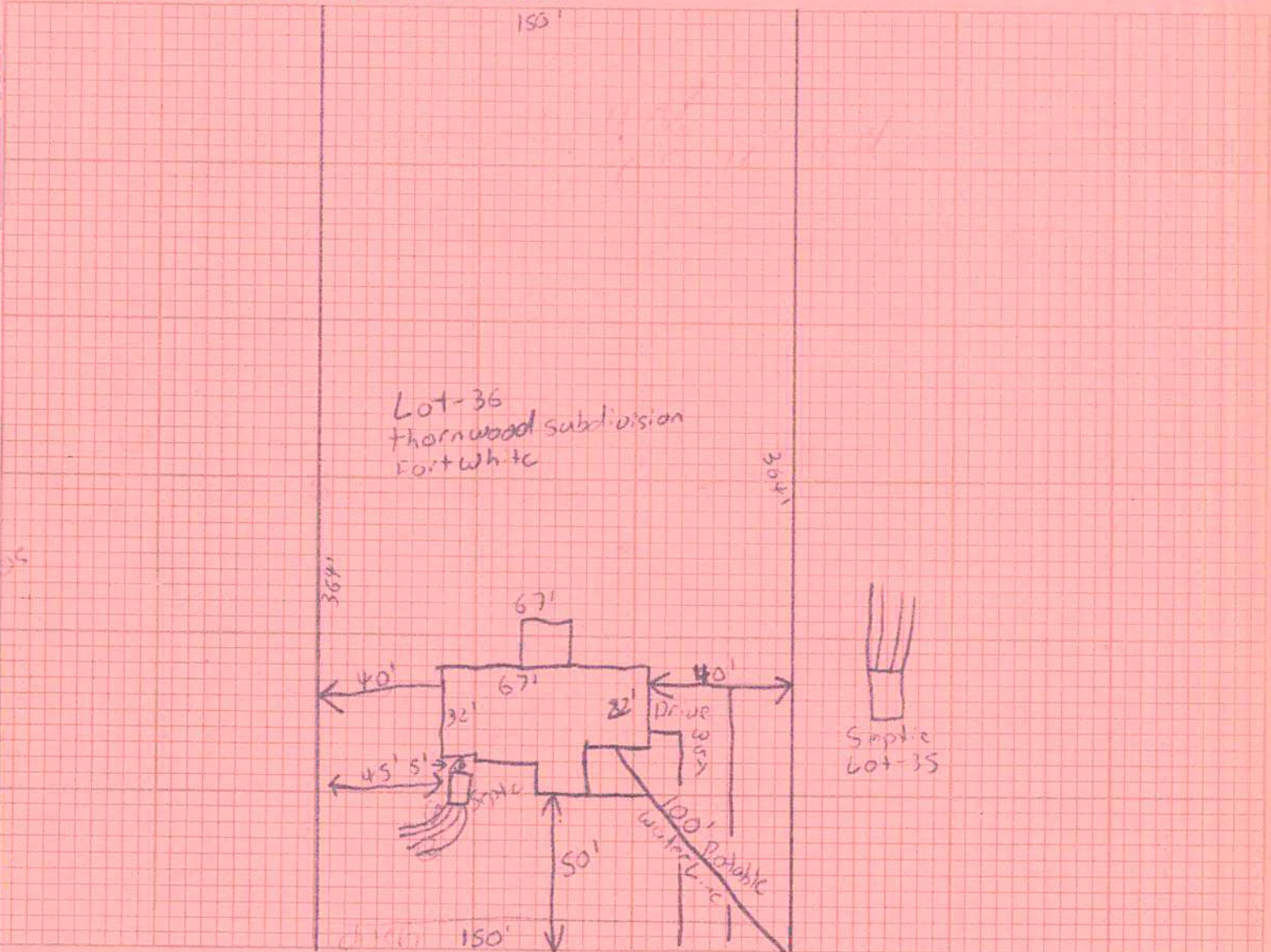
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-1034N

PART II - SITE PLAN

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



Notes: _____

Site Plan submitted by: Robert Clark [Signature] Signature owner Title

Plan Approved X Not Approved _____ Date 10-11-05

By Sally Maddy ESL COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: 04056-000

Inst:2005024762 Date:10/05/2005 Time:14:20
DC,P.DeWitt Cason,Columbia County B:1060 P:2418

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

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 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

LOT 36, THORNWOOD, a subdivision according to the map or plat thereof as recorded in Plat Book 7, Page 202-204, of the Public Records of Columbia County, Florida.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:

- a. Name and address:
**IMAGE DEVELOPMENT GROUP, LLC
P.O. BOX 309, NEWBERRY, FL 32669**
- b. Interest in property: **Fee Simple**
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

IMAGE DEVELOPMENT GROUP, LLC

~~P.O. BOX 309, NEWBERRY, FL 32669~~ *BC*

Telephone Number: *352-538-9697*

5. Surety (if any):

- a. Name and Address:
Telephone Number: _____
- b. Amount of Bond \$ _____

6. Lender: (Name and Address)

CAPITAL CITY BANK

1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308

Telephone Number: **850-402-2223**

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

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

CAPITAL CITY BANK

1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308

Telephone Number: **850-402-2223**

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

IMAGE DEVELOPMENT GROUP, LLC

By: *[Signature]* {SEAL}

_____{SEAL}

Sworn to and subscribed before me this *4th* day of *October*, 2005, by
Robert Clark as *Manager* of **IMAGE DEVELOPMENT**
GROUP, LLC, who is personally known to me or who has produced

as identification.

Notary Public

My Commission Expires: _____



THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: 04056-000

Inst:2005024762 Date:10/05/2005 Time:14:20
B DC,P.DeWitt Cason,Columbia County B:1060 P:2418

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SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

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2. General description of improvement: **construction of single family dwelling**

3. Owner information:

- a. Name and address:
**IMAGE DEVELOPMENT GROUP, LLC
P.O. BOX 309, NEWBERRY, FL 32669**
- b. Interest in property: **Fee Simple**
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

IMAGE DEVELOPMENT GROUP, LLC

~~P.O. BOX 309, NEWBERRY, FL 32669~~ *BC*

Telephone Number: 352-538-9697

27607 NCR 1491 Alachua FL 32615

5. Surety (if any):

- a. Name and Address:
Telephone Number: _____
- b. Amount of Bond \$ _____

6. Lender: (Name and Address)

CAPITAL CITY BANK

1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308

Telephone Number: 850-402-2223

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

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

CAPITAL CITY BANK

1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308

Telephone Number: 850-402-2223

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

IMAGE DEVELOPMENT GROUP, LLC

By: [Signature] {SEAL}

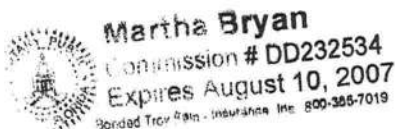
_____{SEAL}

Sworn to and subscribed before me this 4th day of October, 2005, by
Robert Clark as Manager of **IMAGE DEVELOPMENT**
GROUP, LLC, who is personally known to me or who has produced

as identification.

Notary Public

My Commission Expires: _____



NOTICE OF TERMINATION

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives Notice of Termination of the Notice of Commencement recorded on October 5, 2005 in Official Records Book 1060 Page 2418 of the public records of Columbia County, FLORIDA.

1. Description of property:

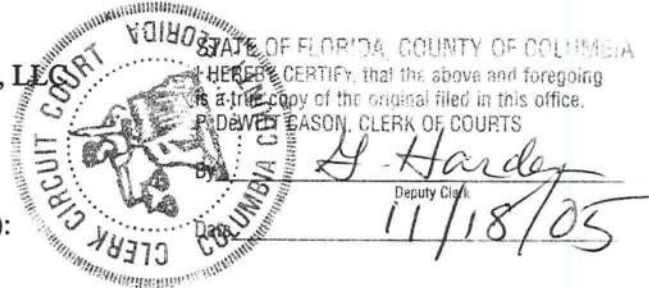
LOT 36, THORNWOOD, a subdivision according to the map or plat thereof as recorded in Plat Book 7, Page 202-204, of the Public Records of Columbia County, Florida.

2. General description of improvements: Single Family Residence

3. Owner: Name and address: IMAGE DEVELOPMENT GROUP, LLC
20074 NW 258TH DRIVE, HIGH SPRINGS, FL 32643

Interest in property: Fee Simple

Name and address of fee simple titleholder (if other than owner):



4. Contractor: Name and address: IMAGE DEVELOPMENT GROUP, LLC
27607 N. CR 1491, ALACHUA, FL 32615

5. Surety: Name and address: N/A

Amount of bond: \$ N/A

6. Lender: Name and address: CAPITAL CITY BANK 1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308

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) (b), Florida Statutes.

8. In addition to himself, Owner designates CAPITAL CITY BANK 1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308 to receive a copy of the Lienor's Notice under section 713.13 (1) (b), Florida Statutes.

9. Expiration date of Notice of Commencement (one year unless a different date is specified). Expiration Date:

10. Pursuant to Florida Statute sect. 713.132 the Notice of Commencement is terminated as of November 18, 2005 but not less than 30 days after the Notice of Termination is recorded.

11. This Notice of Termination applies to all real property subject to the Notice of Commencement except:

12. All lienors have been paid in full. A copy of the Contractor's Affidavit is attached.

IMAGE DEVELOPMENT GROUP,
LLC

Signature: Richard C. Parker
Print Name: RICHARD C. PARKER

STATE OF Florida
COUNTY OF Columbia

THE FOREGOING INSTRUMENT was acknowledged before me on November 18, 2005 by RICHARD C. PARKER as MANAGER of IMAGE DEVELOPMENT GROUP, LLC who is personally known to me or who has produced Drivers license as identification.

Notary Seal



JOYCE KIRPACH
MY COMMISSION # DD 310594
EXPIRES: April 20, 2008
Bonded Thru Budget Notary Services

Signature: Joyce Kirpach
Print Name: Joyce Kirpach
My Commission expires: April 20, 2008

CONTRACTOR'S AFFIDAVIT

Date: November 18, 2005

Inst:2005028932 Date:11/18/2005 Time:16:37
B DC, P. DeWitt Cason, Columbia County B:1065 P:1950

STATE OF FLORIDA
COUNTY OF COLUMBIA

Before me, the undersigned authority, this day personally appeared **RICHARD C. PARKER**, who, being by me first duly sworn, deposes and says that he is the **MANAGER** of **IMAGE DEVELOPMENT GROUP, LLC**, which is the general contractor who is constructing, repairing or improving a building for **IMAGE DEVELOPMENT GROUP, LLC** upon the following described property, to wit:

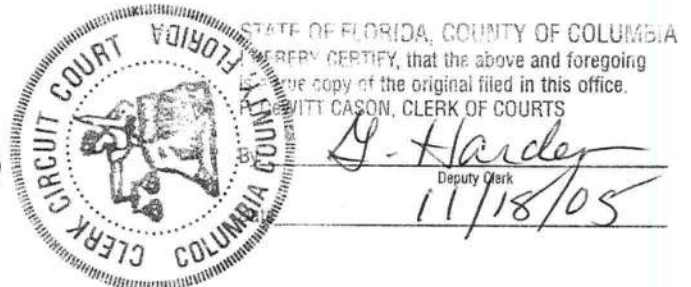
LOT 36, THORNWOOD, a subdivision according to the map or plat thereof as recorded in Plat Book 7, Page 202-204, of the Public Records of Columbia County, Florida.

and makes this affidavit for the purpose of inducing **CAPITAL CITY BANK** to complete the loan; that there is not at this time any sum due and owing to the undersigned, or by it to any person, firm or corporation, for labor, services, materials and equipment furnished on or about the property on which said loan is being granted and by which the same is being secured for which previous amounts have been disbursed from the loan amount; and further that the current payment is now due and said funds will be used for construction of the improvements; and that no laborers or mechanics lien or any kind exists in favor of the undersigned, and for value received the undersigned hereby waives and releases to said Bank any right that it now or hereafter may have to a lien upon said property, or any part thereof; nor does any lien exist in favor of the undersigned on any portion of said property or improvements thereon.

Affiant understands that **CAPITAL CITY BANK** is relying on the faith of these representations.

IMAGE DEVELOPMENT GROUP, LLC

By *Richard C. Parker* (SEAL)
RICHARD C. PARKER, MANAGER



SWORN TO and subscribed to before me this 18th day of **November**, A.D. **2005**.

Joyce Kirpach
Notary Public, State of Florida at Large
My Commission Expires: _____



District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Jennifer Flinn
District No. 5 - Elizabeth Porter

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY



MEMORANDUM

TO: Laurie Hodson, Building & Zoning Office Manager
FROM: Lisa K.B. Roberts, Assistant County Manager
DATE: May 15, 2006
SUBJECT: County Assessment Tax Refund

Please be advised that the Columbia County Board of County Commissioners, in regular session held May 4, 2006, approved the following refunds for Waste Assessments paid on Certificates of Occupancy:

Permit # 23876 – Thornwood S/D Lot 12 - \$73.50
Permit #23832 – Thornwood S/D Lot 17 - \$85.75
Permit #22921 – Thornwood S/D Lot 35 - \$147.00
Permit # 23834 – Thornwood S/D Lot 36 - \$85.75

By copy of this memorandum, accounting is requested to issue a check in the amount of \$392.00 payable to Image Development Group and mail the same to Image Development Group, P.O. Box 305, Newberry, FL. 32669.

XC: Brian Kepner, County Planner
John Kerce, P & Z Director *JK*
Mary Sue George
Image Development Group
Outgoing Correspondence

BOARD MEETS FIRST THURSDAY AT 7:00 P.M.
AND THIRD THURSDAY AT 7:00 P.M.

P. O. BOX 1529 ▼

LAKE CITY, FLORIDA 32056-1529 ▼

PHONE (386) 755-4100

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Jennifer Flinn
District No. 5 - Elizabeth Porter

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

May 1, 2006

Memorandum

TO: Ronald Williams, Chairman Board of County Commissioners

FR: Laurie Hodson, *LH* Building & Zoning Office Manager

RE: County Assessment Tax Refund

I am requesting a refund for the Waste Assessments paid on four Certificates of Occupancy. These fees were paid in error, only the fire assessments should have been charged for these lots which are in the city limits of Fort White.

The refund amounts are...

Permit # 23876, Thornwood S/D Lot 12 = \$73.50
Permit # 23832, Thornwood S/D Lot 17 = \$85.75
Permit # 22921, Thornwood S/D Lot 35 = \$147.00
Permit # 23834, Thornwood S/D Lot 36 = \$85.75
Total refund amount requested is \$392.00.

These fees were deposited into the Waste Assessment account (MSBU) 363.301.

Check payable to: Image Development Group
P.O. Box 305
Newberry, FL 32669

/lh: 4 attachments

RECEIVED
MAY 02 2006

Board of County Commissioners
Columbia County

BOARD MEETS FIRST THURSDAY AT 7:00 P.M.
AND THIRD THURSDAY AT 7:00 P.M.

P. O. BOX 1529 ▼

LAKE CITY, FLORIDA 32056-1529 ▼

PHONE (386) 755-4100

COLUMBIA COUNTY OFFICE CALVINY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 34-6S-16-04056-136

Building permit No. 000023834

Use Classification SFD, UTILITY

Fire: 41.44

Permit Holder JOHN NORRIS

Waste: 85.75

Owner of Building IMAGE DEVELOPMENT GROUP

Total: 127.19

Location: 150 SW GREENWOOD TERR. (THORNWOOD, LOT 36)

Date: 03/02/2006



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	LOT36	Builder:	IMAGE DEV. GRP.
Address:		Permitting Office:	Columbia Co.
City, State:	,	Permit Number:	23834
Owner:		Jurisdiction Number:	22100
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1532 ft²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
(or Single or Double DEFAULT) 7a. (Dble Default)	135.0 ft²		HSPF: 7.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear)	135.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=4.0, 176.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1184.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 180.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1532.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 122.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 22819
Total base points: 24399

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>SUNFAST INSULATORS</u> DATE: <u>8-23-05</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: <u>[Signature]</u> DATE: <u>[Signature]</u>	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____ 
---	--

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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.	

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
3		2635.00	7905.0	50.0	0.92	3		1.00	2635.00 1.00 7905.0
				As-Built Total:					
				7905.0					

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
8389		8106	7905 24399	7895		7019	7905 22819

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt		Area X WPM X WOF = Point				
.18	1532.0	12.74	3513.2	Double, Clear	E	2.0	6.0	75.0	18.79	1.06	1494.8
				Double, Clear	W	2.0	6.0	60.0	20.73	1.04	1296.8
				As-Built Total:				135.0	2791.6		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	180.0	3.60	648.0	Frame, Wood, Exterior	13.0		1184.0	3.40	4025.6		
Exterior	1184.0	3.70	4380.8	Frame, Wood, Adjacent	13.0		180.0	3.30	594.0		
Base Total:		1364.0	5028.8	As-Built Total:				1364.0	4619.6		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	11.50	230.0	Exterior Insulated			28.0	8.40	235.2		
Exterior	28.0	12.30	344.4	Adjacent Insulated			20.0	8.00	160.0		
Base Total:		48.0	574.4	As-Built Total:				48.0	395.2		
CEILING TYPESArea X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1532.0	2.05	3140.6	Under Attic	30.0		1532.0	2.05 X 1.00	3140.6		
Base Total:		1532.0	3140.6	As-Built Total:				1532.0	3140.6		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	176.0(p)	8.9	1566.4	Slab-On-Grade Edge Insulation	4.0		176.0(p)	8.45	1487.2		
Raised	0.0	0.00	0.0								
Base Total:		1566.4	As-Built Total:			176.0	1487.2				
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1532.0	-0.59			1532.0	-0.59	-903.9			
Winter Base Points:		12919.5	Winter As-Built Points: 11530.4								
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)							
12919.5	0.6274	8105.7	(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 11530.4 1.000 (1.069 x 1.169 x 1.00) 0.487 1.000 7019.3 11530.4 1.00 1.250 0.487 1.000 7019.3								

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X SPM X SOF = Points			
.18	1532.0	20.04	5526.2	Double, Clear	E	2.0	6.0	75.0	42.06	0.85	2675.3
				Double, Clear	W	2.0	6.0	60.0	38.52	0.85	1963.3
				As-Built Total:			135.0			4638.7	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	180.0	0.70	126.0	Frame, Wood, Exterior	13.0			1184.0	1.50	1776.0	
Exterior	1184.0	1.70	2012.8	Frame, Wood, Adjacent	13.0			180.0	0.60	108.0	
Base Total:		1364.0	2138.8	As-Built Total:		1364.0			1884.0		
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	20.0	2.40	48.0	Exterior Insulated				28.0	4.10	114.8	
Exterior	28.0	6.10	170.8	Adjacent Insulated				20.0	1.60	32.0	
Base Total:		48.0	218.8	As-Built Total:		48.0			146.8		
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1532.0	1.73	2650.4	Under Attic	30.0			1532.0	1.73 X 1.00	2650.4	
Base Total:		1532.0	2650.4	As-Built Total:		1532.0			2650.4		
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	176.0(p)	-37.0	-6512.0	Slab-On-Grade Edge Insulation	4.0			176.0(p)	-36.70	-6459.2	
Raised	0.0	0.00	0.0								
Base Total:		-6512.0		As-Built Total:		176.0			-6459.2		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1532.0 10.21 15641.7				1532.0 10.21 15641.7							
Summer Base Points: 19663.9				Summer As-Built Points: 18502.3							
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)							
19663.9 0.4266 8388.6				(sys 1: Central Unit 34000 btuh ,SEER/EFF(10.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 18502 1.00 (1.09 x 1.147 x 1.00) 0.341 1.000 7895.0 18502.3 1.00 1.250 0.341 1.000 7895.0							

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.7

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1532 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 135.0 ft ²		HSPF: 7.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 135.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=4.0, 176.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1184.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 180.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1532.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 122.0 ft		
b. N/A			

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 EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525
(exp. 10/31/2005)

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.

23834

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Image Development Group Company Phone No. 758-36603

351 NW CROWN GLEN

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Thornwood S/D
150 SW Greenwood Terr.
Ft. White, FL 32038
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

Lot # 36

Section 4: Treatment Information

Date(s) of Treatment(s) 12/6/05
Brand Name of Product(s) Used Pro Build TC
EPA Registration No. 100-1006
Approximate Final Mix Solution % 5%
Approximate Size of Treatment Area: Sq. ft. 2338 Linear ft. 278 Linear ft. of Masonry Voids 260
Approximate Total Gallons of Solution Applied 546 gals.
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) S. Gregory Certification No. (if required by State law) JF104376

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 Shannon Gregory Date 12/6/05

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

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

Reorder Product #2581 • from CROWNMAX • 1-800-252-4011

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories
☒	☐	
☒	☐	
☒	☐	
☐	☐	
☐	☐	
☐	☐	
☒	☐	
☒	☐	

- | | | |
|-------------------------------------|--------------------------|--|
| ☒ | ☐ | Floor Plan including: |
| ☒ | ☐ | a) Rooms labeled and dimensioned |
| ☒ | ☐ | b) Shear walls |
| | ☐ | c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown) |
| ☐ | ☐ | d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth |
| ☐ | ☐ | e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails |
| ☒ | ☐ | f) Must show and identify accessibility requirements (accessible bathroom) |
| | ☐ | Foundation Plan including: |
| ☒ | ☐ | a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing |
| ☒ | ☐ | b) All posts and/or column footing including size and reinforcing |
| ☐ | ☐ | c) Any special support required by soil analysis such as piling |
| ☒ | ☐ | d) Location of any vertical steel |
| | ☐ | Roof System: |
| ☒ | ☐ | a) Truss package including: |
| | | 1. Truss layout and truss details signed and sealed by FI. Pro. Eng. |
| | | 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) |
| ☐ | ☐ | b) Conventional Framing Layout including: |
| | | 1. Rafter size, species and spacing |
| | | 2. Attachment to wall and uplift |
| | | 3. Ridge beam sized and valley framing and support details |
| | | 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) |
| | ☐ | Wall Sections including: |
| ☐ | ☐ | a) Masonry wall |
| | | 1. All materials making up wall |
| | | 2. Block size and mortar type with size and spacing of reinforcement |
| | | 3. Lintel, tie-beam sizes and reinforcement |
| | | 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details |
| | | 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation |
| | | 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating) |
| | | 7. Fire resistant construction (if required) |
| | | 8. Fireproofing requirements |
| | | 9. Shoe type of termite treatment (termicide or alternative method) |
| | | 10. Slab on grade |
| | | a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed) |
| | | b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports |
| | | 11. Indicate where pressure treated wood will be placed |
| | | 12. Provide insulation R value for the following: |
| | | a. Attic space |
| | | b. Exterior wall cavity |
| | | c. Crawl space (if applicable) |

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
(386) 758-1058 (**Toilet facilities shall be provided for construction workers**)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is **\$50.00**
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**\$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**\$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

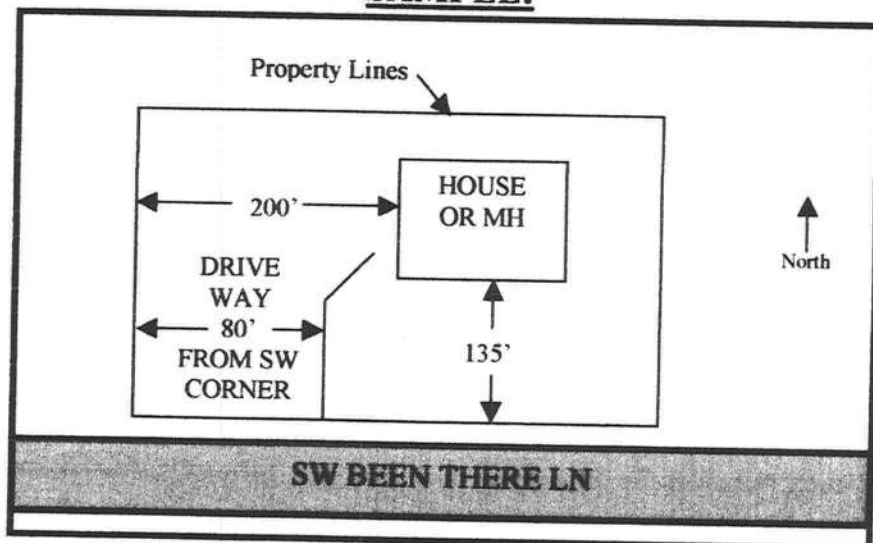
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
 - a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
 - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
 - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

RESIDENTIAL WIND DESIGN & ANALYSIS
NO COPIES ARE TO BE PERMITTED \ FBC2004

PREPARED FOR:

IMAGE DEV. GROUP \ LOT 36

PREPARED BY:
MARTY R. ESKRIDGE
14952 MAIN ST
ALACHUA FL 32615
386-462-1340 / 352-375-6329

SUMMARY

OF WIND DESIGN & ANALYSIS

Trusses: Lumber type So. Pine Grade #1 #2 #3 Size 2 x 4 Spacing 24 in.

Hurricane anchors: Interior: Mfr * Model *
End: Mfr * Model *

Roof sheathing: Type OSB Size 7/16 Fastener type Nails Size 8d/131 GA.
Interior zone spacing: Interior 8 in. Periphery 4 in.
Edge and end zone spacing: Interior 8 in. Periphery 4 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 12 in.

Studs: Wood or Steel: Wood Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
67'- Trans: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.
62'- Long: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.

Wall tension transferred by: Siding nails 8d/131 @ 4 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi
Size 1/2 in. Shape L Washer 2" Embedment 6 in.
Location of first anchor bolt from corner 8 in.

Anchor Bolts @ 48" O.C.

Hold-down device: Mfr Model A307 Loc. from corner 8 in.

Type of foundation: 1 #5 rebar continuous required in bond beam.

Floor slab 4 in. CMU: Size 8 x 16 in. Height 24 in. Reinf. #5 at 96 in.
Monolithic footing: Depth 18 in. Bottom width 12 in.

Footing: Width 20 in. Depth 10 in. Reinforcing 2 --# 5 bars
Interior Footings: 16" W X 10" D

Porch Columns: 6X6X8' SYP #2 @ 144" OC

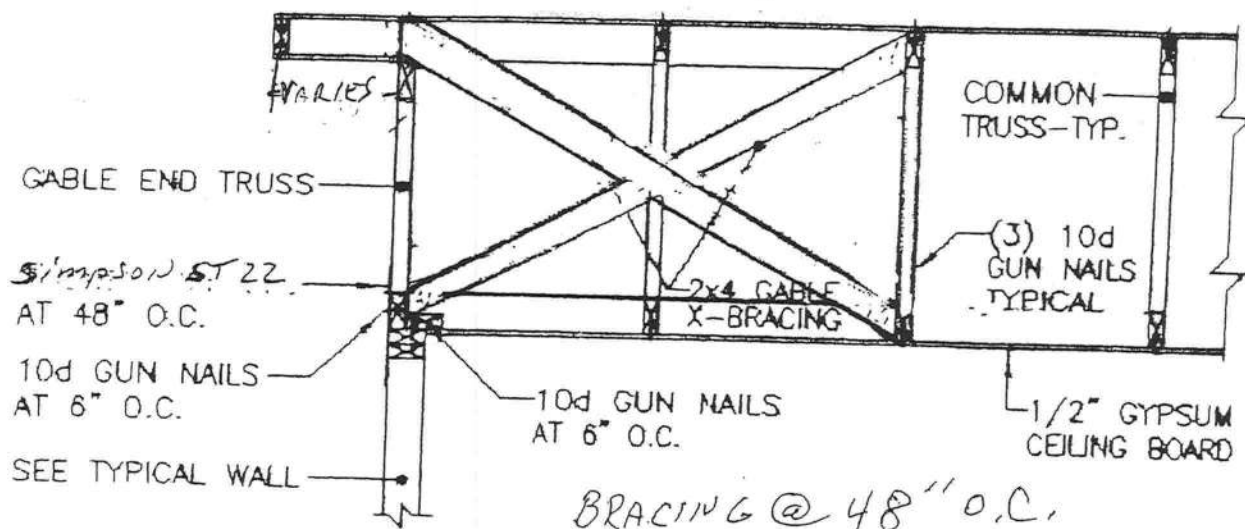
Porch Column Fasteners: Simpson ABC66/CC66 OR CE66

NOTE:

1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shearwalls.
4. This is a windload only, NOT a structural analysis.
5. This windload is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.

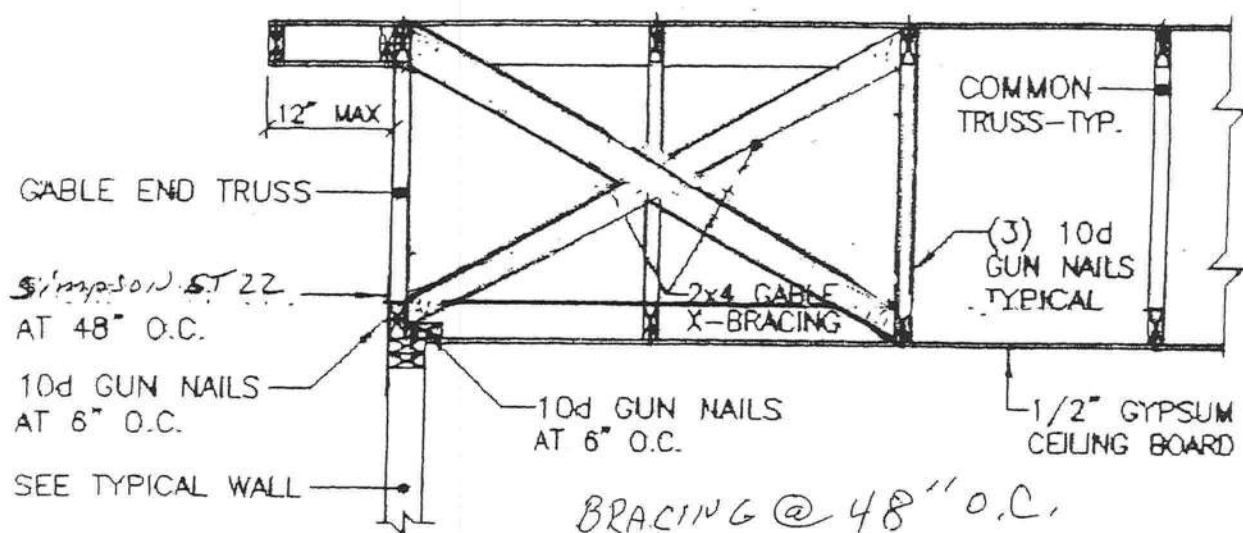
C36


ANN 13985
9/16/05



GABLE END DETAIL

SCALE: NTS

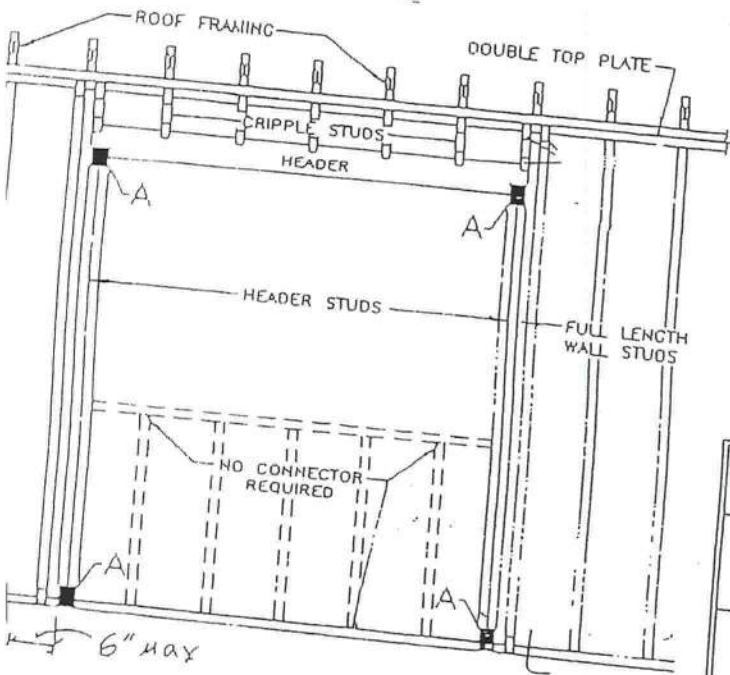
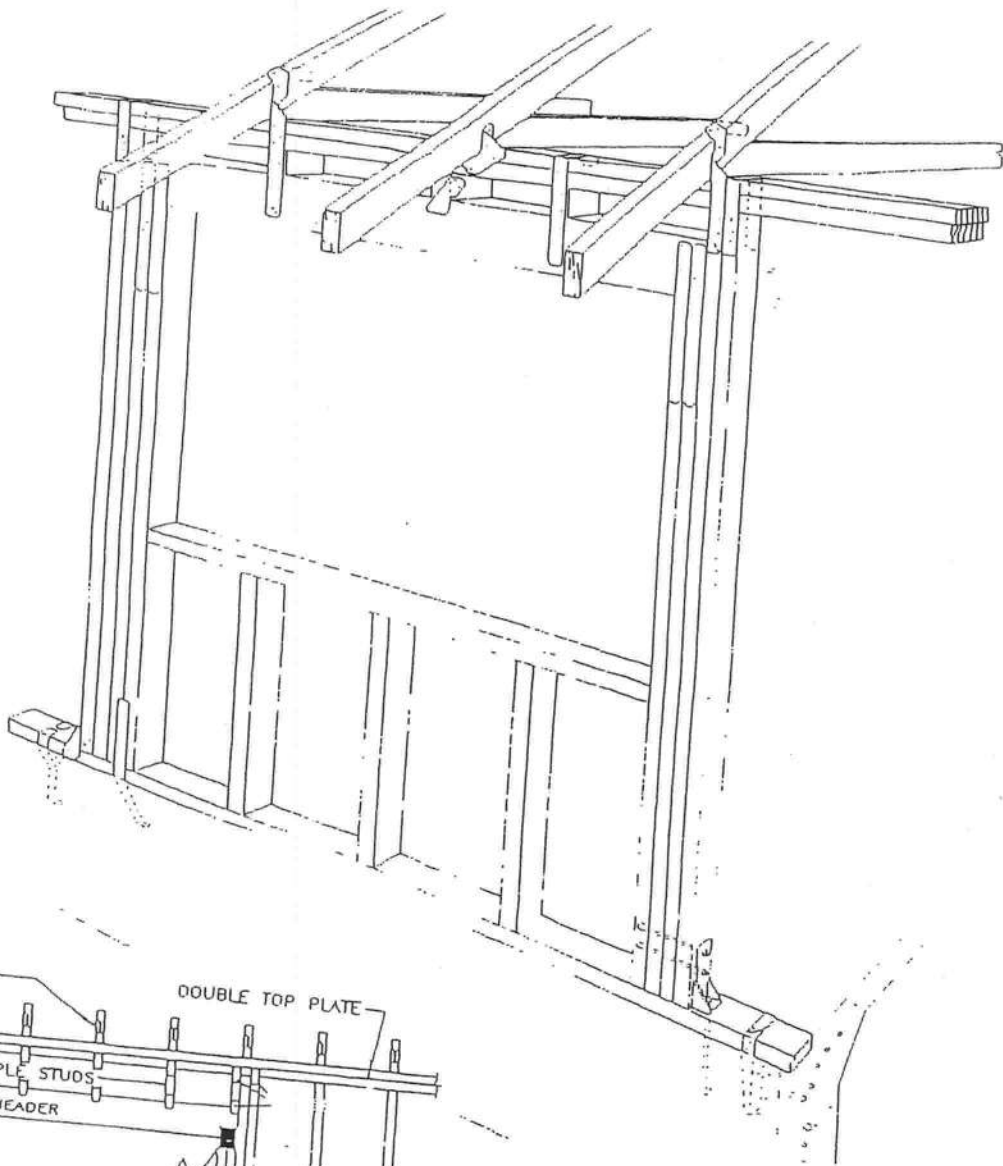


GABLE END DETAIL

SCALE: NTS

236

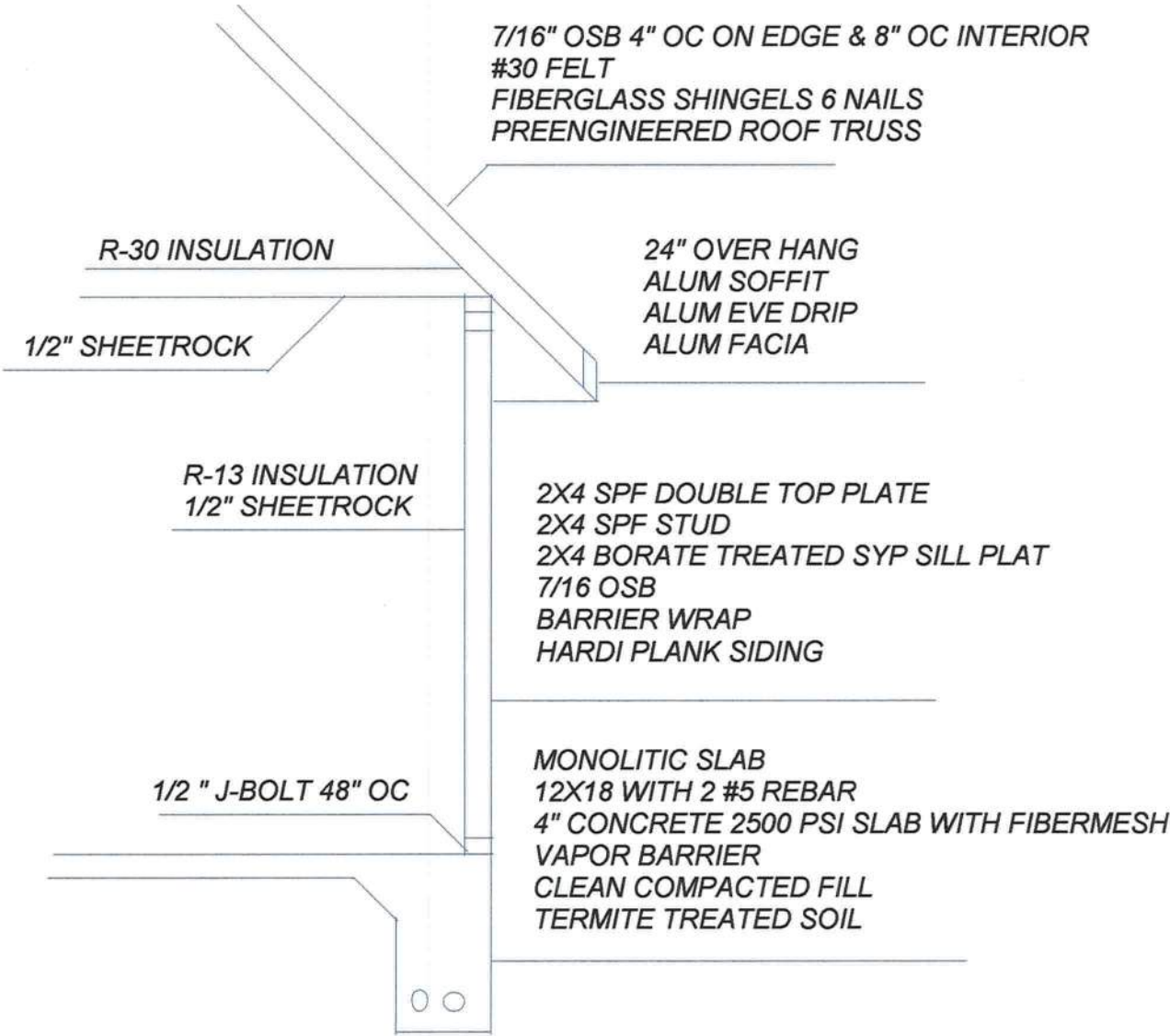
Handwritten signature and date:
 APPROVED
 9/10/05



		Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1	2	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
Unsupported Wall Height	Stud Spacing	2	2	3	3	3	3
		2	2	3	3	3	3
		1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
		2	2	3	3	4	4
		1	2	2	2	3	3

Total each truss uplift on the header divide by 2 for header anchorage

TYPICAL WALL SECTION
MONOLITIC SLAB



Lot-36

[illegible]

Lot-36

WINDOWS				ATTACHMENT		
TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILLS
single hung	capitol	650	3/0-5/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	6/0-5/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	3/0-3/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650	5/0-5/0	#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
single hung	capitol	650		#8-12" oc	#8-12" oc	#8-12" oc
DOORS				ATTACHMENT OF FRAME		
TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILL
WOOD/STEEL	MASONITE	COP/WE	3/0-6/8	#10-12" oc	#10-12" oc	1/4" TAPCON
WOOD/STEEL	MASONITE	COP/WE	3/0-6/8	#10-12" oc	#10-12" oc	1/4" TAPCON
WOOD/STEEL	MASONITE	COP/WE		#10-12" oc	#10-12" oc	1/4" TAPCON
WOOD/STEEL	MASONITE	COP/WE		#10-12" oc	#10-12" oc	1/4" TAPCON
WOOD/STEEL	MASONITE	COP/WE		#10-12" oc	#10-12" oc	1/4" TAPCON
WOOD/STEEL	MASONITE	COP/WE		#10-12" oc	#10-12" oc	1/4" TAPCON
PANEL/STEEL	MID-AMERICA	REGAL	16 X 7	SEE ATTACHMENT		

TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700
Total uplift for each truss resting on the header and divide by 2 to determine the uplift force. Use proper bolt anchors sufficient to support required load.				

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A
Two 12d common toenails are required per truss/rafter per bearing point into plate. Use proper bolt anchors. Strap rafters to truss or at each end with minimum uplift resistance of 450# each end. Strap ridge beam at each end with minimum uplift resistance of 1000#. It is the contractors responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.		

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300
*or per truss engineering Use proper bolt anchors All beams to be sheathed or strapped to Double Top Plate when applicable.				

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.
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STUDS	
Wall sheathing nailing Adequate exterior walls bottom w/8d nails @ 3" O.C.	
Wall sheathing nailing Adequate exterior walls top w/8d nails @ 3" O.C., as long as sheathing covers top plate, otherwise use SP2 @ 32" O.C. in addition to sheathing nailing.	
Use SP2 top and SP1 bottom each stud for all interior load bearing walls and anchor bolts @ 32" O.C.	
Interior anchor bolts to be ½" x 8" A307 or ½" x 6" wedge anchor or equivalent.	

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.
NOTE: For nailing into SPF members, multiply table values by .86

Wind Load Design per ASCE 7-98

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	26.6	Deg
Type of Roof	Hipped	
Eave Height (Eht)	8.00	ft
Ridge Height (RHt)	21.27	ft
Mean Roof Height (Ht)	15.09	ft
Width Perp. to Wind (B)	50.00	ft
Width Parallel to Wind (L)	69.00	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.30
Flexible Structure	No

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.8996	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8658	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	0.98	
Nb	4.6*NatFreq*B/Vzm	3.24	
Nd	15.4*NatFreq*Depth/Vzm	14.99	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5734	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.2608	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.0645	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.6799	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.06	

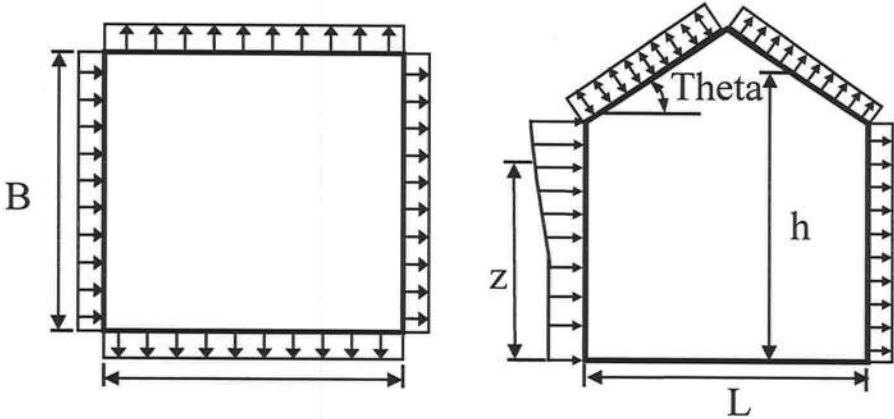
Gust Factor Summary			
Main Wind-force resisting system:		Components and Cladding:	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.87	Gust Factor (G)	0.87

Wind Load Design per ASCE 7-98

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev. ft	Kz	Kzt	Kd	qz lb/ft^2	Pressure (lb/ft^2)	
					Windward Wall*	
					+GCpi	-GCpi
21.27	0.70	1.00	1.00	21.70	11.82	18.24
20	0.70	1.00	1.00	21.70	11.82	18.24
15.09	0.70	1.00	1.00	21.70	11.82	18.24
15	0.70	1.00	1.00	21.70	11.82	18.24

Figure 6-3 - External Pressure Coefficients, Cp
Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	$2.01 \cdot (Ht/zg)^{(2/\alpha)}$	0.58	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	$.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot Kh \cdot Kht \cdot Kd$	17.83	psf

Wall Pressure Coefficients, Cp	
Surface	Cp
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf)	
		+GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 50 ft wall)	-0.42	-9.76	-3.34
Leeward Walls (Wind Dir Parallel to 69 ft wall)	-0.50	-10.93	-4.51
Side Walls	-0.70	-14.02	-7.60
Roof - Normal to Ridge (Theta >= 10)			
Windward - Max Negative	-0.20	-6.30	0.12
Windward - Max Positive	0.30	1.42	7.84
Leeward Normal to Ridge	-0.60	-12.47	-6.05
Overhang Top	-0.20	-3.09	-3.09
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 7.545 ft	-0.90	-17.11	-10.69

ASCE 7-98

9/9/05

Wind Load Design per ASCE 7-98

Dist from Windward Edge: 7.545 ft to 15.09 ft	-0.90	-17.11	-10.69
Dist from Windward Edge: 15.09 ft to 30.18 ft	-0.50	-10.93	-4.51
Dist from Windward Edge: > 30.18 ft	-0.30	-7.84	-1.42

* Horizontal distance from windward edge

Figure 6-4 - External Pressure Coefficients, GCpf
Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =

$2.01 \cdot (Ht/zg)^{2/\alpha}$

=

0.58

Kht =

Topographic factor (Fig 6-2)

=

1.00

Qh =

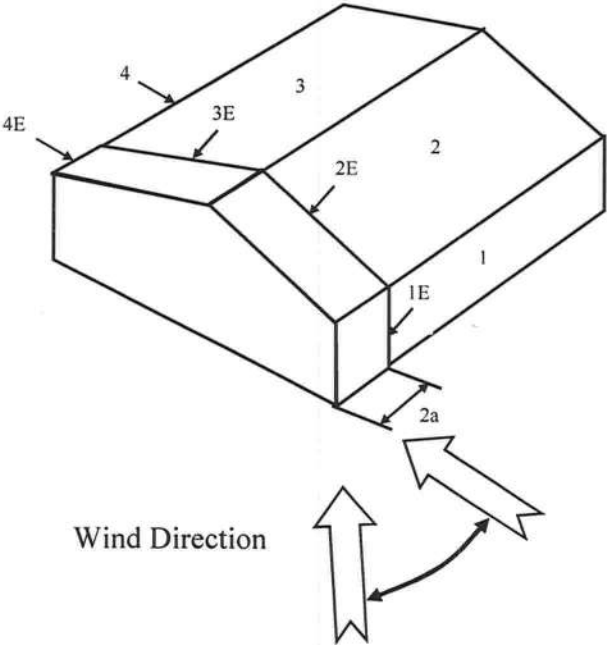
$0.00256 \cdot (V)^2 \cdot ImpFac \cdot Kh \cdot Kht \cdot Kd$

=

17.83

Case A						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	0.55	0.18	-0.18	21.70	8.03	15.84
2	-0.10	0.18	-0.18	21.70	-5.99	1.82
3	-0.45	0.18	-0.18	21.70	-13.61	-5.79
4	-0.39	0.18	-0.18	21.70	-12.38	-4.57
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.73	0.18	-0.18	21.70	11.88	19.69
2E	-0.19	0.18	-0.18	21.70	-7.93	-0.12
3E	-0.58	0.18	-0.18	21.70	-16.59	-8.78
4E	-0.53	0.18	-0.18	21.70	-15.50	-7.69
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* $p = qh \cdot (GCpf - GCpi)$



Wind Load Design per ASCE 7-98

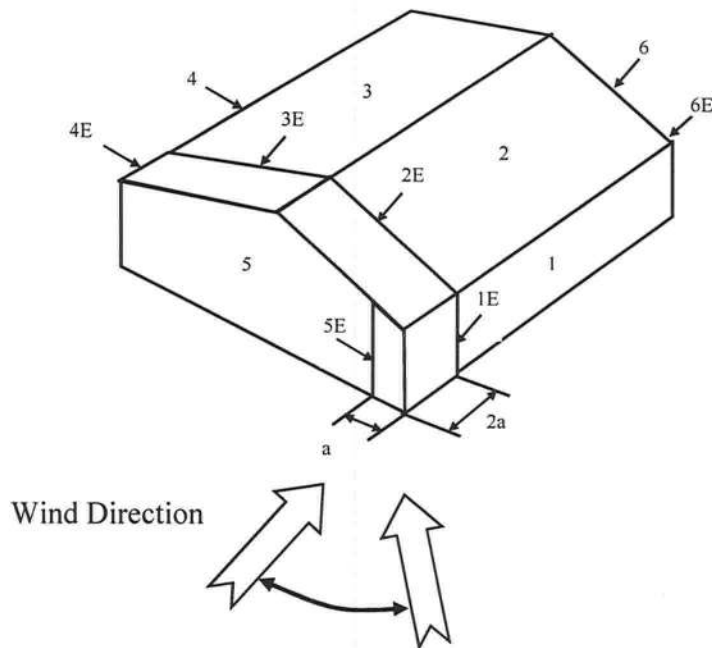
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht ≤ 60 ft

$$\begin{aligned} K_h &= 2.01 \cdot (H_t/z_g)^{2/\alpha} &= & 0.58 \\ K_{ht} &= \text{Topographic factor (Fig 6-2)} &= & 1.00 \\ Q_h &= 0.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot K_h \cdot K_{ht} \cdot K_d &= & 17.83 \end{aligned}$$

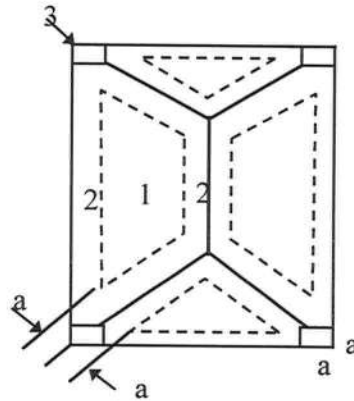
Case B						
Surface	GCpf	+GCpi	-GCpi	qh (psf)	Min P (psf)	Max P (psf)
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

$$* p = q_h \cdot (GC_{pf} - GC_{pi})$$



9/9/05

Figure 6-5 - External Pressure Coefficients, GC_p

 $10 < \text{Theta} \leq 30$

$a = 5 \implies \boxed{5.00 \text{ ft}}$

[illegible]

Table 6-7 Internal Pressure Coefficients for Buildings, G_{cpi}

ASCE 7-98

9/9/05

Wind Load Design per ASCE 7-98

Condition	Gcpi	
	Max +	Max -
Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	0.18	-0.18

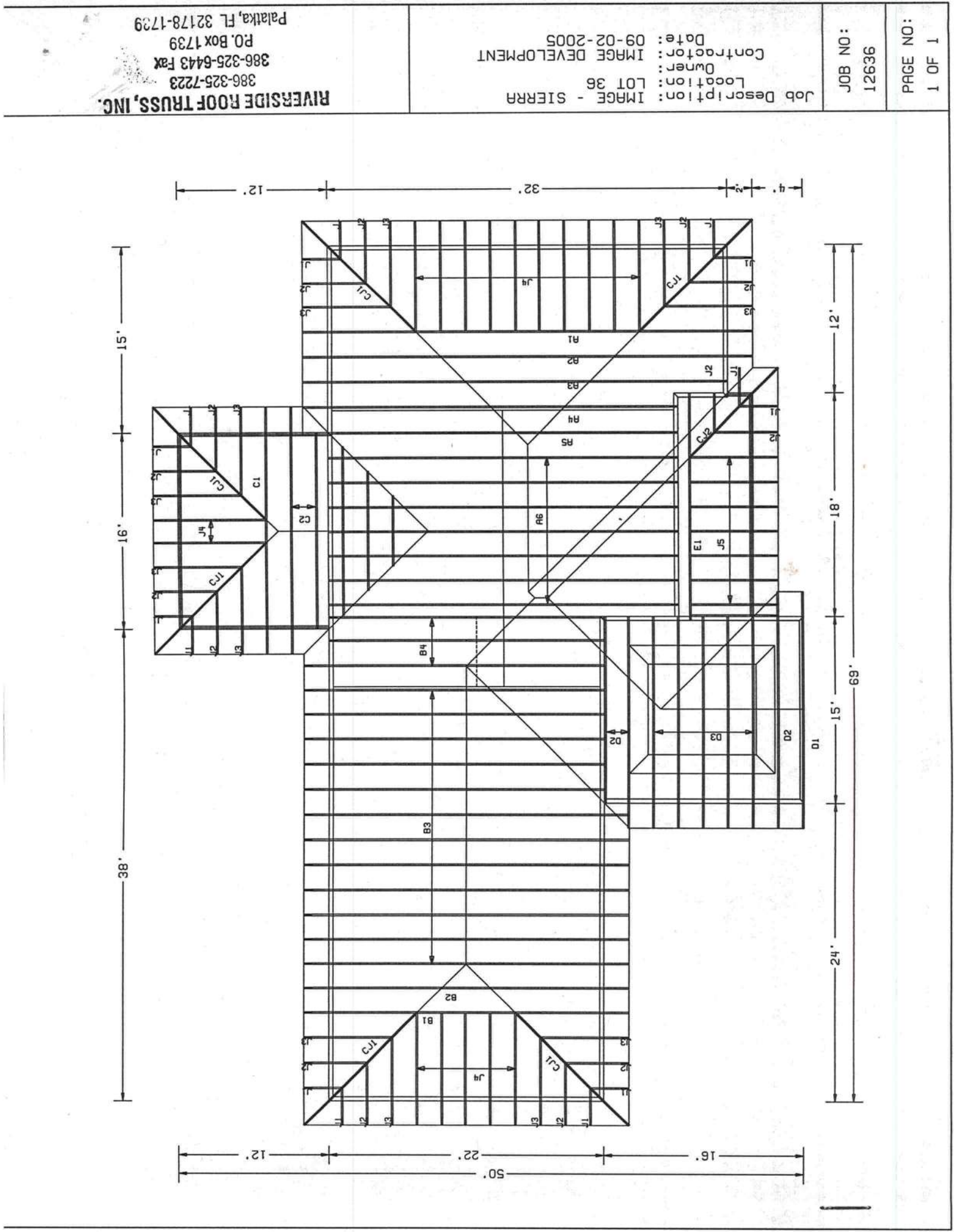
Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.28	-18.65	-10.93
	P (-GCpi) -psf	5.14	-12.23	-4.51
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.27	-18.65	-10.93
	P (-GCpi) -psf	3.27	-18.65	-10.93

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

Variable	Description	Value	
L	Roof dimension normal to wind direction	69.00	ft
B	Roof dimension parallel to wind direction	50.00	ft
L/B	Ratio of L to B	1.380	
Theta	Slope of Roof	26.6	Deg
Cf	Force Coefficient	1.13	
X	Distance to center of pressure from windward edge	0.40	ft



PAGE NO: 1 OF 1	JOB NO: 12636	Job Description: IMAGE - SIERRA Location: LOT 36 Owner: IMAGE DEVELOPMENT Contractor: 09-02-2005 Date: 09-02-2005	RIVERSIDE ROOF TRUSS, INC. 386-325-7223 386-325-6443 Fax P.O. Box 1739 Palatka, FL 32178-1739
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Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SQ3917-Z0801084722

Truss Fabricator: Riverside Truss
Job Identification: 12636--IMAGE - SIERRA -- LOT 36 High Springs, FL
Truss Count: 23
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.11, 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 42.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Partially Enclosed

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 1-1995 Section 2.2
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR917

Details: GBLLETIN

#	Ref	Description	Drawing#	Date
1	15461--A1		05244016	09/01/05
2	15462--A2		05244001	09/01/05
3	15463--A3		05244002	09/01/05
4	15464--A4		05244003	09/01/05
5	15465--A5		05244004	09/01/05
6	15466--A6		05244005	09/01/05
7	15467--B1		05244017	09/01/05
8	15468--B2		05244006	09/01/05
9	15469--B3		05244018	09/01/05
10	15470--B4		05244007	09/01/05
11	15471--C1		05244019	09/01/05
12	15472--C2		05244008	09/01/05
13	15473--D1		05244009	09/01/05
14	15474--D2		05244010	09/01/05
15	15475--D3		05244011	09/01/05
16	15476--E1		05244020	09/01/05
17	15477--J1		05244021	09/01/05
18	15478--J2		05244012	09/01/05
19	15479--J3		05244013	09/01/05
20	15480--J4		05244014	09/01/05
21	15481--J5		05244015	09/01/05
22	15482--CJ1		05244022	09/01/05
23	15483--CJ2		05244023	09/01/05



Seal Date: 09/01/2005

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SQ3917-Z0801084722

Truss Fabricator: Riverside Truss
Job Identification: 12636--IMAGE - SIERRA -- LOT 36 High Springs, FL
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.11, 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 42.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Partially Enclosed

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 1-1995 Section 2.2
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR917

Seal Date: 09/01/2005

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

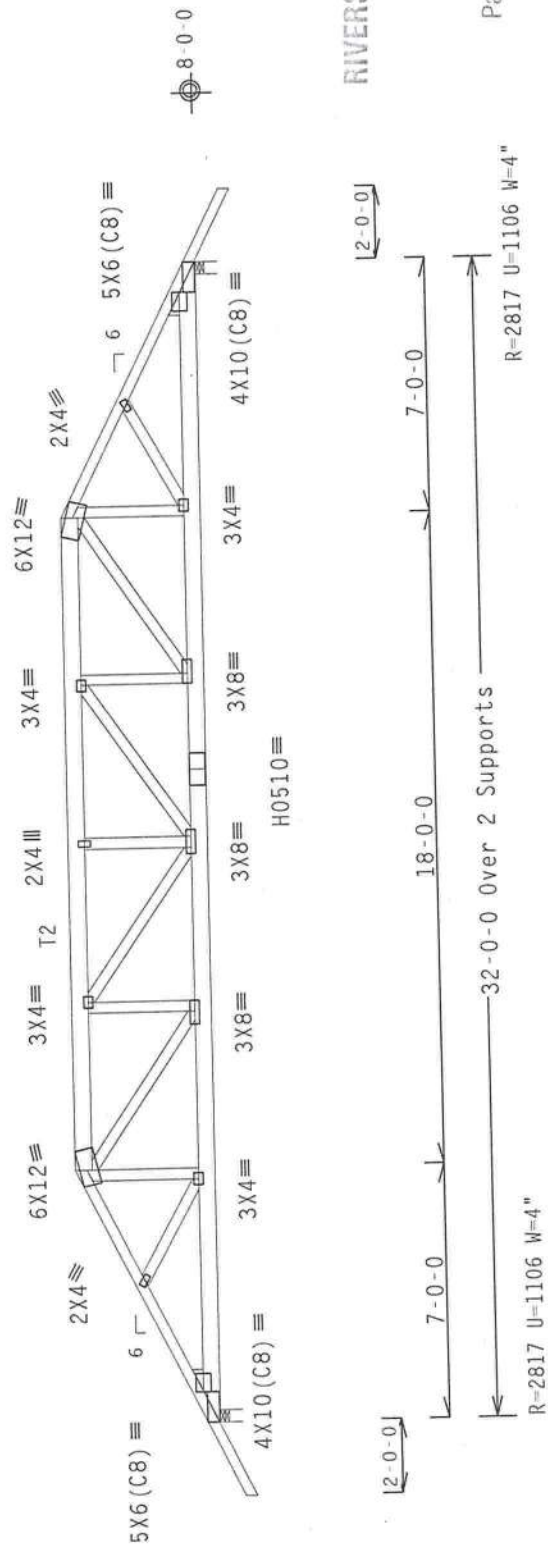
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ALPINE



Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot. chord 2x6 SP #1 Dense
Webs 2x4 SP #3
Plt Wedge 2x4 SP #3::Rt Wedge 2x4 SP #3:

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. 20 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

QTY:1

FL/-2/-/-R/-

Scale =.1875"/Ft.

REF	R917--	15461	20.0	PSF
DATE	09/01/05		7.0	PSF
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HC-ENG	SL/DLJ		10.0	PSF
SEQN-	113703		42.0	PSF
FROM	BF		1.25	
JREF-	1S03917_Z08		24.0"	

****WARNING**** RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51-1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (THE PLATE INSTITUTE, 583 D'UNFOIRF DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS CONSULTANTS, 1000 WOOD TRUSS DRIVE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE DESIGN SPECIFICATIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (SEE TPI DESIGN SPEC, BY AF&PA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. THE TRUSS SHALL BE MADE OF 20 GAUGE HS.WAVE (W/1603 GRADE 40/60 (H, K/H/S)) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED, LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS INSPECTION OF PLATES FOLLOWING PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FABRICATING INDICATES. THE SUBMITTER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUBMITTER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

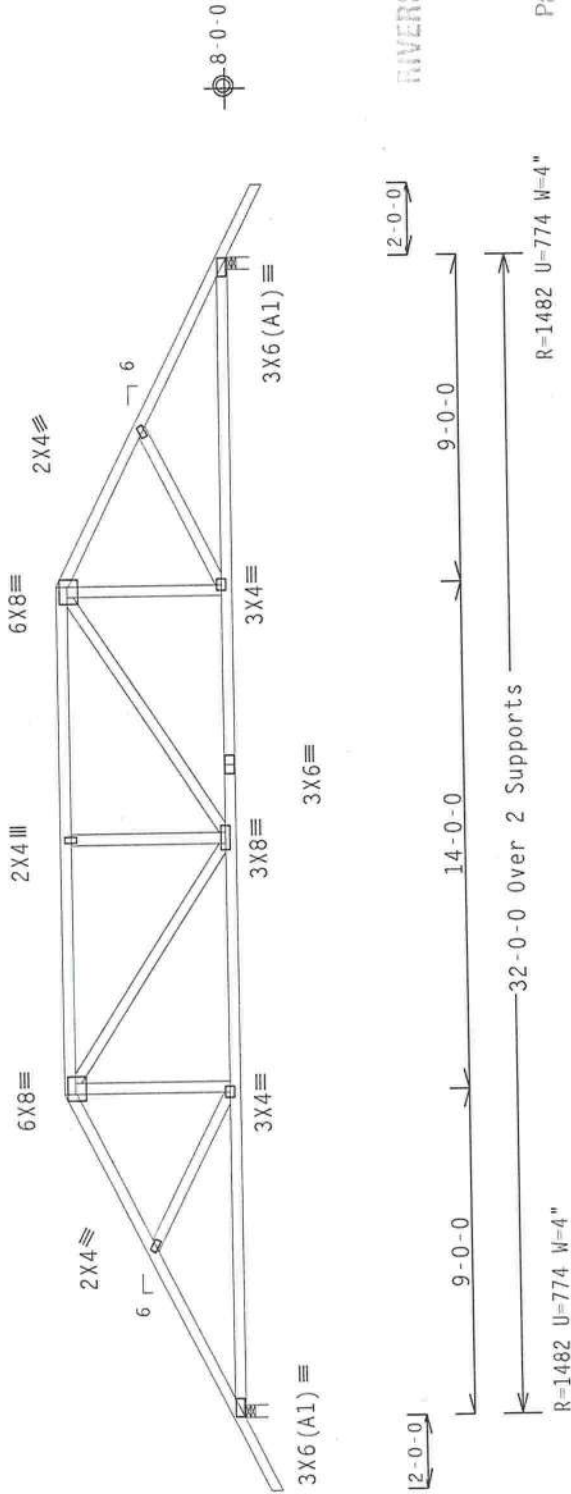
James P. Collins, P.E.
Professional Engineer
State of Florida
No. 52112

(12636--IMAGE - SIERRA -- LOT 36 High Springs, FL - A2)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

QTY: 1

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, PALM SPRING, CA 92262, AND MECA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR BEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CORRECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA/PA) AND TPI/STEL. APPLY CORRECTOR PLATES ARE MADE OF 20/18/16GA (H-H/S/83) ASTM A653 GRADE 40/60 (H, H/STEL. PER DRAWINGS 160A-Z. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS TRUSS, PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SOLEABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	5.0 PSF
BC LL	10.0 PSF
TOT. LD.	42.0 PSF
DUR. FAC.	1.25
SPACING	24.0"

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DATE	09/01/05	
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SEQN	113758	
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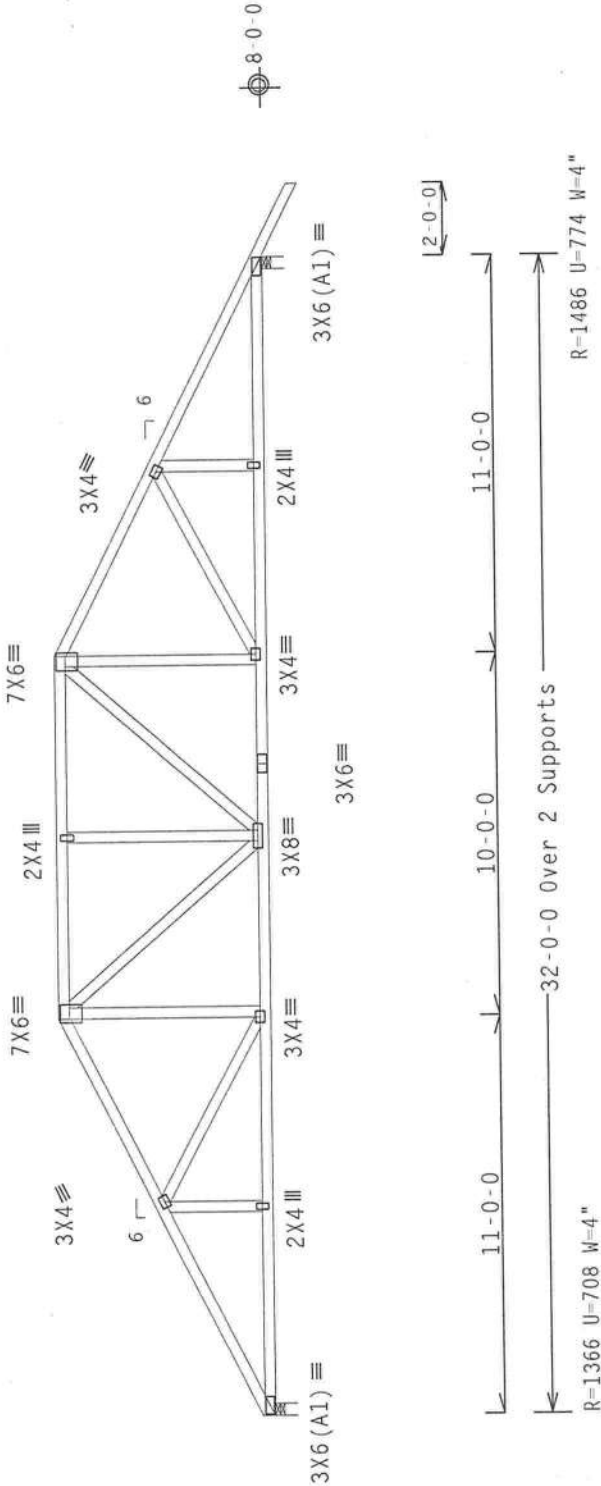
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines Ctr, FL 33844

(12636--:IMAGE - SIERRA -- LOT 36 High Springs, FL - A3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

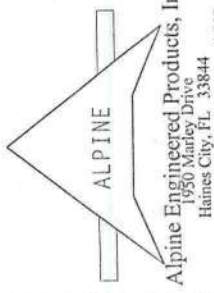
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

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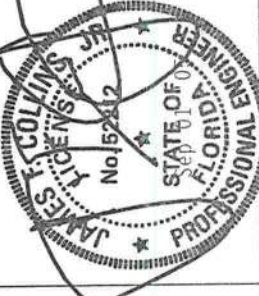
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Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCE TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONDRETO RD., SUITE 200, MADISON, WI 53719) AND NCA (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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD OR TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL BUILDING CODE, 2003) AND TPI. APPLY CONNECTOR PLATES ARE MADE OF 2010/160A (NATURAL) OR 2010/160B (NATURAL) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS ANY INSPECTION/TESTS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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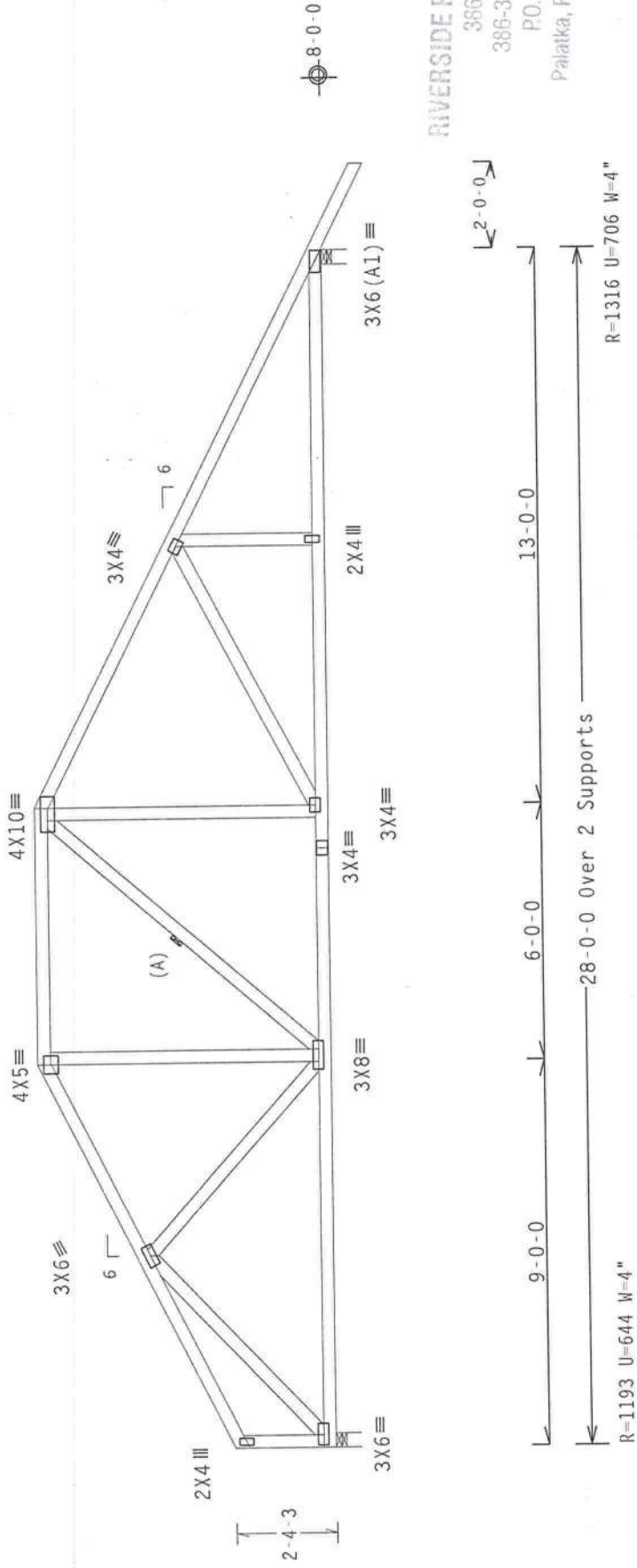
(12636--IMAGE - SIERRA -- LOT 36 High Springs, FL - A4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.
(A) Continuous lateral bracing equally spaced on member. Or 1x4
"T" brace, 80% length of web member. Same species & grade or
better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

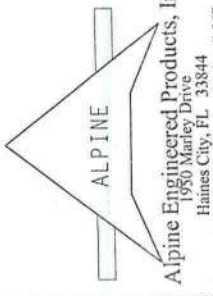
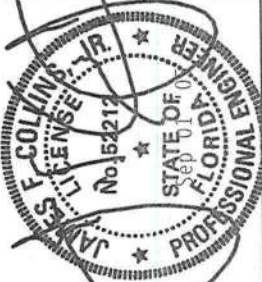
QTY: 1

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD TRUSSES IN ACCORDANCE WITH TPI'S DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING TRUSSES IN ACCORDANCE WITH TPI'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (TPI) 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TRUSSES IN ACCORDANCE WITH TPI'S DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING TRUSSES IN ACCORDANCE WITH TPI'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (TPI) 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. APPLY SEAL TO EACH FACE OF TOP CHORD. CORNERPLATE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY ASPECTS OF THIS DESIGN NOT FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SIGNATURE INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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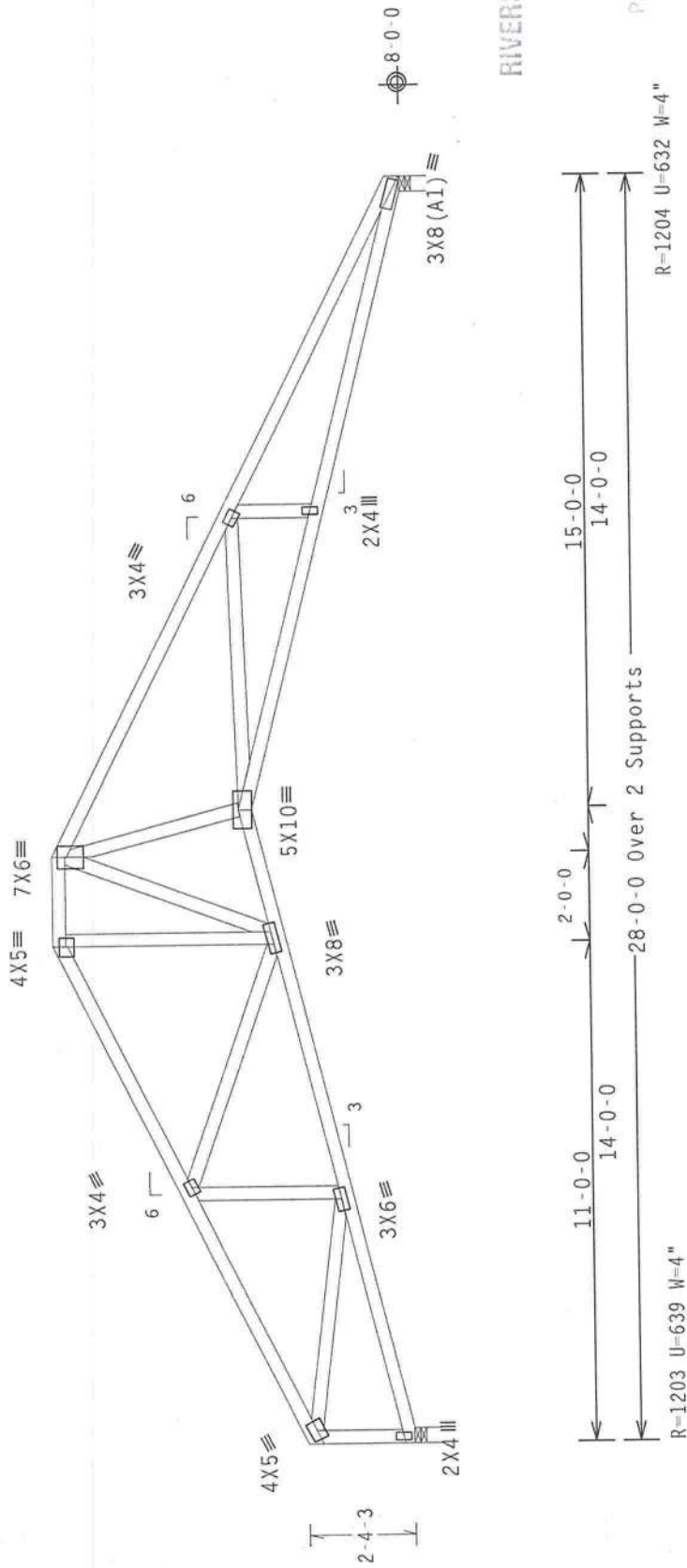
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Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

left end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Calculated horizontal deflection is 0.19" due to live load and 0.08" due to dead load.



RIVERSIDE ROOF TRUSS, INC.

386-325-7223

386-325-6443 Fax

P.O. Box 1739

Palatka, FL 32178-1739

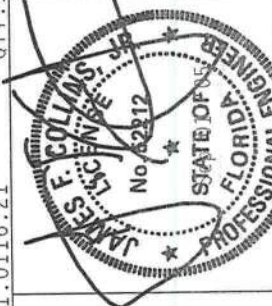
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

Scale = .25"/Ft.

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DRW	HCUSR917	05244004
HC-ENG	SL/DLJ	*
SEQN	-	113769
FROM	BF	
JREF	-	1S03917_Z08



*****WARNING**** IROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REGS. 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PULP INSTITUTE, 583 0'000PILO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TROSS 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.

[illegible]

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

(12636--IMAGE - SIERRA -- LOT 36 High Springs, FL - A6)

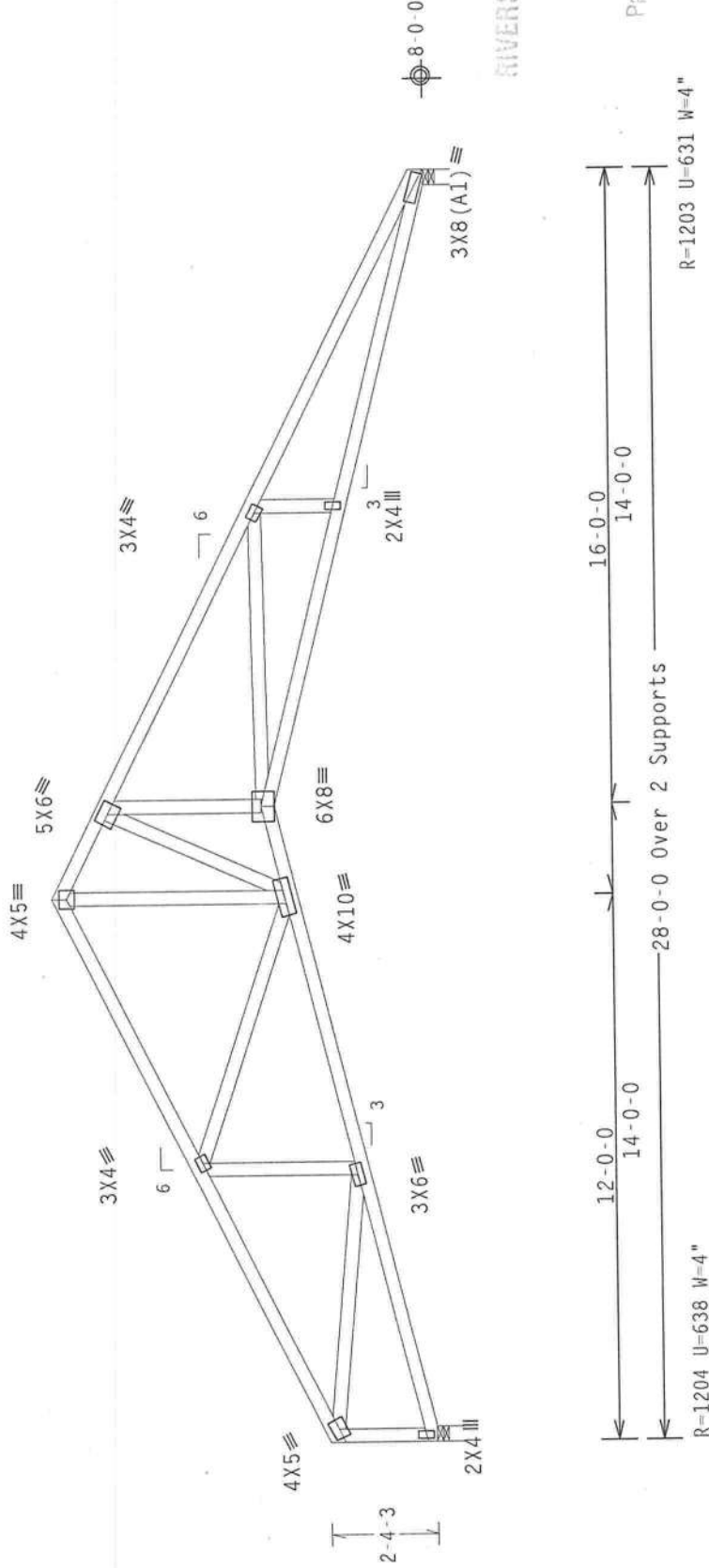
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean ht, ASCE 7-98, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Calculated horizontal deflection is 0.20" due to live load and
0.09" due to dead load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

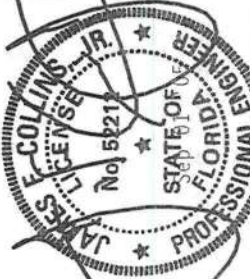
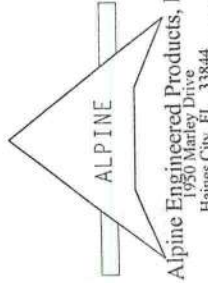
7.11.0116.21

QTY: 1

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS MUST BE INSTALLED IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S INSTRUCTIONS. ANY FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN COLLAPSE OF THE TRUSS. THE TRUSS MANUFACTURER IS NOT RESPONSIBLE FOR ANY FAILURE TO FOLLOW THESE INSTRUCTIONS. THE TRUSS MANUFACTURER IS NOT RESPONSIBLE FOR ANY FAILURE TO FOLLOW THESE INSTRUCTIONS. THE TRUSS MANUFACTURER IS NOT RESPONSIBLE FOR ANY FAILURE TO FOLLOW THESE INSTRUCTIONS.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO FOLLOW THIS DESIGN MAY RESULT IN COLLAPSE OF THE TRUSS. THE TRUSS MANUFACTURER IS NOT RESPONSIBLE FOR ANY FAILURE TO FOLLOW THIS DESIGN. THE TRUSS MANUFACTURER IS NOT RESPONSIBLE FOR ANY FAILURE TO FOLLOW THIS DESIGN. THE TRUSS MANUFACTURER IS NOT RESPONSIBLE FOR ANY FAILURE TO FOLLOW THIS DESIGN.



REF	R917--	15466
DATE	09/01/05	
DRW	HCUSR917 05244005	
HC-ENG	SL/DLJ	*
SEQN	113754	
FROM	BF	
JREF	15Q3917_Z08	

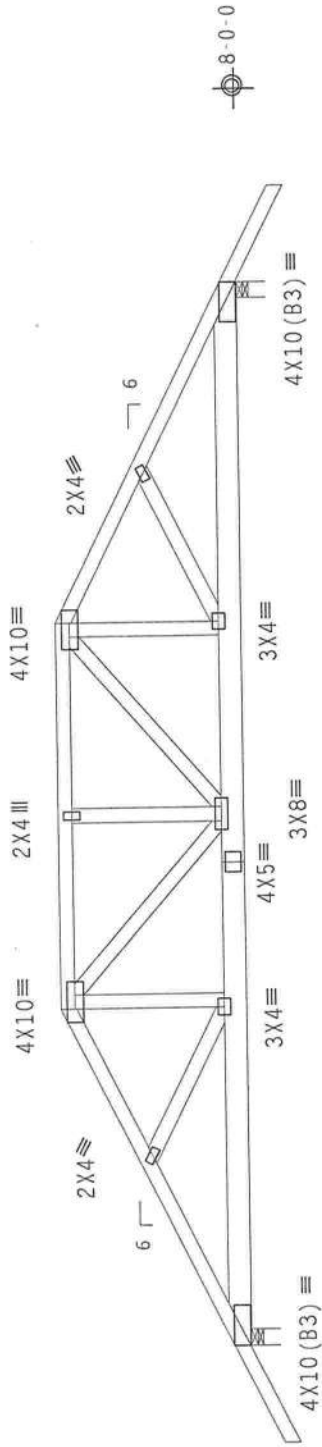
(12636-:IMAGE - SIERRA -- LOT 36 High Springs, FL - B1)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

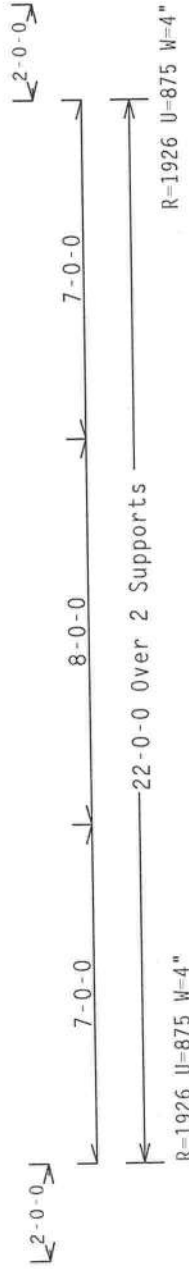
#1 hip supports 7'-0" jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739



PLT TYP. Wave

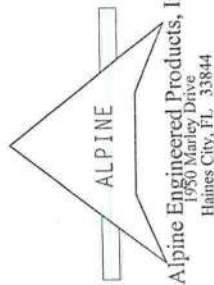
Design Crit: TPI-2002(SID)/FBC

7.11.0116.21

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS DESIGN AND CONSTRUCTION. ANY FAILURE TO FOLLOW THESE PRACTICES MAY BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR BUILDING. THIS TRUSS IS DESIGNED FOR A 110 MPH WIND SPEED. IT IS NOT TO BE USED IN AREAS WITH HIGHER WIND SPEEDS. THE TRUSS IS DESIGNED FOR A 15.00 FT MEAN HEIGHT. IT IS NOT TO BE USED IN AREAS WITH HIGHER MEAN HEIGHTS. THE TRUSS IS DESIGNED FOR A 110 MPH WIND SPEED. IT IS NOT TO BE USED IN AREAS WITH HIGHER WIND SPEEDS. THE TRUSS IS DESIGNED FOR A 15.00 FT MEAN HEIGHT. IT IS NOT TO BE USED IN AREAS WITH HIGHER MEAN HEIGHTS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO FOLLOW THESE PRACTICES MAY BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR BUILDING. THIS TRUSS IS DESIGNED FOR A 110 MPH WIND SPEED. IT IS NOT TO BE USED IN AREAS WITH HIGHER WIND SPEEDS. THE TRUSS IS DESIGNED FOR A 15.00 FT MEAN HEIGHT. IT IS NOT TO BE USED IN AREAS WITH HIGHER MEAN HEIGHTS. THE TRUSS IS DESIGNED FOR A 110 MPH WIND SPEED. IT IS NOT TO BE USED IN AREAS WITH HIGHER WIND SPEEDS. THE TRUSS IS DESIGNED FOR A 15.00 FT MEAN HEIGHT. IT IS NOT TO BE USED IN AREAS WITH HIGHER MEAN HEIGHTS.

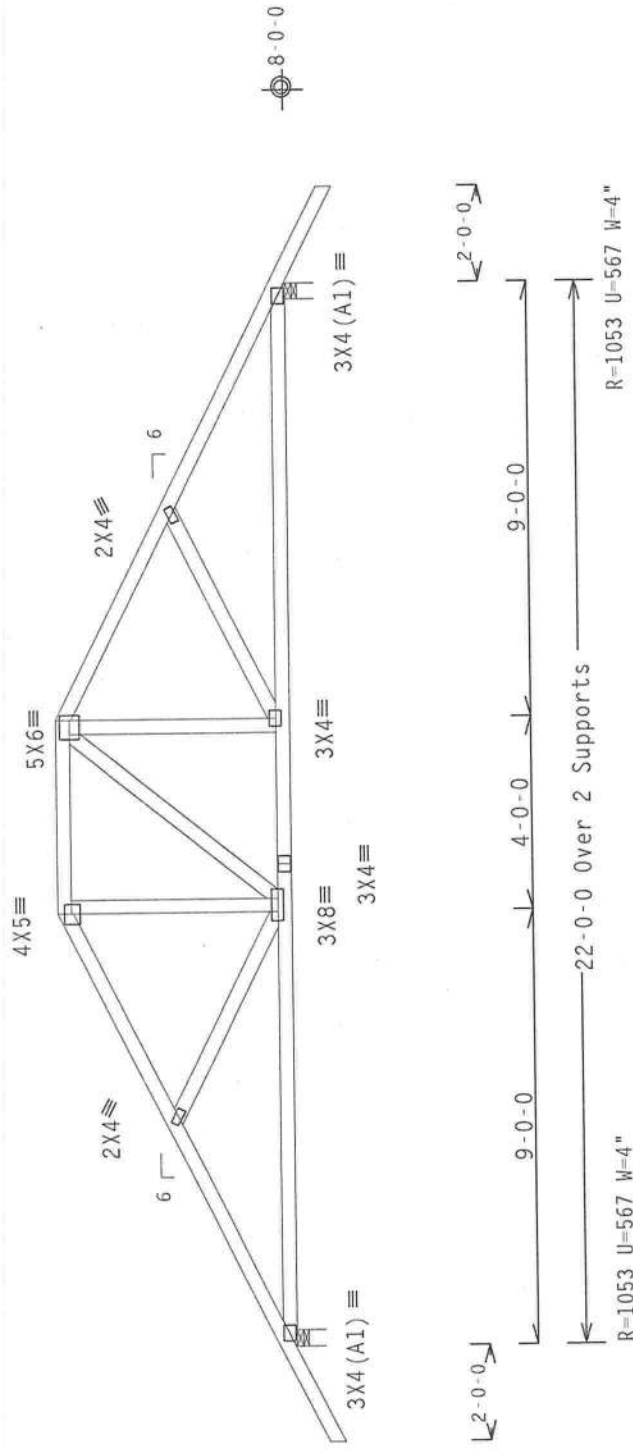


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		TC DL	7.0 PSF	DATE	09/01/05	
		BC DL	5.0 PSF	DRW	HCUR917 05244017	
		BC LL	10.0 PSF	HC-ENG	SL/DLJ	
		TOT.LD.	42.0 PSF	SEQN-	113696	
		DUR.FAC.	1.25	FROM	BF	
		SPACING	24.0"	JREF-	1S03917_Z08	

	Top	Bot	Dense
chord	2x4	SP	#2
chord	2x4	SP	#2
webs	2x4	SP	#3

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

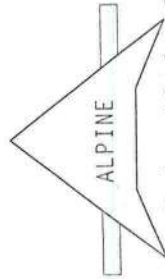
Scale = .25"/Ft.

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TC DL	7.0 PSF	DATE	09/01/05	
BC DL	5.0 PSF	DRW	HCUSR917	05244006
BC LL	10.0 PSF	HC-ENG	SL/DLJ	*
TOT.LD.	42.0 PSF	SEQN -	113731	
DUR.FAC.	1.25	FROM	BF	
SPACING	24.0"	JREF -	1S03917_Z08	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND HOISTING. REFER TO DES 1-103 (LOADING, UNLOADING, AND STORAGE INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 BEECHER DR., SUITE 301, CHICAGO, ILL. 60619, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), 500 N. MICHIGAN AVE., CHICAGO, ILL. 60610, FOR TRUSS SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD.

PRODUCTS INC. * * * * *
 IMPORTANT: * * * * *
 THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN;
 TRUSS IN CONFORMANCE WITH THE FOLLOWING: * * * * *
 DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (FORMER) SPECIFICATION, * * * * *
 CONNECTIONS TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS, T60A-2
 INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN AISC 13-11-2002 SEC. 3. * * * * *
 GRANTING THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN OF THIS CONSTRUCTION, THE RESPONSIBILITY OF THE
 DESIGN SHALL REMAIN WITH THE DESIGNER. * * * * *



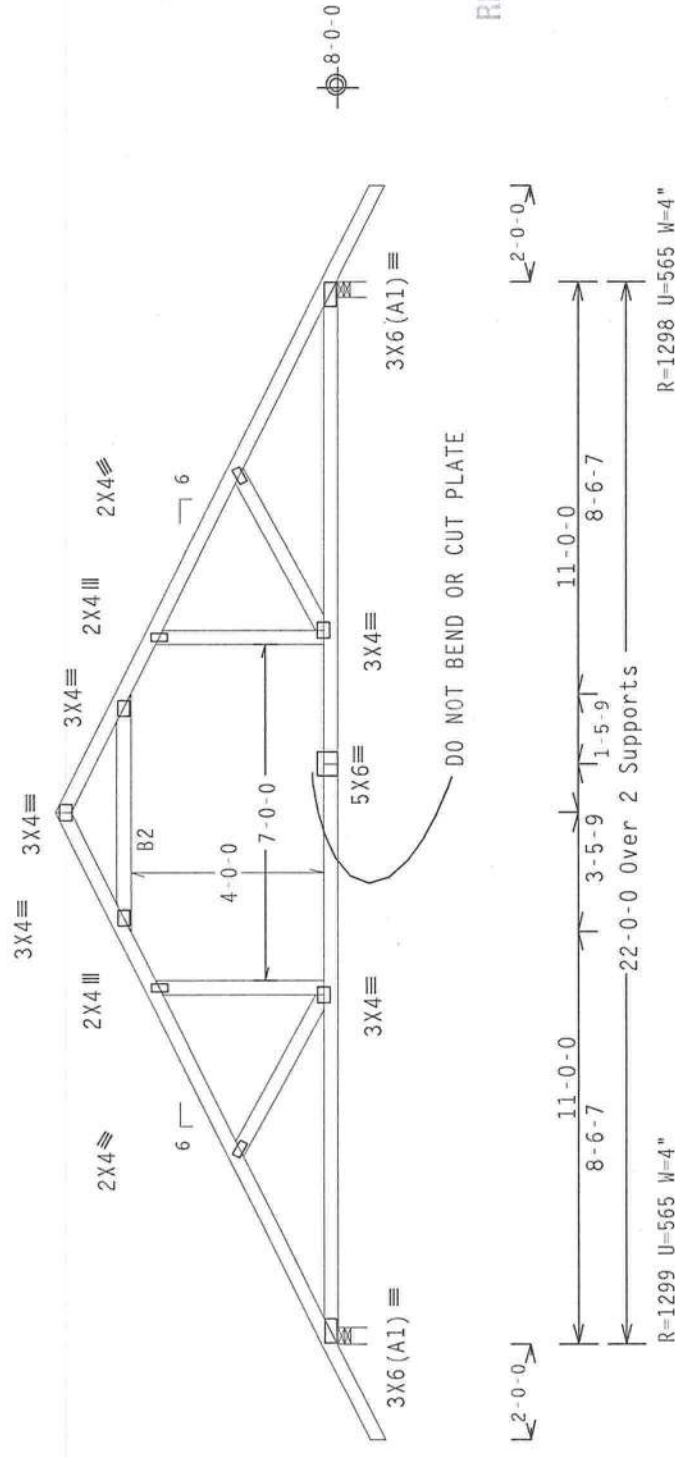
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf

BC attic room floor loading: LL = 30.00 psf; DL = 5.00 psf;
from 7-6-0 to 14-6-0.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.

386-325-7223

386-325-6443 Fax

P.O. Box 1739

Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

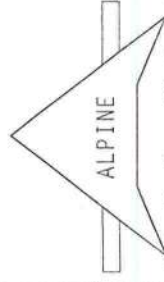
7.11.0116.21

QTY:1 FL/-/2/-/-/R/-

Scale = .25"/Ft.

***WARNING:** TRUSSES, INCLUDING EXISTING, ARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO 905-1.03 (BUILDING COMPONENT SAFETY IMPROVEMENT), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 5463 W. OBERLIN DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 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 FFIELD CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN ACCORDING WITH THE DETAIL SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER CORPONS WITH APPLICABLE PROVIDORS OF INFORMATION DESIGN SPEC. BY ACCEPTING AND TYPING THE CONNECTIONS TO EACH FACE OF TRUSS AND, (U.S. AISC 360-05) 40/60 (4) 40/50 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, (U.S. AISC 360-05) 40/60 (4) 40/50 GALV. STEEL. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 3.3 OF 1911-2002 SEC. 3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC 3.3 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

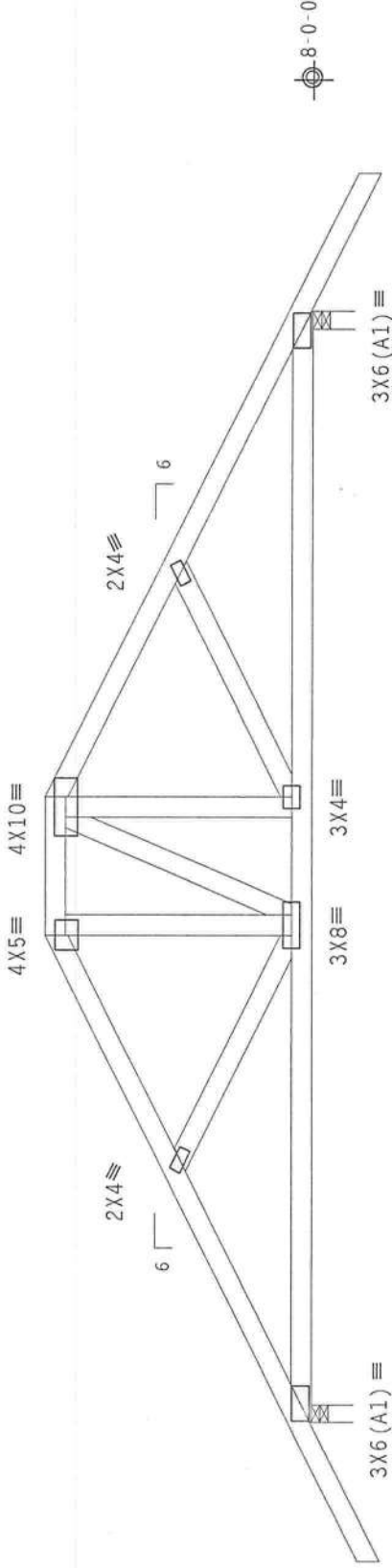
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TC DL	7.0 PSF	DATE	09/01/05
BC DL	5.0 PSF	DRW	HCUSR917 05244018
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113745
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1S03917_Z08

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

#1 hip supports 7-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

QTY:1

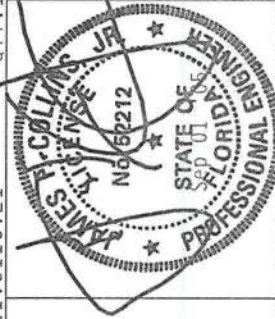
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WCA (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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THE TRUSS. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE TRUSS SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPECIFICATION FOR ALUMINUM TRUSSES (NDS) AND THE ALPINE CONNECTOR PLATES ARE MADE OF 2014-T6 ALUMINUM 40/60 (H, R/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN ALUMINUM ASSOCIATION (AA) T9002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Haines Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	5.0 PSF
BC LL	10.0 PSF
TOT. LD.	42.0 PSF
DUR. FAC.	1.25
SPACING	24.0"

REF	R917-- 15471
DATE	09/01/05
DRW	HCUSR917 05244019
HC-ENG	SL/DLJ
SEQN-	113699
FROM	BF
JREF-	1503917_Z08

FL Certificate of Authorization # 567
Haines City, FL 33844

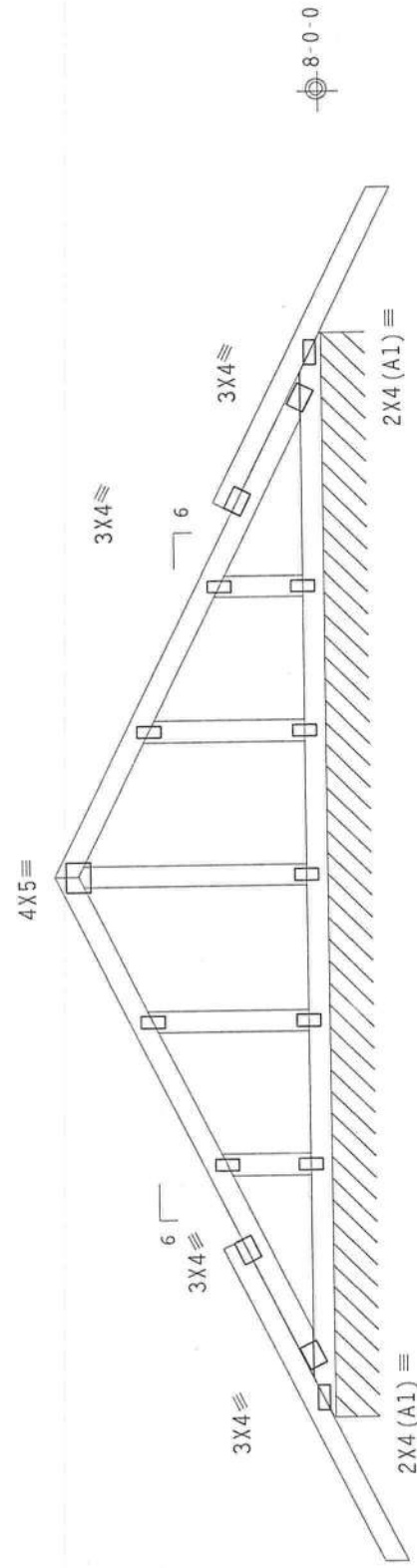
12626 IMAGE - STERRA -- LOT 36 High Springs, FL - D1)

	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

110 mph wind, 30.00 ft mean hgt., ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

CALL DRW HCU5R001 02086015 for cable details.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

R=100 PLF U=54 PLF W=15-0-0

Note: All plates are 2x4 except as shown.

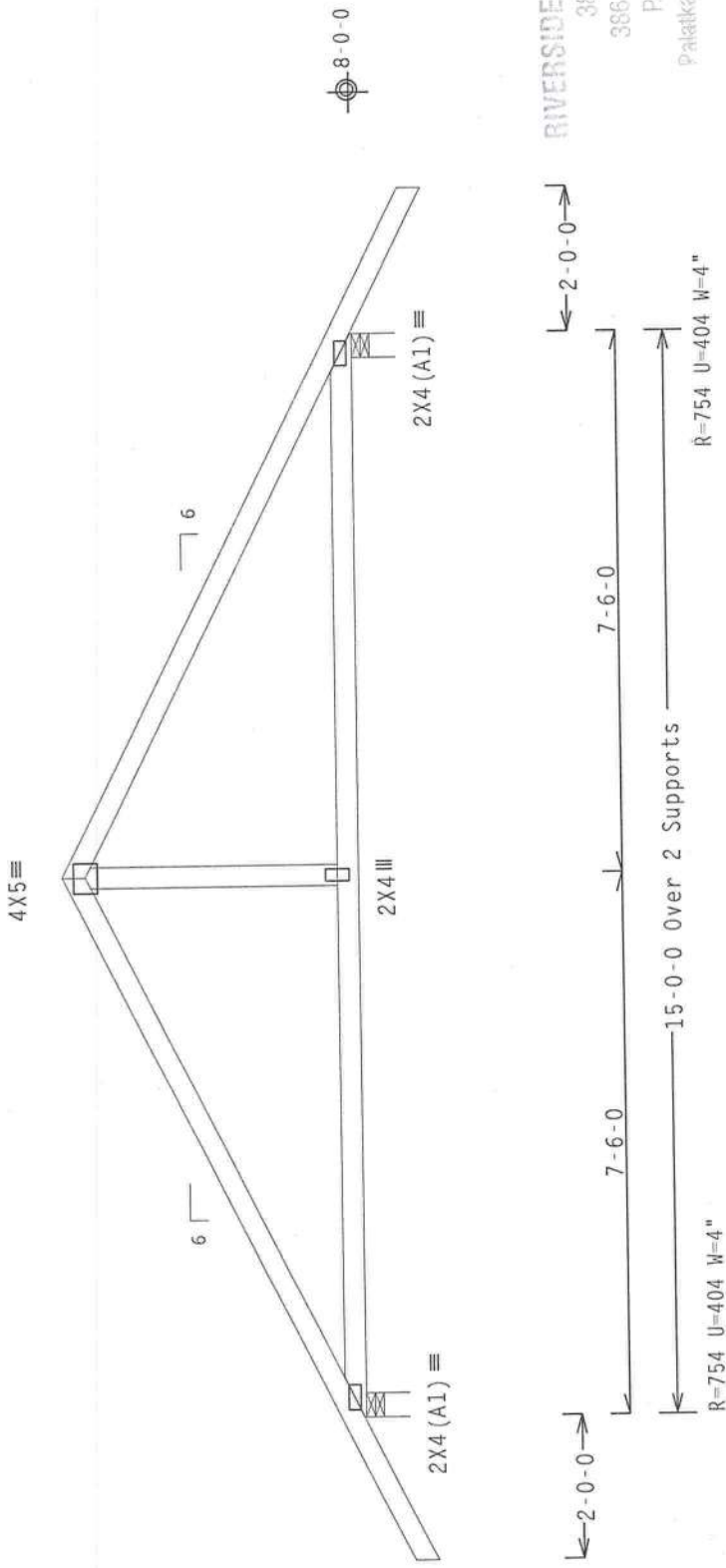
[illegible]

112636 - IMAGE - STERRA -- LOT 36 High Springs, FL - D2)

Top	chord	2x4	SP #2	Dense
Bot	chord	2x4	SP #2	Dense
	webs	2x4	SP #3	

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.



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386-325-7223
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Palatka, FL 32178-1739

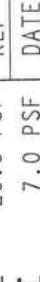
PI T TYP. Wave

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$

7.11.0116.21

Scale = .375"/Ft.

PLT TYP. Wave



ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Design: CHL: TPI 2002-10-07-10-08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION: 1. TRUSS PLATE INSTITUTE, 503 0' WOODLOR DR., SUITE 200, MADISON, MI 48719; AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 48719) 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN CONFORMANCE WITH TPI; DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL STEEL CONSTRUCTION INSTITUTE), AISC 360-10, AISC 360-16, AISC 360-22, AISC 360-23, AISC 360-24, AISC 360-25, AISC 360-26, AISC 360-27, AISC 360-28, AISC 360-29, AISC 360-30, AISC 360-31, AISC 360-32, AISC 360-33, AISC 360-34, AISC 360-35, AISC 360-36, AISC 360-37, AISC 360-38, AISC 360-39, AISC 360-40, AISC 360-41, AISC 360-42, AISC 360-43, AISC 360-44, AISC 360-45, AISC 360-46, AISC 360-47, AISC 360-48, AISC 360-49, AISC 360-50, AISC 360-51, AISC 360-52, AISC 360-53, AISC 360-54, AISC 360-55, AISC 360-56, AISC 360-57, AISC 360-58, AISC 360-59, AISC 360-60, AISC 360-61, AISC 360-62, AISC 360-63, AISC 360-64, AISC 360-65, AISC 360-66, AISC 360-67, AISC 360-68, AISC 360-69, AISC 360-70, AISC 360-71, AISC 360-72, AISC 360-73, AISC 360-74, AISC 360-75, AISC 360-76, AISC 360-77, AISC 360-78, AISC 360-79, AISC 360-80, AISC 360-81, AISC 360-82, AISC 360-83, AISC 360-84, AISC 360-85, AISC 360-86, AISC 360-87, AISC 360-88, AISC 360-89, AISC 360-90, AISC 360-91, AISC 360-92, AISC 360-93, AISC 360-94, AISC 360-95, AISC 360-96, AISC 360-97, AISC 360-98, AISC 360-99, AISC 360-100, AISC 360-101, AISC 360-102, AISC 360-103, AISC 360-104, AISC 360-105, AISC 360-106, AISC 360-107, AISC 360-108, AISC 360-109, AISC 360-110, AISC 360-111, AISC 360-112, AISC 360-113, AISC 360-114, AISC 360-115, AISC 360-116, AISC 360-117, AISC 360-118, AISC 360-119, AISC 360-120, AISC 360-121, AISC 360-122, AISC 360-123, AISC 360-124, AISC 360-125, AISC 360-126, AISC 360-127, AISC 360-128, AISC 360-129, AISC 360-130, AISC 360-131, AISC 360-132, AISC 360-133, AISC 360-134, AISC 360-135, AISC 360-136, AISC 360-137, AISC 360-138, AISC 360-139, AISC 360-140, AISC 360-141, AISC 360-142, AISC 360-143, AISC 360-144, AISC 360-145, AISC 360-146, AISC 360-147, AISC 360-148, AISC 360-149, AISC 360-150, AISC 360-151, AISC 360-152, AISC 360-153, AISC 360-154, AISC 360-155, AISC 360-156, AISC 360-157, AISC 360-158, AISC 360-159, AISC 360-160, AISC 360-161, AISC 360-162, AISC 360-163, AISC 360-164, AISC 360-165, AISC 360-166, AISC 360-167, AISC 360-168, AISC 360-169, AISC 360-170, AISC 360-171, AISC 360-172, AISC 360-173, AISC 360-174, AISC 360-175, AISC 360-176, AISC 360-177, AISC 360-178, AISC 360-179, AISC 360-180, AISC 360-181, AISC 360-182, AISC 360-183, AISC 360-184, AISC 360-185, AISC 360-186, AISC 360-187, AISC 360-188, AISC 360-189, AISC 360-190, AISC 360-191, AISC 360-192, AISC 360-193, AISC 360-194, AISC 360-195, AISC 360-196, AISC 360-197, AISC 360-198, AISC 360-199, AISC 360-200, AISC 360-201, AISC 360-202, AISC 360-203, AISC 360-204, AISC 360-205, AISC 360-206, AISC 360-207, AISC 360-208, AISC 360-209, AISC 360-210, AISC 360-211, AISC 360-212, AISC 360-213, AISC 360-214, AISC 360-215, AISC 360-216, AISC 360-217, AISC 360-218, AISC 360-219, AISC 360-220, AISC 360-221, AISC 360-222, AISC 360-223, AISC 360-224, AISC 360-225, AISC 360-226, AISC 360-227, AISC 360-228, AISC 360-229, AISC 360-230, AISC 360-231, AISC 360-232, AISC 360-233, AISC 360-234, AISC 360-235, AISC 360-236, AISC 360-237, AISC 360-238, AISC 360-239, AISC 360-240, AISC 360-241, AISC 360-242, AISC 360-243, AISC 360-244, AISC 360-245, AISC 360-246, AISC 360-247, AISC 360-248, AISC 360-249, AISC 360-250, AISC 360-251, AISC 360-252, AISC 360-253, AISC 360-254, AISC 360-255, AISC 360-256, AISC 360-257, AISC 360-258, AISC 360-259, AISC 360-260, AISC 360-261, AISC 360-262, AISC 360-263, AISC 360-264, AISC 360-265, AISC 360-266, AISC 360-267, AISC 360-268, AISC 360-269, AISC 360-270, AISC 360-271, AISC 360-272, AISC 360-273, AISC 360-274, AISC 360-275, AISC 360-276, AISC 360-277, AISC 360-278, AISC 360-279, AISC 360-280, AISC 360-281, AISC 360-282, AISC 360-283, AISC 360-284, AISC 360-285, AISC 360-286, AISC 360-287, AISC 360-288, AISC 360-289, AISC 360-290, AISC 360-291, AISC 360-292, AISC 360-293, AISC 360-294, AISC 360-295, AISC 360-296, AISC 360-297, AISC 360-298, AISC 360-299, AISC 360-300, AISC 360-301, AISC 360-302, AISC 360-303, AISC 360-304, AISC 360-305, AISC 360-306, AISC 360-307, AISC 360-308, AISC 360-309, AISC 360-310, AISC 360-311, AISC 360-312, AISC 360-313, AISC 360-314, AISC 360-315, AISC 360-316, AISC 360-317, AISC 360-318, AISC 360-319, AISC 360-320, AISC 360-321, AISC 360-322, AISC 360-323, AISC 360-324, AISC 360-325, AISC 360-326, AISC 360-327, AISC 360-328, AISC 360-329, AISC 360-330, AISC 360-331, AISC 360-332, AISC 360-333, AISC 360-334, AISC 360-335, AISC 360-336, AISC 360-337, AISC 360-338, AISC 360-339, AISC 360-340, AISC 360-341, AISC 360-342, AISC 360-343, AISC 360-344, AISC 360-345, AISC 360-346, AISC 360-347, AISC 360-348, AISC 360-349, AISC 360-350, AISC 360-351, AISC 360-352, AISC 360-353

(12636 - : IMAGE - SIERRA - - LOT 36 High Springs, FL - D3)

110 mph wind, 30.00 ft mean hgt., ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.

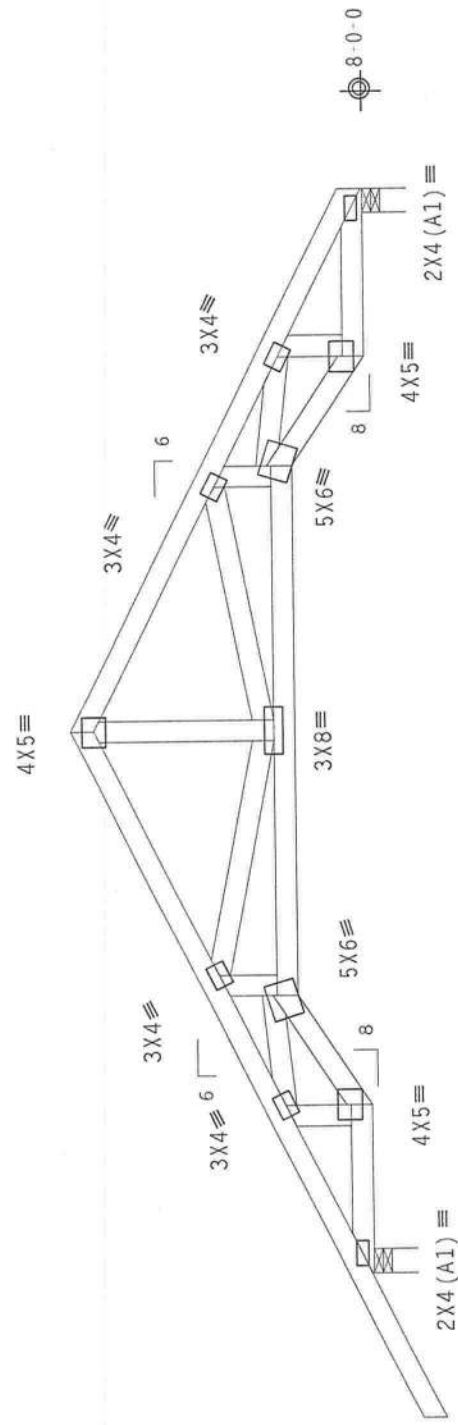

$$\begin{array}{c} \downarrow \quad \uparrow \\ 2-0-0 \end{array}$$

Diagram of a continuous beam with three spans. The spans are labeled 2-4-0, 7-6-0, and 2-4-0. The beam is supported by two supports, with a total length of 15-0-0. The diagram shows the beam with vertical supports at the ends of the middle span and at the ends of the entire beam. The spans are labeled with their lengths in feet and inches. The total length is labeled as 15-0-0 Over 2 Supports.

R=765 U=407 W=4"

R=637 U=331 W=4"

RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Orlando, FL 32178-1739

Scale = .375"/Ft.

Design Crit: TPI-2002(STD)/FBC

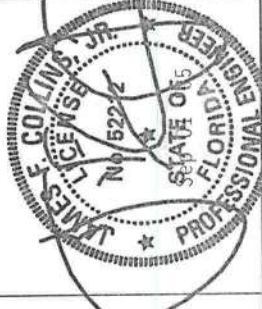
7.11.0116.21

QTY:1 FL/-/2/-/-/R/-/-

TC LL	20.0 PSF	REF	R917--	15475
TC DL	7.0 PSF	DATE	09/01/05	
BC DL	5.0 PSF	DRW	HCUSR917	05244011
BC LL	10.0 PSF	HC-ENG	SL/DLJ	
TOT.LD.	42.0 PSF	SEQN-	113780	
DUR.FAC.	1.25	FROM	BF	
SPACING	24.0"	JREF-	1SQ3917_Z08	

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN TO THE SPECIFICATIONS OF THIS DESIGN, INCLUDING FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFLICTS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC, BY AISC/AIA AND TPI, ALUMINUM CONNECTOR PLATES ARE MADE OF 20/18/1666 (W/STRESS) ASTM A563 GRADE 40/60 (H, K/J15) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAMINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUEPLY FOR THE DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 C.C. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

#1 hip supports 5-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.



QTY: 1 FL / - / 2 / - / - / R / -

Scale = .375"/Ft.

TC LL	20.0 PSF
-------	----------

REF R917-- 15476

70 PSE

DATE 09/01/05

[illegible]

HC - ENC SI / DI 1

10.0 P3F

35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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42.0 PSF

SEQN-	18159	RE
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DUR. FAC. 1.25

FROM BF

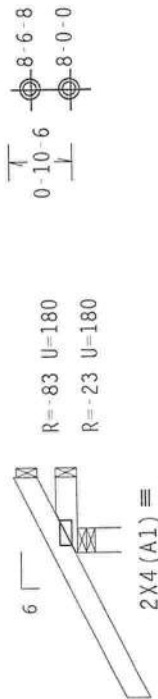
SPACING 24.0"

JREF- 1SQ3917_Z08

112636 - IMAGE - SIERRA - LOT 36 High Springs, FL - J1)

1110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.



$\hookleftarrow 2-0-0 \rightarrow$
 $\hookleftarrow 1-0-7 \over 3 \text{ Supports} \rightarrow$

R=306 U=180 W=4"

RIVERSIDE ROOF TRUSS, INC.

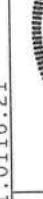
386-325-7223

386-325-6443 Fax

P.O. Box 1739

Palatka, FL 32178-1739

PLT TYP. Wave



ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

QTY: 1

FL/-/2/-/R/-

Scale = .375" / Ft.

REF R917 -- 15477

DATE 09/01/05

DRW HCUSR917 05244021

HC-ENG SL/DLJ

SEQN - 113727

FROM BF

JREF - 1SQ3917_Z08

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	5.0 PSF
BC LL	10.0 PSF
TOT.LD.	42.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), TRUSSES ISSUED BY TPI (TRUSS PLANT INSTITUTE, 583 O'ROURIO DR., SUITE 200, MADISON, WI 53719) AND THE TRUSS COUNCIL OF AMERICA, 6340 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI TRUSSES, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR CONNECTIONS WITH TPI TRUSSES OF NON-NATIONAL DESIGN SPEC. BY AEP/AI AND TPI. ALPINE DESIGN CONTRACTORS WITH APPLICATIONS OF NON-NATIONAL DESIGN SPEC. BY AEP/AI AND TPI. APPLY PLATES TO EACH JOINT OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-Z. PLATES TO EACH JOINT OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-Z. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

NO. 52212

STATE OF FLORIDA

JAMES E. COLLINS, JR.

PROFESSIONAL ENGINEER

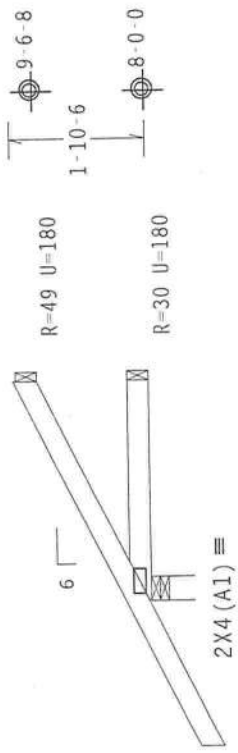
THIS DWG PREPARED FROM AUTOCAD LAYOUT 10/10/01 10:00:00 AM

(12636:IMAGE - SIERRA -- LOT 36 High Springs, FL - J2)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load.

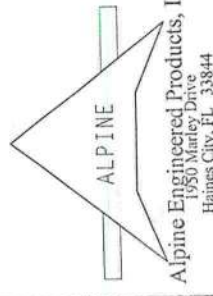
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.



3-0-7 Over 3 Supports
R=292 U=180 W=4"

RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave



Design Crit: TPI-2002(STD)/FBC

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING CONSTRUCTION SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDAS RD., SUITE 100, PALATKA, FL 32177) OR TPI (TRUSS PLATE INSTITUTE, 583 DUNDAS RD., SUITE 100, PALATKA, FL 32177) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AISC 360) AND AISC (AISC 360) ONLY. APPLY CONNECTOR PLATES MADE OF 2010/1000 (AISC 360) AND AISC (AISC 360) ONLY. POSITION PER DRAWINGS 100A-2. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

7.11.0116.21

QTY:1 FL/-12/-1-/R/- Scale = .375"/Ft.

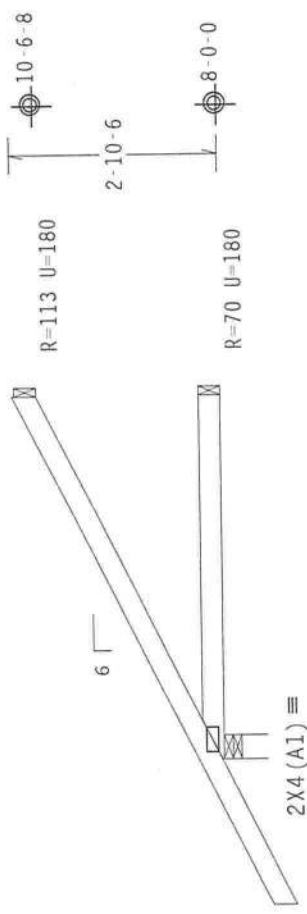
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DATE	09/01/05	
DRW	HCUR917 05244012	
HC-ENG	SL/DLJ	*
SEQN	113724	
FROM	BF	
JREF	1S03917_Z08	

(12636-:IMAGE - SIERRA -- LOT 36 High Springs, FL - J3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.



←-2-0-0→
←-5-0-7 Over 3 Supports →
R=360 U=180 W=4"

RIVERSIDE ROOF TRUSS, INC.
366-325-7223
366-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC	7.11.0116.21	QTY:1	FL/-12/-1-/R/-	Scale = .375"/Ft.
 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844					REF R917-- 15479
					DATE 09/01/05
					DRW HCUSR917 05244013
					HC-ENG SL/DLJ *
					SEQN- 113721
				DUR.FAC. 1.25	FROM BF
				SPACING 24.0"	JREF- 1S03917_Z08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TRUSS MANUFACTURER'S INSTRUCTIONS, OR TO THE 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TRUSS MANUFACTURER'S INSTRUCTIONS, OR TO THE 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.

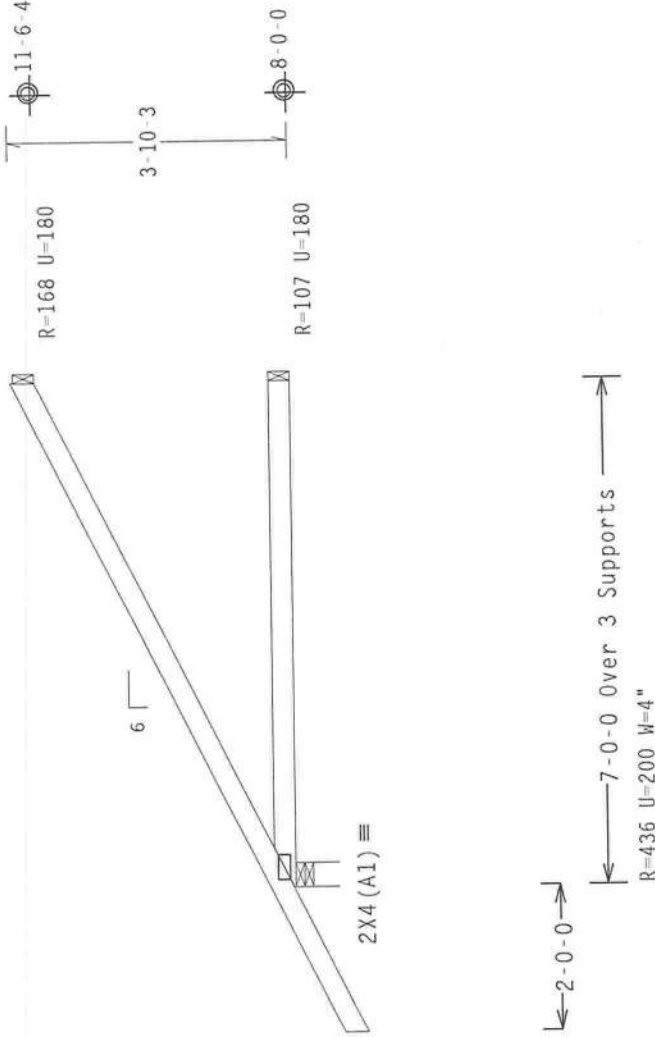
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TRUSS MANUFACTURER'S INSTRUCTIONS, OR TO THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

(12636--:IMAGE - SIERRA -- LOT 36 High Springs, FL - J4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg.
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

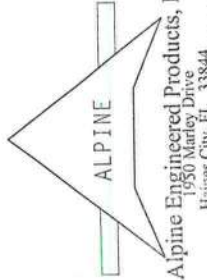
QTY: 1

FL/-/2/-/R/-

Scale = .375"/Ft.

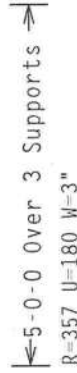
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD OR INSTALL TRUSSES IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDEE DR., SUITE 200, MADISON, WI 53719) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS, 500 N. MICHIGAN, SUITE 1000, ANN ARBOR, MI 48106) SHALL BE THE RESPONSIBILITY OF THE TRUSS FABRICATOR. THE FABRICATOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND INSURANCE COVERAGE. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD OR INSTALL TRUSSES IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDEE DR., SUITE 200, MADISON, WI 53719) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS, 500 N. MICHIGAN, SUITE 1000, ANN ARBOR, MI 48106) SHALL BE THE RESPONSIBILITY OF THE TRUSS FABRICATOR. THE FABRICATOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND INSURANCE COVERAGE. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

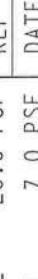


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DATE	09/01/05	
DRW	HCUSR917 05244014	
HC-ENG	SL/DLJ	*
SEQN	113718	
FROM	BF	
JREF	15Q3917_Z08	

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf, wind BC DL=3.0 psf.



Scale = .375"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 3800 D'ORFORD DR., SUITE 100, MADISON, WI 53719 AND MICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 FIVE MILE RD., SUITE 100, 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH AVAILABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. (DT-A1974) AND TPI TELL. AVAILABLE CONNECTOR PLATES ARE MADE OF 2010/1060A (W-H/5X) ASH 6053 GRADE 40/60 (H, K/L/S) GALT'S BRACKING 100A-2. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON OTHER SIDE OF TRUSS PER SEAL ON 100A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER WRAPING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUFFICIENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



REF	R917--	15481	TC LL	20.0	PSF
DATE	09/01/05		TC DL	7.0	PSF
DRW	HCUSR917	05244015	BC DL	5.0	PSF
	HC-ENG SL/DLJ	*	BC LL	10.0	PSF
	SEQN-	113789	TOT. LD.	42.0	PSF
	FROM	BF	DUR. FAC.	1.25	
	JREF-	1SQ3917_Z08	SPACING	24.0"	

Haines City, FL 33844
FL Certificate of Authorization # 567

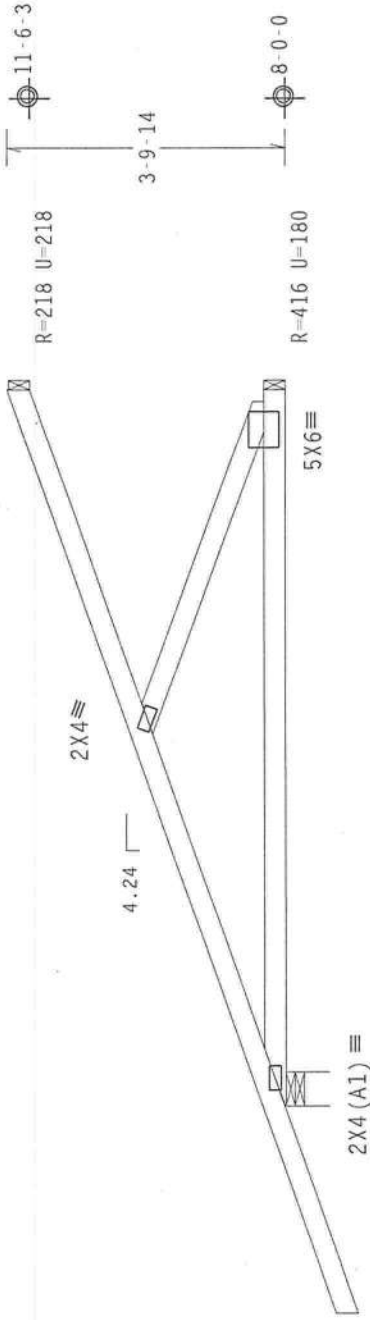
(12636-:IMAGE - SIERRA -- LOT 36 High Springs, FL - CJ1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Hipjack supports 7-0-0 setback jacks with no webs.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

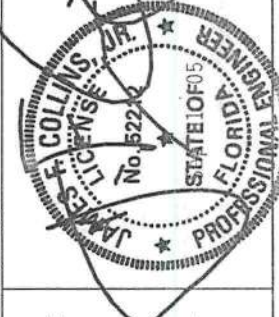
QTY: 1

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 D'ONDORF DR., SUITE 200, MADISON, WI 53719) AND AISC (WOOD TRUSS DESIGN SPEC. BY AISC) AND TPI TRUSS PLATE INSTITUTE (TPI TRUSS PLATE INSTITUTE 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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (WOOD TRUSS DESIGN SPEC. BY AISC) AND TPI TRUSS PLATE INSTITUTE (TPI TRUSS PLATE INSTITUTE 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.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



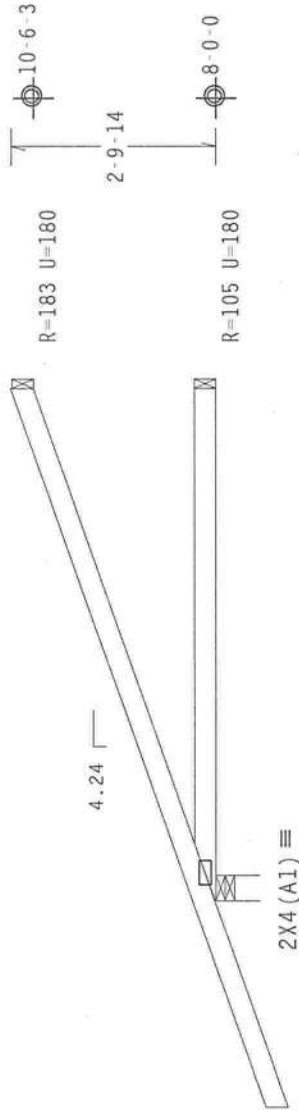
REF	R917--	15482
DATE	09/01/05	
DRW	HCUSR917	05244022
HC-ENG	SL/DLJ	
SEQN	113712	
FROM	BF	
JREF	15Q3917_Z08	

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 5-0-0 setback jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=4.0 psf,
wind BC DL=3.0 psf.

Deflection meets L/240 live and L/180 total load.



RIVERSIDE ROOF TRUSS, INC.
386-325-7223
386-325-6443 Fax
P.O. Box 1739
Palatka, FL 32178-1739

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

7.11.0116.21

QTY:1

FL/-/2/-/-/R/-

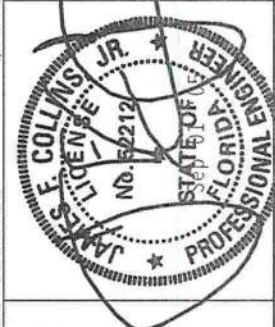
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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 593 D'UNION DR., SUITE 200, MADISON, WI 53719, AND WICA (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.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI11 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI11 PROVISIONS OF THIS (TRUSS) DESIGN SPEC. BY APPLICABLE TPI11 AND WICA. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER APPLICABLE TPI11-2002 SEC. 3. A SEAL ON THIS BEARING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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TC LL	20.0 PSF	REF R917--	15483
TG-DL	7.0 PSF	DATE	09/01/05
BC DL	5.0 PSF	DRW	HCUSR917 05244023
BC LL	10.0 PSF	HC-ENG	SL/DLJ
TOT.LD.	42.0 PSF	SEQN-	113715
DUR.FAC.	1.25	FROM	BF
SPACING	24.0"	JREF-	1S03917_Z08

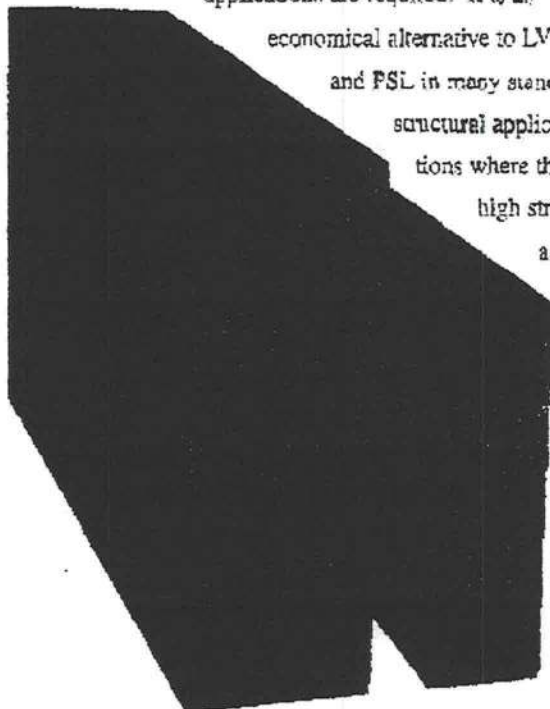
Anthony 24F Glulam Advantages

- ◆ Economical Beam & Header
- ◆ Architectural, Industrial & Framing Grades
- ◆ No nail laminating necessary
- ◆ Flexibility in design & installation
- ◆ Cambered or non-cambered

- ◆ Design stresses 2400Fb - 1.8E - 270Fv
- ◆ 3 1/8", 3 1/2", 5 1/8", 5 1/2", 6 3/4", and 8 3/4" width
- ◆ Lighter than steel, LVL, and PSL
- ◆ Renewable resource
- ◆ Individually wrapped

The Anthony 24F Glulam is a glued laminated beam and header used where reliable engineered wood applications are required. It is an

economical alternative to LVL and PSL in many standard structural applications where the high strength and



stiffness values are not really needed. Anthony's 24F Glulam is readily available through stocking dealers. The 3-1/2" and 5-1/2" widths are available which readily match 2x4 and 2x6 wall framing. The Anthony 24F Glulam uses only readily-available Southern pine lumber, recognized through extensive testing as the strongest lumber resource available.

To enhance Anthony 24F Glulam quality further, all outer laminations have strict quality control procedures. Each beam has a specific lumber lay-up combination which optimizes Glulam performance. The highest strength lumber is placed in the tension and compression zones, efficiently and optimally using lumber resources.

The Anthony 24F Glulam can be used for window, door and garage door headers, floor edge and center girder beams, roof ridge beams, and commercial beams and purlins.

Features

Dimensional Stability: Glulam is a laminated composite product of high-strength lumber. This randomizes any natural defects so there is greater beam strength and a higher degree of reliability. There is also less likelihood of warping, twisting, checking, cupping or shrinking.

Moisture Control: Anthony Glulam consistently averages 12% moisture, which is near equilibrium moisture content.

Building Code Evaluations: Adopted under all major material building codes.

Fire Performance: Glulam falls into the building code category of heavy timber, and therefore has excellent fire performance.

Quality Assurance: Glulam is manufactured in accordance with ANSI/AITC A193.1-1992 (Structural Glued Laminated Timber). Plant implemented Total Quality Management, statistical process control procedures and AITC as our quality assurance program ensure consistent quality and performance in every Glulam.

About Anthony Forest Products Company

Anthony Forest Products is a completely integrated forest products company incorporated in 1965, and began in 1916. The company owns approximately 75,000 acres of timberland in Arkansas, Louisiana, and Texas, and operates southern pine lumber producing mills in Urbana, Arkansas, and Atlanta, Texas; and wood chip mills in Plain Dealing, Louisiana, and Troup, Texas. The company also operates engineered wood laminating plants in El Dorado, Arkansas and Washington, Georgia. Anthony Forest and Domtar, Inc. of Montreal, Canada jointly own and operate an I-joist manufacturing plant in Sault Ste. Marie, Ontario.

Our History:

Headquartered in El Dorado, Arkansas, Anthony Forest has made some dramatic changes to position itself for the 21st Century. This vision could not have been accomplished without the four generations of forest products experience passed down through the family.

The company has applied its policy of environmental protection to its timberlands through adherence to Sustainable Forestry Initiative through the American Forest and Paper Association. Our land managers have received extensive training in the protection of threatened and endangered species, which may be encountered on the lands. We are committed to being a prudent steward of our lands through the next century.

Our two laminating plants make us the largest southern pine glued-laminated timber manufacturer in the USA. We have 35 years of solid experience in engineered wood products, which include the Power Beam[®], Power Header[®], Power Log[®], Power Column[™], Power Plank, 1.6 E Short Span Header and custom laminated products.

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3-1/8" & 5-1/8" Widths - Standard Depths

Glulam Conversions

Clear Span	Allowable PLF Load (LL/TL)	Beam Application	Anthony 24F Glulam	Multiple Lumber #1 SYP ¹	Multiple Lumber #1 DF-L ²	Timbers #1 DF-L ³
8'	600/900	Floor	3-1/8 x 9-5/8	3 ply - 2 x 12	3 ply - 2 x 12	6 x 12, 8 x 10
16'	450/650	Floor	5-1/8 x 12-3/8	6 ply - 2 x 12	8 ply - 2 x 12	8 x 14, 12 x 12
24'	110/170	Floor	3-1/8 x 13-3/4	4 ply - 2 x 12	5 ply - 2 x 12	6 x 14, 8 x 12
8'	2400/2400	Roof (1.15)	3-1/8 x 13-3/4	5 ply - 2 x 12	6 ply - 2 x 12	10 x 14, 12 x 12
16'	550/760	Roof (1.15)	5-1/8 x 12-3/8	6 ply - 2 x 12	8 ply - 2 x 12	8 x 14, 12 x 12
18'	480/640	Roof (1.15)	5-1/8 x 12-3/8	7 ply - 2 x 12	8 ply - 2 x 12	8 x 14, 12 x 12
Clear Span	Allowable PLF Load (LL/TL)	Beam Application	Anthony 30F Glulam (30F _b -2.1E-290F _v)	LVL ⁴	PSL ⁵	Steel ⁶ 36 ksi
8'	600/900	Floor	3-1/2 x 7-1/4	2 ply - 1-3/4 x 7-1/4	3-1/2 x 7-1/4	W6 x 9, W8 x 10
16'	450/650	Floor	5-1/2 x 11-1/4	3 ply - 1-3/4 x 11-7/8	5-1/4 x 11-7/8	W10 x 12, W8 x 15
24'	110/170	Floor	3-1/2 x 14	2 ply - 1-3/4 x 14	3-1/2 x 14	W10 x 12, W12 x 14
8'	2400/2400	Roof (1.15)	3-1/2 x 11-1/4	2 ply - 1-3/4 x 11-7/8	3-1/2 x 11-7/8	W10 x 12, W8 x 13
16'	550/760	Roof (1.15)	5-1/2 x 11-1/4	3 ply - 1-3/4 x 11-1/4	5-1/4 x 11-1/4	W10 x 15, W12 x 14
18'	480/640	Roof (1.15)	5-1/2 x 11-1/4	3 ply - 1-3/4 x 11-7/8	5-1/4 x 11-7/8	W10 x 15, W12 x 14

3-1/2" & 5-1/2" Widths - Standard Depths

Glulam Conversions

Clear Span	Allowable PLF Load (LL/TL)	Beam Application	Anthony 24F Glulam	Multiple Lumber #1 SYP ¹	Multiple Lumber #1 DF-L ²	Timbers #1 DF-L ³
8'	600/900	Floor	3-1/2 x 8-1/4	3 ply - 2 x 12	3 ply - 2 x 12	6 x 12, 8 x 10
16'	450/650	Floor	5-1/2 x 12-3/8	6 ply - 2 x 12	8 ply - 2 x 12	8 x 14, 12 x 12
24'	110/170	Floor	3-1/2 x 13-3/4	4 ply - 2 x 12	5 ply - 2 x 12	6 x 14, 8 x 12
8'	2400/2400	Roof (1.15)	3-1/2 x 13-3/4	5 ply - 2 x 12	6 ply - 2 x 12	10 x 14, 12 x 12
16'	550/760	Roof (1.15)	5-1/2 x 11	6 ply - 2 x 12	8 ply - 2 x 12	8 x 14, 12 x 12
18'	480/640	Roof (1.15)	5-1/2 x 12-3/8	7 ply - 2 x 12	8 ply - 2 x 12	8 x 14, 12 x 12
Clear Span	Allowable PLF Load (LL/TL)	Beam Application	Anthony 30F Glulam (30F _b -2.1E-290F _v)	LVL ⁴	PSL ⁵	Steel ⁶ 36 ksi
8'	600/900	Floor	3-1/2 x 7-1/4	2 ply - 1-3/4 x 7-1/4	3-1/2 x 7-1/4	W6 x 9, W8 x 10
16'	450/650	Floor	5-1/2 x 11-1/4	3 ply - 1-3/4 x 11-7/8	5-1/4 x 11-7/8	W10 x 12, W8 x 15
24'	110/170	Floor	3-1/2 x 14	2 ply - 1-3/4 x 14	3-1/2 x 14	W10 x 12, W12 x 14
8'	2400/2400	Roof (1.15)	3-1/2 x 11-1/4	2 ply - 1-3/4 x 11-7/8	3-1/2 x 11-7/8	W10 x 12, W8 x 13
16'	550/760	Roof (1.15)	5-1/2 x 11-1/4	3 ply - 1-3/4 x 11-1/4	5-1/4 x 11-1/4	W10 x 15, W12 x 14
18'	480/640	Roof (1.15)	5-1/2 x 11-1/4	3 ply - 1-3/4 x 11-7/8	5-1/4 x 11-7/8	W10 x 15, W12 x 14

Design values used for conversion tables follow:

¹ Southern Pine #1 from National Design Specifications Supplement Table 4B

² Douglas Fir Larch #1 from National Design Specifications Supplement Table 4A

³ Douglas Fir Larch #1 from National Design Specifications Supplement Table 4D

⁴ LVL Design Values: $F_b=2925$ psi, $F_v=285$ psi, $MOE=2,000,000$ psi

⁵ Parallel[®] Design Values: $F_b=2900$ psi, $F_v=290$ psi, $MOE=2,000,000$ psi Parallel[®] is a registered trademark of Trus Joist MacMillan, a Weyerhaeuser business

⁶ Steel Design Values are based on 36 ksi steel using the Seventh Edition of the Steel Construction Manual

24F Glulam Design Properties

Allowable Design Stresses (psi)

Flexural Stress Tension F_b^*	Flexural Stress Compression F_b	Tension Parallel to Grain F_t	Compression Perpendicular to Grain $F_{c\perp}$	Compression Parallel to Grain F_c	Horizontal Shear F_v	Modulus of Elasticity MOE
2400	1800	1150	740	1700	270	1,800,000

*For nominal 12" depths. For other depths:

$$C_v = K_L \left(\frac{21}{L} \right) \times \left(\frac{12}{d} \right) \times (5.125^b) \leq 1.0$$

L = length of member between points of zero moment, ft.

d = depth of bending member, inches.

b = width, inches for full width members.

 K_L = loading coefficient.

SINGLE SPAN BEAM:

Concentrated load at mid span

Uniformly distributed loads

Two equal concentrated loads at 1/3 points of span

CONTINUOUS BEAM OR CANTILEVER:

All loading conditions

KL

1.09

1.0

0.96

1.0

24F Glulam Section Properties (F 5.1, 270Fv)

3 1/8" Beam Width

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8
Weight	6.8	7.9	9.1	10.2	11.3	12.5	13.6	14.7
C _{th} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in ⁴)	146	232	347	494	677	901	1170	1487
Moment Capacity (lbs-ft)	7090	9650	12604	15952	19694	23830	28359	33283
Shear Capacity (lbs)	4641	5414	6188	6961	7734	8508	9281	10055

3 1/2" Beam Width

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8
Weight	7.5	8.9	10.2	11.4	12.7	14.0	15.3	16.5
C _{th} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in ⁴)	164	260	388	553	758	1009	1310	1666
Moment Capacity (lbs-ft)	7941	10808	1411	17866	22057	26689	31763	37277
Shear Capacity (lbs)	5198	6054	?	7796	8663	9529	10395	11261

5 1/8" Beam Width

Depth	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22
Weight	16.7	18.6	20.5	22.3	24.2	26.0	27.9	29.8
C _{th} factor (L=21')	0.998	0.993	0.988	0.984	0.980	0.977	0.973	0.970
I (in ⁴)	839	1110	1478	1919	2439	3047	3747	4548
Moment Capacity (lbs-ft)	26152	32298	39081	46509	54584	63304	72671	82683
Shear Capacity (lbs)	11416	12684	13953	15223	16490	17758	19027	20295
Shear Capacity (lbs)	15439	17155	18870	20586	22301	24017	25732	27448

5 1/2" Beam Width

Depth	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22
Weight	20.0	22.0	23.9	25.9	27.9	29.9	31.9	33.9
C _{th} factor (L=21')	0.995	0.990	0.985	0.981	0.977	0.973	0.970	0.967
I (in ⁴)	869	1191	1586	2059	2613	3269	4021	4880
Moment Capacity (lbs-ft)	28076	34661	41940	49913	58578	67936	77988	88733
Shear Capacity (lbs)	12251	13613	14974	16355	17696	19038	20419	21780
Shear Capacity (lbs)	21733	23708	25684	27608	29584	31560	33536	35511

6 3/4" Beam Width

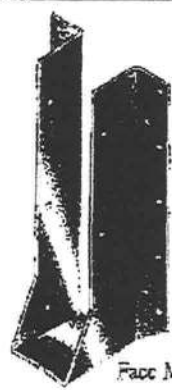
Depth	15 1/8	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
Weight	26.9	31.8	34.3	36.7	39.2	41.6	44.1	46.5	49.0	51.4
C _{th} factor (L=21')	0.975	0.967	0.963	0.960	0.957	0.954	0.951	0.949	0.946	0.944
I (in ⁴)	1946	3487	4858	6295	7773	9326	10948	12640	14401	16244
Moment Capacity (lbs-ft)	51472	71891	83377	95713	108900	122938	137827	153566	170156	187597
Shear Capacity (lbs)	18377	21718	23389	25059	26730	28401	30071	31742	33413	35083

8 3/4" Beam Width

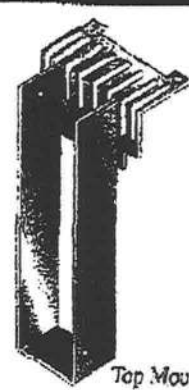
Depth	15 1/8	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
Weight	34.9	41.5	44.4	47.6	50.8	54.0	57.1	60.3	63.5	66.7
C _{th} factor (L=21')	0.962	0.954	0.951	0.948	0.945	0.942	0.939	0.936	0.934	0.932
I (in ⁴)	2523	4165	5201	6357	7764	9313	11055	13032	15164	17555
Moment Capacity (lbs-ft)	66723	93192	108081	124072	141167	159364	178664	199057	220573	243182
Shear Capacity (lbs)	23822	28153	30319	32484	34550	36816	38981	41147	43313	45478



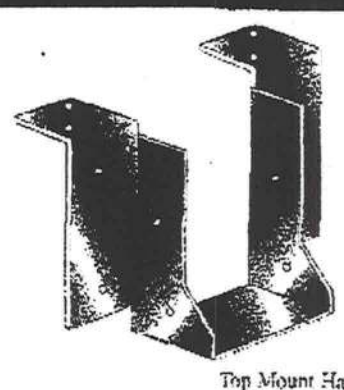
Typical Hangers



Face Mount Hanger

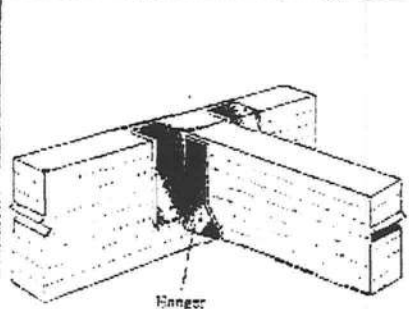


Top Mount Hanger



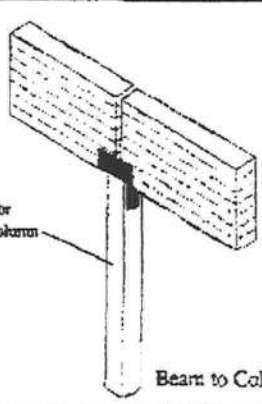
Top Mount Hanger

Typical Connections



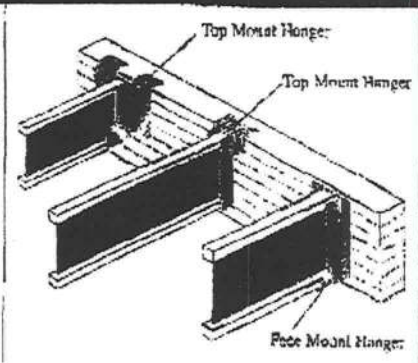
Hanger

Beam to Beam



Wood or steel column

Beam to Column

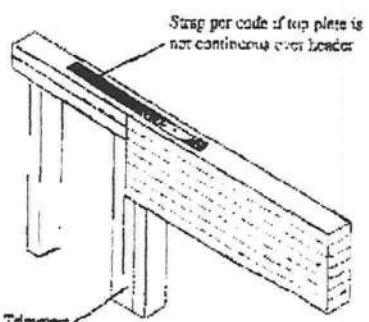


Top Mount Hanger

Top Mount Hanger

Face Mount Hanger

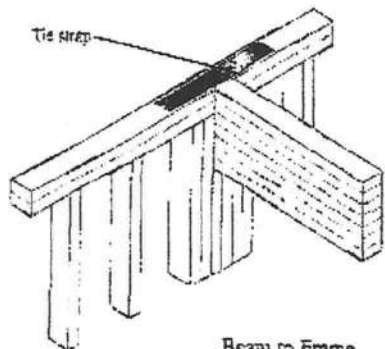
Floor Beam to Joist



Susp per code if top plate is not continuous over header

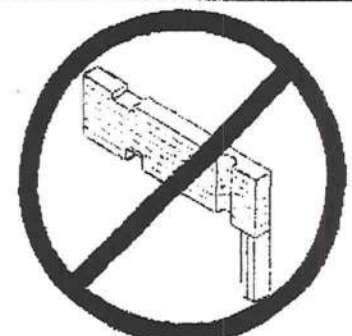
Thickness

Header to Frame



Tie strap

Beam to Frame



Do not cut or drill Anthony Glulams without tech note support



Duct System Summary
Entire House
Bounds Heating & Air

Job: 1532 sqft
Date: 08/18/05
By: RG

P.O. BOX 1617, Newberry, FL 32669 Phone: (352)472-2761 Fax: (352) 472-1809

Project Information

For: Image Development Group
Lot 36 Thornwood,

	Heating	Cooling
External static pressure	1.00 in H2O	1.00 in H2O
Pressure losses	0.30 in H2O	0.30 in H2O
Available static pressure	0.70 in H2O	0.70 in H2O
Supply / return available pressure	0.35 / 0.35 in H2O	0.35 / 0.35 in H2O
Lowest friction rate	0.100 in/100ft	0.100 in/100ft
Actual air flow	1133 cfm	1133 cfm
Total effective length (TEL)	0 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
Laundry	c 2344	119	130	0.100	7	16x 3	VIFx	0.0	0.0	
Kitchen	c 1960	62	108	0.100	7	16x 3	VIFx	0.0	0.0	
Dining	h 1608	68	43	0.100	6	16x 2	VIFx	0.0	0.0	
Master Bath	h 1568	66	31	0.100	6	16x 2	VIFx	0.0	0.0	
WIC	c 65	2	4	0.100	4	16x 0	VIFx	0.0	0.0	
Master Bedroom	h 5531	232	170	0.100	9	16x 5	VIFx	0.0	0.0	
Family Room	h 3330	140	118	0.100	8	16x 4	VIFx	0.0	0.0	
Bedroom 3-A	c 3669	125	203	0.100	9	16x 5	VIFx	0.0	0.0	
Bedroom 3	c 3669	125	203	0.100	9	16x 5	VIFx	0.0	0.0	
Bath 2	h 604	25	12	0.100	4	16x 1	VIFx	0.0	0.0	
Bedroom 2	h 4010	168	111	0.100	8	16x 4	VIFx	0.0	0.0	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x 0	1133	1133	0.0	0.050	392	22	16x 26		VIFx	

Bold/italic values have been manually overridden



wrightsoft

Right-Suite Residential 5.9.35 RSR25683

C:\Documents and Settings\Bryan Bounds\My Documents\Wrightsoft HVAC\Image Development Group\Lot 12 T

2005-Aug-18 15:20:07

Page 1



**Short Form
Entire House
Bounds Heating & Air**

Job: 1532 sqft
Date: 08/18/05
By: RG

P.O. BOX 1617, Newberry, FL 32669 Phone: (352)472-2761 Fax: (352) 472-1809

Project Information

For: Image Development Group
Lot 36 Thornwood,

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	94	Method	Tight
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	19	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	49		

HEATING EQUIPMENT

Make	Carrier
Trade	WeatherMate 38YCC
Model	38YCC03653,54/63,64
Efficiency	7 HSPF
Heating input	
Heating output	34000 Btuh @ 47°F
Temperature rise	27 °F
Actual air flow	1133 cfm
Air flow factor	0.042 cfm/Btuh
Static pressure	1.00 in H2O
Space thermostat	

COOLING EQUIPMENT

Make	Carrier
Trade	WeatherMate 38YCC
Cond	38YCC03653,54/63,64
Coil	FG3AAA036+TDR.90
Efficiency	10 EER
Sensible cooling	23800 Btuh
Latent cooling	10200 Btuh
Total cooling	34000 Btuh
Actual air flow	1133 cfm
Air flow factor	0.055 cfm/Btuh
Static pressure	1.00 in H2O
Load sensible heat ratio	0.86

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Laundry	104	2838	2344	119	130
Kitchen	156	1480	1960	62	108
Dining	143	1608	780	68	43
Master Bath	142	1568	561	66	31
WIC	32	41	65	2	4
Master Bedroom	256	5531	3077	232	170
Family Room	255	3330	2141	140	118
Bedroom 3	205	5969	7338	251	406
Bath 2	55	604	217	25	12
Bedroom 2	184	4010	2016	168	111

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

Entire House	d	1532	26979	20499	1133	1133
Other equip loads			2325	3233		
Equip. @ 0.99 RSM				23495		
Latent cooling				3780		
TOTALS		1532	29304	27275	1133	1133

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

Elk Corporation Florida Building Code Matrix

Tuscaloosa Line 1:	MD NOA#	Expiration	FBC App #
Raised Profile / Prestique	01-1226.04	7/12/2006	FL728
High Definition	03-0306.14	10/2/2008	
Prestique I	01-1226.03	7/12/2006	
Prestique Plus / Gallery	01-0523.01	7/12/2006	
Capstone	01-0411.10	8/9/2006	
Starter Strip	02-0919.07	10/17/2007	
Seal - A - Ridge			

Ennis	MD NOA#	Expiration	FBC App #
Raised Profile / Prestique	03-1027.03	3/13/2008	Submittal pending approval
High Definition			
Prestique I			
Prestique Plus / Gallery			
Prestique Grande	03-0611.03	11/13/2008	FL586
Versashield Type I	01-0905.03	2/7/2007	Not Applied For
Versashield Type II	02-0327.03	2/7/2007	Not Applied For

Myerstown	MD NOA#	Expiration	FBC App #
Raised Profile / Prestique	03-1027.03	3/13/2008	Submittal pending approval
High Definition			
Prestique I			
Prestique Plus / Gallery			



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PRODUCT APPROVAL

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User: Andrew Davis - Not Associated with Organization -

Product Manufacturer:	Capitol
Category:	Windows
Subcategory:	
Application Seq #:	
	(### or ###.##)
Application Status:	(ALL)
Evaluation Method:	(ALL)

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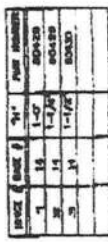
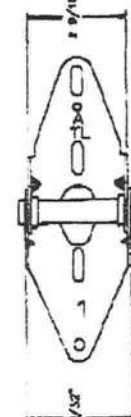
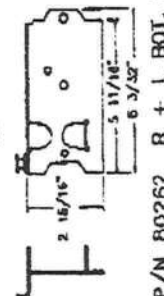
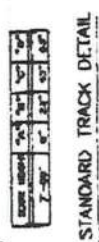
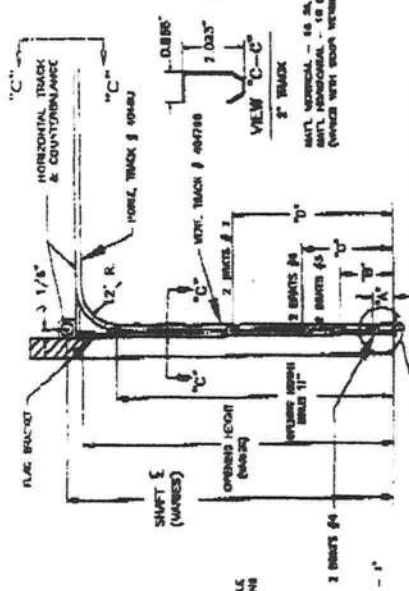
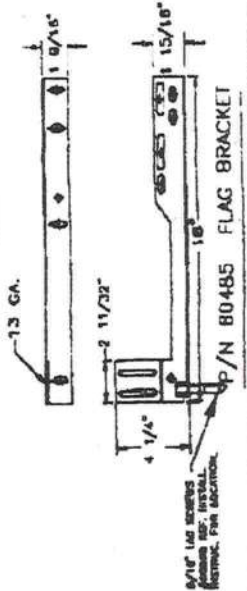
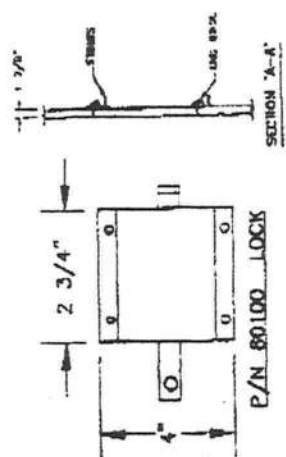
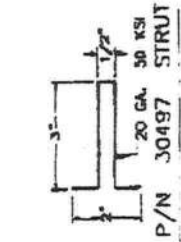
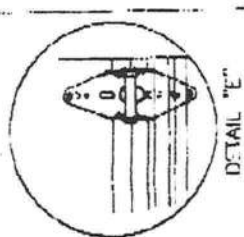
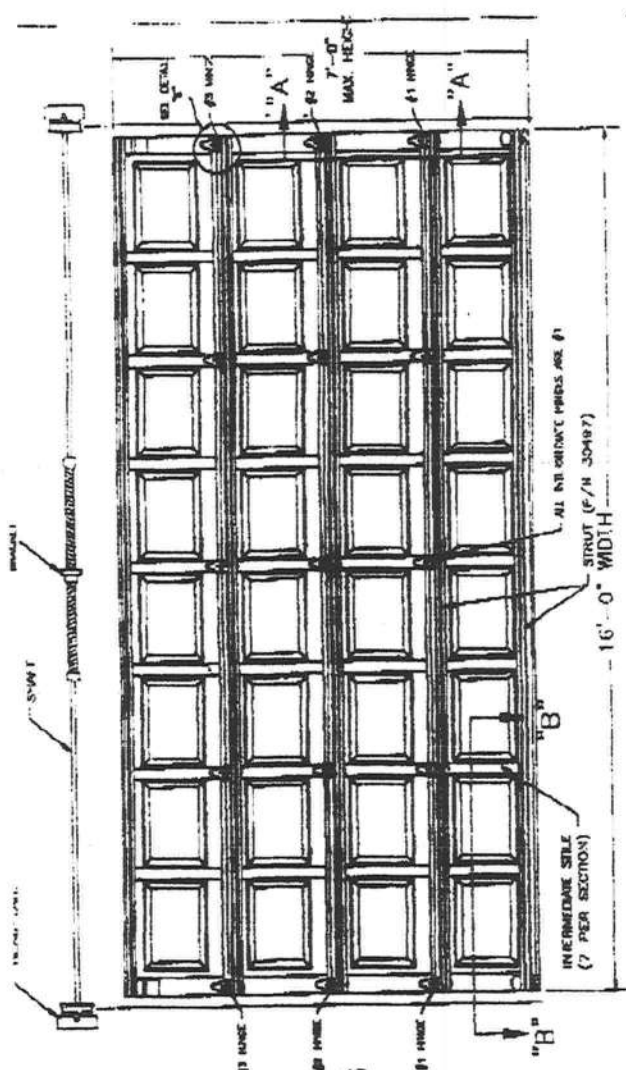
Page 1 of 1

App/Seq #	Manufacturer	Category	Subcategory	Validation Entry	Status
FL681	Capitol	Windows	Fixed		Approved
FL685	Capitol	Windows	Horizontal Slider		Approved
FL880	Capitol	Windows	Factory Twins Mullions	Architectural Testing, Inc. (717) 764-7700	Applied For
FL675	Capitol	Windows	Single Hung		Approved

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ROOFING, WINDOW & DOOR REQUIREMENTS

ROOF SYSTEM DESCRIPTION

DECK TYPE: 7/16 OSB 4" oc Edge 8" oc Interior 8DJ31
(OSB etc, Nail pattern & fastener size)

UNDERLAYMENT: #30 Felt
(Felt weight)

FLASHING: 5x4 galv Flashing galv valley

CAP SHEET: _____
(Flat roof only)

ROOF COVERING: EIK AR30 6 nails
(Mfg. & Nailing)

DRIP EDGE MATERIAL: Alum

EAVE VENTILATION: Alum

2' overhangs

RIDGE VENTILATION

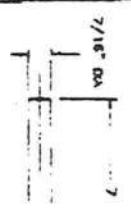
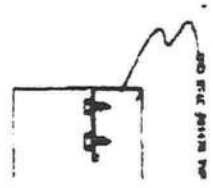
ROOF SLOPE $\frac{12''}{6''}$

MEANHEIGHT 16

WINDLOAD INFO

1. Basic wind speed 100 mph ☒ 110 mph
2. Wind importance factor 1
3. Wind exposure B
4. Internal pressure coefficient -0.18
5. Components & cladding (design pressure) 0.87

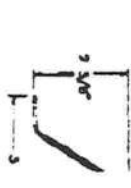
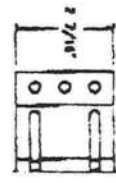
1. 3 STAINLESS STEEL
SCREWS 1/4"-20
INTERMEDIATE SH
2. FOUR 21" STEEL
3. ALL SECTIONS E1
4. TORSION SPRINGS
5. PLATE LOCKS MUST
OIL & BOLT LOCK
6. WHERE THIS DRAWING
INDICATES, THE



P/N 80441 F



P/N 80798
1/2" DIA. DIA



P/N 80448

NOTES: THIS DRAWING
ISSUED IN COA
MANUFACTURE A

SW GREENWOOD TERR

